

**B.C. MINISTRY OF TRANSPORTATION**

**SA10 – LOCAL AREA SPECIFICATION #1**

**Hiking Trail Maintenance**

**Burlington Northern Santa Fe Railway Corridor**

**1. OBJECTIVE**

To ensure the continuity of the Burlington Northern Santa Fe (BNSF) trail and protection of the adjacent land owners from damage arising from degradation of the Trail.

There are 48 kilometers of trail with 13 trestle or timber Bridges on this trail. For purposes of this Local Area Specification, the trail is defined as the Burlington Northern Santa Fe Railway (BNSF) trail between kilometer 266.4 and 311.2 of the BNSF right-of-way, from the Salmo Village, and ending at Bealby Point just north of Nelson city limits. Refer to Appendix 1 to this Local Area Specification for the specific location of the Bridges.

The Burlington Northern Santa Fe trail has been classified as a Class 7F for maintenance purposes. In case of a conflict between the Maintenance Specifications and this Local Area Specification, this Local Area Specification will apply.

**a) GENERAL PERFORMANCE SPECIFICATIONS**

**2.1 Routine Maintenance Services**

The Contractor must perform:

- a) Ditch and Watercourse Maintenance;
- b) Debris Removal;
- c) Drainage Appliance Maintenance
- d) Flood Control and Washout Response
- e) Mud, Earth and Rock Slide Response;
- f) Bridge Railing Maintenance;
- g) Highway Inspection; and
- h) Bridge and Structure Inspection.

## **2.2 Quantified Maintenance Services**

The Contractor must perform:

- a) Drainage Appliance Maintenance;
- b) Shore, Bank and Watercourse Maintenance;
- c) Timber Truss Bridge Maintenance;
- d) Timber and Log Structure Maintenance; and
- e) Retaining Structure Maintenance.

### **i) DETAILED PERFORMANCE SPECIFICATIONS**

#### **3.1 Routine Maintenance Services**

The Contractor must:

- a) clean ditches and watercourses, and notify the Province of any obstructions to water flow which threaten the integrity of the Highway in accordance with the Maintenance Specification for *Ditch and Watercourse Maintenance*;
- b) remove Debris from the trail in accordance with the Maintenance Specification for *Debris Removal*;
- c) remove Debris and sedimentation from drainage appliances; and repair any worn, bent, broken, folded, disconnected, unravelled or damaged drainage appliances in accordance with the Maintenance Specification for *Drainage Appliance Maintenance*;
- d) perform Emergency Services in accordance with the Maintenance Specifications for *Flood Control and Washout Response* and *Mud, Earth and Rock Slide Response*;
- e) maintain, repair and replace, as required, Bridge rail systems and Parapets that are unsafe or have the potential to become unsafe for Highway Users in accordance with the Maintenance Specification for *Bridge Railing Maintenance*;
- f) inspect the trail in accordance with the Maintenance Specification for *Highway Inspection*; and
- g) inspect the Bridges in accordance with the Maintenance Specification for *Bridge and Structure Inspection* subject to clause 3.1.1 a) of this Local Area Specification.

### 3.1.1 Performance Time Frames

- a) The Contractor must inspect Bridges on the trail once annually;
- b) All other services must be performed in accordance with the relevant Maintenance Specification.

### 3.2 Quantified Maintenance Services

The Contractor must:

- a) replace any missing appliances and /or any bent, broken or damaged appliances including appurtenances, if repair is not practicable in accordance with the Maintenance Specification for *Drainage Appliance Maintenance*, with credit for such work under the Maintenance Specification for *Drainage Appliance Maintenance*;
- b) clean ditches, repair and stabilize Backslopes where a watercourse has caused erosion; perform such services in accordance with the Maintenance Specification for *Shore, Bank and Watercourse Maintenance*, with credit for such work under the Maintenance Specification for *Shore, Bank and Watercourse Maintenance*;
- c) replace deteriorated timber Truss components in accordance with the specifications referred to in Section B1 of the Introduction to the Maintenance Standards or in accordance with the original design specifications; perform such services in accordance with the Maintenance Specification for *Timber Truss Bridge Maintenance*, with credit for such work under the Maintenance Specification for *Timber Truss Bridge Maintenance*;
- d) replace timber and log Stringers, Brow Logs, Needle Beams and timber Caps in accordance with Section B1 of the Introduction to the Maintenance Specifications; and construct temporary support, in a manner approved in writing by the Province, when replacing timber Stringers, Caps, and Braces; perform such services in accordance with the Maintenance Specification for *Timber and Log Structure Maintenance*, with credit for such work under the Maintenance Specification for *Timber and Log Structure Maintenance*; and

- e) replace Retaining Structure components where maintenance and repair will not restore the original function of the structure; perform such services in accordance with the Maintenance Specification for *Retaining Structure Maintenance*, with credit for such work under the Maintenance Specification for *Retaining Structure Maintenance*.

### **3.2.1 Performance Time Frames**

All services must be performed in accordance with the relevant Maintenance Specification.

### **3.3 Materials**

All materials must be in accordance with the relevant Maintenance Specification.

## **4. WARRANTY**

Not applicable to this Local Area Specification.

## Appendix 1 to SA 10 Local Area Specification #1

### Location of trestle Bridges:

- a) Mile 167.5
- b) Mile 172.2
- c) Mile 174.4
- d) Mile 177.6
- e) Mile 180.0
- f) Mile 186.9
- g) Mile 187.5
- h) Mile 191.0
- i) Mile 192.2
- j) Mile 192.8
- k) Mile 192.9
- l) Mile 194.0
- m) Mile 194.1