

## Table of Contents

1	LAKES	1
1.01	Definitions	1
1.02	Arrestor Bed Maintenance - Southbank	2
1.03	Highway Crossing Infrastructure	3
1.04	Invasive Plants Management	5

## 1 LAKES

### 1.01 Definitions

In these Local Area Specifications, capitalized terms will have the corresponding meanings as set out in Article 1 of this Agreement and Section 1 of this Schedule 1 (“Specifications”), and as set forth below:

**“Invasive Plants”** means any invasive alien plant species that has the potential to pose undesirable or detrimental impacts on humans, animals or ecosystems.

**“Salt Containment Infrastructure”** means a storage facility, including all of its components that is used for the storage and loading/unloading of salt for winter maintenance operations including, but not limited to the salt shed, fabric/steel roofing, pit floor, evapotranspiration liner, containment pad, and skirt.

## 1.02 Arrestor Bed Maintenance - Southbank

### 1.02.1 Outcome

To provide a safe, functional and available resistance lane for runaway vehicles.

### 1.02.2 Routine Maintenance Services

**PM1.02.2-1** Respond to an arrestor bed incident as follows:

Performance Criteria	Response
a) Remove vehicles and items that are not part of the infrastructure	immediately
b) Repair and replace damaged infrastructure	immediately
c) Loosen affected bed aggregate to 60 centimetres for a 100 centimetre depth arrestor bed and to 40 centimetres for a 50 centimetre depth arrestor bed and return to original cross section	immediately

**PM1.02.2-2** Maintain arrestor bed aggregate as follows:

Performance Criteria	Response
a) Loosen bed aggregate to 60 centimetres for a 100 centimetre depth arrestor bed and to 40 centimetres for a 50 centimetre depth arrestor bed.	annually
b) Wash bed aggregate to eliminate fines impeding free drainage	annually

**PM1.02.2-3** Monitor the arrestor bed for frozen crusts during periods of freezing rain or extreme freeze thaw cycles as required.

**PM1.02.2-4** Eradicate frozen crusts immediately and restore functionality of the arrestor bed.

### 1.02.3 Materials and/or Procedures

Refer to Subsection 1.6 of this Schedule 1 ("Specifications").

Additional materials and/or procedures requirements are as follows:

- a) When replacing aggregates, materials must be consistent with the size and type of existing aggregates; and
- b) Remain at the site(s) until the functionality of the arrestor bed has been restored and the site(s) are safe and available for Highway Users.

## 1.03 Highway Crossing Infrastructure

### 1.03.1 Outcome

To provide safe passage of pedestrians and animals underneath or beside a Highway.

### 1.03.2 Routine Maintenance Services

**PM1.03.2-1** Respond immediately to restrict all access to Highway Crossing Infrastructure, as directed by the Province.

**PM1.03.2-2** Repair or replace immediately, as directed by the Province, any damaged or deteriorated Highway Crossing Infrastructure that has been structurally compromised, as determined by the Province.

**PM1.03.2-3** Repair or replace within 3 months, any damaged or deteriorated Highway Crossing Infrastructure that has not been structurally compromised, as determined by the Province.

**PM1.03.2-4** Remove Debris immediately from the surfaces of floors, pedestrian paths or stairways.

**PM1.03.2-5** Remove Accumulations, surface contaminants and chemicals by June 30 of each calendar year from all surfaces.

**PM1.03.2-6** Remove Debris within 1 month that impedes the passage of animals in animal accessed Highway Crossing Infrastructure.

### 1.03.3 Quantified Maintenance Services

**PM1.03.3-1** Repair within 24 hours damaged or deteriorated surfaces on underpass floors, pedestrian paths or stairways.

**PM1.03.3-2** Repair within 6 months other damaged or deteriorated surfaces.

#### Specific Requirements:

- a) Maintain Highway Crossing Infrastructure within Rest Areas in accordance with the response of the adjacent Highway Classification.

### 1.03.4 Materials and/or Procedures

Refer to Subsection 1.6 of this Schedule 1 (“Specifications”).

Additional material and/or procedures requirements are as follows:

- a) Use materials in accordance with the same type and quality on the existing Highway Crossing Infrastructure.

**1.03.5 Routine Maintenance Services Cap**

\$50,000 – for each occurrence, the cost to repair or replace Highway Crossing Infrastructure.

**1.03.6 Warranty**

Refer to Section 3 of this Schedule 1 (“Specifications”).

## 1.04 Invasive Plants Management

### 1.04.1 Outcome

To minimize the introduction and spread of Invasive Plants on Highways and Gravel Pits.

### 1.04.2 Routine Maintenance Services

**PM1.04.2-1** Meet annually, with the agency conducting Invasive Plant management for the Province, during development of the Quantified Maintenance Services to coordinate planned activities.

**PM1.04.2-2** Inspect all Gravel Pits and material sources annually to ensure they are free of Invasive Plants.

**PM1.04.2-3** Report Invasive Plant conditions to the agency conducting Invasive Plant management for the Province, as follows:

Performance Criteria	Response
a) Prior to the disturbance of knotweed species that restricts Sight Distance or creates a condition that is unsafe or has the potential to become unsafe	immediately
b) Any Invasive Plant infestations on Highways and Gravel Pits	2 d

#### Notes:

1) Only the exposed, active areas of the Gravel Pits are to be considered.

### 1.04.3 Quantified Maintenance Services

**PM1.04.3-1** Seed specific areas of exposed soils exceeding 1 metre up the Shoulder sideslope and the backslope due to ditch maintenance.

#### Notes:

1) The Standard Specifications for Highway Construction describes the revegetation requirements including, but not limited to blending, seed analysis and application timing.

### 1.04.4 Materials and/or Procedures

Refer to Subsection 1.6 of this Schedule 1 (“Specifications”).

Additional materials and/or procedures requirements are as follows:

a) Comply with the Best Practices for Managing Invasive Plants on Roadsides;

- b) Incorporate Invasive Plant management when planning and performing Quantified Maintenance Services;
- c) Seed side-cast ditch materials;
- d) Seek approval from the Province if disturbance of knotweed species is required;
- e) The Contractor may submit a plan for approval by the Province for the use of herbicides, as a control measure for knotweed or other Invasive Plants;
- f) Herbicides are to be applied by a certified pesticide applicator;
- g) Do not use gravel materials contaminated with Invasive Plants, unless a rectification process is submitted and approved by the Province; and
- h) Report Invasive Plants to the agency conducting Invasive Plant management for the Province online or using the Province’s smartphone application or the provincial toll-free service.

#### **1.04.5 Warranty**

Refer to Section 3 of this Schedule 1 (“Specifications”).

