

## **54.20 WILDLIFE REFLECTORS - SUPPLY AND INSTALL**

### **54.20.1 GENERAL**

The Work consists of installing wildlife reflectors and posts or the repair or replacement of existing reflector installations.

### **54.20.2 MATERIALS**

The Contractor shall supply Strieter - Lite Wild Animal Highway Warning Reflectors or an equivalent approved by the Engineer.

The Contractor shall also supply 5 mm by 100 mm cadmium wood screws and all other mounting hardware.

When new installations are specified or the existing posts require replacement, the Contractor shall supply steel posts suitable to the Engineer or wood posts conforming to the following:

- 100 mm X 100 mm pine or spruce structural framing no. 2 or better, as per NLGA 1980 Rules Par. 123 C allowing 15% standard grade dressing 4 sides,
- 2.13 m in length,
- CCA (Copper, Chromate, Arsenate) pressure treated in accordance with CSA 080.14 and CSA 081.1 or an approved equivalent, and
- shall be free from wane

The Contractor shall supply granular material for backfilling post installations when excavated material is unsuitable for use.

### **54.20.3 EQUIPMENT**

The Contractor shall supply all equipment necessary to complete the Work.

### **54.20.4 PROCEDURE**

Traffic control and signing shall be performed in accordance with Specification 55.1, Traffic Accommodation and Temporary Signing.

All wildlife reflector installations shall be in accordance with the manufacturer's specifications or as directed by the Engineer.

#### **54.20.4.1 Replace or Repair Existing**

Damaged reflectors shall be removed and disposed of as necessary.

If the existing post is broken and requires replacing, the existing reflector shall be reused if it is still functional.

**54.20.4.2 New Installations**

New installation sites will be marked by the Engineer.

The Contractor shall have locations checked for utilities prior to digging holes.

The posts shall be installed plumb and vertical and backfilled with suitable material. The backfill shall be thoroughly compacted and the area cleaned of any debris.

**54.20.5 TIME TO COMPLETE**

The Contractor shall complete the Work within 60 calendar days of issuance of the Work Order.

**54.20.6 MEASUREMENT AND PAYMENT**

Measurement will be made separately of the number of wildlife reflectors installed and of the number of posts installed.

Payment will be made at the applicable unit price bid per installation for "Wildlife Reflector - Supply and Install" or "Wildlife Reflector Post - Supply and Install". The applicable payment will be full compensation for supplying and installing the reflectors or posts, supplying and compacting backfill, traffic accommodation and signing, and all labour, material, equipment, tools and incidentals necessary to complete the Work.

When wildlife reflectors are salvaged and reinstalled on new posts, payment will only be made for "Wild Reflector Post - Supply and Install". The attachment of the reflector will be considered incidental to the Work and will not be paid for separately

**54.20.7 WARRANTY**

There is no warranty period for this Work.