

## **ITEM 607.9301--07 - TURTLE PROTECTION BARRIER**

### **DESCRIPTION:**

This work shall consist of all the labor and materials to install and maintain the turtle protection barrier of the type and at the locations shown in the plans or where directed by the Engineer.

### **MATERIALS:**

Materials for the turtle protection barriers shall conform to the following requirements:

- 50 x 100 mm, 12 gauge, Vinyl coated steel fencing or mesh
- Vinyl coating as per Section 710-03 (black color)
- Plastic UV resistant standard duty cable ties
- Ground / surface staples

### **CONSTRUCTION DETAILS:**

Areas designated for protection are located on the plans by station. The turtle protection barrier shall be not less than 0.5 meters in height. It shall be installed parallel with the highway profile on existing or proposed guide rail. Installation shall be upon the backside (down slope) of guide rail posts. Fencing shall be secured to each post at a minimum of three locations with UV resistant cable ties (top, middle and bottom of fencing). The bottom of the fencing shall be embedded in the ground or affixed with ground or asphalt staples, as approved by the engineer, to prevent the movement of turtles under the fencing. Ends of fencing sections shall overlap with the next section of fencing by one post. Secure overlap with cable ties at the post.

Maintenance shall commence immediately after erection of the turtle barrier and continue until final acceptance of the contract. Maintenance shall consist of tightening or replacing damaged fencing as required by the Engineer.

### **METHOD OF MEASUREMENT:**

Turtle protection barrier will be measured as the number of meters of barrier erected and measured along the top of the barrier erected.

### **BASIS OF PAYMENT:**

The unit price bid per meter shall include the cost of furnishing all labor, materials and equipment necessary to satisfactorily complete the work.