

## **PART 1 - GENERAL**

### **1.1 SECTION INCLUDES**

- .1 Materials and installation for wood lighting poles.

### **1.2 RELATED SECTIONS**

- .1 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

### **1.3 REFERENCES**

- .1 Canadian Standards Association (CSA International)
  - .1 CSA C22.2 No. 206-M1987(R2004), Lighting Poles.
  - .2 CAN/CSA-O15-05, Wood Utility Poles and Reinforcing Stubs.
  - .3 CSA O80 Series-97 (R2007), Wood Preservation.

### **1.4 WASTE MANAGEMENT AND DISPOSAL**

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper plastic polystyrene corrugated cardboard packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.
- .4 Divert unused metal and wiring materials from landfill to metal recycling facility approved by Departmental Representative.
- .5 Fold up metal banding, flatten and place in designated area for recycling.
- .6 Do not dispose of preservative treated wood through incineration.
- .7 Do not dispose of preservative treated wood with other materials destined for recycling or reuse.
- .8 Dispose of treated wood, end pieces, wood scraps and sawdust at sanitary landfill approved by Departmental Representative.
- .9 Dispose of unused wood preservative material at official hazardous material collections site approved by Departmental Representative.
- .10 Do not dispose of unused preservative material into sewer system, into streams, lakes, onto ground or in any other location where they will pose health or environmental hazard.

### **1.5 LOCATION OF POLES**

- .1 Location to be as shown on drawings or as directed by Departmental Representative.

## **1.6 MEASUREMENT FOR PAYMENT**

- .1 Lighting Poles: Supply and installation of lighting poles, including hardware, anchors, plant, and labour, will be measured by the unit installed in place.

## **PART 2 - PRODUCTS**

### **2.1 WOOD POLES**

- .1 Wood utility poles: to CAN/CSA O15, wood species, Class 4, CCA treated in accordance with Section 06 05 73 - Wood Treatment.
  - .1 Length: 9.1 metres.
  - .2 Minimum diameter: at butt 350 mm, at top 200 mm.
  - .3 Pressure treated: to CAN/CSA O80.

## **PART 3 - EXECUTION**

### **3.1 INSTALLATION**

- .1 Install utility poles true and plumb, as specified, in location as indicated on drawings or as directed by Departmental Representative.
- .2 Install bollard protection, as specified, after concrete deck is poured. Bollards to be installed on the concrete deck, as indicated on the drawings.