

**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.

**PART 1 - GENERAL**  
**(CONT'D)**

**1.4 WASTE MANAGEMENT AND DISPOSAL**  
**(CONT'D)**

- .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, fasteners, anchors, plant, and labour, will be measured by the unit installed in place. Fabrication and installation of protective posts to be included in the lump sum price arrangement.

**PART 2 – PRODUCTS**

**2.1 WOOD POLES**

- .1 Wood utility poles: to CAN/CSA 015, 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 080.

**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.

**PART 3 – EXECUTION**  
**(CONT'D)**

**3.1 INSTALLATION**  
**(CONT'D)**

- .2 Install bollard protection, as specified, after concrete deck is poured. Bollards to be installed on the concrete deck, as indicated on the drawings.