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**Part 1            General**

**1.1                REFERENCES**

- .1    Manual of Uniform Traffic Control Devices for Canada (MUTCD-C) – (most recent version)
- .2    CSA International
  - .1    CAN/CSA O80 Series-[08], Wood Preservation.
- .3    .1    New Brunswick Department of Transportation and Infrastructure Standard Specifications (most recent version):
- .4    .1    NBDTI Standard Specification Item 510 – Guide Posts.

**1.2                ACTION AND INFORMATIONAL SUBMITTALS**

- .1    Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2    Product Data:
  - .1    Submit manufacturer's instructions, printed product literature and data sheets for traffic signage, including product characteristics, performance criteria, physical size, finish and limitations.
- .3    Sustainable Design Submittals:
  - .1    Wood Certification: submit manufacturer's Chain-of-Custody Certificate number for CAN/CSA-Z809 or FSC or SFI certified wood.

**1.3                DELIVERY, STORAGE AND HANDLING**

- .1    Deliver, store and handle materials in accordance with manufacturer's written instructions.
- .2    Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .3    Storage and Handling Requirements:
  - .1    Store materials off ground and in accordance with manufacturer's recommendations.
  - .2    Replace defective or damaged materials with new.
- .4    Develop Waste Reduction Workplan related to Work of this Section.

**Part 2            Products**

**2.1                MATERIALS**

- .1    Sign posts shall be pressure treated in accordance with the most recent version of the NBDTI Standard Specifications Item 510.

- .2 Fasteners: bolts, nuts, washer and other hardware for roadside signs to be cast aluminum alloy or galvanized steel.

### **Part 3 Execution**

#### **3.1 INSTALLATION**

- .1 Sign support:
  - .1 Erect posts plumb and square to details as indicated.
  - .2 Wooden post installation:
    - .1 Excavate post holes to as indicated on the Contract Drawings. Compact bottom of hole to provide firm foundation. Set post and backfill in 150 mm layers with excavated material. Compact each layer before placing each subsequent layer.
- .2 Signboard:
  - .1 Fasten signboards to supporting posts and brackets as indicated.

#### **3.2 CORRECTING DEFECTS**

- .1 Correct defects, identified by Departmental Representative. Correct angle of signboard and adjust for optimum performance during night conditions to approval of Departmental Representative.

#### **3.3 CLEANING**

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
  - .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.
- .3 Waste Management: separate waste materials for reuse or recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
  - .1 Carefully dismantle and salvage wood, aluminum and steel materials.
  - .2 Deliver salvaged materials to location specified by Departmental Representative.

#### **3.4 PROTECTION**

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by traffic signage installation and salvage operations.

**END OF SECTION**