

PART 1- GENERAL

1.1 RELATED  
REQUIREMENTS

- .1 Section 31 14 11 Earthwork & Related Works.

1.2 REFERENCES

- .1 CSA International
  - .1 CSA S350-M1980 (R2003), Code of Practice for Safety in Demolition of Structures.
- .2 U.S. Environmental Protection Agency (EPA)/Office of Water
  - .1 EPA 832/R-92-005, Storm Water Management for Construction Activities: Developing Pollution Prevention Plans and Best Management Practices.
- .3 National Building Code of Canada (NBC), Part 8 - Safety Measures at Construction and Demolition sites (2017).

1.3 ACTION AND  
INFORMATIONAL  
SUBMITTALS

- .1 Submit in accordance with Section 01 33 00.

1.4 SITE CONDITIONS

- .1 Exterior site conditions vary from exposed sun to frozen, snow-covered grounds.
- .2 Notify Departmental Representative of any exploratory work needed to assess removal strategy for bridge structures.

PART 2 - PRODUCTS

2.1 EQUIPMENT .1

- .1 Leave equipment and machinery running only while in use, except where extreme temperatures prohibit shutting down.
- .2 Demonstrate that tools and machinery are being used in manner which allows for salvage of materials in

best condition possible.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- .1 Inspect site with Departmental Representative and verify extent and location of items designated for removal, disposal, alternative disposal, recycling, salvage and items to remain.

### 3.2 PROTECTION

- .1 Prevent movement, settlement, or damage to adjacent structures and landscaping features.
  - .2 Keep noise, dust, and inconvenience to park users to minimum.

### 3.3 PREPARATION

- .1 Temporary Erosion and Sedimentation Control:
  - .1 Provide temporary erosion and sedimentation control measures to prevent soil erosion and discharge of soil-bearing water runoff or airborne dust to adjacent areas, according to sediment and erosion control plan, specific to site.
  - .2 Inspect, repair, and maintain erosion and sedimentation control measures during demolition.
  - .3 Remove erosion and sedimentation controls and restore and stabilize areas disturbed during removal after completion of demolition work.
- .2 Protection of In-Place Conditions:
  - .1 Prevent movement, settlement, or damage to adjacent landscape features to remain in place.
  - .2 Do Work in accordance with Section 01 35 29 Health & Safety Requirements.
- .3 Demolition/Removal:
  - .1 Remove existing bridges (2) and culvert structures. Sort materials in appropriate piles for reuse and recycling.
  - .2 Dispose of removed materials, in accordance with authority having jurisdiction. Pressure treated bridge deck and beam materials to be disposed of according to regulations.

### 3.4 CLEANING

- .1 Leave Work area clean at end of each day.

- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment.
- .3 Refer to drawings and specifications for items to be salvaged for reuse.
- .4 Waste Management: separate waste materials for reuse and recycling in accordance with Section 01 74 22.
  - .1 Remove recycling containers and bins from site and dispose of materials at appropriate facility.

**END OF SECTION**