

## **SECTION 024113– SITE DEMOLITION**

### **PART 1 - GENERAL**

#### **1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification sections, apply to this section.

#### **1.2 SUMMARY**

- A. Provide labor, materials and equipment as necessary to complete work as indicated on the Drawings and specified herein.
- B. This section includes the removal of existing structures, fences, pavements, and other items indicated on the Drawings or specified, or both.
- C. Related sections include the following:
  - 1. Division 01 Section “General Requirements – Temporary Facilities and Controls.”
  - 2. Division 31 Section “Site Clearing.”
  - 3. Division 31 Section “Earthwork.”

#### **1.3 PROJECT CONDITIONS**

- A. Do not close or obstruct streets, walks or other occupied or used facilities without permission from the Project Representative. Provide alternate routes around closed or obstructed traffic ways if required.

### **PART 2 - PRODUCTS**

Not Used.

### **PART 3 - EXECUTION**

#### **3.1 DEMOLITION OPERATIONS**

- A. At the direction of the Project Representative, certain items within the Project limits may be salvaged by the Contractor to the Owner. Salvaged materials or equipment will be indicated on the Drawings or specified. Salvaged items not indicated or noted to be reinstalled shall be delivered to designated location(s) on campus as directed by Project Representative.
- B. Materials to be recycled shall be hauled from the project to Beaumont Landscape Supply, 4080 Beaumont Road, East Lansing MI 48824. Call (517) 884-4880 to coordinate drop-off time and location.
  - 1. Items to be salvaged include, but are not limited to:
    - a. Post and chain fencing
    - b. Ornamental fencing and gates
    - c. Chain link fence

- d. Catch basins and manhole frames and covers
  - e. Bike racks
  - f. Litter receptacles and ash urns
  - g. Light fixtures and poles
  - h. Face brick
  - i. Paver brick
  - j. Limestone cap
  - k. Steel and concrete bollards
  - l. Irrigation system components, including but not limited to valves, heads, and vacuum breakers
2. Materials to be recycled include, but are not limited to:
- a. Concrete material (pavement, curb and gutter, walls and footings)
  - b. Bituminous pavement millings
  - c. Topsoil
  - d. Clean pavement base aggregate
- C. The use of explosives is not permitted.
- D. Conduct demolition operations and the removal of debris to ensure minimum interference with adjacent roads, streets, walks, and other facilities, operations and people.
- E. Conduct operations to prevent damage by falling debris or other cause to adjacent buildings, structures, vegetation to be retained, and other facilities as well as persons.
- F. Promptly repair damages caused to adjacent facilities by demolition operations, as directed by the Project Representative. Repairs shall be made at no cost to the Owner.

### 3.2 REMOVAL OF PAVEMENTS

- A. Saw cut concrete curb and gutter and flatwork on nearest existing joint beyond area required to be removed as shown on the Drawings.
- B. Provide a minimum of 18 inches between the new gutter pan edge and the bituminous paving edge.

### 3.3 CLEANUP

- A. Contractor shall be responsible for disposing debris from demolition and salvage operations. Disposal of debris shall be done legally off the Owner's property, except that specifically requested for salvage by the Project Representative. Burning of debris is not permitted.
- B. During demolition operations, keep dust to a minimum using appropriate methods.
- C. During demolition operations, access roads and adjacent concrete pathways shall be maintained broom clean. Roads shall be cleaned by using a pick-up type sweeper. A front-end tractor mounted sweeper is not permitted.
- D. The site shall be graded to provide surface drainage and shall be left in a clean condition.

END OF SECTION 024113