

DIVISION 2 – SITE WORK

SECTION 02222 - SELECTIVE DEMOLITION

PART 1 – GENERAL

1.01 SUMMARY

- A. The General Provisions of the contract, including the General Provisions for Construction Projects (2016), Special Provisions, and General Requirements of the Specifications, apply to the work specified in this section.
- B. Section Includes: Selective removal and subsequent disposal of pavements, and other items indicated to be removed. Extent of demolition work is indicated on Contract Drawings, and in Contract documents.
- C. Related Sections: Refer to the following sections for related work:
 - 1. Section 01533 – BARRICADES
 - 2. Section 01560 – ENVIRONMENTAL CONTROLS
 - 3. Section 03730 – CONCRETE REPAIR

1.02 REFERENCES

- A. Code of Federal Regulations (CFR)
 - 1. 29 CFR Part 1910 Occupational Safety and Health Standards
 - 2. 29 CFR Part 1926 Safety and Health Regulations for Construction

1.03 SUBMITTALS

- A. Provide in accordance with Section 01300 – SUBMITTALS.
 - 1. Plan for Dust Control during demolition operations.
 - 2. Plan for temporary weather protection.

PART 2 – PRODUCTS (Not Used)

PART 3 – EXECUTION

3.01 EXAMINATION

- A. Survey existing conditions prior to beginning on-site demolition operations.
- B. Verify that utilities have been disconnected and capped.
- C. If unanticipated mechanical, electrical or structural elements that conflict with intended function or design are encountered, investigate and measure nature and extent of conflict.
 - 1. Promptly notify DOT-A.

3.02 UTILITY SERVICES

- A. Maintain existing utilities indicated to remain in service and protect against damage during demolition operations.

3.03 PREPARATION

- A. Conduct demolition operations and remove debris in manner to ensure minimum interference with roads, streets, walks, and other adjacent occupied or used facilities.
- B. Conduct demolition operations to prevent injury to people and damage to adjacent buildings and facilities designated to remain.
 - 1. Provide protective measures as required to provide free and safe passage to and from occupied portions of buildings including handicap access.
 - 2. Provide temporary barricades and other forms of protection as required for safety and security.
 - 3. Provide barriers and appropriate signs meeting requirements of 29 CFR 1910 for size and color where necessary to restrict pedestrians from wandering into construction areas.
 - 4. Provide temporary weather protection during interval between demolition and removal of existing construction on exterior surfaces and installation of new construction to ensure no water leakage or damage occurs to structure or interior areas of existing building.

5. Protect existing work that is to remain in place and are exposed during demolition operations.
 6. Cover and protect equipment and fixtures that are to remain from soiling or damage.
- C. Provide and maintain shoring, bracing or structural support to preserve stability and prevent movement, settlement, or collapse of structures and their components.

3.04 DEMOLITION

- A. General: Perform demolition work in accordance with 29 CFR 1926, with particular attention to requirements set forth in Subpart T, "Demolition".
1. Perform work in safe and systematic manner.
 2. Use such methods as required to complete work indicated on Contract Drawings.
- B. Demolish and remove existing construction only to extent required, and as indicated in Contract documents.
- C. Wear proper personal protective equipment at all times.
- D. Remove debris from roof or other above-grade location through enclosed chute or bundle, and lower by hand or with hoisting device.

3.05 REPAIRS

- A. Repair demolition performed in excess of what is required.
- B. Return structures and surfaces not part of demolition, to conditions existing prior to commencement of demolition work.
- C. Promptly repair adjacent construction or surfaces soiled or damaged by demolition work at no cost.

3.06 DISPOSAL OF DEMOLISHED MATERIALS

- A. General: Promptly dispose of debris, rubbish, and other materials resulting from building site demolition operations.
- B. If Contractor encounters material during removal that is suspected to be potential hazard, other than those identified in the environmental assessment provided to the Contractor as part of the Specifications, he should stop work immediately and notify DOT-A.

- C. DOT-A shall determine salvageable items, if not indicated in Contract documents.

3.07 CLEANING

- A. Remove tools, equipment and demolished materials from site upon completion of demolition work.

PART 4 – MEASUREMENT AND PAYMENT

4.01 BASIS OF MEASUREMENT AND PAYMENT

All work specified in this section shall be paid for at the contract lump sum price for Selective Demolition. The contract price paid shall be full compensation for all labor, tools, equipment, and all other incidentals necessary to complete the work. Should an unforeseen condition arise, payment shall be made by an allowance as directed by DOT-A.

For ALLOWANCE items in the Proposal Schedule, the allowance is an estimate and the amount shall not exceed the maximum amount shown in the Proposal Schedule. Payment shall be the actual cost as invoiced by the Contractor and approved by the DOTA Engineer. The Contractor shall be allowed to include overhead, profit, insurance and/or other mark-ups, as stipulated in Section 9.5 of the 2016 General Provisions for Construction Projects, Air and Water Transportation Facilities Divisions.

<u>ITEM NO.</u>	<u>ITEM</u>	<u>UNIT</u>
02222.1	Unforeseen Demolition Conditions	Allowance
02222.2	Selective Demolition	Lump Sum

END OF SECTION