

SECTION 02222

DEMOLITION

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Demolishing designated structures within City rights of way.
 - 2. Protecting items designated to remain.
 - 3. Removing demolished materials.
- B. Related Sections:
 - 1. Section 02060 - Aggregate.
 - 2. Section 02315 - Excavation.
 - 3. Section 02320 - Backfill.

1.2 QUALITY ASSURANCE

- A. Conform to applicable code for demolition of structures, safety of adjacent structures, dust control, runoff control, and disposal.
- B. Conform to applicable code for procedures when hazardous or contaminated materials are discovered.
- C. Obtain required permits from authorities having jurisdiction.
- D. Perform Work in accordance with the City of Cañon City standards.

1.3 QUALIFICATIONS

- A. Demolition Firm: Company specializing in performing work of this section with documented experience.

1.4 PRE-DEMOLITION MEETINGS

- A. Convene minimum one day prior to commencing work of this section.

1.5 SCHEDULING

- A. Schedule Work to precede site excavation work and new construction.
- B. Describe demolition removal procedures and schedule.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Document condition of adjacent structures indicated to remain.
- B. Make arrangements with adjacent property owners and Engineer to survey existing surrounding structures and property.

3.2 PREPARATION

- A. Notify affected utility companies before starting work and comply with their requirements.
- B. Mark location of utilities.
- C. Do not close or obstruct roadways, sidewalks, or hydrants without permission.
- D. Erect, and maintain temporary barriers and security devices, including warning signs and lights, and similar measures, for protection of the public, Owner, and existing improvements indicated to remain.
- E. Protect existing landscaping materials, trees, appurtenances, structures, and fences indicated to remain.
- F. Prevent movement or settlement of adjacent structures. Provide bracing and shoring.

3.3 DEMOLITION REQUIREMENTS

- A. Use of explosives is not permitted.
- B. Conduct demolition to minimize interference with adjacent structures. Cease operations immediately when adjacent structures appear to be in danger. Notify authority having jurisdiction and Engineer. Do not resume operations until directed.
- C. Conduct operations with minimum interference to public or private accesses. Maintain egress and access for adjacent property at all times.
- D. Obtain written permission from adjacent property owners when demolition equipment will traverse, infringe upon or limit access to their property.
- E. Sprinkle Work with water to minimize dust. Provide hoses and water connections required for this purpose.
- F. Provide other equipment as necessary to complete demolition work including, but not limited to, steel and concrete cutting equipment, pneumatic concrete breakers, anchoring devices, excavation, loading, lifting, and public safety equipment.

3.4 DEMOLITION

- A. Remove designated structures within area of new construction.
- B. Remove materials to be re-installed or retained in manner to prevent damage. Store and protect in accordance with requirements of Section 01600.
- C. Backfill areas excavated due to demolition, in accordance with Section 02320.
- D. Rough grade and compact areas affected by demolition to maintain site grades and contours.
- E. Continuously clean-up and remove demolished materials from site. Do not allow materials to accumulate on site.
- F. Do not burn or bury materials on site. Leave site in clean condition.

END OF SECTION