



TABLE OF CONTENTS

Part 1: General Information

- 1.1 Related Documents
- 1.2 Project Work Covered By Contract Documents
- 1.3 Work By Owner
- 1.4 Contractor Use Of Site And Premises
- 1.5 Work Sequence
- 1.6 Owner Occupancy
- 1.7 Preconstruction Meeting
- 1.8 Examination
- 1.9 Scope Of Work

Part 2: Construction Facilities and Temporary Controls

- 2.1 Related Documents
- 2.2 Temporary Water Service
- 2.3 Temporary Sanitary Facilities
- 2.4 Barriers
- 2.5 Water Control
- 2.6 Security
- 2.7 Parking
- 2.8 Progress Cleaning
- 2.9 Project Signs

Part 3: Building Demolition

- 3.1 Related Documents
- 3.2 General Demolition
- 3.3 Project Record Documents
- 3.4 Qualifications
- 3.5 Regulatory Requirements
- 3.6 Project Conditions

Part 4: Products and Backfilling

- 4.1 Related Documents
- 4.2 Section Includes
- 4.3 References
- 4.4 Preparation
- 4.5 Backfilling
- 4.6 Schedule
- 4.7 Tolerances
- 4.8 Field Quality Control

Part 5: Execution

- 5.1 Preparation
- 5.2 Demolition Requirements
- 5.3 Demolition
- 5.4 Disposal

PART 1: GENERAL INFORMATION

1.1 Related Documents

- A. Drawings, General Conditions of the Contract for Construction and Summary of Work – General Requirements apply to Work of this Section.

1.2 Project Work Covered By Contract Documents

- A. Without force or effect, work of the total Project consists of demolition of the Old Carrier Building located at 606 South Chadbourne Street in San Angelo, Texas. This includes all paving, concrete to street gutter, trees and shrubbery and backfilling of the basement as specified. In addition, the installation of temporary fencing as specified.

1.3 Work By Owner

- A. There will be no work by owner except utility disconnects.

1.4 Contractor Use Of Site And Premises

- A. Construction Operations: Limited to areas on Drawings
- B. Time Restrictions for Performing Work
 - 1. Normal working hours will be 7:00 am to 5:00 pm.
 - 2. Coordinate with Owner all work to be accomplished outside of the normal working hours.
- C. Utility Outages and Shutdown
 - 1. All utilities will be disconnected by the owner. The sewer drains are to be plugged with cement plugs to meet the City of San Angelo Requirements.
 - 2. The following additional items will be disconnected by owner and removed by Contractor.
 - a) Domestic water lines
 - b) Sewer lines

1.5 Work Sequence

- A. Coordinate demolition schedule and operations with Consultant/Owner.

1.6 Owner Occupancy

- A. The building is unoccupied.

1.7 Preconstruction Meeting

- A. Consultant will schedule a meeting after Notice to Proceed.
- B. Attendance Required: Consultant, Contractor and Owner
- C. Agenda:
 - 1. Submission of insurance certificates and bonding
 - 2. Distribution of Contract Documents
 - 3. Designations of personnel representing the parties in Contract and the Consultant.
 - 4. Procedures and processing of field decisions, applications for payments, proposal request, Change Orders and Contractor closeout procedures.
 - 5. Scheduling
 - 6. Use of premises by Owner and Contractor.
 - 7. Owner's requirements.

8. Construction facilities and controls provided by Owner.
9. Security and housekeeping procedures
10. Procedures for maintaining record documents.

1.8 Examination

- A. Verify that existing site conditions and substrate surfaces are acceptable for subsequent Work.
- B. Examine and verify specific conditions described in individual specification sections.
- C. Verify that utility services are available, of the correct characteristics, and in the correct location.

1.9 Scope Of Work

The following shall be applicable to the Old Carrier Building located at 606 South Chadbourne Street.

- A. The demolition of the entire structure located at 606 South Chadbourne Street.
- B. The basement beneath the building shall have all walls removed and holes punched into the basement floor.
- C. All work shall be completed under the direct management of an Asbestos Abatement Consultant.

PART 2: CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

2.1 Related Documents

- A. General Conditions of the Contract for Construction, Supplementary Conditions and General Requirements apply to work of this Section.

2.2 Temporary Water Service

- A. The owner will furnish temporary hook-ups for electricity and water.

2.3 Temporary Sanitary Facilities

- A. Provide and maintain required facilities.

2.4 Barriers

- A. Entrance to work site by other than owner, contractor and consultant is limited.

2.5 Water Control

- A. Grade site to drain. Maintain excavations free of water. Provide, operate, and maintain pumping equipment.
- B. Protect site from puddling or running water. Provide water barriers as required to protect site from soil erosion.

2.6 Security

- A. Provide security at all times during work.

2.7 Parking

- A. All parking is to be confined to the property of the work or at a location as designated by the owner.

2.8 Progress Cleaning

- A. Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly condition at all times.
- B. Remove waste materials, debris, and rubbish from site and dispose off-site at intervals as required to maintain clean site. All demolished material shall be transported off site at day's end.

2.9 Project Signs

- A. No signs are allowed without Owner's permission except those required by law.

PART 3: BUILDING DEMOLITION

3.1 Related Documents

- A. The General Conditions of the Contract for Construction, Supplementary conditions and General Requirements apply to the work of this Section.

3.2 General Demolition

- A. Demolition of designed structures and slab and removal of materials from site.
- B. Demolition of all below grade construction, including foundations and footings to 3' below grade. Disconnecting, capping and removal of identified utilities.
- C. Demolition of the basement walls and punching holes in the basement floor
- D. Removal of identified utilities

3.3 Project Record Documents

- A. Accurately record actual locations of capped utilities and subsurface obstructions. Sewer is to be capped in a manner in accordance with the owner.

3.4 Qualifications

- A. Demolition Firm: Company specializing in performing the Work of this Section with minimum of five years documented experience.
- B. This sub-contractor must be approved by the owner.

3.5 Regulatory Requirements

- A. Conform to applicable code for demolition of structures, safety of adjacent structures, dust control, runoff control and disposal.
- B. Obtain required permits from authorities.
- C. Notify affected utility companies before starting work and comply with their requirements.
- D. Do not close or obstruct roadways or hydrants without permits.
- E. Conform to applicable regulatory procedures when discovering hazardous or contaminated materials.
- F. Comply with governing EPA/TDSHS Notification Regulations before beginning demolition. Comply with hauling and disposal regulations of Authorities having Jurisdiction.

3.6 Project Conditions

- A. Building to be demolished will be vacated and its use discontinued before the start of work.
- B. Conditions existing at the time of Pre-Proposal inspection will be maintained by Owner as far as practical.

- C. Storage or sale of removed items or materials on site is not Permitted.

PART 4: PRODUCTS AND BACKFILLING

4.1 Related Documents

- A. The Drawings, General Conditions of the Contract for construction, Supplementary Conditions and General Requirements apply to the work of this Section.

4.2 Section Includes

- A. Site filling and backfilling
- B. Scarifying compacted lawn areas
- C. Consolidation and compaction as scheduled

4.3 References

- A. ASTM D698 – Test Methods for Moisture-Density Relations of Soils and Soil-Aggregate Mixtures, Using 5.5 lb (2.49 Kg) Rammer and 12 inch (304.8 mm) Drop
- B. ASTM D2922 – Test Methods for Density of Soil and Soil Aggregate in Place by Nuclear Methods (Shallow Depth)

4.4 Preparation

- A. Compact sub-grade to density requirements for subsequent backfill materials.
- B. Cut out soft areas of sub-grade not capable of compaction in place. Backfill with fill and compact to density equal to or greater than requirements for subsequent fill material.
- C. Scarify and proof roll sub-grade surface to a depth of 8 inch to identify soft spots; fill and compact to density equal to or greater than requirements for subsequent fill materials.

4.5 Backfilling

- A. Backfill areas to contours and elevations with unfrozen materials.
- B. Systematically backfill to allow maximum time for natural settlement. Do not backfill over porous, wet, frozen or spongy sub-grade surfaces.
- C. Fill: Place and compact material in equal continuous layers not exceeding 8 inches compacted depth in the basement and any other area of over 8 inch depth.
The owner shall order density testing. This testing shall be paid for by the owner.
- D. Employ a placement method that does not disturb or damage other work.
- E. Maintain optimum moisture content of backfill materials to attain required compaction density.
- F. Make gradual grade changes. Blend slope into level areas.
- G. Remove surplus backfill materials from site.
- H. Leave fill material stockpile areas free of excess fill materials
- I. Roto till topsoil to provide maximum of 1 ½ inch diameter dirt clods; hand rake smooth.
- J. Provide material suitable for paving.

4.6 Schedule

- A. Fill material: 90% density, ASTM D-1557
- B. Top soil: 85% density, ASTM D-1557

4.7 Tolerances

- A. Top Surface of General Backfilling: Plus or minus 1 inch from required elevations.

4.8 Field Quality Control

- A. Quality Assurance: Field inspection and testing.
- B. Compaction testing will be performed in accordance with ASTM D2922.
- C. If tests indicate Work does not meet specified requirements, remove Work, replace and retest.

PART 5: EXECUTION

5.1 Preparation

- A. Temporary fencing shall be erected as shown on the site plan. A lockable gate shall be located on the north side of the parking lot that fronts Chadbourne Street. This temporary fence shall be a free standing fence that does not require buried posts.
- B. Furnish sanitary facilities.
- C. Mark locations of utilities.

5.2 Demolition Requirements

- A. Conduct demolition to minimize interference with adjacent structures and occupancies.
- B. Cease operations immediately if adjacent structures appear to be in danger. Notify Owner and Architect/Consultant. Do not resume operations until directed.
- C. Conduct operations with minimum interference to public or private accesses. Maintain protected egress and access at all times
- D. Sprinkle Work with water to minimize dust. Provide hoses and water connections for this purpose. There shall be no visible dust.
- E. There shall be no use of cutting torches until work area is clear of all flammable material. Contractor shall maintain a fire watch and shall employ the use of portable fire suppression devices during all use of cutting torch operations.
- F. Use of any type of explosives is prohibited.

5.3 Demolition

- A. Disconnect, remove, cap and identify designated utilities within designated areas.
- B. Cut all piping a minimum of 24" below grade.
- C. Remove concrete slabs on grade.
- D. Rough grade and compact areas affected by demolition to assure water draining.
- E. Remove demolished materials from site.
- F. Do not burn or bury materials on site. Leave site in clean condition.
- G. Remove temporary work.

5.4 Disposal

- A. All demolition material must be disposed of in a certified landfill and waste manifest tickets shall be furnished to the owner.
- B. Any material disposed of in a pit shall be documented as to the type of material disposed and the location of the pit. A copy of this documentation shall be furnished to the owner.