

SECTION 32 05 05

SELECTIVE DEMOLITION FOR EXTERIOR IMPROVEMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Demolition, removal, salvage and disposal of existing site features, fences, structures and materials where indicated on the drawings and as specified in this section.
- B. Demolition and removal of concrete foundations, sidewalks, concrete and asphaltic paving

1.02 RELATED SECTIONS

- A. Section 01 50 00 - Temporary Facilities and Controls
- B. Section 31 00 00 - Earthwork
- C. Section 32 92 00 – Turf and Grasses

1.03 SUBMITTALS

- A. Permits and Certificates.
 - 1. Permits and notices authorizing building demolition and site work.
 - 2. Certificates of severance of utility service.
 - 3. Permit for transport and disposal of debris.

1.04 PROJECT RECORD DOCUMENTS

- A. Submit under provisions of Division One specifications.
- B. Accurately record actual locations of capped utilities and subsurface obstructions.

1.05 REGULATORY REQUIREMENTS

- A. Conform to applicable State and local codes for demolition of structures, safety of adjacent structures, dust 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, sidewalks, or hydrants without written permission from DPS.
- E. Conform to applicable regulatory procedures when discovering hazardous or contaminated materials.

1.06 SCHEDULING

- A. Schedule and submit under provisions of Division One specifications...
- B. Provide detailed descriptions for demolition and removal procedures.

PART 2 PRODUCTS

2.01 FILL MATERIALS

- A. Fill Material: Use on site fill material under provisions of related Sections.

PART 3 EXECUTION

3.01 INSPECTION

- A. Verify areas to be demolished are unoccupied and discontinued in use.
- B. Do not commence work until conditions are acceptable to Engineer.

3.02 PREPARATION

- A. Provide, erect, and maintain temporary barriers, enclosures, security fences and shoring at demolition locations in accordance with Division One and other related specifications to protect personnel.
- B. Protect existing structures and utilities which are not to be demolished.
- C. Provide temporary wiring and connections to maintain existing telephone, electrical, instrumentation and control systems in service during construction.
- D. Protect designated trees and plants from damage.
- E. Mark location of existing utilities.

3.03 GENERAL REQUIREMENTS

- A. Sprinkle Work with water to minimize dust where applicable. Provide hoses and water connections for this purpose.
- B. Do not use water to extent causing flooding, contaminated runoff, or icing.
- C. Remove demolished material from the site Repair damage to adjacent structures.
- D. Remove existing exposed piping and electrical wiring and conduit to be abandoned to structural surface, cut flush, and finish to match existing surfaces.
- E. Remove buried piping, wiring, and conduit to be abandoned as required for the Work. Plug the remainder flush.

3.04 DISPOSAL

- A. Do not store or burn waste materials on-site.
- B. Transport demolition debris to designated off-site disposal area.

3.05 SITE DEMOLITION

- A. Coordinate demolition requirements, limits of demolition, salvage items, protection of items to remain trees fencing, etc., with DPS, Architect and Engineer, and relevant construction and phasing plans. Disconnect, remove, cap and identify designated utilities within demolition area.
- B. Remove asphalt paving, parkway, curb, gutter, sidewalk and other concrete work to facilitate construction. Remove concrete to nearest joint beyond demolition area.
- C. Remove and dispose of all existing site fencing where indicated on the drawings.
- D. Remove utility items where shown on the drawings and as required for the work. Additional demolition of paving , trees, utilities, structures, etc. to be performed as required for the work.
- E. Backfill areas excavated caused as a result of demolition, in accordance with related Division 32, Earthwork Sections.
- F. Rough grade and compact areas affected by demolition to maintain site grades and contours as shown on drawings.
- G. Remove demolished materials from site.
- H. Do not burn or bury materials on site, unless otherwise directed by DPS. Leave site in clean condition.

END OF SECTION 32 05 05