SECTION 02 41 00
DEMOLITION

PART 1 - GENERAL

1.01 DESCRIPTION

A. This section specifies demolition work.

B. Related Work Specified Elsewhere:
   1. Removal and Restoration of Existing Facilities: Section 02 43 17.

C. Definitions:
   1. Demolition: Complete removal and disposal of existing facilities from areas to be cleared and grubbed and from other areas shown.
   2. Existing facilities include, but are not restricted to, buildings, sheds, streetcar tracks, pavements, sidewalks, curbs and gutters, signs, posts, fences, drainage, sewage and other utility facilities located in the area to be cleared and grubbed.

1.02 SUBMITTALS:

Submit the following for approval in accordance with the General Requirements and with the additional requirements as specified for each:

A. Certification:
   1. Submit copy of request to utility companies owning or agency controlling services and appurtenances affected by demolition work for discontinuance of services along with certificates of severance.
   2. Documentation:
      a. Demolition permit from the jurisdictional agency or owner.
      b. Permits and releases from each owner of property where demolition debris will be deposited absolving the Authority of responsibility in connection with such disposal.

1.03 QUALITY ASSURANCE:

A. Codes, Regulations, Reference Standards and Specifications:
   1. Comply with codes and regulations of the jurisdictional authorities.

1.04

1.05 JOB CONDITIONS:

A. Buildings:
   1. Demolish buildings in place.

B. Street and Road Closures:
   1. Make arrangements with appropriate jurisdictional agency for temporary closing of public streets or highways to traffic as necessary.

2. Arrange with the appropriate agency for the rerouting of traffic and comply with its regulations.
3. Furnish and maintain temporary signs, barricades, flashing lights and flag persons necessitated by the work and remove same upon completion of work.

C. Maintenance of Traffic:
1. Construct, maintain and remove on completion of work, temporary canopies and other structures for protection of the public in accordance with applicable codes to ensure continuous safety of traffic.
2. Bridge cuts in traffic areas with steel plates or by other approved means.
3. Keep traffic areas free from debris and spillage of materials.
4. When demolition work interferes with bus loading facilities, provide and maintain surfaced areas at alternative locations or arrange rerouting with appropriate authorities for duration of work.

D. Protection and Restoration:
1. Prevent damage to pipes, conduits, wires, cables and structures above and below ground which are not designated for removal. Repair or replace damaged items.

E. Dust Control:
1. Conduct demolition, loading and hauling activities in a manner that minimizes the discharge of airborne dust to adjacent properties and walkways.

PART 2 - PRODUCTS

Not Used.

PART 3 - EXECUTION

3.01 PRESERVATION OF REFERENCES:

A. Prior to removal, record location and designation of survey markers and monuments located within demolition area. Store markers and monuments during period of work. Restore survey markers and monuments upon completion of work.

3.02 VECTOR (RODENT) CONTROL:

A. Prior to any demolition activities, undertake vector (rodent) control and extermination program in demolition areas. Vector control and extermination program shall conform to the requirements of the local jurisdictional authority.

3.03 REMOVAL OF PAVEMENTS, SIDEWALK, CURBS AND GUTTERS:

A. Demolish pavement, sidewalks, curbs and gutters within demolition area shown to underside of pavement and dispose of resulting debris. Remove and salvage stone curbing where shown. Dispose of six-inch granite curb.

B. Fill resulting excavations, holes and depressions to existing grade or alternative grade as shown, using fill material conforming to requirements of Section 02 32 00.

C. Adequately drain resulting surfaces.

3.04 DISPOSAL:

A. Remove debris resulting from demolition work to locations outside Authority's property.

B. Dispose of debris off site only with permission of property owner where such debris is to be deposited and in accordance with codes and regulations of the jurisdictional authorities.

C. Do not burn debris at demolition site.

END OF SECTION