

SECTION 02190 - DEMOLITION

PART 1 - GENERAL

1.01 SUMMARY

- A. This section covers miscellaneous site demolition (i.e., curbs, gutters, sidewalks, pavement, fencing, structures, etc...) and the disposal of the demolition debris associated with the Work.

1.02 SPECIFICATION MODIFICATIONS

- A. It is understood that throughout this section, these Specifications may be modified by appropriate items in Section 01015 – Specific Project Requirements or as indicated in the Contract Drawings.

1.03 RELATED SECTIONS

- A. Section 00700 – General Conditions.
- B. Section 01015 – Specific Project Requirements.
- C. Section 02575 – Surface Restoration.
- D. Section 02676 – Sewer Line Cleaning.
- E. Section 02949 – Tree Protection, Removal and Replacement.

1.04 CODES AND STANDARDS

- A. All applicable OSHA standards.

1.05 DEFINITIONS

- A. Demolition Debris:
 - 1. Site clearing debris, materials resulting from excavation, building demolition and waste materials from the construction of buildings. Demolition debris includes, but is not limited to, concrete, asphalt, brick, reinforcing steel, existing pipe and fittings.
 - 2. Demolition debris shall not include environmental pollutants, hazardous substances, contaminated products, by-products, samples or waste materials of any kind that are regulated under environmental laws.
 - 3. Demolition debris shall not include waste material resulting from sewer cleaning activities. This material shall be disposed in accordance with Section 02676 – Sewer Line Cleaning.
- B. Earthen and Rock Materials – Soil, rock and gravel are not considered demolition debris and shall be disposed of in accordance with Section 02200 – Earthwork.

1.06 INFORMATION PROVIDED BY THE CITY

- A. As provided in the Contract Documents.

1.07 SUBMITTALS

- A. Submit as specified in Section 01300 – Submittals.
- B. Other Submittals:
 - 1. Landfill Information – The Contractor shall submit for approval all proposed landfill sites to be used for the disposal of demolition debris. Submittals shall include a copy of the permit authorizing disposal at each landfill and whether the

landfill is within or outside the corporate city limits of the City of Kansas City, Missouri.

1.08 QUALITY ASSURANCE

- A. The Contractor is responsible for the quality assurance and quality control of the Work.

1.09 MATERIAL DELIVERY, STORAGE AND HANDLING

- A. As specified in the Contract documents.

1.10 APPROVED LANDFILLS

- A. All demolition debris shall be disposed of at a legal landfill or at a site where dumping of such materials is allowed under federal, state and local laws.
- B. Legal landfills for demolition debris are permitted by the Kansas City Board of Zoning Adjustment. For further information on approved dumpsites contact the City Planning and Development Department:

Development Management Division
Phone: (816) 513-1500.

- C. No demolition work shall be initiated until the landfill to be used for disposal has been approved in accordance with paragraph 1.07 SUBMITTALS.

1.11 USE OF UNAUTHORIZED LANDFILLS

- A. The disposal of demolition debris in an unauthorized landfill (whether intentional or inadvertent) is a violation of local ordinances and is prohibited. Failure to immediately remedy such a violation will be considered a failure of the Contractor to perform the Work in accordance with the Contract Documents.
- B. In the event of such a violation, the Contractor shall be subject to all local ordinance penalties.
- C. If illegal dumping is suspected, the City will provide notice of the violation to the Contractor in accordance with Section 00700 – General Conditions, Article 17.
- D. Upon receipt of the notification, the Contractor shall have five (5) working days to submit documentation that an authorized landfill was used or to submit a Remediation Plan to correct the violation.
- E. Remediation Plan:
 - 1. The Contractor shall submit a plan and schedule to relocate the demolition debris from the unauthorized landfill to an approved landfill and restore the unauthorized landfill to its previous condition.
 - 2. Upon approval of the plan by the City, the Contractor shall have no more than 15 calendar days to complete the work associated with the Remediation Plan.
- F. The work associated with the Remediation Plan and all penalties assessed for the violation is the sole responsibility of the Contractor. No additional payment will be made by the City and no adjustments to the Project Schedule will be made.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

3.01 DEMOLITION

- A. Remove existing structures, materials and debris as required to perform the Work and to install the improvements as shown on the Drawings.
- B. Equipment and Materials to be returned to the City:
 - 1. Equipment and materials that are to be removed and returned to the City shall be as specified in Section 01015 – Specific Project Requirements.
 - 2. Carefully remove or dismantle, in a manner to avoid damage, all materials and equipment indicated to be relocated or returned to the City.
 - 3. Any material or equipment which is specified or indicated to be relocated or returned to the City that is damaged by the Contractor, an assessment of condition/damage shall be made by the City/Design Professional and it shall be repaired or replaced at the Contractor's sole expense.
- C. Re-use of Materials and Equipment:
 - 1. Equipment and materials that are to be re-used on the Project shall be as specified in Section 01015 – Specific Project Requirements.
 - 2. Remove and store in a manner to avoid damage, staining and corrosion of materials; refurbish materials and equipment as required and reinstall as indicated in the Contract Documents.
- D. Materials not indicated or specified to be reused, relocated or returned to the City shall become the property of the Contractor and shall be disposed of as specified in this Section.
- E. Perform demolition work in such a manner to protect existing facilities, utilities, structures and property which are to remain, against damage from the Contractor's operations. Existing structures within or adjacent to the Site which are not to be removed or demolished shall be protected by the Contractor during construction. All private facilities, such as water service lines or sanitary sewer service laterals, which are disturbed or damaged by the Contractor's work shall be repaired by the Contractor prior to the close of the workday. The temporary repair shall be made in a manner sufficient to restore utility service to that property. The permanent repair shall be made the next calendar day.
- F. Make provisions for temporarily accommodating flows in existing facilities that are to be relocated or disturbed.
- G. Take precautions to guard against movement or settlement and provide shoring and bracing as necessary.
- H. If at any time the safety of the existing structure to remain is endangered, cease operations, notify the City/Design Professional and do not resume operations until receiving the City's/Design Professional's approval.
- I. Remove concrete by jack hammering, sawing, core drilling or other approved method.
- J. Remove existing pavement by jack hammering, sawing, digging or other approved methods. Pavement shall be sawed at points where indicated on the Drawings. If not indicated on the Drawings, pavement shall be sawed at points to meet the requirements of applicable permits and the requirements of Section 02575 - Surface Restoration.

END OF SECTION