

## **SECTION 102 - REMOVAL OF EXISTING FACILITIES**

### **102.01      DESCRIPTION**

This work shall consist of the removal, wholly or in part, and legal off-site disposal of existing facilities, including pavement, fences, curbing, walks, pipe, guardrails, structures and any other existing features which are not designated to remain as indicated in the Contract drawings and specifications or as directed by the M-NCPPC Construction Manager. The work shall also include salvaging of any designated materials and proper backfilling and stabilization of the resulting trenches, holes and pits. Items that are not specifically listed for removal as described herein will be performed under Section 200 Excavation, Filling and Grading or Section 101 Clearing and Grubbing.

### **102.02      REFERENCE STANDARDS**

M-NCPPC      Section 101 – Clearing and Grubbing  
                  Section 103 – Construction Waste Management and Disposal  
                  Section 200 – Excavation, Filling, and Grading  
                  Section 308 – Sediment and Erosion Control  
                  Section 721 – Tree Preservation

### **102.03      DEFINITIONS**

Existing Facilities are defined as all man-made material located within the limits of disturbance including but not limited to pavement, fencing, curbing, pipe, guardrails, structures, and sports and play equipment.

Salvage is defined as removing from existing location without unnecessary damage including storing and/or delivering as directed for future re-use by M-NCPPC Construction Manager.

### **102.04      MATERIALS**

- A. See Section 308 Sediment and Erosion Control for all sediment and erosion control measures required to be installed prior to removal of existing facilities.
- B. See Section 721 Tree Preservation for all tree protection fencing and other applicable tree root protection measures required to be installed prior to removal of existing facilities.

### **102.05      SUBMITTALS**

Not applicable.

### **102.06      QUALITY ASSURANCE**

Not applicable.

## **102.07            CONSTRUCTION**

- A. The Contractor shall remove all structures and obstructions or portion thereof as necessary for the satisfactory completion of the project and dispose of the aforementioned items off-site at the contractor's expense or as directed by the M-NCPPC Construction Manager. Any designated salvageable material shall be removed, without unnecessary damage, and shall be stored by the Contractor within the project limits as directed. Any materials designated to be salvaged and returned to M-NCPPC shall be protected and delivered to a place designated by the M-NCPPC Construction Manager or as stated in the contract documents. Any materials not designated to be salvaged shall follow Section 103: Construction Waste Management.
- B. Structures located in roadways or parking lots (culverts, pavement, etc.) shall be removed only when satisfactory arrangements have been made to accommodate traffic. Pipe that has been designated for removal and storage must be cleaned and carefully stored so as not to damage the sections of pipe.
- C. Pavement, walks and curbs to be removed either wholly or in part shall be cut neatly or removed at an existing joint. Asphalt pavement to be patched shall be a full depth saw cut at limits designated in the field. Where paved areas are designated for removal, all underlying gravel and sub-base material shall be removed.
- D. Existing drainage structures (manholes, inlets, catch basins) designated to be abandoned must be removed to a minimum of two (2) feet below finished subgrade or ground surface in a manner that will not damage pipes which are to remain. When directed, existing inlet and outlet pipes shall be sealed with masonry or concrete of a thickness two (2) foot minimum acceptable to the M-NCPPC Construction Manager. Drainage structure castings to be removed will become the property of the Contractor, unless indicated otherwise on the plans. Any portions of the drainage structure castings allowed to remain two (2) feet minimum below finished grade shall be properly backfilled so no void spaces remain.
- E. Playground equipment may not be sold or reused as playground equipment.

## **102.08            MEASUREMENT AND PAYMENT**

The accepted quantities of existing facilities removed and disposed of off-site, as directed, will be paid for at the contract lump sum or unit price as specified in the proposal, which shall be full compensation for removal and disposal. The Commission reserves the right to eliminate from this item any or all facilities. For each facility eliminated from this item, the item will be credited to the extent of the cost eliminated, which will be determined from a breakdown submitted by the contractor showing the tabulation of individual unit costs used in arriving at the contract prices for this item. A breakdown of existing facilities shall be submitted and accepted by the M-NCPPC Construction Manager prior to beginning work. The price bid shall include all labor, materials, and equipment required to perform the work. If this item is not listed in the bid items, it shall be considered incidental to the overall contract.