ITEM 202.80020010 - REMOVE AND DISPOSE EXISTING TYPE 1 PILE JACKETS
ITEM 202.80030010 - REMOVE AND DISPOSE EXISTING TYPE 2 PILE JACKETS
ITEM 202.80040010 - REMOVE AND DISPOSE EXISTING TYPE 3 PILE JACKETS

DESCRIPTION
This work shall consist of removing and disposing of existing pile jackets in accordance with the contract documents and as directed by the Engineer.

MATERIALS
None Specified.

CONSTRUCTION DETAILS
Prior to commencement of the work, the Contractor shall submit for approval detailed work plans and/or descriptions of his proposed removal methods and equipment, including methods for collection and disposal of debris generated by removal operations, and proposed disposal location.

Chipping hammers, if used, shall not exceed 30 pounds and shall be equipped with chisel-type bits. Pointed bits will not be permitted at any time. High pressure water blasting, if used, shall not exceed a pressure of 3,500 psi.

All previous repair mortars, steel shells, formwork and reinforcement shall be removed in their entirety to the original pile surface. Cut off existing bolts, reinforcement or studs projecting from original pile surface, where encountered during removal, and grind flush with the original pile surface. The Contractor shall exercise care during the execution of the work to avoid damaging adjacent material that is to remain. The removal methods used on the piles shall not be such as to cause additional damage to the pile surface. If the Engineer determines that sound pile concrete is being damaged as a result of the Contractor’s removal process, the Contractor will be directed to complete the work using a less destructive process. All damage caused by the Contractor’s operations to adjacent material to remain shall be repaired in a manner satisfactory to the Engineer at no additional cost to the State.

All waste material and removal debris shall become the property of the Contractor and shall be collected and disposed of legally. No debris shall be discharged into the waterway.

Additional Details – Type 2 Jacket Removal: Prior to commencing jacket removals, install stainless steel straps around the existing jacket to remain below the removal limit as shown on the contract drawings. Saw-cut the existing jacket shell its full thickness on all faces (perimeter) at the elevation shown in the plans. Completely remove the existing jacket portion above the sawcut line, angling all removal tools at an upward angle. Perform the work with care such that the existing jacket to remain is not damaged during removal. Where wire mesh or other reinforcement is encountered at the removal line, cut such reinforcement without damage to existing jackets to remain.

METHOD OF MEASUREMENT
This work will be measured as the number of linear feet of existing pile jackets satisfactorily removed and disposed.

BASIS OF PAYMENT
The unit price bid shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work. Stainless steel straps for Type 2 pile jackets will be paid for separately.