SECTION 02 41 00 – STRUCTURE DEMOLITION

1. GENERAL
   * + 1. SUMMARY
          1. Section Includes:
   1. Demolition shall consist of
      1. Demolition, removal and off-site disposal of all materials not earmarked for reuse, including asphalt pavement, concrete, stone, mortar, gates, conduits, appurtenances, and associated subsurface structures within the project limits.
      2. Demolition includes:
         1. Loading the materials not earmarked for reuse onto trucks and disposing of them at an offsite location in compliance with all applicable laws and regulations.
         2. SUBMITTALS
            1. Demolition Plan shall be submitted as part of the Construction Operations Plan (See Section 01 71 13) to the project Engineer and Owner for approval prior to the commencement of Work. The Plan shall detail intended sequence, means and methods for demolition of concrete, masonry, and other demolition at the site.
2. PRODUCTS (NOT USED)
3. EXECUTION
   * + 1. Structure Demolition
   1. Dam Removal
      1. The spillway on river left, left abutment, and any appurtenances associated with the river left side of Farwell Dam shall be demolished and removed, as well as submerged and partially submerged non-native material present in the river. The substructure of said structures has not been investigated in detail but will be removed- regardless of the nature of the material.
      2. The Contractor shall salvage and reuse stone as needed to construct site improvements.
      3. The Contractor shall demolish and remove the structure and associated items, as well as grade the final slopes, as shown on the Drawings and described herein.
   2. Upstream Dilapidated Trolly/Footbridge
      1. The dilapidated bridge, and any appurtenances associated with the bridge, located just upstream of the Farwell Dam shall be demolished and removed.
      2. Salvage and reuse the stone as needed to construct site improvements.
   3. Use of explosives will not be allowed.
   4. The Contractor shall perform the demolition in a controlled manner, with due regard to the safety and preservation of pedestrians, resident wildlife, RPR and staff, adjacent natural resources and his own forces.
   5. The Contractor should utilize demolition methods that will allow complete removal of demolition debris from the site. The Contractor shall prevent demolition debris or dust from entering areas outside of the limits of disturbance as shown on the Drawings.
   6. The Contractor shall utilize demolition methods that will not result in degradation or impairment of the existing natural resources and/or environmental qualities, including but not limited to water, soil or air quality.
   7. The Contractor shall perform breaking and debris size reduction as necessary for loading into transport vehicles and offsite disposal.
   8. Concrete and associated materials shall be loaded onto trucks and disposed of at an offsite location in compliance with all applicable laws and regulations.
   9. All structures slated for removal shall be removed as shown on the Drawings, leaving the native grade exposed. If the resulting grade conditions are deemed unsuitable to the RPR, excavate and remove a minimum of 1.0 foot below grade and replace with approved material.

END OF SECTION 02 41 00