

TRENCHLESS PIPE OBSTRUCTION REMOVAL

****From South Burlington-Colchester IM CULV(23)**

xx. DESCRIPTION. This work shall consist of removing obstructions when encountered during trenchless construction operations.

xx. GENERAL REQUIREMENTS. When a suspected obstruction is encountered, the Contractor shall promptly notify the Engineer and then proceed to implement the obstruction removal plan that was submitted and approved under the applicable trenchless construction specification. The Contractor shall notify the Engineer in writing of any significant changes in the means and methods to be used to remove obstructions from what was approved in earlier submittals.

Upon notification, the Engineer shall determine if an obstruction has been encountered that will cause an increase in the time required to accomplish the trenchless work. The Contractor will be notified of the Engineer's determination as to whether or not an adjustment of the Contract is warranted. If an adjustment is warranted, the Contract will be modified in writing accordingly. Any adjustment made will exclude loss of anticipated profits.

All tools and materials required to the remove the obstructions shall be available at the site at all times during the performance of trenchless construction and in sufficient quantities to avoid delays in the execution of this work.

xx. OBSTRUCTIONS. Obstructions may include man-made and/or man-placed materials and natural materials, such as boulders and tree stumps or logs, which require the use of special procedures and/or tools by the Contractor when the hole cannot be advanced using conventional procedures for advancing the heading. Such special procedures/tools may include but are not limited to chisels, boulder breakers, core barrels, air tools, and hand excavation. Subsurface obstructions at the staging areas for trenchless construction shall be removed by the Contractor. Drilling tools that are lost in the excavation shall not be considered obstructions and shall be promptly removed by the Contractor without compensation.

xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Trenchless Pipe Obstruction Removal) shall be measured to the nearest 0.5 hour of time required to clear the obstruction as specified in the complete and accepted work.

The following will not be included for measurement:

- (a) The first hour of time spent at each site clearing obstructions.
- (b) The time required for obtaining tools and materials for executing the approved obstruction removal plan. In addition, this time will not count toward the first hour of obstruction removal time.
- (c) Obstruction removal time for a pilot bore.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Trenchless Pipe Obstruction Removal) will be paid for at the Contract

unit price per hour. Payment will be full compensation for performing the work specified and for furnishing all materials, labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.630 Special Provision (Trenchless Pipe Obstruction Removal)	Hour