

PIPE RAMMING, OBSTRUCTION REMOVAL

**\*\*From South Burlington IM SCRP(3)**

- xx. DESCRIPTION. This work shall consist of removing obstructions when encountered during pipe ramming operations in accordance with these provisions, the Plans, and as directed by the Engineer.
- xx. OBSTRUCTIONS. When suspected obstructions are encountered, the Contractor shall notify the Engineer in writing and recommend a course of action to advance the pipe ramming hole in an expedient manner.

Upon written notification, The Engineer shall determine if an obstruction has been encountered and will cause an increase in the time required to accomplish the pipe ramming work. The Contractor will be notified of the Engineer's determination, 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.

Obstructions may include man-made and/or man-placed materials and natural materials, such as boulders, that require the use of special procedures and/or tools by the Contractor when the hole cannot be advanced using conventional ramming procedures. Such special procedures/tools may include but are not limited to chisels, boulder breakers, core barrels, air tools, and hand excavation. Subsurface obstructions at ramming locations 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 (Pipe Ramming, Obstruction Removal) shall be measured to the nearest 0.5 cubic meter (0.5 cubic yard) of obstruction material removed.
- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Pipe Ramming, Obstruction Removal) will be paid for at the Contract unit price per cubic meter (cubic yard). Payment will be full compensation for performing the work of overcoming encountered obstructions 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>
900.608 Special Provision (Pipe Ramming, Obstruction Removal)	Cubic Meter (Cubic Yard)