

RETIMING OF SIGNAL CORRIDOR

****From Waterbury NHG SGNL(43)**

- xx. DESCRIPTION. This work shall consist of deploying the traffic signal timings provided in the Plans for all signals in the corridor to be coordinated.

The final coordinated corridor is to consist of four signals:

- (1) MS-636 - VT 100 and I-89 Exit 10 SB Off-Ramp
- (2) MS-637 - VT 100 and I-89 Exit 10 NB Off-Ramp
- (3) MS-638 - VT 100 and Stowe St/Blush Hill Rd
- (4) MS-640 (Master Controller) - VT 100 and Shaw's Supermarket

The work under this Section shall be performed in accordance with these provisions, the Plans, and Section 678 of the Standard Specifications.

- xx. GENERAL REQUIREMENTS. Controller timings and coordination plans are provided in the Plans. These timings are to be deployed to the controllers in the coordinated corridor by a competent factory-trained representative of the manufacturer or by workers under the manufacturer's supervision.

Any errors, omissions, or other changes to the proposed timings shall be brought to the Engineer's attention.

The Traffic Engineer and Signal Technician shall be given a minimum of 48 hours notice prior to initial deployment of the timings.

Field adjustments may be necessary based on observation of actual traffic patterns or other analysis; field timing adjustments shall be made at the direction of the Engineer. Any changes to the proposed timings included in the Plans shall be documented and the final timings shall be provided to the Project Manager at the completion of the project.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Retiming of Signal Corridor) to be measured for payment will be on a lump sum basis in the complete and accepted work.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Retiming of Signal Corridor) will be paid for at the Contract lump sum price. Payment will be full compensation for all work and costs associated with the work, including any timing adjustments required by the Engineer during the 30-day test period.

The Contractor shall be responsible for all maintenance costs for all signals covered under this item in accordance with Section 678.

Payment will be made as follows:

- (a) 75 percent of the Contract unit price will be paid on deployment of the timings in a fully coordinated signal corridor. No payment will be made prior to successful interconnection of all signals.
- (b) The remaining 25 percent of the Contract unit price will be paid on successful completion of the 30-day test periods for any and all signals subject to such a test period under the Contract.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.645 Special Provision (Retiming of Signal Corridor)	Lump Sum