
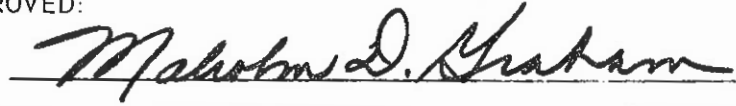


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TO: Director, Preliminary Plan Review Bureau SUPERSEDED BY EI 75-062 EFFECTIVE 11/13/1975	 ENGINEERING INSTRUCTION NEW YORK STATE DEPARTMENT OF TRANSPORTATION SUBJECT: SPECIFICATION CHANGES - SECTION 619, MAINTENANCE AND PROTECTION OF TRAFFIC Subject Code: 7.27
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input type="checkbox"/> Special APPROVED: 	Code: <u>EI 74-40</u> Date: <u>May 1, 1974</u> Supersedes:

As a result of the discussions and input at the recent Regional Design and Construction Engineers' Meeting in Albany, modifications have been made in Section 619--Maintenance and Protection of Traffic. These are attached herewith and will be used in P. S. & E's. in this office for the June 13, 1974 letting and thereafter.

Please note the guidelines established for determining methods of measurement in Engineering Instruction 74-34 (4/18/74) were stated to be effective for on-going contracts let prior to May 16, 1974. THIS SHOULD NOW BE EXTENDED TO JUNE 13, 1974 for the stated guidelines with the exception of Watchmen Service which was changed to the pay unit, per patrol, for the April and May lettings by amendment.

Also note, Items 619.07, 619.08, and 619.09, Watchmen Service Requirement A, B, and C, respectively, are now Item 15619.12, Watchmen Service, with the unit of payment, per patrol. In order to use the revised item, a note must be added to the plans stating, "Watchmen Service shall be provided by the Contractor in accordance with Requirement ____." You will choose the requirement level you need and estimate Requirement A on the basis of 128 patrols per week, Requirement B as 41 patrols per week, and Requirement C as 16 patrols per week. This is based on a 40 hour construction work week. The total number of patrols for the estimated duration of the contract plus some rounding should appear in the estimate.

Estimating the other items is straightforward and should not present any problems. If you have any questions, contact this office.

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- 15619.01 BASIC MAINTENANCE AND PROTECTION OF TRAFFIC
- 15619.02 CONSTRUCTION SIGNS
- 15619.03 DELINEATION & GUIDING DEVICES FOR CONSTRUCTION
- 15619.04 CONSTRUCTION BARRICADES
- 15619.10 MAILBOXES
- 15619.12 WATCHMEN SERVICE

DESCRIPTION. All the provisions of Section 619 - Maintenance and Protection of Traffic of the Standard Specifications of January 2, 1973 shall apply except as modified below:

Page 393

Under 619-1.06 Watchmen Service, in the second line, change the word "... Requirements ..." to "... Requirement ...".

Page 399

Under 619-3.07 Watchmen Service, in the second line, delete the word "... continuously ...".

Page 401

Delete the provisions of ADDENDUM NO. 1, Page 401 (1) 2/7/74 pertaining to 619-4.03 Delineation and Guiding Devices for Construction. Substitute the following:

"Delineation and guiding devices will be computed for payment by the number of stations (hundreds of feet) of delineation measured along the roadway centerline, regardless of the number of lines of delineation required within the same length of roadway. No quantity shall be computed for bridges, ramps, intersecting pavement or service roads, except when indicated on the plans or in the proposal. The quantity for divided roadways, where the distance between the inside edges of adjacent roadways is equal to or exceeds 36 feet, shall be computed lengths along the centerline of each roadway. The quantity for divided roadways where the distance between inside edges of adjacent roadways is less than 36 feet, shall be computed along the centerline between roadways.

Any succession of five or more continuous and adjacent delineated or guiding devices properly placed and spaced in accordance with the New York State Manual of Uniform Traffic Control Devices and the specifications or as directed by the Engineer, shall constitute a line of delineation, provided such spacing does not exceed two hundred (200) feet. Temporary pavement markings (striping) will be considered lines of delineation for continuous lengths of 100 feet or more."

Page 401

Under 619-4.04 Construction Barricades delete the first sentence and substitute the following as the first sentence:

"Barricades will be computed for payment by the number of stations (hundreds of feet) measured horizontally along the face of the barricade erected in substantially one location."

Page 402

Delete 619-4.07 Watchmen Service and Substitute the following:

619-4.07 Watchmen Service. Watchmen Service will be computed for payment by the patrol for the number of patrols approved by the Engineer and in accordance with either Requirement A, B, or C as designated on the plans or in the proposal. A patrol shall be defined as a complete coverage of the contract from limit to limit in such a manner that the watchmen can observe any vehicle, person, or condition of construction on the contract site. A patrol shall include "punching in" at all the designated points approved by the Engineer.

An occasional missed "punch" will not be considered unsatisfactory work performance under this item unless the Engineer determines that a pattern of irresponsibility has or is developing. The Engineer's determination shall govern in ascertaining reasonable and satisfactory work performance under this provision.

Page 402

Delete 619-4.08 Mailboxes and Substitute the following:

"Mailboxes will be computed for payment on the basis of each mailbox moved or replaced. Where multiple mailboxes are installed on a single post, payment shall be based upon the number of mailboxes so installed."

Page 402

Delete 619-5.01 Basic Maintenance and Protection of Traffic and Substitute the following:

619-5 BASIS OF PAYMENT, GENERAL.

No Payment will be made for each calendar day during which traffic is not maintained and protected adequately and safely in accordance with the specification requirements of this section including but not limited to basic maintenance and protection of traffic, construction signs, delineation and guiding devices, construction barricades lighting for construction barricades, temporary structures and approaches, watchmen service and mailboxes.

For each 24 hours or part thereof of unsatisfactory work for basic maintenance and protection of traffic, liquidated damages will be assessed as follows:

For Contracts with watchmen requirement A, \$300 per 24 hours.

For Contracts with watchmen requirement B, \$200 per 24 hours.

For Contracts with watchmen requirement C, \$100 per 24 hours.

When the Contractor is authorized by the Regional Director to provide a lesser requirement of watchmen service and he fails to provide adequate maintenance and protection of traffic, the amount of liquidated damages shall be that specified for the original requirement stated in the proposal or as shown on the plans.

If the Contractor fails to maintain and protect traffic adequately and safely for a period of 24 hours, the Engineer shall correct the adverse conditions by any means he deems appropriate, and shall deduct the cost of the corrective work from any monies due the Contractor. The cost of this work shall be in addition to the liquidated damages listed above.

If the Contractor fails to adequately conform to the provisions of any of the other items in this Section, to the degree that such failure is deemed by the Engineer to adversely affect the adequate basic maintenance and protection of traffic, the above liquidated damages will be assessed in addition to any payment deductions for inadequate work as specified herein. The assessment of liquidated damages will not exceed the above amount per 24 hours, regardless of the number of violations. However, where major nonconformance with the requirements of this specification is noted by the Engineer, and prompt Contractor compliance is deemed not to be obtainable, all work may be stopped by direct order of the Engineer, regardless of whether corrections are made by the Engineer as stated in the paragraph above.

619-5.01 Basic Maintenance and Protection of Traffic. The unit price bid per calendar day for basic maintenance and protection of traffic shall include all equipment, materials and labor necessary to adequate and safely maintain and protect traffic, except as provided for in separate payment items in the proposal.

In the event the Contractor fails to complete the contract prior to the completion date and is given an extension of time with assessments for engineering charges and/or liquidated damages, no payment will be made for those calendar days during the extension period.

Page 403

Delete 619-5.02 Construction Signs and Substitute the following:

619-5.02 Construction Signs. The lump sum bid shall include all material, equipment and labor necessary to erect, remove, relocate, protect, maintain or store any sign required to properly sign the contract. This item is to cover payment for all signs which are found necessary for the proper performance of the work regardless of whether they are actually shown in the contract plans.

The work required to remove and store existing markers and delineators and their supports shall be included in the price bid for this item.

Payment will be made at the lump sum price bid as follows:

Fifty (50) percent of the lump sum price bid shall be paid when ten (10%) of the contract work has been completed. The remaining fifty (50) percent shall be paid proportionally in accordance with the total contract work completed.

Page 403

Delete the provisions of ADDENDUM NO. 1 Page 403 (1) 2/7/74 pertaining to 619-5.03 Delineation and Guiding Devices for Construction.
Substitute the following:

619-5.03 Delineation and Guiding Devices for Construction. The unit price bid shall include all material, equipment, and labor necessary to install, move, and remove such devices. Permanent delineators or striping when installed in final locations will not be paid for under this item.

Payment will not be made more than once for any line of delineation for all construction operations up to and including the subbase and similarly not more than once for paving operations including shoulders.

Page 404

Delete 619-5.07, Watchmen Service, and substitute the following:

619-5.07 Watchmen Service. The unit price bid per patrol shall include all watchmen, labor, supervision, transportation, communication, and any equipment and materials necessary to carry out the work in either Requirement A, B, or C or as specified.

A patrol shall be considered one patrol regardless of the number of watchmen necessary to satisfactorily complete the work.

4/18/74

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