

**TECHNICAL SPECIFICATION 430  
MAINTENANCE AND PROTECTION OF TRAFFIC**

430.1 SCOPE OF WORK

This technical specification shall include identifying safety hazards and then furnishing all necessary labor, materials, testing, submittals, tools, and equipment including, but not limited, to signs, barricades, traffic drums, cones, flashers, construction fencing, flaggers, warning devices, temporary pavement markings, delineators, etc., to control vehicular and pedestrian traffic through and adjacent to the project area. These measures and actions shall safely maintain the accessibility of public and construction traffic by preventing potential construction hazards. This work shall also include all costs associated with the erecting, maintaining, moving, adjusting, cleaning, relocating, and storing the aforementioned materials as is necessary to ensure safe movement of vehicular and pedestrian traffic throughout the project area.

The Contractor may request that the Town approve the detouring of traffic around the construction area if it is in the best interest of public safety and the Town. Detouring shall be limited to normal construction hours and two way traffic patterns shall be re-established at the end of each work day.

Working hours shall be between the hours of 8:30 A.M. to 3:30 P.M., Monday through Friday. Additional hours may be approved by the Engineer.

430.2 MATERIALS

All materials under this item including any warning devices, such as signs, barricades, flashers, cones, drums, vests, paddle signs, delineators, and other incidentals necessary to protect the work area and maintain vehicular and pedestrian traffic through and adjacent to the project area shall be in accordance with the Manual of Uniform Traffic Control Devices, as amended, or as approved by the Engineer.

430.3 SUBMITTALS

The following submittals shall be submitted to the Engineer for review and approval prior to installation:

- Material certifications for all cones, drums, and barricades

#### 430.4 TRAFFIC CONTROL

The Contractor shall keep the roadway under construction open to vehicular and pedestrian traffic for the full length of the project. Traffic is to be maintained on one section of existing pavement, proposed pavement, or a combination thereof. Alternating one way traffic may be utilized and limited to a maximum length of 500 feet during construction hours. Lane width for alternating one-way traffic shall be kept to a minimum width of 10 feet, or as directed by the Engineer. A sufficient number of travel ways and pedestrian passways shall be provided to move that traffic ordinarily using the roadway. The travel lanes and pedestrian passways shall be drained and kept reasonably smooth, and in a suitable condition at all times in order to provide minimum interference to traffic consistent with the prosecution of the work. Suitable ingress and egress shall be provided at all times where required for all intersections, driveways, and for all abutting properties having legal access.

Traffic patterns shall conform to the Connecticut Department of Transportation Special Provision Item 0971001A - Traffic Control Plans & Typical Materials.

For such instances where detouring is unavoidable, the Contractor shall provide the Engineer a proposed detour route that will be subject to the Town's approval prior to the beginning of construction activities. For any instance when the Contractor proposes to detour traffic, the Engineer shall be provided a minimum of 72 hours notice. The right to detour traffic is not implied and the decision to do so will be the sole responsibility of the Town.

Where flashers or other warning devices are used, all signs shall be erected and placed in accordance with the Manual of Uniform Traffic Control Devices, as amended.

The Contractor shall furnish a sufficient number of traffic control devices such as signs, barricades, traffic drums, cones, flashers, construction fencing, flaggers, warning devices, temporary pavement markings, and delineators to forewarn traffic of the impending construction and to guide the traveling public through the construction safely.

All signs in any one signing pattern shall be mounted the same height above the roadway. The Contractor shall keep all signs in proper position, clean, and legible at all times. Care shall be taken so that weeds, shrubbery, construction materials, equipment, and soil are not allowed to obscure any sign, light, or barricade. Signs that do not apply to construction conditions should be removed or adjusted so that the legend is not visible to approaching traffic.

Snow removal and correction of icy conditions that prohibit or impede traffic within the roadway, other than those resulting from the Contractor's operations, will remain an obligation of the Town.

All proposed construction area traffic control is subject to the review and approval by the Engineer, or Windsor Police Department. If the traffic control is deemed unacceptable or

hazardous, construction operations may be suspended until the Contractor corrects the traffic control issue. The construction suspension shall be at the Contractor's expense.

Emergency Situations

The Contractor shall provide the Town of Windsor with the names, addresses, and telephone numbers of at least two employees residing in the Windsor area who will be responsible and in charge and may be contacted in case of necessary or emergency work.

430.5 MEASUREMENT

Measurement for this item will be based on a lump sum basis to perform all the work described above. Should the project be increased in scope due to construction changes beyond the above requirements, the Contractor can claim additional compensation as extra work at that time. Likewise, any reduction in the scope of work, the Town will request a suitable credit for work not performed.

430.6 PAYMENT

Payment for this item will be based on the contract Lump Sum price including all labor, materials, testing, submittals, tools, and equipment necessary to perform the work. Partial payments for this item will be made based on the percentage completion of the overall work. If called upon to do emergency work, or to repair damage caused by natural or manmade disasters, such emergency work shall be considered as extra work for which the Contractor can claim reimbursement for reasonable expenses. Should the Contractor fail to perform any of the work required under this technical specification, the Town of Windsor may perform or arrange for others to perform such work. In such cases, the Town will deduct from money due or to become due the Contractor, all expenses connected therewith.

<b>PAY ITEM</b>	<b>PAY UNIT</b>
Maintenance and Protection of Traffic	L.S.