

This specification outlines the requirements when roadway traffic is to be accommodated during construction. Under certain conditions, construction and maintenance activity on or along a roadway may require traffic lane restrictions including the use of a flag person to expedite the work and to safely guide motorists through the work site area. This section specifies the appropriate materials, equipment and signs to enable traffic lane restrictions under such circumstances.

PART 1 REFERENCES

This specification refers to the following standards, specifications, or publications:

Government of Newfoundland and Labrador, Department of Transportation and Infrastructure

TI Traffic Control Manual

Transportation Association of Canada

Transportation Association of Canada, Manual of Uniform Traffic Control Devices for Canada (MUTCDC)

PART 2 GENERAL

2.1 SUBMITTALS

- .1 Design and submit to the Owner for approval a Traffic Control Plan that is site and for the Project specific.

2.2 PROTECTION OF PUBLIC TRAFFIC

- .1 Comply with requirements of the Department Traffic Control Manual and MUTCDC, Acts, Regulations and By-Laws in force for regulation of traffic or use of roadways upon or over which it is necessary to carry out work or haul materials or equipment.

- ~~2.1 Design and submit to the Owner for approval a Traffic Control Plan for the Project.~~

3.2 When working on travelled way:

- .1 Place equipment in position to present minimum of interference and hazard to travelling public.
- .2 Keep equipment units as close together as working conditions will permit and preferably on same side of travelled way.
- .3 Do not leave equipment on travelled way overnight.

~~.3~~ Implementation of the Traffic Control Plan may not proceed without the approval of the Owner.

~~.4.1~~ -Before re-routing traffic, erect suitable signs and devices in accordance with instructions contained in MUTCDC. ~~Provide sufficient crushed gravel to ensure a smooth riding surface during work.~~

~~.4~~ Keep travelled way well graded, free of pot holes and of sufficient width that required number of lanes of traffic may pass.

~~.5.1~~ Provide sufficient crushed gravel to ensure a smooth riding surface during work.

~~.5~~ When deemed necessary by Owner, provide well graded, gravelled or paved detours or temporary roads to facilitate passage of traffic around restricted construction area.

~~.1~~ -Maintain roadway.

~~.2~~ -Provide and maintain signs and lights.

~~.6.3~~ -Owner will pay for gravel surfacing, dust palliative or paving of detour or temporary road at Contract prices appropriate to such work.

~~.7.6~~ Provide and maintain reasonable road access for Public Traffic and egress to property fronting along or in vicinity of work under Contract unless other reasonable means of road access exist.

2.22.3 INFORMATIONAL WARNING DEVICES

.1 Provide and maintain signs and other devices required to indicate construction activities or other temporary and unusual conditions resulting from project work that may require road user response.

.2 Design, supply and erect signs, delineators, barricades and miscellaneous warning devices in accordance with MUTCDC and Sections 01571 – Informational Warning Devices, 01572 – Location & Placement of Signs, 01573 – Delineation Devices, 01574 - Barricades, and 01575 – Miscellaneous Warning Devices.

.3 Place signs and other devices in locations as approved in the Traffic Control Plan.

~~.4~~ ~~Submit the Traffic Control Plan to the Owner for approval.~~

~~.5.4~~ Continually maintain traffic control devices in use by:

.1 Checking signs daily for legibility, damage, suitability and location. Clean, repair or replace to ensure clarity and reflectance.

- .2 Removing or covering signs that do not apply to conditions existing from day to day.

PART 3 PRODUCTS

3.1 NOT APPLICABLE

PART 4 EXECUTION

4.1 CONTROL OF PUBLIC TRAFFIC

- ~~.1 Traffic Control shall be Site and / or Project specific and in accordance with the Site Safety plan approved by Occupational Health and Safety Division.~~

4.2 FLAG PERSONS

- .1 The TI Traffic Control Manual provides guidelines for flag persons and should be consulted when a flag person is required to comply with the MUTCDC and the Traffic Control Plan.
- ~~.2 Contractors are advised that Provide competent flag personnel, only employees who are trained in accordance with the Traffic Control Person Certification Training program administered through Workplace NL or similar, can be claimed under this section.~~

PART 5 PAYMENT

5.1 MEASUREMENT FOR PAYMENT

- .1 Flag persons wages will be measured by the hour. If there is a change to the scope of work approved by the Regional Engineer then this quantity may be adjusted during construction. Contractors are advised that only employees who are trained in accordance with the Traffic Control Person Certification Training program administered through Workplace NL can be claimed under this section.
- .2 Traffic control shall be measured by lump sum.
- .3 The gravel surfacing, dust palliative, or paving of a detour or temporary road shall be measured by lump sum for the details provided in the Contract Documents.

5.2 BASIS OF PAYMENT

- .1 All other costs associated with the work outlined in this specification shall be deemed to be included in the appropriate unit and lump sum prices quoted as outlined in the Measurement for Payment subsection of this section and as included in the MERX Schedule of Quantities and Prices
- .2 The Owner will pay the flag person hourly wage at the unit price quoted in the MERX Schedule of Quantities and Prices up to the quantity given in the MERX Schedule of Quantities and Prices only. Any amount over that quantity is at the contractor's expense and considered incidental to various other unit prices as appropriate. Contractors should check the quantity prior to tender closing as compared to their traffic control plan and notify the Owner if variations are significant and an amendment may be issued. If there is a change to the scope of work approved by the Regional Engineer then this quantity may be adjusted during construction.
- ~~.3 Contractors are advised that only employees who are trained in accordance with the Traffic Control Person Certification Training program administered through Workplace NL or similar can be claimed under this section.~~
- .3 No payment will be made for flag person's wages for repairs of defective work.
- .4 Traffic Control shall be compensation in full for all labour, materials, and use of equipment and devices required to safely accommodate traffic for all operations throughout the entire duration of the project.
- .5 The Contractor shall be paid for Traffic Control based on a percentage of the tender value they completed during the pertinent progress payment period. A minimum value of 10% of this lump sum cost is to be paid on the first progress estimate.
- .6 If the Department of Transportation and Infrastructure and the Contractor agree to perform extra work outside of the Scope of Work identified in the original contract, "Traffic Control" Lump Sum price will be pro-rated based on a cost of extra work completed compared to the total original contract value.
Specific and unique signage for detours or temporary roadways will be measured in accordance with 01580 – Project Signs & Sign Supports.