

PART 1 - GENERAL

- 1.1 RELATED SECTIONS .1 Section 010010 – General Instructions
.2 Section 011400 – Work Restrictions
- 1.2 BASIS OF PAYMENT 1 Traffic control & Construction Site pedestrian Control Plan - The work under this item consists of all traffic control required to construct the roads, utilities and associated works including any demolition and removals. Control and protection of vehicular, pedestrian and cyclist traffic is included under this item. The Contractor shall supply, locate, relocate, erect, operate, maintain and remove all temporary traffic control devices and supply flagpersons as required by the construction operations. The supply, placement and maintenance of advanced warning signs indicating sidewalk or pathway closures or detours is also included as part of the work. The number, configuration and location of all traffic control devices shall be in accordance with the MUTCD and shall be in both official languages.
.2 Payment at the contract lump sum price shall be full compensation for all labour, materials and equipment to do the work.
- 1.3 REFERENCES .1 Ministry of Transportation, Ontario (MTO)
.1 Ontario Traffic Manual, Book 7: Temporary Conditions.
- 1.3 SUBMITTALS .1 Submit detailed traffic plan for each phase of work to Departmental Representative for review no later than ten (10) days prior to mobilization of respective phase.
.1 Identify vehicle traffic flow distinguished by size of vehicles where applicable.
.2 Show lane reductions and flagmen. Indicate estimated dates and duration.
.3 Show access points to approved work sites.
.4 Show safe routes for pedestrian traffic flow.
.5 Include the location of the proposed signage for traffic control including content.
.6 Approval of traffic plan must be obtained from Departmental Representative in writing before construction activities of respective phase begin.
- 1.4 PROTECTION OF PUBLIC TRAFFIC .1 Comply with requirements of 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 When working on travelled way:
.1 Place equipment in position to minimize interference and hazard to travelling public.
.2 Keep equipment units as close together as working conditions permit and preferably on same side of travelled way.
.3 Do not leave equipment on travelled way overnight.

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- .3 Close lanes of road only after receipt of written approval from Departmental Representative.
 - .1 Before re-routing traffic erect suitable signs and devices to Manual of Uniform Traffic Control Devices for Streets and Highways and Ontario Traffic Manual, Book 7: Temporary Conditions.
 - .4 Keep travelled way graded, free from pot holes and of sufficient width for required number of lanes of traffic.
 - .1 Provide 7 m wide minimum temporary roadway for traffic in two-way sections through Work.
 - .2 Provide 5 m wide minimum temporary roadway for traffic in one-way sections through Work.
 - .5 Provide and maintain road access and egress to property fronting along Work under Contract and in other areas as indicated, except where other means of road access exist that meet approval of Departmental Representative.
 - .6 Provide temporary hard surfaces for any pedestrian traffic detour routes. All pedestrian surfaces to be universally accessible.
- 1.5 INFORMATIONAL AND WARNING DEVICES
- .1 Provide and maintain signs, flashing warning lights and other devices required to indicate construction activities or other temporary and unusual conditions resulting from Project Work which requires road user response.
 - .2 Supply and erect signs, delineators, barricades and miscellaneous warning devices to Manual of Uniform Traffic Control Devices for Streets and Highways and Ontario Traffic Manual, Book 7: Temporary Conditions.
 - .3 Signs with text shall be printed in both official languages.
 - .4 Place signs and other devices in locations recommended in Manual of Uniform Traffic Control Devices for Streets and Highways Ontario Traffic Manual, Book 7: Temporary Conditions.
 - .5 Meet with Departmental Representative prior to commencement of Work to prepare list of signs and other devices required for project. If situation on site changes, revise list to approval of Departmental Representative.
 - .6 Continually maintain traffic control devices in use:
 - .1 Check signs daily for legibility, damage, suitability and location. Clean, repair or replace to ensure clarity and reflectance.
 - .2 Remove or cover signs which do not apply to conditions existing from day to day.
- 1.6 CONTROL OF PUBLIC TRAFFIC
- .1 Provide competent flag personnel, trained in accordance with, and properly equipped to Manual of Uniform Traffic Control Devices for Streets and Highways and Ontario Traffic Manual,

Book 7: Temporary Conditions for situations as follows:

- .1 When public traffic is required to pass working vehicles or equipment that block all or part of travelled roadway.
- .2 When it is necessary to institute one-way traffic system through construction area or other blockage where traffic volumes are heavy, approach speeds are high and traffic signal system is not in use.
- .3 When workmen or equipment are employed on travelled way over brow of hills, around sharp curves or at other locations where oncoming traffic would not otherwise have adequate warning.
- .4 Where temporary protection is required while other traffic control devices are being erected or taken down.
- .5 When equipment is employed on the National Capital Commission (NCC) National Recreational Pathway or any other pedestrian path on Parliament Hill.
- .6 When offloading material or equipment on public roadways.
- .7 For emergency protection when other traffic control devices are not readily available.
- .8 In situations where complete protection for workers, working equipment and public traffic is not provided by other traffic control devices.
- .9 Delays to public traffic due to contractor's operators: 15 minutes maximum.

1.7 OPERATIONAL REQUIREMENTS

- .1 Maintain existing conditions for traffic throughout period of contract except that, when required for construction under contract and when measures have been taken as specified and approved by Departmental Representative to protect and control public traffic
- .2 Where reduction of traffic to one lane is required for construction under contract, Contractor must:
 - .1 Plan into the project schedule.
 - .2 Submit to Departmental Representative location, time, duration and phasing of lane reduction, description of reduction and proposed procedures for approval a minimum of ten (10) days in advance of the lane closure.
 - .3 Departmental Representatives may require that all or part of work requiring lane reduction occur After Hours or during Parliamentary Recess.
 - .4 No more than eight (8) spots may be closed at any given time, unless otherwise approved by the Departmental Representative.

- .3 Maintain existing conditions for traffic crossing right-of-way except when required for construction and with approval of Departmental Representative, existing conditions for cross traffic restricted as follows:
 - .1 Delays to public traffic: maximum 15 minutes.
- .4 Occupant parking spaces must remain accessible at all times throughout period of contract except that, when required for construction under contract and when measures have been taken as specified and approved by the Departmental Representative.
- .5 Where closure of occupant parking spots is required for construction under contract, Contractor must:
 - .1 Plan into the project schedule.
 - .2 Submit to Departmental Representative location, time, duration of parking closures ten (10) days in advance of the proposed closure for approval.
 - .3 Departmental Representatives may require that all or part of work requiring parking closures occur After Hours or during Parliamentary Recess.
 - .4 No more than eight (8) spots may be closed at any given time, unless otherwise approved by the Departmental Representative.
- .6 No parking on the grounds of Parliament Hill
- .7 Offloading of material or equipment on public roadways is not permitted throughout period of contract except that, when required for construction under contract and when measures have been taken as specified and approved by Departmental Representative to protect and control public traffic
- .8 Where offloading of material or equipment on public roadways is required for construction under contract, Contractor must:
 - .1 Submit to Departmental Representative location, time, duration of offloading a minimum of five (5) days in advance of the activity.
 - .2 Departmental Representatives may require that all or part of work requiring offloading occur After Hours or during Parliamentary Recess.
 - .4 Maintain one lane of Library Drive open at all times.

PART 2 - PRODUCTS

NOT USED.

PART 3 - EXECUTION

NOT USED.

***** END OF SECTION *****