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**Part 1 -General**

**1.01 Description**

- .1 This Section specifies requirements for control of traffic during construction operations on Region of Durham contracts.

**1.02 Related Specification**

- .1 Ontario Traffic Manual (OTM), Book 7 - Temporary Conditions, current revision.
- .2 OPSS.MUNI 706 - Construction Specification for Traffic Control Signing.

**1.03 General**

- .1 Conduct operations along roads and highways in accordance with Ontario Traffic Manual (OTM), Book 7 - Temporary Conditions, current revision.
- .2 Maintain work site in a condition, which shall allow access for Region of Durham staff and vehicles.
- .3 Comply with local essential services, transit, school busses, municipalities, affected stakeholders and waste collection regarding notification of all interested parties concerning the construction work and provisions for traffic movement.
- .4 Provide paid duty police officers for traffic control affecting traffic flow within 30m of a signalized intersection where traffic is required to move against normal traffic signal cycles.
- .5 Comply with all Region of Durham and Local Municipalities traffic regulations and by-laws.

**1.04 Traffic Control and Staging Plan**

- .1 Submit a traffic control and staging plan for review by the Contract Administrator at least two (2) weeks prior to commencement of construction activities and material deliveries. Include both a narrative description of the proposed construction methods and a neat, dimensioned drawing showing typical layout of traffic control measures in each stage of the work and how the Contractor intends to maintain traffic as specified in the Contract Documents provide specific references to appropriate typical layouts in OTM. Traffic control plan shall consider the movement of both vehicular and pedestrian traffic and the impacts on abutting properties and businesses. Ensure that properties with more

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- than one entrance shall have a minimum of one entrance maintained at all times.
- .2 Design roadway work zones with specific consideration for worker safety, road user and pedestrian safety, and community mobility, with proper advanced warning of the work zone and proper site identification.
  - .3 If the Contractor requires any temporary deviations from the above, the Contractor must receive approval from the Contract Administrator. The Contract Administrator must receive a minimum of three (3) working days notice prior to the Contractor's proposed temporary deviations.
  - .4 The required number of traffic lanes shall be maintained in good condition with a minimum of 3.3 m width per lane. **Unless otherwise specified, all traffic lanes, including any temporary lanes, to be asphalt surfaced.** Any rutting, potholes or other significant surface deterioration shall be repaired immediately.
  - .5 The Contract Administrator reserves the right to order the Contractor to retain the services of an acceptable traffic control specialist firm if, in the Contract Administrator's sole opinion, the Contractor continually fails to provide acceptable traffic control measures.
  - .6 The Contract Administrator may issue a Stop Work Order to the Contractor if the Contractor's operations jeopardize the safety of the public. In such case, the Contractor shall immediately make the Work Area safe and comply with the Stop Work Order. The Contractor shall not be permitted to continue working until he can demonstrate to the satisfaction of the Contract Administrator that traffic control shall be carried out in an acceptable manner. Issuance of a Stop Work Order for this, or any other cause, shall be at the sole expense of the Contractor. The Contract Administrator shall not consider an extension of the time to substantially perform or complete the Work due to issuance of any Stop Work Order with regards to traffic control.

### **1.05 Signing and Barricading**

- .1 The Contractor shall be responsible to supply and erect all construction signs, barricades, delineators, flashing lights and such other devices and protection as may be required by the Ontario Traffic Manual, Book 7 and the Contract Drawings both inside and outside the Working Area. Any other traffic control devices ordered by the Contract Administrator shall be paid “extra over” to the Contract.
- .2 The Contractor shall be responsible for the supply, installation, maintenance and removal of all detour signage at all approaches to the Working Area.
- .3 The contractor shall perform daily monitoring, inspections and provide written records of inspections to the Contract Administrator on all signage and devices included in the Traffic Control Plan. The Contractor shall ensure correct placement, maintenance, and operation of all signage and devices as per OTM Book 7. Deficient signage and devices shall be corrected, repaired and or replaced immediately. Temporary traffic control measures may be required until the deficiencies are corrected.

### **1.06 Delivery and Trucking**

- .1 Plan and schedule the routes of vehicles transporting all materials to, from or within the Working Area, so that vehicular movements are accomplished with minimum interference and interruptions to traffic.
- .2 The Region of Durham reserves the right to alter or reject proposed delivery and trucking routes as considered necessary. The Contractor shall notify suppliers of materials and equipment of the above requirements.

### **1.07 Vehicular Access to Adjacent Properties**

- .1 Vehicular access to all properties within and adjacent to the Working Area shall be maintained at all times except when Contractor’s operations reasonably necessitate a temporary restriction. Such restrictions shall be kept to a minimum and shall be co-ordinated with the affected property owner or occupant. Vehicular access shall be the responsibility of the Contractor. All traffic arrangements shall be subject to the approval of the Contract Administrator and the Local Municipalities.

**1.08 Road Closure Procedure**

- .1 The following procedures shall apply for any work requiring the temporary closure of a Regional Road.
- .2 The Contractor shall provide the Region a minimum of fifteen (15) Working Days advanced notice of a planned road closure where such closure is permitted in the Contract.
- .3 The Region will notify Emergency Services, School Boards, Bus Companies, Durham Region Transit and Local Municipalities before the Contractor may close any roadway to traffic. The Contractor is responsible for advance notice and detour signing.

**1.09 Basis of Payment**

- .1 Payment to be included in the appropriate Traffic Control tender item. Where a specific Traffic Control item is not included in the Tender, include all costs for Traffic Control under Mobilization and Demobilization.

END OF SECTION