

**CW 1130 - SITE REQUIREMENTS**

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## **CW 1130 - SITE REQUIREMENTS**

### **1. DESCRIPTION**

- .1 This specification covers requirements for regulatory activities within and adjacent to the Site during construction of the Work.

### **3. CONSTRUCTION METHODS**

#### **3.1 Site Safety**

- .1 Follow safety requirements of “W210 The Workplace Safety and Health Act” and “Guidelines for Confined Entry Work”.

#### **3.2 Safety In and Around Landfill Sites**

- .1 Contact the Water and Waste Department, Solid Waste Division to determine if the Site is within the boundary of an abandoned landfill, dump, disposal site or the adjacent control zone.
- .2 Control zone of a landfill, dump or disposal site is an area in which specific policies apply with respect to development and construction. Control zones can vary in size from 15 metres to 90 metres beyond the boundary of a landfill, dump and disposal site.
- .3 Notify the Solid Waste Division where the Work or a portion of the Work is within the control zone of a landfill, dump or disposal site.
- .4 Obtain safety precaution guidelines from the Solid Waste Division and develop and submit a safe work plan acceptable to the Solid Waste Division before beginning work. The Safety precaution guidelines are in addition to Provincial regulatory requirements. Most restrictive requirements will govern.

#### **3.3 Surface Restoration**

- .1 Restore damaged and disturbed surfaces within and adjacent to the Site as directed by the Contract Administrator where restoration is not indicated in the Specifications or shown on the Drawings.
- .2 Restore damaged and disturbed surfaces to a condition equal to or better than original condition and in accordance with the City of Winnipeg Streets By-law.
- .3 Maintain damaged and disturbed surfaces including pavements, boulevards, curbs, sidewalks, ditches and culverts as directed by the Contract Administrator until permanent repairs and restoration have been made.
- .4 Complete permanent surface restorations within the time period identified in the Specifications or in accordance with the City of Winnipeg Streets By-law when the Work is being done under a permit.
- .5 Damaged and disturbed surfaces not maintained as directed by the Contract Administrator or permanent surface restorations not completed within the specified time period may be maintained and restored by the City or its' designate in accordance with Clause GC:18 and

GC:19 of the General Conditions for Construction Contracts.

- .6 Where work is being carried out on more than one street or one location, each street or location will be considered a separate Site. The Contract Administrator may direct that restoration be completed at previous Sites before allowing work to start at subsequent Sites if it is deemed restoration is falling behind the specified time requirements.

### **3.4 Disposal of Waste Material**

- .1 Haul and dispose of waste material excavated from the Site including surplus, suitable, unsuitable and other material removed in accordance with the Specifications to a disposal location approved by the Contract Administrator.
- .2 The City reserves the right to direct material to be hauled to a local site indicated in the Specifications.
- .3 Clean up material dropped or spilled during hauling operations as directed by the Contract Administrator.

### **3.5 Truck Travel Routes**

- .1 Follow truck travel routes identified in the Specifications or where not indicated in the Specifications use the shortest travel route to the closest designated truck route in accordance with The City of Winnipeg Traffic By-Law.
- .2 Provide truck travel routes to the Contract Administrator for approval where routes are not identified in the Specifications.

### **3.6 Maintenance of Traffic and Access**

- .1 Maintain safe passage for vehicular and pedestrian traffic through the Site or divert traffic around the Site in accordance with the Drawings and Specifications and as directed by the Contract Administrator.
- .2 Maintain and provide access to existing residences, buildings, driveways, parking lots and other locations in accordance with the Drawings and Specifications and as directed by the Contract Administrator.
- .3 Pile and store construction materials and equipment in a location that will not interfere with ordinary use of streets and sidewalks or present a hazard to motorists and pedestrians.

### **3.7 Traffic Control**

- .1 Supply, erect, maintain and remove applicable traffic control devices, provide flag persons and follow traffic control procedures in accordance with the most recent edition of The City of Winnipeg, "Manual of Temporary Traffic Control on City Streets". **The manual is only available online at:**

<https://winnipeg.ca/publicworks/trafficControl/manual-temporary-traffic-control.stm>

- .2 Immediately correct non-compliant traffic control signing as directed by the Contract Administrator. The Contract Administrator may suspend work until the improper signing is corrected. Claim for delay of work or contract extension due to this action will not be approved.

**3.8 Parking Restrictions**

- .1 Provide a minimum of 48 hours notice to the Contract Administrator to allow arrangements to be made with The City of Winnipeg Traffic Services Branch and Winnipeg Parking Authority to implement parking restriction signing for regulated parking and parking meter hooding within and adjacent to the Site.
- .2 Notify the Contract Administrator immediately upon completion of work to allow arrangements to be made with Traffic Services Branch and/or Winnipeg Parking Authority to reinstate parking.
- .3 The City will pay costs for parking restriction signing for regulated parking and parking meter hooding required for City of Winnipeg Construction Contracts as approved by the Contract Administrator.
- .4 Make own arrangements with The City of Winnipeg Traffic Services Branch and Winnipeg Parking Authority to implement parking restriction signing for regulated parking and parking meter hooding within and adjacent to the Site for work done under permit.

**3.9 Dust Nuisance**

- .1 Take measures to prevent creation of dust nuisance from construction operations and public traffic within the Site and on haul routes used for hauling Materials to and from the Site.
- .2 Clean streets with mechanical street sweepers during and after completion of work within the Site and on haul routes used for hauling materials to and from the Site to the satisfaction of the Contract Administrator.

**3.10 Restricted Work Hours**

- .1 Provide a minimum of 48 hours notice to and obtain written permission from the Contract Administrator to perform work between 2200 hours and 0700 hours including Saturdays, Sundays or Civic or Public Holidays.
- .2 Conform to applicable by-laws, ordinances, regulations and codes in accordance with Clause GC:6.11 and GC:6.12 of the General Conditions for work performed outside regular working hours regardless of Contract Administrator's approval.

**3.11 Encroachment Onto Private Property**

- .1 Confine work to public right-of-ways and other designated City owned land and easements except if written permission has been given by the owner to enter onto private property. Provide the Contract Administrator with a copy of the written permission received prior to entering onto private property.

**3.12 Temporary Relocation of Affected Structures**

- .1 Temporarily relocate portable structures such as benches, mail boxes, news boxes, waste bins or vending machines as directed by the Contract Administrator which will interfere with the construction of the Work. Move the portable structures back to their original location after completion of the Work unless otherwise directed by the Contract Administrator.

**3.13 Damage to Existing Structures and Property**

- .1 Repair damage done to existing adjacent structures and properties during construction of the Work to the satisfaction of the owner and the Contract Administrator.

**3.14 Protection of Survey Infrastructure**

- .1 Known survey infrastructure including survey posts, bars, cut crosses and geodetic control monuments located in the vicinity of the Work has been confirmed by the City of Winnipeg Geomatics Branch and is shown on the Drawings.
- .2 Contact the Geomatics Branch, Survey Infrastructure Protection Program telephone line at 918-1360 (0800 to 1600 hours Monday to Friday excluding holidays) at least 3 days prior to starting the Work to allow Geomatics Branch to locate, mark and confirm the physical condition of known survey infrastructure in the vicinity of the Site. Further information is available at <http://www.winnipeg.ca/ppd/surveys.stm#legal%20survey>.
- .3 Meet with a representative of the Geomatics Branch on site and sign a Survey Infrastructure Protection Form to accept responsibility to protect survey infrastructure from damage during construction.
- .4 Contact the Geomatics Branch immediately upon completion of construction and restoration work to inspect survey infrastructure previously located and marked.
- .5 Provide the Contract Administrator with 48 hours notice to permit referencing for future replacement where a survey post, bar or control monument lies in the line of the work and will be disturbed. Failure to provide this notice will result in paying costs associated with replacing or relocating the disturbed survey infrastructure.
- .6 Arrange for restoration of survey infrastructure as directed by the Geomatics Branch that has been disturbed, moved, covered, mutilated or destroyed by careless construction. Estimated cost to restore each legal survey monument is \$1,000.00 and \$3,000.00 for each control monument.

**3.15 Stakes and Marks**

- .1 The Contract Administrator will mark to the extent determined necessary, the location, alignment and elevation of the work by means of stakes or marks. Conform the completed works to the stakes, marks and lines indicated.
- .2 The Contract Administrator will provide stakes and marks for the Work no later than 1 Working Day following the day provision of stakes and marks is requested.
- .3 Notify the Contract Administrator immediately of the disturbance of stakes and marks provided for the Work. Correct errors arising out of neglect to notify the Contract Administrator of disturbed stakes and marks.
- .4 Determine the meaning and correctness of stakes and marks set by the Contract Administrator before starting the Work. If an error is suspected in the Drawings, Specifications or the directions of the Contract Administrator, Work will be discontinued until the error is rectified. No claim will be made due to alleged inaccuracies in the stakes and marks and for delay in the Work to rectify an error.

- .5 Determine and provide dimensions and elevations measured from the stakes or marks provided by the Contract Administrator.

**3.16 Verification of Weights**

- .1 Use a scale certified by Measurement Canada to weigh material being paid for on a weight basis.
- .2 Weight tickets to have gross weight, time and date of weighing printed by an approved electro/mechanical printer coupled to the scale. Tare weight and net weight may be either hand written or machine printed.
- .3 Provide access for Contract Administrator to inspect and verify the following items.
  - .1 Current certification seals from Measurement Canada are affixed to weigh scales.
  - .2 Weighing procedures.
  - .3 Check of either gross or tare weight for randomly selected trucks or truck trailer units by weighing on nearest available certified scale.
  - .4 Check of tare weights shown on delivery tickets against current tare of trucks and truck/trailers.
- .4 Ensure that each truck and truck trailer delivering material that will be paid for on a weight basis carries a tare not more than 1 month old.
- .5 Show the following information on weight tickets for truck and truck/trailer combinations weighed on a certified scale.
  - .1 Scale that truck or truck trailer was weighed on.
  - .2 Mechanically printed tare weight.
  - .3 License number(s) of truck and trailer(s) tare is for.
  - .4 Time and date of weighing.

**3.17 Truck Weight Limits**

- .1 Ensure that trucks and truck/trailers do not exceed the maximum gross vehicle weight allowed under The City of Winnipeg Traffic By-Law, unless the vehicle is operating under special permit. The City will not pay for the portion of Material that results in the vehicle exceeding allowable gross vehicle weight.

**3.18 Information Signs**

- .1 Obtain permission from the Contract Administrator to erect information signs.
- .2 Remove approved information signs promptly after Work is completed.

**4. MEASUREMENT AND PAYMENT**

**4.1 Construction Site Requirements**

- .1 Work associated with this specification will not be measured for payment and will be included with Underground or Surface Works unless indicated otherwise in the Specifications.
- .2 Costs for maintenance and restoration of disturbed surfaces performed by the City or its' designate will be deducted from payments owed.
- .3 Restoration of survey infrastructure disturbed, moved, covered, mutilated or destroyed by careless construction will be at own expense or will be deducted from payments owed.
- .4 Correction of errors arising from neglect to notify the Contract Administrator of disturbed stakes and marks will be at own expense.