|  |  |  |
| --- | --- | --- |
| Version | Date | Description of Revisions |
| 1 | August 30, 2006 | Approved final document. |
| 2 | November 5, 2007 | Minor revisions by Legal Services. |
| 3 | November 13, 2009 | Modified ‘Related Section’ |
| 4 | March 15, 2011 | Minor changes by Legal |
| 5 | June 5, 2012 | Addition of References and Replacement Parts sections on this page |
| 6 | June 29, 2012 | Reformatted to Remove White Space |
| 7 | August 6, 2013 | New Format |
| 8 | November 18, 2013 | First Draft specification update project (AV comments). |
| 9 | April 17, 2014 | Comments added (G Parris Property Services) |
| 10 | March 3, 2015 | Incorporating OPSS and comments from Roads Updated specification content in May 2014, Updated MTO OPSS references in May 2014 |
| 11 | September 29, 2015 | Legal comments 1st review addressed |
| 12 | October 7, 2015 | Legal comments 1st and 2nd review addressed, extraneous cross references removed. |
| 13 | March 21, 2016 | Spec revised Based on OPSS.MUNI 1010 (AAM) |

NOTE:

This is a CONTROLLED Document. Any documents appearing in paper form are not controlled and should be checked against the on-line file version prior to use.

**Notice:** This Document hardcopy must be used for reference purpose only.

**The on-line copy is the current version of the document.**

# GEneral

## Related Sections

### *[Under "Related Sections", identify other Sections that are related to, and/or dependent on, the work results or information specified elsewhere. The list should be limited to Sections with specific information that the reader might expect to find in this Section, but is specified elsewhere. For example, if hardware for aluminum entrances is specified in the aluminum entrance Section, a cross-reference would be appropriate in the finish hardware Section. The purpose of this cross-referencing is for information only, to aid in finding those other requirements—not to define the scope of the Section.*

### *Cross-referencing here may also be used to coordinate assemblies or systems whose components may span multiple Sections and which must meet certain performance requirements as an assembly or system.*

### *Contractor is responsible for coordination of the Work. Contractor is responsible for being familiar with and incorporating all required elements of cross-referenced Specifications cited.*

### *This Section is to be completed/updated during the design development by the Consultant. If it is not applicable to the section for the specific project it may be deleted.]*

### *[List Sections specifying installation of products supplied but not installed under this Section and indicate specific items.]*

### .1 Section [\_\_\_\_\_\_ – \_\_\_\_\_\_\_\_\_\_\_\_]: Execution requirements for ...[item]... specified under this Section.

### .2 Section [\_\_\_\_\_\_ – \_\_\_\_\_\_\_\_\_\_\_\_]: Product requirements for ...[item]... for installation under this Section.

### *[List Sections specifying related requirements.]*

### .3 Section [\_\_\_\_\_\_ – \_\_\_\_\_\_\_\_\_\_\_\_]: [Optional short phrase indicating relationship].

#### Section 01550 – Traffic Control

#### Section 02315 – Excavation Trenching and Backfilling

#### Section 02320 – Excavation Backfilling and Grading for Structures

#### Section 02720 –Untreated Granular Subbase, Base, Surface and Shoulder

## References

### Ontario Provincial Standards for Roads and Public Works (OPSS)

#### OPSS.MUNI 1010 Aggregates- Base, Subbase, Select Subgrade and Backfill Material (April 2013)

# Materials

## **OPSS.MUNI.1010** shall be followed with the following amendments:

### **1010.05 MATERIALS**

### **1010.05.01 General** is amended by the addition of the following:

#### If the Contractor wishes to use reclaimed concrete material (RCM), prior to delivery of the material to site, it must obtain the Consultant’s written approval. The RCM must be in full compliance with the requirements of OPSS 1001 and OPSS.MUNI 1010. The Contractor shall provide a full submission indicating the following:

##### The sources of the reclaimed concrete material.

##### The production plant.

##### Stockpile location.

##### Date of production.

##### Quantity of material in stockpile. *[Designer Note: Consultant to review and amend wording to request a minimum percentage of reclaimed material to be used when LEED Certification is a project deliverable.]*

##### Test results for RCM in accordance with Table 1 and Table 2 of OPSS.MUNI 1010.

##### Written confirmation that no deleterious building construction and demolition waste material is present in the stockpile.

#### Submittals shall also include a petrographic analysis of coarse aggregate (in accordance with MTO revision LS-609) and fine aggregate (in accordance with MTO revision LS-616) with specific emphasis on deleterious building construction and demolition waste materials such as drywall and gypsum.

#### Approval will be considered on a ‘stockpile-basis’ only. Additional submittals and approval will be required, should the stockpile(s) or source(s) change.

### **1010.05.02 Granular A, Granular M, and Granular S** and **1010.05.03 Granular B** are amended by the addition of the following:

### The combined amount of deleterious material shall not exceed a total of 1% by total mass (total of coarse and fine aggregate).

# EXECUTION (Not Used)

## **END OF SECTION**