Canada Ontario Country Kit 2010

Contents

This requires Civil 3D 2010 to install the kit and extract any potentially useful files

- DWT template containing Ontario Civil 3D settings and object/ label styles
- Plan, Profile and Plan and Profile (MTO)template sheets
- Predefined assemblies for creating intersections
- Pay Item Data based on Ontario Provincial Specifications categories and MTO Contract Preparation System(CPS)
- Pipe and Structure catalogue based on Ontario Provincial Standard Drawings
- Figure Prefix Library and Description Keys specific to MTO Surveys and Plans standards
- TAC (metric) design criteria for roadways
- NCS Layers
- MTO IESCAD Layers
- Linetypes and Hatch Patterns
- MTO IESCAD .LIN and .PAT files
- MTO Description Keys
- MTO Point Marker and Label Styles
- MTO Survey Settings and Styles
- MTO Alignment Object
- MTO Stationing Styles
- TAC Design Criteria
- TAC Superelevation Tables
- Preset "Assembly Set" created for Intersection wizard
- Pipe and Structure Labels
- Pipe and Structure Rules
- OPSD Pipes Catalog
- OPSD Pay Items and Categories
- MTO – CPS Pay Items and Categories

Canada TAC 2014

Contents are Two XML Files

To use the TAC Standards, download and extract the Canada TAC Metric Design Standards.zip file to your desktop and place the XML files in the ..\ProgramData\Autodesk\C3D 2014\enu\Data\Corridor Design Standards\Metric folder.

1. **Canada TAC 1999 Metric Highway.xml**
   a. Curve speed, radius tables 4%, 6%, 8%
   b. Superelevation attainment methods
      Crowned Roadway - TAC Modified Runout Spiral Curves
      Crowned Roadway - TAC Modified Runout Circular Curves
      Undivided Planar Roadway - TAC Modified Spiral Curves
      Undivided Planar Roadway - TAC Modified Circular Curves
   c. Superelevation rate vs radius speed tables 4%, 6%, 8%
   d. Transition length vs radius speed tables 4%, 6%, 8%
   e. Profile minimum K speed table for stopping sight distance
   f. Profile minimum K speed table for passing sight distance
   g. Profile minimum K speed table for headlight sight distance
2. **Canada TAC 1999 Metric Urban.xml**
   a. Curve speed, radius tables 4%, 6%
   b. Superelevation attainment methods
      Crowned Roadway using Circular Curves
      Undivided Planar Roadway using Circular Curves
   c. Superelevation rate vs radius speed tables 4%, 6%
   d. Transition length vs radius speed tables 4%, 6%
   e. Profile minimum K speed table for stopping sight distance
   f. Profile minimum K speed table for passing sight distance
   g. Profile minimum K speed table for headlight sight distance