

## General Information:

**Duration:** 3 days

**Prerequisite:** Civil 3D Fundamentals

**Courseware:** Included

**Achievement:** Certificate

**Time:** 8:30 am – 4:30 pm

**Locations:** All courses are offered online, on-site, or in-person at SolidCAD training facilities across Canada, including:

Burnaby, BC  
Calgary, AB  
Edmonton, AB  
Winnipeg, MB  
Richmond Hill, ON  
Montreal, QC  
Quebec City, QC  
Dartmouth, NS

## Pricing, Registration &

**Scheduling:** Please contact our training coordinator at 1-877-438-2231 x227 or via email at [training@solidcad.ca](mailto:training@solidcad.ca)

## Complete course listing:

[www.solidcad.ca/training](http://www.solidcad.ca/training)

## Course Description:

Civil 3D for Transportation Design Professionals program is recommended for professionals involved with road and highway design. The development of road reconstruction and highway interchange projects is covered in detail, including urban and rural road design concepts. This program explores techniques for matching existing driveways, sidewalk locations and property lines within a road reconstruction project as well as the application of local road design criteria.

After completing this course, transportation professionals will be able to create designs using OPSD 3% subgrade cross fall parameters. A complimentary copy of Custom Styles Templates and Ontario Subassemblies will be provided.

## Learning Objectives:

- Master advanced alignment creation, alignment design criteria, constraints & superelevation
- Highway Ramp Design
- Rehab Corridor Milling and Overlay
- Matching Existing Horizontal Conditions (driveways)
- Roadway Median design
- Right Turn Lane design including Ditch
- Project objects & add crossings
- Corridor Bowtie Corner Cleanup
- Corridor Templates
- Roundabout Design
- Designing Cul de Sacs, Knuckles and Intersections
- Introduction to Subassembly Composer

## Supplemental Learning:

- Civil 3D Subassembly Composer
- InfraWorks Professional