### VDOT CADD Support Training Schedule

<table>
<thead>
<tr>
<th>Classes</th>
<th>Dates</th>
<th>Days</th>
<th>Locations</th>
<th>Instructors</th>
<th>Addresses</th>
</tr>
</thead>
<tbody>
<tr>
<td>MicroStation Basics</td>
<td>Feb 11-12</td>
<td>2</td>
<td>Staunton</td>
<td>Steve Rick</td>
<td>811 Commerce Rd, Staunton, VA 24401</td>
</tr>
<tr>
<td>ContextCapture</td>
<td>Feb 20-21</td>
<td>2</td>
<td>Central Office</td>
<td>Mike Barkas</td>
<td>1401 East Broad Street, Richmond, VA 23219</td>
</tr>
<tr>
<td>OpenRoads Technology</td>
<td>Feb 24-27</td>
<td>4</td>
<td>Central Office</td>
<td>Jimmie Prow</td>
<td>1401 East Broad Street, Richmond, VA 23219</td>
</tr>
<tr>
<td>ConceptStation</td>
<td>March 23</td>
<td>1</td>
<td>Remote</td>
<td>Don Lee</td>
<td>Remote</td>
</tr>
<tr>
<td>MicroStation Basics</td>
<td>March 31 - April 1</td>
<td>2</td>
<td>Hampton Roads</td>
<td>Steve Rick</td>
<td>7511 Burbage Dr, Suffolk, VA 23435</td>
</tr>
<tr>
<td>OpenRoads Technology</td>
<td>March 31-April 3</td>
<td>4</td>
<td>Richmond District Office</td>
<td>Tim Wright</td>
<td>2430 Pine Forest Dr, Colonial Heights, VA 23834</td>
</tr>
<tr>
<td>PondPack</td>
<td>TBA</td>
<td>3</td>
<td>Richmond District Office</td>
<td>Kristen Dietrich</td>
<td>2430 Pine Forest Dr, Colonial Heights, VA 23834</td>
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### OpenRoads Technology (4 days)

The course provides training for the following items related to OpenRoads.

#### Skills Taught:
- Introduction to Terrain
- Civil Geometry
- Vertical Alignment
- Corridor Geometry Generation
- Creating Templates
- Corridor Modeling Overview
- SuperElevation
- Designing with Corridor Modeling
- Cross Sections and Labeling
- Earthwork
- Civil Cells
- DTM
- Horizontal Alignment
- Corridor Modeling Overlay/Widening
- Roadway Designer-Intersection Design

### MicroStation Basics (2 days)

The MicroStation Basics Full class is designed for the new MicroStation user and builds a solid foundation in the concepts, tools and features found in the MicroStation drawing environment. Starting with setting up a drawing and concluding with plotting, students walk through typical workflows using the tools and features in MicroStation.

#### Skills Taught:
- Using General Tools
- Defining Element Attributes
- Controlling the Display of Designs
- Using AccuDraw and AccuSnap
- Creating Drawing Elements
- Selecting Elements
- Manipulating Elements
- Modifying Elements
- Working with Cells
- Annotating Designs
- Composing Designs and Drawings
- Printing and Publishing

### Stormwater Systems Design using PondPack (3 days)

Skills Taught:
- Have a better understanding of the basic principles of hydrology, hydraulics, and pond design.
- Explain what the tips and techniques are that apply to both design and review of Stormwater facilities.
- Apply PondPack for modeling and designing storm water detention.
- Understand how to use the PondMaker™ interface to design or redesign detention ponds.
- Apply the ModelBuilder tools to quickly create a model using existing data from many sources.
- Use the new scenario creation wizard to quickly and easily create predevelopment and postdevelopment network scenarios.

Target Audience: VDOT Drainage Employees

### ConceptStation (1 day)

This course is an introduction to the OpenRoads ConceptStation software. In this course you will learn how to create conceptual models that include roads, bridges, and ramps, with lighting, guardrail and street markings. You will also learn how to create new projects, custom templates, and modify the conceptual design.

#### Skills Taught:
- Create Roads
- Create Ramp
- Add City Furniture
- Estimate Quantities and Cos
- Create abd Edit Templates
- Create and Connect Projects
- Place a Bridge
- Create a Bridge Ramp
- Add Street Markings
- Modify the Design