



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E.
Commissioner

1401 East Broad Street
Richmond, Virginia 23219

(804) 786-2701
Fax: (804) 786-2940

October 9, 2020

To: Virginia Design and Construction Communities

From: Susan H. Keen, State Location and Design Engineer

Re: Migration to Bentley's OpenRoads Designer (ORD) Software

VDOT initiated its 3D model development efforts in 2016 with the adoption of Bentley's Open Road Technology. Because Bentley's support for this previous versions will cease on January 1, 2022, VDOT will transition to Bentley's OpenRoads Designer (ORD) Connect Edition in November of this year. Over the past 24 months, VDOT has coordinated with Bentley through their Accelerated Migration Program to better prepare and understand this effort needed for the migration through Discovery Sessions, Workspace Development and Tech Day. The next step of the transition includes the training and the migration of projects.

Training on ORD Connect Edition classes is set to begin in November and will be conducted remotely. Generally, classes will be 6 hours a day (9AM to 4PM) and can be 1 to 3 days in length. Software and datasets will be distributed and should be loaded prior to the start of the training sessions. The classes set to begin in November include: MicroStation Update, MicroStation Basics, OpenRoads Designer, ORD Survey, ORD Drainage & Utilities, and OpenBridge Designer. For a current schedule of classes, please visit the Location and Design CADD Support webpage at virginiadot.org.

Projects will be selected for migration based the scoped advertisement date, team training schedules (both VDOT and consultants), and other District project development efforts. We are coordinating with our district project managers and designers to set appropriate migration schedules for selected projects over the next 12 months. Any project that has a scoped advertisement after December 2021 will be migrated to ORD.

If you have any questions regarding the rollout of the ORD software or training, please contact me at Susan.Keen@vdot.virginia.gov or (804) 786-2507.