Washington State Department of Transportation

Memorandum

September 22, 2025

TO: Statewide Project Development Engineers

FROM: Mark Gaines, P.E., Director
Development Division

SUBJECT: WSDOT Bentley V8i to Bentley Connect Transition Plan

Purpose

The Washington State Department of Transportation (WSDOT) is sunsetting Bentley V8i applications, including MicroStation SS3 and Power InRoads SS2, and adopting Bentley's Connect Edition suite - comprising OpenRoads Designer (ORD), OpenBridge Modeler, other OpenX applications, and MicroStation CONNECT Edition - as the official Computer-Aided Design and Drafting (CADD) platform for all new projects.
This transition aims to modernize WSDOT's digital delivery, ensure cross-disciplinary consistency, and improve long-term infrastructure efficiency. The memorandum will also outline guidance for migrating legacy projects and address compatibility issues related to continued use of V8i applications.

Background

WSDOT is modernizing its CADD workflows to align with current technology standards and improve project efficiency. Bentley current platform offers enhanced capabilities and seamless integration with WSDOT's ProjectWise Managed Workspace, supporting compliance with Electronic Engineering Data Standards (EEDS).
Legacy use of InRoads has become increasingly unstable on modern Windows systems.

Additionally:

- All V8i InRoads SS2 and MicroStation SS3 resources have been sunset.
- No further updates will be made to the V8i platform.
- CAE Suite 4.0 has been removed from Software Center.
- A phased sunset (removal) schedule for InRoads and MicroStation (V8i SS3) will be announced later.

Implementation Requirements ***(As of September 29, 2025)***

For New Projects:

- OpenRoads Designer must be used.
- The project must be hosted in the WSDOT ProjectWise Managed Workspace.
- The project must comply with WSDOT's EEDS manual for all deliverables.

For Legacy Projects

- Projects with less than 30% design completion must transition to ORD and ProjectWise.
- Projects with more than 30% design completion or other exceptions must coordinate with HQ CAE Support to determine support needs.

For Shelved Projects

- Project schedules must be adjusted to allow for conversion to ORD and hosting in WSDOT ProjectWise Managed Workspace.

InRoads Compatibility Advisory

Teams continuing to use InRoads should be aware of the following risks:

- Increased frequency of application crashes.
- Potential for corrupt or empty Geometry Files (ALG).
- Uncertain compatibility with future Windows updates.

Exceptions

Emergency projects with short advertisement timelines must coordinate with HQ CAE Support to maintain legacy product support.

Actions Required

Project managers must:

- Evaluate the status of all active and shelved projects.
- Begin transition planning for applicable legacy projects.
- Contact HQ CAE Support for migration strategies and technical assistance.

MG: ch,jg

cc: Kerri Woehler, ASDEs, ASCEs, RAs, ARAs, Chris Christopher, Pasco Bakotich, Statewide PEs, Schatzie Harvey, Ahmer Nizam, Andrew Fiske, Julie Heilman, Michelle Morgan, Sean Simmons, Kevin Burch, Dongho Chang, Chris Schroedel, WSDOT CAE Core, Clint Hill, Kim Rydholm