Civil Engineering Software for Small Business

S mall civil engineering firms have one thing on their mind: their bottom lines. While they have infinite knowledge and experienced engineers, resources are limited. For that reason, they may never consider investing in the same software that large corporations and megaprojects use. In fact, many think their projects are too small for solutions such as Bentley's civil engineering software.

David Settlemyer, Bentley's Senior Industry Strategy Manager, discussed this from his own perspective working in a small business on a recent *Informed Infrastructure* podcast (listen at *bit.ly/3jcQbxa* or scan the accompanying QR code).

Bentley Transportation Software for Small Business

Civil Engineering Design Software for Small Businesses

From simple to the complex, Bentley transportation software is for everyone.

As a small business, your bottom line is always on your mind. For that reason, you may not have considered investing in the same software that large corporations and megaprojects use, but what if we told you that there is a scalable solution that is accessible, affordable, and could save you money in the long term?

Bentley's transportation software was developed by engineers to improve road projects both small and large. Virtuosity was created to make these top-notch solutions available to small businesses like yours. Our Virtuoso subscriptions come with customized training so you get the solutions you need without enterprise pricing, complicated processes, or significant downtime.

Whether you are looking to grow your business, qualify for DOT subcontracts, or simply improve workflows on your current workload, we can help. Browse our transportation design software for small businesses below or *contact us* to get started today.

For Road Designers — **OpenRoads**
For Site Designers — **OpenSite**
For Bridge Designers — **OpenBridge Modeler**

Learn more and buy OpenRoads
Learn more and buy OpenSite
Learn more and buy OpenBridge

For Drafters/Designers — **MicroStation**
For Project Collaborators — **ProjectWise 365**
For Surveyors/Inspectors — **ContextCapture**

"I was that small firm who did projects for the Charlotte region," he says. "I thought what a lot of people think about Bentley: that it is very high-end technology, hard to learn and costs a lot of money." Settlemyer goes on to admit he bought a seat of MicroStation just to convert a DWG to a DGN. Down the road, he took the time to learn the software.

"It is easy software, very focused and driven in what it delivers," he notes. "The fear comes from the projects it's used on, which are some of the biggest and most megaprojects in the world."

With this in mind, many small firms assume their projects, whether an office building, a school or a roadway improvement, are not at a scale large enough to merit a Bentley solution. **The reality is, these are absolutely Bentley-level projects!** As Settlemyer says, "We do everything from the McDonald's on the corner to mega interstates that are worth billions of dollars."

Enter Virtuosity

Bentley's transportation software was developed by engineers to improve road and highways projects, both small and large. Understanding that small businesses need these top-notch solutions, but do not need enterprise-level resources, Bentley developed

Virtuosity. As a Bentley company, Virtuosity provides all the benefits of the larger organization, but is geared specifically toward helping small firms do their jobs faster and easier to ultimately deliver better projects. With flexible subscriptions that include customized training, small firms now can get the solutions they need without enterprise pricing, complicated processes or significant downtime.

"Small firms look at software providers almost as an employee of their company, and Virtuosity fulfills that role," comments Settlemyer. During the aforementioned podcast, he discusses different ways Virtuosity can help small firms, whether they're looking to improve workflows, expand their business or qualify for DOT subcontracts.

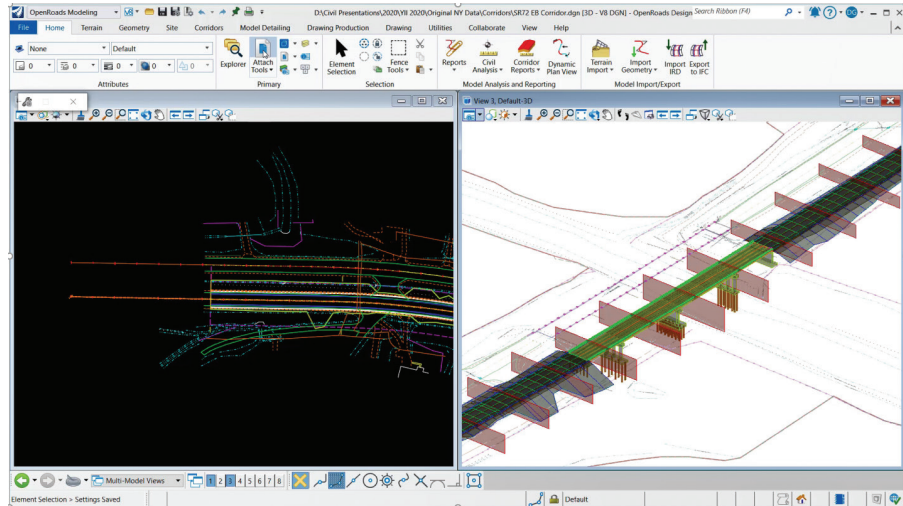## Improve Current Workflows from Simple to Complex

Investing in civil engineering software does not have to be reserved for megaprojects and business growth. The proper technology can improve existing workloads, workflows and employee satisfaction. Whether you're

expanding a main street or designing a major interchange, Bentley civil design solutions can help you.

Virtuosity's 12-month practitioner license is a great opportunity to explore new software, understand how it fits into your current workflow, and learn the new solution at your own pace with expert services included. If you're still hesitant, Virtuosity offers free trials on many of Bentley's transportation solutions. Want to improve plan production? Ready to explore 3D modeling? Test drive OpenRoads Designer at *bit.ly/37nnSqg* with a 14-day free trial: no risk, no credit card, no problem!

Grow Small Businesses

If you want to expand your business and compete with large corporations, you can! Virtuosity minimizes risk and increases your competitive advantage. Purchase the same software used on megaprojects at small-business pricing, take advantage of the custom training and mentoring to onboard quickly, and watch as the latest technology helps you increase productivity to win more contracts. If it seems too good to be true, read The Alliance Group Enterprise's (TAGE) success story at *bit.ly/3xmzwfR*. This engineering and construction firm purchased new software, trained, and met a critical deadline in 72 hours with Virtuosity.

Be Ready to Qualify for DOT Subcontracts

Departments of Transportation know small firms bring a lot of experience and specialized knowledge to their projects. They want to work with local resources and build relationships for long-term partnerships. In some states, it's required that DOTs contract a percentage of their projects with small engineering consulting firms. Virtuosity is a great opportunity to purchase, learn and understand the software DOTs are using. The 12-month practitioner license allows you to balance your software needs with the demand of your workload. Browse the transportation design software DOT's frequently use on their projects at *bit.ly/2TSQpRH*.

Listen to the full podcast to learn more real-world cases of Bentley civil engineering software and how it benefits small firms. **II**