

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

- April 27** — OpenRoads ConceptStation Webinar (see Report)
May 3-4 — Online InRoads Update Class
June 1-3 — Open Plant PID Fundamentals Class
June 2 — Online ConceptStation Quickstart Class
June 17-18 — Summer Bentley Bash
June 30 — Online ConceptStation Quickstart Class

Save the Date: Summer Bentley Bash June 17-18

Did you attend the Bentley Bash in January and want more? Did you miss the Bentley Bash in January and still want the opportunity for free training and networking? Well if so, you're in luck! Mark your calendars now for **June 17-18, 2016** for the Summer Southern California Bentley Bash at **Santa Ana College** in Santa Ana, CA!

It will be another great opportunity providing you with free hands-on training in the latest Bentley software including MicroStation CONNECT, OpenRoads, ConceptStation, and ContextCapture reality modeling software! Some of the classes we are offering are Intro to **MicroStation CONNECT**, Intro and Advanced RAM, AECOSim Building Designer - Architectural and Structural, **OpenPlant Modeler**, MicroStation Tips & Tricks, ContextCapture, **OpenRoads ConceptStation**, OpenRoads Designer, InRoads, Intro to ProjectWise, Customizing MicroStation using VBA and more.

Registration will open **May 2nd, 2016!** Check out [our website](#) for class descriptions and registration details when available.

New MicroStation Online Classes from Bob Bossler

We are offering new **online** classes taught by MicroStation expert **Bob Bossler**. Bob is a retired MicroStation trainer who worked with Bentley for many years. He is one of the best in the field and really knows the industry and the software.

These classes are **MicroStation Basics** which consists of **4 half days**, and **MicroStation 3D Intro** which consists of **2 half days**. These classes are offered fully online for your convenience and the half days will run from **1:00pm to 5:00pm EDT** each of the days of the class. To register, check out our [training website](#). Here is our current schedule.

MicroStation Basics —

- 5/10-13
- 6/21-24
- 8/2-5
- 9/13-16
- 11/8-11

MicroStation 3D Intro —

- 5/17-18
- 6/28-29
- 8/9-10
- 9/20-21
- 11/15-16

New Open Plant Classes from Ramir Legacion

We are offering a new **Open Plant PID Fundamentals Class** taught by expert **Ramir Legacion**. This class covers how to use the basic tools of OpenPlant PID. The students will learn to create multiple detailed P&IDs. You will also learn how to generate reports using the utilities.

It is a 3 day course being offered on **June 1st-3rd** at our **Huntington Beach** office. It costs \$1400. To sign up, check out [our training site](#).

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Who's Who at Archway Systems

Tom Lazear	Administration, Sales & Training	Josh Lazear	IT Specialist
Mike Lazear	Programming & Support	Daniel Lazear	Sr. Application Engineer & Tenn. Sales & Training
Sandy Lazear	Accounting	Shannon Schoenberger	Marketing
Linda Grubb	Sales Manager		

REPORT

New OpenRoads ConceptStation

What if you could automatically grab images, 3D models and surveys for a site on which you were about to build a new corridor for a highway or road or other project? And then quickly sketch the alignment of the new road and have the software place it and create a 3D model complete with lighting, barriers and other details all per AASHTO standard? And then interactively place a bridge or connecting road and finally have the software calculate the cost plus produce an animation for presentations about the proposed project? That is exactly what Bentley's new **OpenRoads Concept Station** does!

You can jumpstart your projects by rapidly creating conceptual designs and improving the decision making process. OpenRoads ConceptStation offers roadway and bridge design capabilities to help road and land development engineers create intelligent models in context. **Explore conceptual design options with real world data and cost analysis to improve project results.** And it allows you to explore more design options since it is quick and efficient and give you a cost analysis for each option you choose to design. Then pick the quickest or most efficient design for your project.

OpenRoads ConceptStation was developed at Bentley specifically for OpenRoads users and takes advantage of ContextCapture technology to assist with data integration and works



with LumenRT to provide life-like animations. Win more projects with more realistic visualizations as you can produce real-time, realistic scenes quickly without the need for long rendering times. Then take this design straight into OpenRoads designer and start designing based on your conceptual model. It's easy, it's simple and it's stunning. Listen to what Marc Miller from HDR had to say, "**ConceptStation is software that every civil consulting firm has to have.** We spend lots of time and money making animations for every proposal. ConceptStation will enable us to make those animations quickly and effectively without the great expense." This new version is available for download now on the fulfillment center.

Check out a hands on look at OpenRoads ConceptStation at the

Bentley Bash in Santa Ana, CA on **June 17-18th**. See the article on the back page of this newsletter for more details.

There's also two more opportunities to get a look at OpenRoads ConceptStation before the Bentley Bash. Join us for an **introductory webinar** on **ConceptStation** next week, **Wednesday, April 27th at 1pm PDT**. [Please sign up for this webinar on our website.](#)

We also have an online, instructor lead, **2 hour ConceptStation Quickstart** class on **Thursday, June 2nd from 11am to 1pm PDT**. We have a second one on **June 30th from 11am to 1pm** as well. To sign up for either of these classes, [check out our training site](#). For more information on these classes, check out page 4 of this newsletter.

Training Class Schedule

Archway offers a variety of training classes using the latest of each software. All classes use certified materials and are held from 8:30AM to 5PM. Locations: Huntington Beach training center (**HB**) and Nashville, TN (**TN**). Classes can be delivered on-site and online. Call or email Archway or visit LearnMicroStation.com for the latest class schedule.

Upcoming MicroStation & Other Bentley Classes

- **MicroStation Essentials** — This course is designed for the new MicroStation user and builds a solid foundation in the concepts, tools and features found in the MicroStation drawing environment. Cost is \$1600. Location: **HB & TN**
 - ◊ **HB Dates** — 5/17 to 5/20; 7/12 to 7/15; 8/30 to 9/2; 10/25 to 10/28; & 12/13 to 12/16
 - ◊ **TN Dates** — 6/28 to 7/1; 8/2 to 8/5; 9/13 to 9/16; 10/18 to 10/21; & 11/29 to 12/2
- **MicroStation for AutoCAD Users** — This course is specifically for experienced AutoCAD users wanting to transition their CAD knowledge to MicroStation skills. Cost is \$1350. Location: **HB & TN**
 - ◊ **HB Dates** — 6/14 to 6/16; 7/26 to 7/28; 9/21 to 9/23; & 11/15 to 11/17
 - ◊ **TN Dates** — 4/26 to 4/28; 5/31 to 6/2; 7/19 to 7/21; 8/23 to 8/25; 9/27 to 9/29; 11/2 to 11/4; & 12/14 to 12/16
- **MicroStation Everything 3D** — In this course, users will navigate and work in a 3D design file, create and edit 3D geometry in MicroStation, create parametric 3D models and develop a basic knowledge of the rendering capabilities of MicroStation. Cost is \$1800 Location: **HB & TN**.
 - ◊ **HB Dates** — 5/24 to 5/27; 8/23 to 8/26; & 12/6 to 12/9
 - ◊ **TN Dates** — 5/24 to 5/27; & 11/8 to 11/11
- **MicroStation for Advanced Users** — This course is for the experienced MicroStation user and focuses on improving user and work-group productivity. Cost is \$1500. Location: **HB**
 - ◊ **HB Dates** — 6/28 to 6/30; 9/13 to 9/15; & 11/29 to 12/1
 - ◊ **TN Dates** — 5/9 to 5/11; 7/6 to 7/8; 8/30 to 9/2; & 10/25 to 10/27
- **MicroStation User Update** — This course covers all of the major new capabilities of MicroStation in a series of hands-on exercises. Students will learn about Workflow Task based interfaces and Project Explorer among other topics. Cost is \$800. Location: **HB & TN**
 - ◊ **HB Dates** — 5/24 to 5/25; 8/16 to 8/17; & 11/1 to 11/2
- **MicroStation CAD Management & Administration** — In this course, users will learn the skills and techniques necessary to manage a MicroStation-based design environment, with an emphasis on project management and standardization. Cost is \$2600. Location: **HB**
 - ◊ **HB Dates** — 6/21 to 6/24; & 9/27 to 9/30
- **MicroStation VBA Basics to Advanced** — This course covers the features of Visual Basic for Applications (VBA) development environment specific to MicroStation from the most basic to advanced features. Cost is \$1000. Location: **HB**
 - ◊ **Dates** — 6/7 to 6/9; 8/23 to 8/24; & 12/6 to 12/7
- **Descartes Fundamentals** — This course is for users wanting to learn Bentley Descartes for your engineering, mapping and conversion projects that require the use of large images for creating hybrid maps, plan sheets and other image rich documents. Cost is \$1000. Location: **TN**
 - ◊ **Dates** — TBD
- **AECOSim Building Designer Architecture** — This course is designed to help users understand the Architecture features available in AECOSim Building Designer. Cost is \$1500. Location: **HB & TN**
 - ◊ **HB Dates** — 7/6 to 7/8; & 9/28 to 9/30
 - ◊ **TN Dates** — 7/26 to 7/28; & 10/11 to 10/13
- **InRoads Fundamentals SS2** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is \$1600. Location: **TN**
 - ◊ **TN Dates** — 5/17 to 5/20; 6/20 to 6/23; 7/12 to 7/15; 11/15 to 11/18
- **Advanced Roadway Designer for InRoads** — This class introduces civil engineering designers to all the major technologies in the Create Template and Roadway Designer applications. Cost is \$1500. Location: **HB & TN**
 - ◊ **HB Dates** — 5/24 to 5/26
 - ◊ **TN Dates** — 8/16 to 8/18; & 12/6 to 12/8
- **WaterGEMS/CAD Water Distribution Design & Modeling** — This course is designed to help users learn the basics of water modeling including how to build a water model and network. The last two days will handle more advanced topics. Cost is \$2600. Location: **HB**
 - ◊ **Dates** — 6/6 to 6/10
- **Online InRoads Update** — This class is an update for InRoads from SS2 to SS4. Cost is \$425. Location: **Online**
 - ◊ **Dates** — 5/3 to 5/4

Upcoming Rhino Classes

- **Rhino I** — In this class you'll learn to create and edit accurate free-form 3D NURBS models. This fast-moving class covers most of Rhino's functionality, including the most advanced surfacing commands. Cost is \$695. Location: **HB & TN**
 - ◊ **HB Dates** — 5/3 to 5/5; & 7/25 to 7/27
 - ◊ **TN Dates** — 6/15 to 6/17; & 9/7 to 9/9

Let Archway Help You!

Archway can do a lot more for you than training and sell you software! Need translated files from any CAD program to another for a project? We can do that! Currently we are working on major projects including translating Revit files to MicroStation for a customer. Need help setting up CAD Standards in your company? We can help with that! Need customized training for a specific project? We can do that too! We can customize MicroStation and InRoads training to help you work with specific clients. We can train your people on how to get the job done correctly and efficiently.

From helping with Be Inspired applications, to navigating the pricing maze of Bentley software, we can help you with solutions. We have helped JL Patterson apply for the Be Inspired awards, and they have won, twice! We can also help with technical questions, overusage questions, etc. And we offer open enrollment and onsite classes, as well as 2 Bentley Bashes throughout the year.

We can set up workspaces, translate files, set up CAD Standards, educate you on the MicroStation standards for High Speed Rail in California, and so much more. If you need some help with CAD in your company, don't hesitate to call Archway! We have experienced professionals who can help you work through your CAD issues or help you set up your company to be more efficient and produce better quality work. Call us today!

ConceptStation Quickstart Online Class

Join us for a hands-on, instructor lead, **2 hour Quickstart** class on **OpenRoads ConceptStation**. Attendees will receive a link for downloading and installing ConceptStation with an automatic 7 day evaluation license, as well as the class dataset and PDF of Quickstart manual. This class is just **\$95!** And if you purchase ConceptStation through Archway within 30 days of the class, you get the cost of the class refunded to you!

What is ConceptStation? It is a preliminary design system that enables building a proposed infrastructure model on top of context that either comes from available GeoCoordination Services like USGS or from the user's own sources including mesh models created from Bentley's ContextCapture. Alternatives can be modeled, costed and animated in a matter of an hour. It enables you to find the best solution very quickly. Models can be exported directly to InRoads, GeoPak or OpenRoads for detailed design.

What sets ConceptStation apart from other software?

1. It is much quicker and simpler to use
2. It has many built-in templates conforming to AASHTO standards (with the ability to modify or create user defined templates)
3. It links to ContextCapture meshes as well as publicly available GeoCoordination Services
4. It quickly calculates cost and quantity
5. The models are rendered and animated in real time with industry leading LumenRT
6. The models can be exported directly to InRoads, GeoPak or OpenRoads

Archway's Product Line

Archway is a full service provider of technical software serving the Academic, Architectural, Civil and Mechanical Engineering markets.

DESIGN & ENGINEERING SOFTWARE:

- MicroStation, ProjectWise and applications
- VersaCAD for Windows
- AECOSim Building Designer & Generative Components
- InRoads, PowerCivil & Geopak Civil Software
- Haestad Hydraulic Analysis Software
- AECOSim Energy Software
- Promis*e
- Pointools Edit and applications

Archway Training Center

Check out the training classes on page 3. Classes for every need for MicroStation, InRoads, Rhino, and VersaCAD. Increase your design productivity. If there is not a class listed to fit your needs, call us and let us come up with a custom solution for you.

SERVICES:

- Training
- Phone support
- On-site support
- Customizing
- Consulting
- Contract software development
- CAD file translation

3D GRAPHICS & ANIMATION SOFTWARE:

- LumenRT
- Rhino 3D, Flamingo, Penguin & Bongo
- Bentley Navigator
- ArchVision libraries

MyCADvideos.com

Check out this site for free introductory videos and one hour webinars on the latest in CAD, FEM, and more.

Archway Job Site

Check out our job site where you can view jobs that local companies have posted specific to your industry.