

# The Arch Way



## The Newsletter for Friends of Archway Systems

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### Upcoming Events:

**Dec 1-2** — InRoads Site Fundamentals class in Nashville, TN

**Jan 22-23** — SoCal Bentley Training Bash at Rio Hondo in Whittier, CA

### InRoads Site Fundamentals

We have an upcoming **InRoads Site Fundamentals** class in **Nashville, TN** on **December 1st-2nd, 2015**.

This class is for civil engineering designers who want to use InRoads for Site projects. It walks students through the project design cycle including existing ground data, horizontal and vertical geometry and reporting. For more information, check out this class on our website [LearnMicroStation.com](http://LearnMicroStation.com).

### Did You Know?

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! Need help setting up CAD Standards in your company? We can help with that!

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!

### Year in Infrastructure Conference Recap



From left: Gus Bergsma and George Church of Bentley, Danny Lazear and Tom Lazear of Archway, and Greg Bentley and Cesar Zambrano of Bentley

This year, the Year in Infrastructure Conference and Channel Partner Summit in London were a great success and many new changes at Bentley were announced this year, including moving towards a totally subscription based delivery of product with most software utilizing the cloud.

Archway received a Bentley Channel Partner Excellence Award for Outstanding Commitment and Advancing Bentley Software with Users. This is a great honor and we truly appreciate the recognition for the hard work we do to best serve the Bentley users, you!

Some of the product highlights included ContextCapture building precise 3D mesh models directly from photographs, ConceptStation parametric road, site and bridge design, Open Roads as new transportation design mainstay, and cloud-based EADOC and ProjectWise for end to end project collaboration. Also announced was a new Navigator with common interface for all devices and blazing speed for large models of any format. And perhaps the biggest announcement is the CONNECT edition of 70 products providing personal portal space on the cloud including a revolutionary release of MicroStation CONNECT, and optimization software for site design, structural insights and lots more!



## Who's Who at Archway Systems

<b>Tom Lazear</b>	Administration, Sales & Training	<b>Josh Lazear</b>	IT Specialist
<b>George McMeans</b>	Sales & Training in Nor. Cal.	<b>Daniel Lazear</b>	Sr. Application Engineer & Tenn. Sales & Training
<b>Mike Lazear</b>	Programming & Support	<b>Lauren Rybarczyk</b>	Marketing & Sales
<b>Sandy Lazear</b>	Accounting	<b>Shannon Schoenberger</b>	Marketing
<b>Linda Grubb</b>	Sales Manager		

## REPORT

## End of Year Water Package Deals

If you are involved in the design and engineering of water, wastewater, or stormwater systems then you can take advantage of a unique, one-time offer from Bentley Systems. For a limited time, we are offering a **Bentley Storm Pack** and a **Bentley Engineering Pack**, combining fully-functional versions of our best hydraulics and hydrology products with savings up to **35%**!

**Bentley Storm Pack**—for all storm water design and analysis, starting at **\$3,695!** (Some restrictions may apply.) The **Storm Pack** contains all functionality to model, analyze and calculate your stormwater systems for small and medium size site developments. No more spreadsheets, no more manual calculations, no more guess work! The **Storm Pack** consists of FEMA approved products for storm, pond and culvert design.

This Basic **Storm Package** includes, for \$3695 plus SELECT: StormCAD 10 Inlets, PondPack 1 pond, FlowMaster, and CulvertMaster. Want to know more about these products?

**StormCAD** provides comprehensive modeling for the design and analysis of storm sewer systems. It provides calculations for catchment runoff, gutters, inlets, junctions, pipe networks, and outfalls, and its intuitive interface makes the design and analysis of storm sewer systems easier than ever.

**PondPack** will save you hours of manual calculation time when analyzing pre- and post-development hydrology. PondPack's robust analysis engine sizes ponds, develops outlet rating curves with tailwater effects, accounts for pond infiltration, calculates pond detention times, analyzes channels, performs interconnected pond routing computations, and handles divergent



(multiple) outfalls.

**FlowMaster** allows you to quickly perform hydraulic calculations for dozens of element types, from pipes and open channels to drop inlets and weirs.

**CulvertMaster** is hands down the best tool available for solving culvert hydraulics problems (analysis and design). Incredibly flexible, fast, report-ready, and stress-free, CulvertMaster builds on the input you have on hand to provide the results you need.

**Bentley Engineering Pack**—for all water, wastewater, and storm water design and analysis starting at just **\$4,095!** (Some restrictions may apply.) The **Engineering Pack** contains all functionality to model, analyze and calculate your water, wastewater and stormwater network for small and medium size site developments. This includes all of the content of the **Storm Pack**, plus water network modeling and sewer network modeling. The **Engineering Pack** and **Storm Pack** are an ideal add-on to your CAD and design environment and work fully integrated in MicroStation, AutoCAD\* or CIVIL3D\* environments,

or they can be used as standalone products.

The Basic **Engineering Package** includes, for \$4095 plus SELECT: WaterCAD 25 pipes, SewerCAD 25 pipes, StormCAD 10 Inlets, PondPack 1 pond, FlowMaster, and CulvertMaster. Want to know more about WaterCAD and SewerCAD?

**WaterCAD** models hydraulics, operations, and water quality with ease using your favorite environment. Utilities, municipalities, and engineering firms trust WaterCAD as a reliable, resource-saving decision-support tool for their water infrastructure.

**SewerCAD** can be used to model both pressurized force mains and gravity hydraulics with ease, by using steady-state analysis with various standard peaking factors and extended-period simulations. Ideal for system design and rehabilitation, SewerCAD will help you invest your capital improvement funds wisely with a wealth of easy-to-use and powerful modeling tools.

These specials are only good until **December 15, 2015** so call us today!

## 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](http://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** — 1/12 to 1/15; 4/5 to 4/8; & 5/17 to 5/20
  - ◊ **TN Dates** — 1/5 to 1/8; 3/8 to 3/11; 5/3 to 5/6; & 6/28 to 7/1
- **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** — 1/26 to 1/28; 3/8 to 3/10; 4/26 to 4/28; & 6/14 to 6/16
  - ◊ **TN Dates** — 12/16 to 12/18; 2/9 to 2/11; 4/5 to 4/7; & 5/31 to 6/2
- **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** — 12/8 to 12/11; 3/1 to 3/4; & 5/24 to 5/27
  - ◊ **TN Dates** — 3/1 to 3/4; & 5/24 to 5/27
- **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** — 11/17 to 11/19; 2/2 to 2/4; 4/19 to 4/21; & 6/28 to 6/30
  - ◊ **TN Dates** — 2/16 to 2/18; & 5/9 to 5/11
- **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** — 2/16 to 2/17; 4/12 to 4/13; & 5/24 to 5/25
  - ◊ **TN Dates** — 1/27 to 1/28; & 3/16 to 3/17
- **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** — 1/5 to 1/8; 3/22 to 3/25; & 6/21 to 6/24
- **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** — 2/9 to 2/10; & 6/7 to 6/9
- **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** — 4/19 to 4/20
- **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** — 1/12 to 1/14; & 3/29 to 3/31
  - ◊ **TN Dates** — 2/23 to 2/25; & 4/26 to 4/28
- **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** — 1/12 to 1/15; 3/22 to 3/25; & 5/17 to 5/20

### Other Archway Classes

- **MicroStation Quickstart** — This 2 day course is designed to give a quick start to a 2D production drafter on how to use MicroStation software to create quality designs and produce technical drawings and 3D models. Cost is \$1000. Location: **HB**
  - ◊ **HB Dates** — TBD

### 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** — 12/16 to 12/18; 2/9 to 2/11; & 5/3 to 5/5
  - ◊ **TN Dates** — 11/18 to 11/20; 2/2 to 2/4; & 4/12 to 4/14

## Save the Date: Bentley Training Bash

Don't wait, save the date! Our **Southern California Bentley Training Bash 2016** at Rio Hondo Community College in Whittier, CA is taking place Friday and Saturday, **January 22-23, 2016!**

You don't want to miss out on this awesome weekend of training opportunities. This year, with the new **MicroStation CONNECT**, will be better than ever.

Just hear what some are saying about our most recent NorCal Bentley Bash last month: our instructors were "very friendly and knowledgeable" and "were asked questions and found solutions".

This is not a Bash you want to miss. With great networking opportunities, the chance to learn new software or just get a refresher on software you already use, and the chance to get to know more about what Bentley is doing, there is too much you can't miss out on!

We will be teaching or talking about all of the new software that Bentley has just announced at the Year in Infrastructure Conference and getting you a first hand look at it all.

**Save the date now for your annual weekend of training at Rio Hondo** where you can learn MicroStation CONNECT, InRoads/OpenRoads, WaterGEMS, RAM, AECOSim Building Designer and more. Registration will open **December 7th!** Check out next month's newsletter for the registration link!

## Upcoming SIGs Schedule

We now have both **MicroStation Special Interest Groups (SIGs)** and **AECOSim Building Designer (ABD) SIGs!** They will both be using the flipped classroom style. Once you sign up, you'll have videos you can watch to learn on your own. Then there will be a **live Q&A session** that takes place on the dates listed below. There will be two Q&A sessions for each topic. One at **8am PDT** and one at **4pm PDT** on the same day. Register today by clicking the links above! You don't want to miss out on the opportunity to learn more about these topics, for **free!** [Check out all the SIGs offered by Bentley.](#)

There are only a couple SIGs left for the year, and you don't want to miss these! Sign up today to make sure you get in on these last few. Check future newsletters for an updated schedule for 2016.

- **Upcoming AECOSim Building Designer SIGs:**
  - ⇒ **Nov 17th** — Visualization Update in AECOSim Building Designer: [AM](#) or [PM](#)
  - ⇒ **Dec 15th** — Interoperability with other BIM Tools: [AM](#) or [PM](#)
- **Upcoming MicroStation SIGs:**
  - ⇒ **Dec 8th** — Visualization Update in MicroStation CONNECT: [AM](#) or [PM](#)

## 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.