# The Arch Way

*Archway Systems*

## The Newsletter for Friends of Archway Systems

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## Upcoming Events:

**April 4-5 —** Spring SCBUG Meetings in San Diego and Irvine, CA
**April 12 —** ExactFlat for Rhino Webinar
**June 5-6 —** Summer SoCal Bentley Bash in Anaheim, CA

## ExactFlat for Rhino Webinar

Join us for a one hour webinar on **ExactFlat in Rhino**, the easy to use flat patterning plugin for Rhino! We will be hosting the webinar on **Thursday, April 12th, 2018** at **10:00am PDT**.

Join us for an **Intro to Digital Patterning with ExactFlat in Rhino** to see the product in action with a demo. Also get your questions answered by the ExactFlat team! Sign up on ArchwaySystems.com/training/webinars today!

## AEC Conference in Anaheim & Summer Bentley Bash

The **AEC Next Technology Expo + Conference** is being held at the Anaheim Convention Center in Anaheim, CA on **June 5-7, 2018**. It will feature companies offering hardware, software and services; emerging technologies; as well as building/construction products. Special features will include theaters on the expo floor featuring case-studies, new products, and best practices and much more. For more information on sponsoring or exhibiting, please contact **Rita Hicks** at rhicks@divcom.com or **207-842-5578**.

For attendance, **save the date now**! Stay tuned for information on registering and attending the **AEC Next Technology Expo + Conference.** Also the Summer Bentley Bash will be held in conjunction with this conference so save the date for the **Summer Bentley Bash** today!

## SCBUG Upcoming Meetings

The Southern California Bentley User Group has dates for their Spring meetings! Both meetings will be the same agenda in different locations. The first will be **Wednesday, April 4th** at **Rick Engineering in San Diego 6-8pm** and the second on **Thursday, April 5th** at **HDR in Irvine from 6-8pm**.

The Spring topic will be **"Working with Caltrans CADD Standards"**. It will be a similar workshop to what was presented at the Bentley Bash in January. If you did not get a chance to attend that class, now's your chance! Get your questions answered about working with Caltrans Standards.

If you will be able to attend the meeting, please RSVP on our website to let us know which meeting you will be coming to by emailing angie@archwaysystems.com.

## ProjectWise Solves Revit Collaboration Problems

Revit users gain collaboration efficiencies through the new ProjectWise integration with Revit. Similar efficiencies are available for Civil3D users as well. Check out this two and a half minute video describing the benefits and how it works: https://www.youtube.com/watch?v=uoVvGALaavw

## Customized Training

Alongside our regular Bentley Institute classes, we can customize a class specific for your company's needs. We can gear our class towards learning how to use Bentley's software with your company's standards, or mix a couple of classes together to get the perfect combination of what you need to learn for a specific project.

And we can do these customized classes either on site at your facility or here at our training office in Huntington Beach, CA or Nashville, TN. Talk to us today about our customized training and your training needs!

## Who's Who at Archway Systems

**Mike Lazear**           Administration,
                          Programming & Support

**Tom Lazear**            Sales & Training
**Sandy Lazear**          Accounting
**Linda Grubb**           Sales Manager
**Shannon Schoenberger**  Marketing

**Josh Lazear**           IT & Sr. Application Engineer:
                          ProjectWise, ContextCapture

**Daniel Lazear**         Sr. Application Engineer &
                          Tenn. Sales & Training

**Raquel Sanchez**        GIS Technician & Data Analyst
**Angie Krebs**           Sales

# REPORT                                Year in Infrastructure Awards

Submissions for the Year in Infrastructure Awards are now open! The **Year in Infrastructure Awards**, formerly the Be Inspired Awards, are a great opportunity to get your firm and your project recognition around the world.

There are **19 different categories** to submit your project to, *Going Digital:* Advancements in:

- Bridges
- Buildings and Campuses
- Communications Networks
- Constructions
- Digital Cities
- Environmental Engineering
- Manufacturing
- Mining and Offshore Engineering
- Power Generation
- Project Delivery
- Rail and Transit
- Reality Modeling
- Roads and Highways
- Road and Rail Asset Performance
- Structural Engineering
- Utilities and Industrial Asset Performance
- Utilities Transmission and Distribution
- Water and Wastewater Treatment Plants
- Water, Wastewater and Stormwater Networks

Your project does not have to be completed in order for you to

submit. If you are working on a project using Bentley software that will fit into one of the above 19 categories, we urge you to submit your projects! It is a great program to help get you and your project recognized! If your project is chosen as a finalist, you get a free trip to the **Year in Infrastructure Conference, October 15-18, 2018 in London**! As a finalist, you get to present your project in London before jurors, industry experts, peers and members of the press at the Conference.

Want more information on the submission process? Check out this short video! The deadline for submitting a project is **April 30th, 2018!** Finalists will be decided this summer.

If you need help submitting your project, Archway would be happy to help. Just email tom@archwaysystems.com, and we

can help walk you through the steps of submitting including deciding on which category to submit under. Archway has helped many of our customers submit their projects and go on to be finalists and even win in their category! We'd love to help you make it to London and get the audience and recognition your project deserves.

You will also be published in the annual **Year in Infrastructure Book** that is produced from all of the accepted submissions each year. Want to see all of last year's nominees, finalists and winners? Check out the Year in Infrastructure 2017 book. Read it online for easy to flip through pages of all of the projects submitted from around the world. This year there are even more categories to choose from, **so submit your project 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](LearnMicroStation.com) for the latest class schedule.

## Upcoming MicroStation & Other Bentley Classes

- **MicroStation V8i 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** — 4/3-6; 8/21-24; & 11/27-30
  - ◊ **TN Dates** — 4/24-27; & 6/26-29
- **MicroStation CONNECT 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** — 6/19-22; & 10/16-19
  - ◊ **TN Dates** — 8/7-10; 9/25-28; & 11/13-16
- **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** — 5/8-10; 7/10-12; 8/14-16; 9/18-20; 11/6-8; & 12/18-20
  - ◊ **TN Dates** — 3/27-29; 5/30-6/1; 9/5-7; 10/24-26; & 12/11-13
- **MicroStation V8i 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** — 4/17-20
  - ◊ **TN Dates** — 5/8-11; 7/31-8/3; & 11/6-9
- **MicroStation CONNECT Everything 3D Express** — In this course, users will navigate and work in a 3D design file, create and edit 3D geometry in MicroStation CONNECT, create parametric 3D models and develop a basic knowledge of the rendering capabilities of MicroStation CONNECT. Cost is $1350 Location: **HB & TN.**
  - ◊ **HB Dates** — 5/1-3
  - ◊ **TN Dates** — 7/10-12
- **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 & TN**
  - ◊ **HB Dates** — 4/10-12; 6/26-28; 9/11-13; 10/23-25; & 12/11-13
  - ◊ **TN Dates** — 5/1-3; 8/14-16; & 11/28-30

- **MicroStation User Update to CONNECT** — 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**
  - ◊ **HB Dates** — 5/23-24; 7/17-18; 9/25-26; & 12/4-5
  - ◊ **TN Dates** — 10/2-3
- **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** — 5/15-18; 8/7-10; & 11/13-16
- **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** — 4/17-18
- **AECOsim Building Designer** — This course is designed to help users understand the features available in AECOsim Building Designer. Cost is $1500. Location: **HB & TN**
  - ◊ **HB Dates** — 4/3-5
  - ◊ **TN Dates** — 4/10-12; 6/18-20; 9/19-21; & 12/4-6
- **InRoads Fundamentals SS2** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is $1600. Location: **HB & TN**
  - ◊ **HB Dates** — TBD
  - ◊ **TN Dates** — 4/3-6; 7/24-27; 9/11-14; & 10/30-11/2
- **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** — TBD
  - ◊ **TN Dates** — 3/20-22; 6/12-14; 8/21-23; & 12/18-21
- **Descartes Fundamentals** — This course will enable you to leverage the functionality found in Bentley Descartes and give you the skills required for your engineering, mapping and conversion projects. Cost is $1500. Location: **TN**
  - ◊ **TN Dates** — 6/13-14; & 9/5-6

## Software Prices Increase April 1st!

**Thinking about buying another license of MicroStation or a new OpenRoads Designer?** Bentley is increasing prices of their software by 2.4% on April 1st! Act now to take advantage of the current pricing. **Call us today to get your quote with the current pricing before it goes up!**

## Bentley Academic Seminars

If your school is interested in learning more about Bentley software, how about an on campus seminar or webinar? Bentley offers over 50 of their professional products to schools with free student copies! Contact us today to set up a meeting or for more information at tom@archwaysystems.com. Here's Tom at a Cal Poly Pomona Hydraulics class - March 2018.



## Rhino Classes

We have a few different options for Rhino Training at Archway. There are three different options for classes including the Rhino Level 1, Rhino Accelerated Level 1 and Rhino Level 2 classes.

- **Rhino I** — In this class you'll learn to create and edit accurate free-form 3D NURBS models. This three day class covers most of Rhino's functionality, including the most advanced surfacing commands. Cost is $695. Location: **HB & TN**
  - ◊ **HB Dates —** 3/20-22; 6/12-14; 7/31-8/2; 10/30-11/1; & 12/19-21
  - ◊ **TN Dates** — 4/18-20; 8/28-30; & 10/16-18
- **Rhino Accelerated I** — In this class you'll learn to create and edit accurate free-form 3D NURBS models. This fast-moving two day class covers most of Rhino's functionality, including the most advanced surfacing commands. Cost is $495. Location: **HB**
  - ◊ **HB Dates — TBD**
- **Rhino II** — In this class you'll learn productivity tools and NURBS concepts, advanced surfacing, using 2D drawings and images, sculpting surfaces, meshing and rendering. Cost is $795. Location: **HB**
  - ◊ **HB Dates — TBD**

Call Archway today to sign up for Rhino training in **Huntington Beach, CA** or visit LearnRhino3D.com for more information on our classes.

# 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, OpenRoads Designer & ConceptStation
- Haestad Hydraulic Analysis Software
- AECOsim Energy Software
- ContextCapture
- Pointools Edit and applications

### 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

## 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.

## 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.