

# The Arch Way



## The Newsletter for Friends of Archway Systems

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**Bentley**  
Platinum Channel Partner



### Upcoming Events:

- July 19** — Lunch & Learn at Archway Office in Huntington Beach
- July 25** — Cloud Services Subscription Webinar
- Aug 15** — ProjectWise Webinar
- Aug 17** — Lunch & Learn at Archway Office in Huntington Beach
- Sept 3** — Office Closed for Labor Day
- Sept 7-8** — NorCal Bentley Bash 2018 in Sacramento & Berkeley
- Oct 15-18** — Year in Infrastructure Conference in London
- Dec 12-14** — OpenRoads Learn Conference in Indian Wells
- Jan 11-12** — SoCal Bentley Bash 2019 at Rio Hondo College

### Current Bentley Specials!

Bentley has some great specials going on this quarter and into next! Check out the specials below and give us a call to take advantage of these today! You don't want to miss out on these!

- **Autodesk Competitive Upgrade** - As much as 50% credit towards ANY Bentley software with proof of ownership of Autodesk products of equal value.
- **AECOSim Building Designer** - FREE 30 day trial
- **ContextCapture** - Prove ownership of competitive software, get 40% off! OR Buy one, get one FREE license of ContextCapture Engine, just pay for SELECT.
- **Cloud Service Subscription** - 10% off term license costs plus monthly accounting!

Take advantage of these deals today! Call Archway today or email [Tom](mailto:Tom) to get started on a quote!

### CA Summer Road Show

Archway is going on the road! Join us this summer for the California Road Show! We will be meeting with companies across California to update them on the latest in Bentley software and answer any questions.

We have openings from now **through the end of August** if your company would like us to come to you! A one hour session with lunch! **Call us today to find out which dates still have availability** and let us set up a lunch meeting! We will tailor the meeting to what software you want to hear about and give you a taste of what Bentley is up to in the near future. Call us at **714-374-0440** or email [tom@archwaysystems.com](mailto:tom@archwaysystems.com) today!

### NorCal Bentley Bash 2018

The Northern California Bentley Bash is coming up on **Friday and Saturday September 7-8th, 2018** at Cal State Sacramento on Friday and UC Berkeley on Saturday. Be there and be a part of this great training, learning and networking opportunity!

We have classes in MicroStation CONNECT, **ContextCapture**, RAM, OpenRoads Designer and **ConceptStation**, and more! All of this hands-on training for free!

**Registration is now open!** Sign up today to get into the classes you want before they fill up. Register on [LearnMicroStation.com](http://LearnMicroStation.com)!

### ProjectWise Presentation

In case you missed the ProjectWise webinar on June 21, check out the presentation [here](#). See the PowerPoint used in the June ProjectWise webinar which featured many benefits, list of users (including 34 state DOTs), and the new low prices!

Want to see the presentation live? Sign up for the [August 15th webinar](#) today!

## Who's Who at Archway Systems

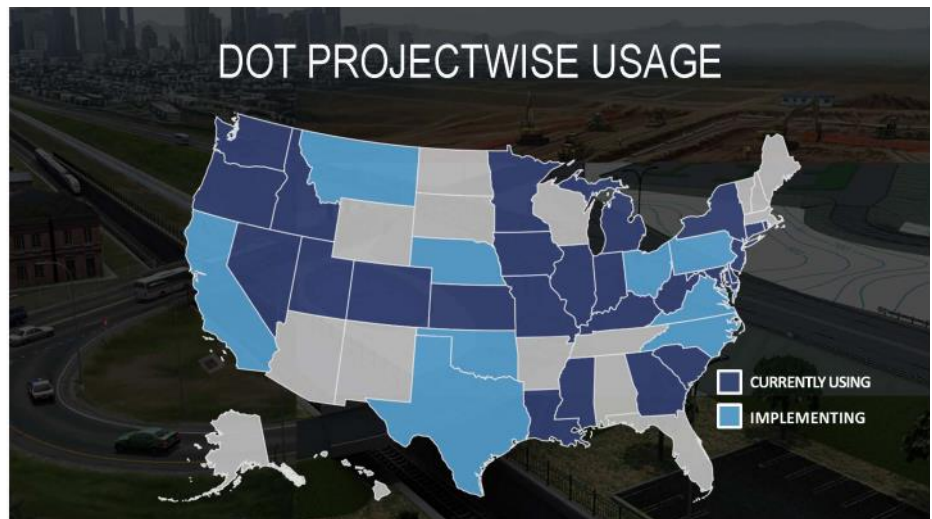
<b>Mike Lazear</b>	Administration, Programming & Support	<b>Josh Lazear</b>	IT & Sr. Application Engineer: ProjectWise, ContextCapture
<b>Tom Lazear</b>	Sales & Training	<b>Daniel Lazear</b>	Sr. Application Engineer & Tenn. Sales & Training
<b>Sandy Lazear</b>	Accounting	<b>Raquel Sanchez</b>	GIS Technician & Data Analyst
<b>Linda Grubb</b>	Sales Manager	<b>Angie Krebs</b>	Sales
<b>Shannon Schoenberger</b>	Marketing		

## REPORT

## eConstruction and ProjectWise

The Federal Highway Administration and the Transportation Research board have had an initiative for the past 4 or 5 years to encourage state DOTs and consultants to do what they call eConstruction. You can read all about it on the FHWA website. Their purpose is to improve the efficiency of transportation and other construction projects to conserve the resources available for the tremendous number of projects needed as defined by NIST, ASCE, and all of us as we drive over rough roads and sit in traffic jams. The ultimate metric that they are shooting for is the paperless project based on the good assumption that if less paper is used on projects, there will be less delays, the friction for information flow will be reduced, and projects will go faster and more efficiently.

The Crossrail project in London is a terrific example of eConstruction even though they don't call it eConstruction. This 10 year \$26 billion project connecting east to west through downtown London is using an interoperable suite of Bentley software including MicroStation, Navigator, OpenRoads, OpenRail, Bentley Map, Descartes, Pointools, RM Bridge, STAAD Pro and more, all



managed via ProjectWise, as the technology based on a process that has now become British standard BS1192 and PAS 1192 which is required for all major public projects. Another Crossrail success factor was the Crossrail Academy which has trained thousands of participants and stakeholders on the standards, processes, and procedures that have made Crossrail a success. And the proof - Crossrail is on schedule and within budget!

Michigan DOT was the first US DOT to complete a paperless, eConstruction project for which they won an award at the annual Year in Infrastructure event held in London. ProjectWise is their backbone for all projects. 34 US DOTs have implemented or are in

the process of implementing ProjectWise as the backbone for their paperless projects. Others still are in the planning stage.

What is the key to a successful paperless eConstruction project? A collection of interoperable software that covers as many of the disciplines and phases of a project, managed via ProjectWise with all of the participants trained, not only in the software, but also in the philosophy, standards and procedures of the project, like the Crossrail Academy in London.

Wondering how to decide which products to use? See the successful track record of companies like Crossrail and Michigan DOT! Bentley is your answer for eConstruction.

## 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 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** — 8/21-24; & 11/27-30
  - ◊ **TN Dates** — 8/7-10
- **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**  
  - ◊ **TN Dates** — 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** — 8/14-16; 11/6-8; & 12/18-20
  - ◊ **TN Dates** — 10/24-26
- **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**.  
  - ◊ **TN Dates** — 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** — TBD
  - ◊ **TN Dates** — TBD
- **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** — 9/11-13; 10/23-25; & 12/11-13
  - ◊ **TN Dates** — 8/14-16; & 11/28-30
- **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** — 11/13-16
- **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** — 12/4-5
  - ◊ **TN Dates** — 10/2-3
- **InRoads Fundamentals SS2** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is \$1600. Location: **HB & TN**  
  - ◊ **TN Dates** — 7/24-27; & 10/30-11/2
- **OpenRoads Designer Essentials** — This two day class gives you an introduction to OpenRoads Designer. Cost is \$1000. Location: **TN**  
  - ◊ **TN Dates** — 9/11-12
- **AECOSim Building Designer** — This course is designed to help users understand the features available in AECOSim Building Designer. Cost is \$1500. Location: **HB & TN**  
  - ◊ **TN Dates** — 9/19-21; & 12/4-6
- **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**  
  - ◊ **TN Dates** — 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** — TBD
- **Intro to ContextCapture** — This one day course will give you an overview on using drones to capture photos and then processing these photos in ContextCapture to create a 3D mesh model. Cost is \$495. Location: **HB**  
  - ◊ **HB Dates** — 7/24; & 10/10

### Other Software Classes

- **Microsoft Project Quickstart** — This one day course will help you learn how to use Microsoft Project in setting up a project, utilizing templates, identifying critical paths, and producing project reports including Gantt charts, burndown charts and financials. Cost is \$495. Location: **HB**  
  - ◊ **HB Dates** — 7/19; & 9/27



## OpenRoads Learn Conference

The Bentley OpenRoads Learn Conference is an annual technical event that features eight concurrent tracks of hands-on and lecture sessions, keynote presentations, tech talks, and user stories. It takes place on **December 12-14, 2018 in Indian Wells, CA.**

This is a great opportunity for those who cannot attend the Year in Infrastructure Conference in London to see the best of what's coming in OpenRoads and other Civil products including OpenRail, ContextCapture, LEAP, OpenBridge Modeler, LumenRT, Subsurface Utilities, and more! Sign up today at [www.bentley.com/learn18cali](http://www.bentley.com/learn18cali).

## Year in Infrastructure 2018

Join Archway at Bentley's annual Year in Infrastructure Conference in London on **October 15-18, 2018!** See the latest in Bentley software as well as all of the Year in Infrastructure Awards. This will be a great opportunity to network with other Bentley users from around the world and see what is coming next for Bentley's suite of software. For more information check out the [Bentley website!](http://Bentley website!)



## 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** — 7/31-8/2; 10/30-11/1; & 12/19-21
  - ◊ **TN Dates** — 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](http://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

### 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.