

## Curriculum Vitae of Amy S. Heine, PE, CCP

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### Education

#### **B.S. Economics, University of California, San Diego, La Jolla, CA 1989**

Coursework included: Calculus, Accounting, Macroeconomics, Microeconomics, Probability and Statistics, Marketing, Urban Studies

#### **M.S. (Civil Engineering), University of Washington, Seattle, WA 1995**

Coursework included: Construction Methods & Materials, Construction Estimating, Project Planning & Control, Surveying, Construction Equipment Management, Project Management, Construction Firm Management, Construction Productivity, Construction Contracts and Specifications, Construction Law, Marine Construction, Temporary Structures, Introduction to Geotechnical Engineering, Statics, Structural Analysis

### Registrations

|                        |                              |                          |
|------------------------|------------------------------|--------------------------|
| Professional Engineer: | Maryland (No. 39721)         | California (No. C 82302) |
|                        | Texas (No. 111124)(inactive) | Utah (No. 8311775)       |
|                        | Minnesota (No. 49970)        | Wisconsin (No. 42848-6)  |

Certified Cost Professional, AACE  
Certified Construction Quality Manager, USACOE  
Envision™ Sustainability Professional, Institute for Sustainable Infrastructure

### Affiliations

American Society of Civil Engineers  
ASCE Construction Institute  
Design-Build Institute of America  
American Institute of Constructors  
Association for the Advancement of Cost Engineering, International  
American Railway Engineering & Maintenance-of-Way Association

### Professional Work History

**2006 – Present: Hirschmugl, Heine & Associates, Inc.** is a Nevada corporation which offers consulting and engineering (design, planning and management) services specifically to the heavy civil construction industry. Ms. Heine serves as Principal and Vice-President. Specific Project Profiles are available upon request. Assignments include:

Project Management Consulting – Intercounty Connector Contract A, Rockville, MD  
Project Scheduling – St Anthony Falls Bridge, I-35W, Minneapolis, MN  
Owner's Schedule Review – I-95 HOT Lanes Design-Build, Virginia  
Owner's Schedule Reviews – I-495 HOT Lanes Design-Build, Virginia  
Design-Build Proposal Preparation – Willamette River Bridge, Portland, OR  
Project Scheduling – Central Corridor Light Rail Construction, Minneapolis, MN

**2001 – 2006: Edward Kraemer & Sons, Inc. Plain, Wisconsin.** Ms. Heine served as Project Controls Manager for the Corporation and as a Project Manager responsible for and involved in a variety of projects including the following:

New Structures for the Legacy Highway Design Build for the Utah Department of Transportation  
New bridge construction (Light Rail) over Interstate 215 for the Utah Transit Authority  
Addition of HOV Lanes SR-51 Design Build for the Arizona Department of Transportation  
New freeway construction Chandler, Arizona for the Arizona Department of Transportation  
Replacement of the Woodrow Wilson Bridge for the Maryland Department of Transportation

**2000 – 2001: DPR Construction, Redwood City, California.** Ms. Heine served as Senior Project Engineer responsible for construction of the Central Utilities Plant at the Micron Lehi, Utah Campus.

**1996 – 2000: Granite Construction Company, Salt Lake City, Utah.** Ms. Heine served as Project Engineer/Project Estimator responsible for and involved with a variety of projects including the following:

- Pavement Reconstruction/Bridge Rehabilitation of I-80 Park City, Utah for Utah Dept of Transportation
- Weber Canyon Road Extension for Summit County, Utah
- Widening of State Street in Salt Lake City, Utah for Utah Department of Transportation
- Widening of 700 East in Salt Lake City, Utah for Utah Department of Transportation
- Construction of the Light Rail Corridor, Salt Lake City, Utah for Utah Transit Authority
- Widening & New Structures I-15 Provo, Utah for Utah Department of Transportation
- Widening for HOV Lanes Highway 14 Lancaster, CA for California Department of Transportation