



American Society of Highway Engineers

Phoenix Sonoran Section Newsletter

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MISSION STATEMENT

"Provide a forum for members and partners of the highway industry to promote a safe, efficient and sustainable highway system through education, innovation and fellowship."

President's Message



On Thursday, July 23, 2009 the American Society of Highway Engineers (ASHE) started its first Section in the southwestern region of the United States. The Phoenix Sonoran Section was chartered with 42 members representing the engineering consulting community, roadway contractors and local government officials in the Metropolitan Phoenix area. The commitment of the organizing committee made this vision a reality.

Even though the Section is in it's infancy there is a lot of work to do in order to reach our goal of inducting another 40 members into the Section within the next year. Some of the things that the Board has been focusing on since the Chartering is developing the Section Bylaws, organizing committees and developing a program that will

be beneficial to the Section members and others in the Highway and Transportation Industry. Our Events Committee Chair, John Willett, is in the process of organizing a golf outing that will be held sometime in the spring.

Much of our current effort resides in the Section's Newsletter which will provide updates to our members on the issues facing our industry and upcoming networking opportunities.

If you have any interest in being involved with the Board or serving on one of our committees please come to one our breakfast meetings or e-mail me at jderr@gfnet.com

With the support of our growing membership, the Phoenix Sonoran Section is hopeful in providing the network opportunities for the Highway/Transportation industry to come together and build lasting relationships.

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What's in a name???????

Everything!!!! We are throwing out the challenge to our members to come up with our Newsletter moniker. The Intersection, The Milepost, The Delineator, all good names but taken. Our board will select the winner and their next ASHE Breakfast will be on us. Send suggestions to Dawn Fortuna at Dawn.Fortuna@jacobs.com

Event This Month

Tuesday, December 8, 2009

December Breakfast Meeting

- 7:30 AM Registration
- 8:00 AM Breakfast
- 8:00 AM Bill Dehn, URS, 202 DB

\$20 for ASHE members and \$25 for Non-Members and Walk-Ins.

Location: Hilton Garden Inn, Airport North, 3838 E. Van Buren St. Phoenix



Calendar of Events 2009-2010

DATE	EVENT/LOCATION	SPEAKERS/TOPIC
December 8, 2009	December Breakfast Meeting Hilton Garden Inn, Airport North 3838 E. Van Buren St. Phoenix	Bill Dehn, URS/Phoenix 202 Design Build Lessons Learned
January 12, 2010	January Breakfast Meeting Hilton Garden Inn, Airport North 3838 E. Van Buren St. Phoenix	Doug NintzeL, ADOT Media Relations/Communications within the Highway Industry
February 9, 2010	February Breakfast Meeting Hilton Garden Inn, Airport North 3838 E. Van Buren St. Phoenix	Bob Hazlett, MAG Overview of Recent Prop. 400 Changes

If you would like to help with upcoming events or have a program topic.....

Please Contact Jim Mischler at mischler@pbworld.com

E-Mail

To receive ASHE updates via e-mail, please contact Carol Hardy at
602-553-8817, Ext. 312
Or chardy@gfnet.com

October

Brian Buchanan, Valley Metro Rail

Mr. Buchanan gave an overview of the very successful debut of the 20-mile starter line as well as a peek at future extensions and the process and challenges of implementing these complex construction projects in today's economic environment.



November

Melissa Boyles, Legacy Civil Rights Consulting, LLC

Ms. Boyles presentation covered utilizing Federal Funding while maintaining MBE/DBE Compliance. The goal is to integrate the small business community as a partner at the table as a key element to economic recovery.



Recognitions

What have you done lately that deserves a pat on the back? A promotion, an award, a new job? Let us know so we can celebrate your success!

Founding Chapter Members

Michael Bonar	Sara Elco	Doug Peters	Lisa Ruane
Darryl Bradley	David French	Susie Mason	Wade Rushton
Michael Bruz	Scott Gehrke	Travis McCarthy	James Schleich
Tony Cabrera	Jay Guertin	Robert McMichael	Bill Sloan
John Clark	Carol Hardy	Herbert Miller	Mark Stark
Bill Cowdrey	David Hopper	James Mischler	Andrew Smigielski
JoAnne D'Alessio	Denis Howe	David Moody	Fred Tallarico
Matt Dasen	Bruce Kay	Luis Moto	Zachary Teegarden
John Derr	Doug Lattin	Tim Muller	Sharon Wavering
Ray Dovalina	Bill Linck	Maher Osman	Clinton Wilkins
		Jason Pagnard	John Willett

We Proudly Welcome:

Dawn Fortuna, Jacobs

Total Section
Members:

43

Membership

Interested in being a member?

Contact Maher Osman at mosman@cei-az.com

Or

Carol Hardy at
chardy@gfnet.com

Featured Transportation Project

BEARDSLEY ROAD CONNECTOR

The City of Peoria programmed a significant infrastructure project that took advantage of the first constructed segment of the SR 101L Agua Fria freeway by providing access to its growing area near SR 101L. This 2-phased project provides access to residential areas to the west and northwest of L101, frontage roads, and interchange widening of the Union Hills TI. Major work items include a new Beardsley Road alignment, arterial roadway improvements, a new roundabout, a new bridge crossing New River, new freeway bridges, and **Arizona's first Texas U-Turn structure**. The project partners included the City of Peoria, ADOT, Jacobs Engineering, J2 Engineering & Environmental (DBE/MBE), Corral Dybas Group and TYLin.



The existing TI and cross streets are typically congested with traffic exiting/entering the freeway as well as obtaining access to a large shopping area west of the interchange. This project will not only help relieve the congestion at Union Hills and 73rd Avenue but will have positive traffic results on a regional scale.

Funding Sources

Phase I was initially funded through Proposition 400 RTP funds. The project team saw value in adding the Union Hills TI widening into the project. In addition, Phase I was successful in obtaining ARRA funding for this portion.

Phase I – Beardsley Road Connector

Access from L101 would be via a new roadway based on the Beardsley Road alignment. This new road will provide continued vehicle access to SB L101 lanes, as well as NB L101 lanes via the Texas U-Turn structure (north of the Union Hills TI).

Phase II – L101 Frontage Road, U-Turn Structure and Union Hills TI Widening

Frontage Road and U-Turn Structure. To access Beardsley Road from L101 as well as continuous movement of traffic in a SB and NB direction, a complete system of frontage roads and an innovative U-Turn structure was analyzed and designed. Travelers from Beardsley Road wanting access to NB L101 will no longer have to travel on cross streets to access the Union Hills TI. They will be able to access the freeway by heading SB on L101 and utilizing the Texas U-Turn structure just north Union Hills.

Union Hills TI Improvements. The Arizona Department of Transportation (ADOT) programmed the widening of the Union Hills TI for their FY 2012. To avoid future constructability issues and less impact to the public, ADOT prioritized this project to be designed and constructed simultaneously with the City of Peoria's project.

Accomplishments

- State's first Texas U-Turn Structure
- At the 95% completion stage, November 2008, Economic Stimulus funds were applied to project. Federal-imposed requirements were incorporated into the design, and project (both phases) were kept on design schedule.
- 13 meetings (7 public and 6 stakeholder)
- Video and still rendering of future facility presented at meetings and on City of Peoria's website.
- A CCTV camera viewed the existing 4,000 LF of sanitary sewer pipe and a geotechnical and structural analysis was conducted to ensure that the new alignment of Beardsley Road would not compromise the structural integrity or operation of the sewer line.
- Inter-governmental Agreement (IGA) with City of Peoria, ADOT, MAG and the City of Glendale.

**Has Your Firm
Advertised
in this Issue?**

Here's your chance to get in on the ground floor of our quarterly publication!!!

Contact Dawn Fortuna (dawn.fortuna@jacobs.com) to get all the details on how you can take advantage and participate in our newsletter. The yearly cost for advertisement is only \$100.

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