

INSTITUTE OF TRANSPORTATION ENGINEERS CENTRAL CALIFORNIA SECTION



Special Joint ITE / ASCE Meeting

Lunch Meeting

Date and Time

Thursday, January 19, 2012
12 Noon – 2:00 PM

Please arrive early! We have a full program and it will start at 12 Noon sharp!

Please make your reservation ASAP!

Place

Wedgewood Banquet Center
(Grand Occasions)
Diamond Room I
4584 West Jacquelyn Ave
Fresno, CA 93722

Raffle Prizes

Program

Technical Program 1



Missouri Flat Road/US 50 Interchange Reconstruction – Single Point Diamond Interchange – Alan Glen, Quincy Engineering.

Quincy Engineering completed the Project Report and Environmental Document for this complex single-point diamond interchange project. This interchange will reduce traffic congestion, improve operational efficiency, and accommodate planned growth in the community. This project involves:

- Increasing on- and off-ramp capacity
- Widening and seismic retrofitting two bridges over Weber Creek
- Constructing six retaining walls
- Reconstructing several roads and intersections affected by the interchange
- Replacing the existing overcrossing

Prior to Quincy Engineering becoming involved with the project, the County expended a significant effort to identify a suitable solution for this impacted interchange. As a result of their efforts, the single-point diamond interchange (SPDI) was identified as the best solution, but Caltrans (who has project overview responsibility) expressed concerns about the preliminary design. To alleviate Caltrans concerns, Quincy Engineering was hired by the County to perform a "Peer Review" of the project. As part of this review, Quincy Engineering prepared an Alternatives Analysis Report that included suggested technical revisions to the SPDI, which led to Caltrans approval of the design concept.

The project is being developed in three phases: 1) the Phase 1A project was completed in 2009 which reconstructed the interchange; 2) Phase 1B to widen the Weber Creek Bridges and the construction of auxiliary lanes and conversion of the interchange to a tight diamond which has been designed by Quincy Engineering will complete construction in late 2012; and 3) the final phase which will convert the interchange to the SPDI that will be needed in approximately 15 years.

Mr. Glen has over 32 years of transportation design and management experience and is adept in all phases of roadway design. He has performed as a Project Manager, Project Engineer, and Designer on a variety of Caltrans transportation projects throughout California. He was also a Geometric Reviewer for more than two years, responsible for the geometric approval of all designs in Northern California, as well as San Bernardino and Riverside Counties.

Technical Program 2



This is a great program will many details and examples!!!

The Self-Anchored Suspension Bridge Segment of the San Francisco-Oakland Bay Bridge East Spans of the Seismic Safety Project continues to advance their work of steel erection in Oakland as they have received all major fabricated steel components from China.

Dr. Brian Maroney and Karen Wang will present the uniqueness of this bridge with the design elements and the complex nature of the construction and steel fabrication involved. They will discuss how quality is driven as a main element throughout the entire steel fabrication and erection process. They will also present the current status of the project as they strive towards a bridge opening of 2013.

Dr. Brian H. Maroney is a Civil PE registered in California. Dr. Maroney has over 25 years experience in Bridge Design, Earthquake Engineering, Construction and Project Management. He is employed by the California Department of Transportation and is currently the Principal Bridge Engineer and Deputy Toll Bridge Program Manager overseeing all aspects of the design for the entire Toll Bridge Program. He is also an Adjunct Professor in the Civil & Environmental Engineering Department at the University of California, Davis.

Karen Wang is a Civil PE registered in California and has been with HNTB for 10 years. She is a member of the HNTB Program Management Team on the East Span of the San Francisco-Oakland Bay Bridge Project since 2005. She has served on the most critical parts of the project as the list includes the following:

- Award Winning Yerba Buena Island Detour Project involving the roll-in/roll-out of the steel truss bridges during a 4-day bridge closure
- Permanent repair of the Eyebar on the Existing Bay Bridge involving a 2 month fast track task with at times requiring round the clock efforts
- Currently, she is working on the Self-Anchored Suspension Bridge involving management of all issues related to the orthotropic box girders, but more importantly, bringing together an expert seismic safety peer review panel and expert welding panel and leading them through an oversight process of the steel fabrication completed in China

Raffle

Buffet Lunch

Price

\$20 for Buffet Lunch and Program

For Reservations, Please reply to this email

Or Contact

Mike Bitner

E-mail: mbitner@fresnocog.org

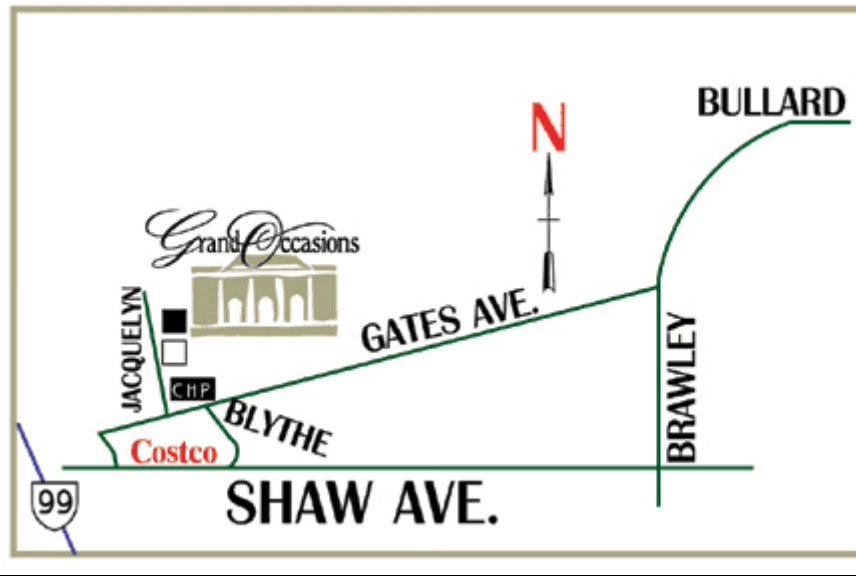
Or Phone (559) 233-4148 Ext 216

We must have a count of meals for the meeting!
We are charged based on our reservations even if you don't show up!

Visit our website

http://www.westernite.org/Sections/Central_California/index.html

MAPS



Wedgewood Banquet Center Web Site <http://www.wedgewoodbanquet.com/fresno/>





Additional Directions:

Follow the maps or use these additional directions.

From Hwy 99: Take the Shaw exit and head east about ½ mile through the signalized intersection of Shaw and Golden State Blvd. Make a left turn at the first left turn lane east of Golden State onto Jennifer Ave. Turn right at the first stop sign onto Gates Ave., then immediately left onto Jacquelyn Ave. The CHP office is on the corner of Gates and Jacquelyn. Proceed north on Jacquelyn just past the CHP office. Grand Occasions is on the right side.

Parking is available on street and also in the parking lot in the rear. Overflow parking is available in the dirt lot in the rear – if necessary.

From Shaw Avenue westbound: Turn right on Jennifer and follow the directions above.

Please help us with our email contact list.

If you know anyone who would like to be added to our mailing list, please email me at mike.bitner@comcast.net and they will be added.

If you do not wish to be on our mailing list, email me at mike.bitner@comcast.net for removal.