

## Dinner Meeting Announcement



### ***Oakland Bay Self- Anchored Suspension Bridge***

***David L. McQuaid***



David L McQuaid is a graduate Civil Engineer from West Virginia University and he has worked in the steel fabrication and welding industry for over fifty (50) years. He worked for American Bridge Company for over thirty-one (31) years during which he became a fabrication and welding consultant and expert in this field. He has been active for over thirty-five (35) years in the development of the American Welding Society Codes and in particular the AWS D1 Structural Welding Codes. He is a member of the AWS D1 Main Committee and was Chairman of the Committee for six (6) years. He is currently the Chairman of the AWS D1.5 Bridge Welding Committee. He is a Director-at-Large on the AWS Board of Directors and Vice President Nominee.

**When:** November 27, 2012

**Where:** Schmidt's Restaurant, German Village, 240 East Kossuth St., Columbus, OH, 43206  
www.schmidthaus.com 614-449-6808, 614-449-4038

**Schedule:** Social: 6:00 – 6:30 pm, Dinner: 6:30-7:00 pm, Lecture: 7:00-8:00 pm

**Cost:** Cost Members (of CTS Societies) \$20, Non-members \$25 and Students \$10

**Summary:** The eastern span replacement of the **San Francisco – Oakland Bay Bridge** has been under construction since 2002. Originally scheduled to open in 2007, it is now scheduled to open to traffic on or just after Labor Day 2013 at an estimated cost of \$6.3 billion.

The original eastern span of the *Bay Bridge*, built in 1936, became the subject of concern after a section collapsed during the Loma Prieta earthquake on October 17, 1989. The replacement span is engineered to withstand the largest earthquake expected over a 1500 year period, and it is expected to last at least 150 years with proper maintenance.

The Self-Anchored Suspension (SAS) tower was structurally complete as of 2011. All 28 deck segments on the SAS span are in place. The installation of the eastern deviation saddles and strand anchor points was followed by main cable strand placement and compaction, with structural completion approaching (in mid-2012) with the current placement and attachment of suspender cables.



**Contact:** e-mail John Lawmon, at [AWSColumbus@msn.com](mailto:AWSColumbus@msn.com), to make a reservation or for more information. All reservations are final on Sunday 25<sup>th</sup> of November. Please be prepared to make payment by cash or check (made out to American Welding Society) at the door.