



Region's Best Honored at Chapter Awards Banquet

The San Diego chapter of CMAA hosted its third annual awards banquet on April 22, 2010 to a packed house of over 300 attendees. Despite difficult economic times, this was the most successful turnout to date for the awards banquet, a strong testament to the chapter's value and strength. In addition to the recognition of a number of outstanding projects and owner honorees, the night included thoughts from Cliff Brewer of McGraw-Hill Construction, who was presented with the Friend of the Industry award, and Owner Honoree Mark Watton, General Manager of Otay Water District. "It always amazes me to look out onto the audience at this event at all the consultants and owners and professionals and think 'This is CM in San Diego,'" notes Paul Mochel, Chapter President. In addition to chapter awards, more than \$17,000 were awarded in student scholarships. For a full list of the nights' award recipients, see page 10.



Chapter President Paul Mochel (right) presents Honoree Award to Mark Watton, General Manager of Otay Water District (left)

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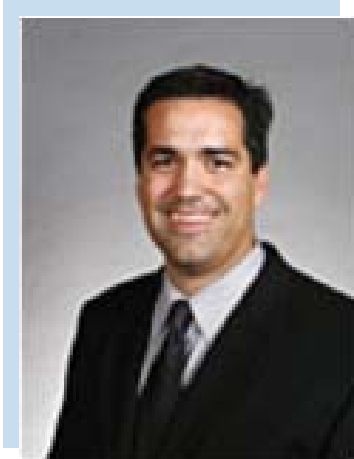
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CMAA San Diego Chapter
PO Box 41202
Long Beach, CA 90853
562-434-8409

cmaasd@cmaa-sd.org
www.cmaa-sd.org



From The President

A Message from the Chapter President Paul Mochel

The San Diego Chapter has had a busy spring and I'd like to share some highlights with you.

Third Annual Awards Banquet On April 22, 2010, the San Diego Chapter held its third annual Awards Banquet hosted by our fabulous emcee Dan Fauchier. Thanks again Dan! The evening was a fabulous success with over 320 in attendance. During the banquet, the Chapter gave \$17,000 in scholarships to eight deserving students and awarded 12 projects with a Chapter Project Achievement Award. The Chapter also gave Distinguished Owner Honoree Awards to 8 owners in San Diego that have made unique contributions to the San Diego Chapter over the past year, showing their continuous support to the industry and the association. Jacobs Engineer and URS were honored as member firms of the year for their continued outstanding commitment to the Chapter. McGraw Hill was honored as a Friend of the Industry for their continued support. Gary Cardamone, the CMAA National Chairman of the Board, provided an update on the National Front. We finished the banquet with a presentation by the evening's honoree, Mark

Watton, General Manager for the Otay Water District. All proceeds from the evenings will go towards the Chapter's scholarship fund.

A special thanks goes out to the Chapter's consultant, Kelly Asper of the Asper Group, who worked tirelessly to assist the Chapter in making a great event. Additional thanks to all the board members and volunteers who made this banquet such a success.

Golf Tournament On June, 18, 2010, the San Diego Chapter held its fifth annual golf tournament at the Rancho Bernardo Inn with over 100 attendees. The weather was terrific and great time was had by all. Thanks to Rod Bleakly and everyone on the activities committee for all the hard work that went into this great event. All of the Chapter's profit from this event goes to the Chapter's scholarship fund.

SWPPP Seminar On May 7, 2010, the San Diego Chapter held a breakfast seminar to discuss the new SWPPP requirements that became effective July 1, 2010. We had a panel of experts and local owners who provided a wealth of information about these new requirements. This seminar was attended by almost 100 people and was a great success! The San Diego Chapter prides itself on providing relevant and useful seminars to provide the maximum benefit for our members. Please check our website for upcoming events.

National Conference San Diego is host to the CMAA National Conference October 3-5, 2010 at the Manchester Hyatt in downtown San Diego. Please mark these dates on your calendar as there will be plenty to see and do! There will be technical tours of local projects, along with wonderful technical seminars and events at the conference. Please check the website as we get closer for more information.

Our committees are always looking for volunteers and are a great way to get involved in the Chapter. Please contact myself or anyone on the board if you are interested. Enjoy the summer!

Paul Mochel
President



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Top 4 Issues

Per action by the San Diego Regional Construction Procurement Committee (RCPC), a summer symposium will be held on August 11, 2010 to engage in substantive dialog, share experiences, present research/data, and develop practical solutions for public agencies and the industry. The San Diego Chapter of CMAA is the first professional society to pledge financial support for this event.

The symposium will bring together 40 or more of the Region's top Subject Matter Experts (SME's) in the Top 4 Regional design and construction issues. The "Top 4" have been chosen from an April 2010 survey of 176 leaders from public agencies and industry associations:

1. **Alternative Delivery Methods:** What's Working, What's Not Working in IPD, Design-Build, CM at Risk?
2. **Lean Lifecycle/BIM** and other program management methods to make projects work more efficiently, cost effectively and bring better value to the project owner
3. **Water and other Natural Resources:** How to keep industry going in a world of less water PLUS coping with the looming shortage of other local natural resources, recycling and solid waste management. What decisions can public works owners make today that will put us on a sustainable path?
4. **Delivering Quality in the New Millennia:** Given our aging work force, how are we mentoring the next generation of leaders? How will high quality be delivered during a time of high-turnover at the top and middle of organizations? What are solutions for QA/QC needs by owners, builders, designers & suppliers?

SMEs will include public owners, contractors, consultants, subcontractors and suppliers committed to the success of the construction industry in the San Diego Region. Under a "Project-First" attitude, participants will engage in substantive dialog, share experiences, present research/data, and develop practical solutions for public agencies and the industry. A representative of each expert group will present its findings at the CMAA National Conference (October 3-5, 2010) at the San Diego Manchester Hyatt AND to some of the San Diego Region's top public agency executives at the 11th Annual Paths to Partnerships Forum & Conference in October 2010.

CMAA members are encouraged to forward this email to an tone within or outside your organization who might be a Subject Matter Expert in one of the Top 4 Issues. Full information is available at www.Top4issues.com.



2010 CMAA
National Conference
& Trade Show

October 3-5, 2010

San Diego, CA
Manchester Grand Hyatt



Project Spotlight: Broadway Pier Cruise Ship Terminal

By Arif Naqvi, CCM, Arcadis

The Unified Port of San Diego's dramatic new cruise ship terminal is rising on the nearly century old Broadway Pier. It was designed with the Port's vision of renewing the waterfront thereby laying the foundation for an economic engine for the city to bring tourists to San Diego from around the world. Tourism is the life blood of San Diego with visitors pumping much needed revenue into our local economy. The new Cruise Ship Terminal will be a state-of-the-art building welcoming visitors to San Diego while helping to grow the cruise shipbusiness.



Jaynes Corporation of California is the prime contractor for the \$17 million project which includes the 52,000 square foot terminal building, seismic retrofit of the pier and fabrication of a \$2 million passenger boarding bridge. The eastern half of the building comprises two stories and includes an elevator. The western half is one story with a high ceiling and includes an escalator and an ADA-compliant ramp to the second floor. Construction is anticipated to complete by the final quarter of this year.

Features

- ◆ The westernmost sixty feet of building is supported on the western segment of the pier built in 1930. This portion of the building is structurally separate from the main building.
- ◆ The main building is supported by a hybrid pier consisting of a 65-foot-wide central portion of the pier built in 1913 and braced on each side by 30-foot-wide pier extensions built in 1989. The 1989 portions of the pier include batter piles designed to resist ship and seismic loads. New lead-rubber bearings installed in new pile caps on the batter piles reduce the seismic design loads the pier and building resist.
- ◆ The main building columns are fabricated from T-shaped members welded to the webs of wide flange columns. The fabricated columns form cruciform shapes in section.
- ◆ The roof shape is sawtooth in profile with louvers mounted on the vertical faces
- ◆ The building exterior will be sheathed with metal panels with pearlescent coatings which change color depending on the angle of the observer to the panels.

(continued on page 9)

Student Spotlight: Devin Ulibarri

Every month CMAA likes to show off our student members by introducing them to the chapter. This month CMAA is putting the spotlight on Devin Ulibarri. Mr. Ulibarri attends National University where he is a senior working towards his Bachelors in Construction Management concentrating in project/program management with an emphasis on standard engineering principals and practices. He will be graduating in September 2010. Devin has earned a GPA of 3.55 and has also passed the Construction Manager in Training (CMIT) test. He also plans to take his CCM exam in the near future as well as obtain his masters degree upon acceptance into the program.

Devin has been very active in CMAA and has become a familiar face at our chapter events over the years. Devin was the grand prize scholarship winner at this year's CMAA Awards Banquet and has been a student member of CMAA since 2008. Devin is also involved with other industry organizations such as Construction Specification Institute, American Society of Professional Estimators, United Brotherhood of Carpenters of San Diego, and the Association for Advancement of Cost Engineering.

Devin is currently a project estimator at Kaiser Permanente-Architecture and Construction where he drafts subcontracts; develops budgets, cost analyses and final estimates; develops baseline construction schedules; qualifies bids and quantitative material and labor take-offs; and orders materials for constructive maintenance.

If you have any advice or would like to mentor Devin, please contact CMAA San Diego.





Communication Tactics for Hard Times

By Joe Charest, Katz & Associates

Not finding themselves immune to the pressures of a troubled economy, many public agencies have less staff than a year ago - and fewer communication dollars than ever to keep stakeholders sufficiently informed. The best advice for these organizations: Don't Stop Talking! Many experts will tell you that hard times call more than ever for staying in touch to protect hard-won community equity. So what to do? Here are seven easy pieces:

1. **Prioritize the Topics:** What are the most critical issues facing your customers in 2010? Call out the more pedestrian communication and create a "Must Do" list that protects your reputation and advances critical projects.
2. **Leverage the Inexpensive:** Web updates and social media represent less expensive communication than printed pieces. Promote your Web address at every turn. Send an inexpensive postcard to announce important new content - rather than printing and mailing it. The public is still seeking information, sometimes just from different places.
3. **E-mail: No Postage Required:** Once set up, it is quicker, cheaper and highly effective (as long as you adopt the basic tenets of opt-in and anti-spam).
4. **Balance In-House and Out-of-House:** Having internal staff versus a public relations agency isn't a one-or-the-other proposition. Internal

staff, with benefits, often cost more. But one valuable staffer - or even half of one - can save time and money with familiarity of communication programs and "how we do things." On the other hand, a good public relations agency that can be called on only when needed can provide a critical "on-call" resource when staff levels are low.

5. **Part with the Press Release:** If you are still reproducing and mailing press releases, stop it! Almost all media outlets not only accept releases embedded in e-mail, but prefer them.
6. **Slay a Sacred Cow:** Are you spending money doing things because "that's what we've always done?" Do you do an expensive annual publication that almost no one reads? Can you post it online instead? Can you discontinue or limit an expensive, four-color magazine? Drive your stakeholders to your Web site instead.
7. **Focus on Customer Benefit:** Since we are in a recession, be part of the solution, regularly offering tips on cost reduction for your product. Some messages bear repeating frequently, and that costs almost nothing.

A quick Google search reflected not one communication expert that recommends eliminating communication in a pinch. Rather, ramp up efficiency and focus on what's most important, choosing quality over quantity.



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A Message from the Membership Committee

From Todd Niemann, CCM, Membership Committee Chair

Dear CMAA Members and Friends,

If you have never attended one of the CMAA Leadership Forums at the National Conference & Trade Show – your chance is never going to get better. Our chapter hosts this year’s conference which will be held October 3rd – 5th at the Manchester Grand Hyatt where attendees will experience the best of the city.

CMAA hosts the Leadership Forum in the spring and the National Conference & Trade Show in the fall each year. These conferences offer educational programming, keynote speakers, and many networking opportunities for the attendees, plus the trade show. Be sure to watch for the conference brochure which is coming soon or visit: www.cmaanet.org/national-conference-2010 for more details and registration. Make sure to take advantage of those early bird member rates and register before August 9th.

If you are planning on attending, the chapter is also in need of volunteers to help host the education sessions and the local chapter concierge/info table. Please contact Todd Niemann at todd@twniemann.com if you are interested.

Membership News

The San Diego Chapter welcomed 20 new members in the second quarter of 2010 for a chapter total of 365 members. This includes 7 new student members from San Diego State and National University.

Membership in the Construction Management Association of America gives you easy access to an entire portfolio of services and resources that can improve your professional performance and your firm’s business results, as well as brightening the business outlook for the profession as a whole.

If you are not yet a member, we encourage you to join the team of construction professionals in its effort to shape the construction industry. Advance your business and build relationships over night, join CMAA today!

Here are just some of the benefits of membership:

- ◆ Being part of one of America’s most dynamic and successful associations. Membership is growing by 10-15 percent each year, and new programs are springing up continuously!
- ◆ Share in initiatives to define your profession and build its market.
- ◆ Stay up-to-date with the latest advances in the industry through participation in CMAA conferences, webinars and other activities.

- ◆ Bring continuous improvement to your own job performance and that of your entire organization through CMAA’s “career-long” Professional Development programs.
- ◆ Search the online member directory for potential partners, suppliers or clients; maintain your own profile to attract other members’ attention, search for open RFPs (service providers), post your RFP (owners), be listed in the “Find-A-CM/PM” database (Corporate member firms), or be listed on our “Professional Resources Directory” (Associate members).
- ◆ Receive monthly publications providing knowledge and guidance surrounding critical issues in the field. Browse the CMAA Bookstore for the latest resources from CMAA and other publishers.
- ◆ Attend national and local events, offering you a chance to expand your professional network
- ◆ Support the Certified Construction Manager (CCM) credential, the industry’s only ANSI-accredited personnel certification program.

Refer a Friend to CMAA!

Find your membership in CMAA valuable? Do you know someone else who might find it valuable, too? Let them know about CMAA and you’ll be entered to win prizes!

The Annual Grand Prizes will be either a free registration to the CMAA National Conference & Trade Show or a one-year VIP Professional Development pass, entitling you to unlimited participation in CMAA University webinars and other PD programs.

Two winners will be drawn: One for recruiting the most individual members, and one for recruiting the most corporate members. (To qualify for an annual prize, your referrals must join the Association.)

In addition, CMAA holds quarterly drawings. Winners will receive a \$100.00 CMAA gift certificate valid for use at CMAA’s Bookstore, towards CMAA University programs, membership dues, or for any other CMAA purchase.

Click the link below to forward that page to a friend or colleague and help bring new members into CMAA! Be sure to remind your friend to list your name in the “Referred By” field on the membership application.

Refer a friend now! (By using this link, you will get an entry for each friend you refer!)

www.cmaanet.org/why-join-cmaa



Themed Entertainment 101

By Daniel Sicile-Kira ASID, CCM

As long as people are in pursuit of leisure experiences that deliver an ever increasing amount of thrills and satisfaction, there is going to be a great need for individuals and companies that have the technical expertise to deliver the kind of high-tech experiences that people are looking for. The design and construction of a themed environment is a complex task requiring the contributions of many talented people from a wide variety of skilled disciplines that must all work together to create a unique immersive environment that will entertain and sustain the wear and tear of millions of people day after day for years to come.

The design, engineering and construction of an attraction are an amazing and unique blend of art and science cooked up by people who are passionate about bringing their ideas to life. The designs are constantly challenging the industry to exceed what they have achieved and demand us to go forward into the unknown. Themed environments often involve corners that are not square and structures that are intentionally crooked.

The stages of an entertainment project are very similar to what we are taught in construction schooling and what is reinforced by CMAA, but with some significant twists, unique to this industry.

- ◆ Concept of the “blue sky” process. Marty Sklar who was until recently the chairman of Imagineering for Walt Disney stated, “Everyone starts with a blank piece of paper. There are two ways to look at a blank sheet of paper. You can look at it as the most frightening thing in the world or as the greatest opportunity in the world because nobody’s put anything on it.” Preliminary designs are developed for major project components including scope, nature, size, financial parameters, schedule milestones, target audiences, economic and operational guidelines.
- ◆ Master Plan. Once you have a good concept complete, you can then move to creating the fun little details that make each guest experience so wonderful. Walt Disney once said, “If you focus on the long shot, it makes the close-ups easier.” Master planned themed environments include the art of accommodating all the five senses being architecture, landscape, lighting, sound and tactile sensations.
- ◆ Show Design. This stage is often overlooked by architectural based design firms, yet show design is the heart of the themed environment. The show design team creates the characters, stories, rides and shows to form the basis of the guest experience. Set design, rockwork design, ride design, figure development, prop selection, film and media production. To better appreciate the complexity of ride engineering, visit the godfather of ride design whose website states “we worked on more than 500 roller coasters and more than 600 other moving structures” Dr. Werner Stengel of Ingenieurbuero Stengel GmbH (www.rcstengel.com).

- ◆ Schematic, design development and construction drawings stages incorporate the usual levels of detail but also include scripts, storyboards, scale models, full size mockups, color and finish boards. When I worked on Disneyland Paris, we erected a full size, fully equipped bathroom mock-up and paraded the bidders through to appreciate the precise scope of work.
- ◆ Construction and Production stages. In addition to the usual PM and CM duties, the Owner can be very much involved at this stage in the forms of a Show Producer, Art Director, Lighting Designer, Sound Designer, SFX producer, Show writer, technical producer, Theatrical producer, Film and media producer. It is not unusual to have 100-200 vendors or suppliers who provide such specialty deliverables as themed signage/graphics, show sets, show props and dressing, scenic painting, rockwork, artificial foliage, exhibitry, film production, video and audio software production, A/V systems, special effects, show/ride systems, show ride control systems, show action equipment, animated figures & props, theatrical rigging and stage equipment, interactives, show water, show mechanical systems, food service, retail, ticketing systems, cash handling and security systems. In my experience with Walt Disney, Lego and Universal Entertainment, the Show Producer generally had the last word over construction issues. The guest experience ruled.
- ◆ Installation, Programming and Training stages. Once the facilities are complete, teams of producers, directors, programmers and technical directors oversee every aspect of this effort. Theming, interior design, special effects, lighting, audio, show control and live stage production takes place at this time. Generally 2-3 months before completion, the Owner/operator comes in with their staff to commence training. At this point, any yet to be completed scope or punch list items are relegated to after hours and night shift work. The threat of liquidated damages starts to become very focused at this point as it is simple math to determine actual damages if 10,000 or more paying customers cannot enter a new facility on the date advertised.
- ◆ Opening day. This is the best part of the process. You sit back and watch the faces of all the guests as they look in amazement upon the magical world you help create. Take a lot of pictures on opening day as the facility will never look the same again.

Many companies and professionals pursue this field, whether it is for theme parks, amusement parks, science centers, aquariums, zoos or other forms of leisure activity. There is the excitement, glamour, gizmos, special effects and the Hollywood feel of this industry that attracts us to have this on our resume or references list. It is a tough field to break into, there does not exist a school of theme park design or construction and it is a high risk endeavor for first timers, but it certainly captures the imagination. For those who have experienced the rush of opening an attraction, it is also very addictive.

For a further taste of this unique industry go to the TEA (www.themeit.com), IAAPA (www.iaapa.org) web sites.



Alternative Delivery Methods: Understanding and Scheduling Integrated Projects

By John L Steele, Adept Management Limited

The separation of design from construction has been the norm for the majority of the construction industry for many years. Consequently, contractors have developed an excellent knowledge of the construction process, whilst the design process has remained a mystery to most. However, as the use of traditional design-bid-build delivery reduces in favor of alternative delivery methods (e.g., Design-Build, Integrated Project Delivery), any contractor without knowledge of design and procurement, as well as construction, is in a pretty precarious position.

The design and procurement phases in particular are hugely challenging to manage and control owing to them being non-linear (construction / production processes, conversely, are, literally, straight forward). The design phase revolves (again, quite literally) around the project participants sharing and developing information in iterative cycles, making assumptions as they go in order to progress design and learn more about the problem before repeating the process with improved understanding. Whilst this is a challenging environment to understand, the management and control of this process is critical to the success of the construction phase and thus, the project as a whole.

The differences between the design process and the construction process mean that different, yet complimentary, approaches must be used to first establish schedules for these two discrete phases of work, before dovetailing these together to identify and mitigate all potential risks at the interface. The construction process is best defined using reverse pull-scheduling, a 'lean' approach that uses the end-point (where we want to get to) as an anchor point, against which the team works backward based on what steps are required, and in what

sequence, to get there. This is achieved via collaborative wall-boarding workshops - thus ensuring that all required perspectives are introduced and considered.

The design process cannot be truly captured using pull-scheduling and as such, another 'lean' methodology (known as DSM) is implemented that involves defining: i) the activities that will be undertaken to deliver the design (in the form of a Work Breakdown Structure); ii) the team member accountable for completing each 'activity' (ensuring linkage between scope of service and work to be completed); and iii) the information that is required in order for the designer to complete each activity in one go. The basis of the integrated schedule will be an optimized sequence and process which allows designers' activities to be commenced using the correct inputs and information flows, and subsequently completed in the agreed timescales and to the quality necessary.

Standard critical path based tools are not capable of analyzing or streamlining the true complexity of the design process as they do not enable backward flows of logic (i.e., design iteration) to be represented. The DSM, however, allows both forward flowing and backward flowing logic to be considered when sequencing the work. Activities can then be moved in the sequence so that as many activities as possible take place only when the information that is required is available. This identifies where 'iteration' is valuable and necessary and reduces the potential for needless and costly 'rework'. The activities that sit within each of these sets are owned by multiple design functions and require close collaboration to ensure full coordination - it is during these periods when 'clash prevention' takes place.

Once optimized, the design process is exported into a critical path schedule. Each of the 'interdisciplinary coordination periods' is scheduled and managed as a single phase of work and, owing to the sequence of design being optimized to ensure that only logic is driving the sequence, the start and end date for each activity is determined by only one key constraint - the project start date.

The final step that is used to generate the integrated project schedule is to integrate the optimum design schedule with the optimum construction schedule. The Procurement Strategy is pivotal as design activity can be simply linked to each work package to enable a design-driven release date to be determined. These design-driven Work Package release dates can then be compared with the construction-driven 'start on site' date for each Work Package (taking into consideration the individual lead times for each package). Where conflicts do exist appropriate 'date alignment' strategies can be agreed between all parties.

The engagement of all parties throughout the development of the integrated project schedule will ensure alignment between the many project participants whilst creating commitment within the team. This is critical to the success of the project and becomes invaluable when determining and agreeing strategies and tactics for adhering to schedule in the event of unforeseen circumstances. We fully recognize that variability is inherent in any project and that it is impossible to manage-out all of this in practice. However, our focus on creating the integrated project schedule coupled with the collective commitment of the team to deliver in line with the target dates ensures that we can monitor progress closely throughout the project.



CMAA Golf Tournament A Success

By Rod Bleakley, Activities Committee Chair, Simon Wong Engineering

This year's 2010 golf tournament was held again at the Rancho Bernardo Inn. On a beautiful 75-degree blue sky day, over 125 players were on hand to soak in the sun and the fun all while raising money for scholarships. More than 20 sponsors were on hand at the course this year to greet the golfers with a cold beverage as they played through. This was the most successful tournament to date, raising more than \$11,000 for the San Diego chapter student scholarship fund. We look forward to an even better 2011 tournament.

12th Annual Paths to Partnerships Regional Forum

The Paths to Partnerships education committee is now accepting nominations for 1.5-hour education sessions to be delivered at the 12th Annual Paths to Partnerships Regional Forum in San Diego, California on October 21, 2010 at the San Diego Convention Center.

Participation from owners, contractors and consultants in the engineering and construction industry is highly encouraged. You may browse last year's proceedings at pathsreg.org/eventdetails.html.

Presentations should fit in to one of the following tracks: Doing Business with Public Agencies, Strategies for Executing Projects, Environmental Stewardship, and Trends in the Engineering and Construction Industry.

All ideas for education sessions must emphasize practical experience in actual project or program settings, and incorporate the agency's perspectives and interests, including participation of an owner agency representative in presenting the session. When submitting your education session idea, please include a detailed list of five bulleted elements and contact information for at least three panel members. Email your idea to sparoline@rwbeck.com.

SDRC CMAA is co-sponsoring a networking reception immediately following the Regional Forum proceedings. Please mark your calendars for October 21, 2010.

Project Spotlight: Broadway Pier Cruise Ship Terminal (Continued from pg 4)

Features (cont.)

- ◆ Both the elevator and escalator pits were cut through the pier deck and are framed with hot dipped galvanized steel plates and shapes to resist corrosion. The exterior steel plate joints are continuously welded to seal out water arising from stormy conditions at high tide. The exteriors of the pits will be further protected with a bituminous coating.
- ◆ Most of the building will be naturally ventilated with louvers on the north, south and west elevations and on the east facing surfaces of the sawtooth roof. For those spaces that will not receive conditioned air, ventilation will be supplemented with ceiling fans up to 20 feet in diameter.
- ◆ The Port's goal is to receive LEED Silver certification with credits from photovoltaic panels, recycling of concrete and reinforcing steel materials from demolition of the existing Embarkation Platform, natural ventilation, light colored roofing materials, and other sustainable features.

Challenges

- ◆ The passenger boarding bridge (PBB) is being procured based on performance specifications that require it to adjust horizontally and vertically to match each ship's main entrance location and then to adjust to changes in tidal elevations. The PBB is being designed and fabricated in Barcelona, Spain, with the challenge of scheduling conference calls crossing 9 time zones. FTP sites were used to transmit and return large file submittals. TEAM, the manufacturer of the PBB, was required to translate all work into English. Finally, the PBB needed to be designed to resist wind and seismic loads with the assistance of a California-licensed civil engineer, further challenging the design and approval process.
- ◆ The time available to construct the new pile caps and install the new lead-rubber bearings was limited by the tides, forcing work to occur during the day, at night and during graveyard shifts. The marine engineering crews worked off small floats to remove debris, provide materials and transport the 800-pound lead-rubber bearings to the new pile caps.



Annual Awards Banquet Award Recipients

Banquet Honoree

Mark Watton
General Manager
Otay Water District

2010 Chapter Awards

Member Firms of the Year - Jacobs & URS
Client of the Year - SANDAG
Friend of the Industry - McGraw-Hill Construction

Distinguished Owner Honorees

Ramin Abidi, P.E., - County of San Diego
Laurie Berman - CALTRANS, District 11
Patti Boekamp - City of San Diego
Gary J. Bosse - Centre City Development Corporation
Charlene K. Dennis, P.E., - Port of San Diego
Iraj Ghaemi, P.E., - San Diego County Regional Airport Authority
SDUSD Facilities Planning & Construction
Michael Stift, P.E., - San Diego County Water Authority

2010 Scholarship Winners

Devin Ulibarri (\$3,000)
Wendy Bohn & Elias Espino (\$2,750)
Matthew Fiske & Yusef Masjedi (\$2,000)
Gilberto Angel, David Kuhle & Ana Pestana (\$1,500)

2010 Project Achievement Awards

Project of the Year

UCSD North Campus Housing
CM Firm: Turner Construction Co.

Program Management - Buildings

Sweetwater Union High School District - Prop O
CM Firm: Gilbane / SGI

Transportation - Less than \$7.5 Million

County of San Diego, DPW - Viejas Boulevard Bridge
CM Firm: Simon Wong Engineering

Public Works - Less than \$2.5 Million

Otay Water District - 1296-3 Reservoir
CM Firm: Valley CM

Public Works - Greater than \$15 Million

City of El Centro Water Treatment Plant Expansion
CM Firm: Valley CM

Buildings - New Construction - Less than \$10 Million

County of San Diego - San Elijo Lagoon Nature Center
CM Firm: ARCADIS

Honorable Mention: Buildings - New Construction - Less than \$10M

Leucadia Wastewater District Site Improvements
CM Firm: DUDEK

Buildings - New Construction - Less than \$25 Million

Ronald McDonald House, San Diego
CM Firm: Barnhart Balfour Beatty

Honorable Mention: Buildings - New Construction - Less than \$25M

Francis Parker School - Phase 6
CM Firm: Rudolph & Sletten / HR Weatherford

Buildings - New Construction - Greater than \$25 Million

Mesa College Allied Health Building
CM Firm: McCarthy Construction Co.

Honorable Mention: Buildings - New Construction - Greater than \$25M

County of San Diego Medical Examiner & Forensic Center
CM Firm: County of San Diego DGS / PMA

Buildings - Renovation - Greater than \$10 Million

Del Mar Horse Arena Alterations
CM Firm: Turner Construction Co.

Thank You Sponsors

ARCADIS	Otay Water District
Barnhart Balfour Beatty	Parsons
Harris & Associates	PBS&J
HNTB	Project Management
JACOBS	Advisors
Kitchell	RBF Consulting
Natgun Corporation	RW Beck
National University	SDCRAA
Ninyo & Moore	SGI CM

Scholarship Winners



From left to right: Yusef Masjedi, Wendy Bohn, Membership Committee Director Todd Niemann, David Kuhle, Gilberto Angel, Matthew Fiske, Elias Espino, Devin Ulibarri, Student Outreach Committee Director Ashley Brigmon, Student Outreach Committee Member Momo Savovic, Catarina Pestana



Calendar of Events

Friday, August 6

Lean Construction - What is Lean Construction & How Can CMs Go Lean?

Time: 8:00 - 11:00 am

Location:

Mission Valley Marriott
8757 Rio San Diego Drive
San Diego, CA

Directions: (619) 692 - 3800

Parking: \$5 per car

Thursday, September 23

Differing Site Conditions - Proving, Pricing & Defending Claims

Time: 8:00 - 10:30 am

Location:

8757 Rio San Diego Drive
San Diego, CA

Directions: (619) 692 - 3800

Parking: \$5 per car

Thursday, September 30

San Diego Unified School District

Time: 5:30 - 8:30 pm

Location:

Mission Valley Marriott
8757 Rio San Diego Drive
San Diego, CA

Directions: (619) 692 - 3800

Parking: \$5 per car

Sunday, October 3

CMAA National Conference

Dates: October 3 - 5, 2010

Location:

Manchester Grand Hyatt
San Diego, CA

Thursday, October 7

Prevailing Wage Law - Compliance and Critical Updates

Time: 8:00 - 10:30 am

Location:

Mission Valley Marriott
8757 Rio San Diego Drive
San Diego, CA

Directions: (619) 692 - 3800

Parking: \$5 per car

Thursday, October 7

City of San Diego - \$1 Billion Capital Improvement Program Portfolio

Time: 5:30 - 8:30 pm

Location:

Mission Valley Marriott
8757 Rio San Diego Drive
San Diego, CA

Directions: (619) 692 - 3800

Parking: \$5 per car

Details and registration at www.cmaa-sd.org

2010 Board of Directors



From Left to Right: Jeff Moody (PBS&J), Joe Smith (T.Y. Lin International), Miles Phippen (Vanir CM), Todd Niemann (TWNiemann), Paul Mochel (Valley CM), Rod Posada (Otay Water District), Dan Fauchier (Project Re-Alignment), Ashley Brigmon (Nova Engineering), Shawn Paroline (R.W. Beck), Rod Bleakley (Simon Wong Engineering), Wayne Papac (RBF Consulting), Misha Troyan (EPC Consultants). Not pictured: Mike Kenny (SDCWA), Lee Warnock (Hatch Mott MacDonald), Mark Budwig (McKenna Long & Aldridge).

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