INVESTING IN INFRASTRUCTURE

Freedom of Association(s)  ...Page 6

State & Local Propositions Aplenty On November 8th  ...Page 10

Infrastructure Round Up  ...Page 32
Bergelectric

- Innovative Practices
- Advanced Technology
- Lean Construction
- Preconstruction
- BIM Modeling
- Prefabrication
- Design Build
- Integrated Services
- Technology Systems

Celebrating 70 Years
Est. 1946

Los Angeles
San Diego
Austin
Portland
Denver
Orange County
Sacramento
Las Vegas
Phoenix
Seattle
Orlando
Ventura

650 Upper Street • Escondido, CA 92029 • (760) 746-1003 • Lic.# C10-85046 • www.bergelectric.com
Twitter: @Bergelectric Facebook: facebook.com/bergelectric.corp LinkedIn: linkedin.com/company/62227
THIS WAS THE CHALLENGE

Excavate & shore over existing storm drain adjacent to train tracks, prior to demo for a larger storm drain. Handle rail road surcharge load and accommodate greater water flow in the new trench.

THIS WAS OUR SOLUTION

Trench Shoring Company’s SBH™ Slide Rail Shoring system met the multiple challenges of shoring a 650’ long trench at 14’ deep by 16’ wide. As an added degree of difficulty, the trench had a starting distance of over 41’ from the center of the adjacent railroad track, reducing down to 21’6” away from the track. Our patented shoring system also supported all surcharge loads from trains, soil and all construction equipment required for this portion of the project. Result? Use of our equipment vs the traditional beam and plate of solid sheet shoring saved the general contractor money and kept the project on schedule.

Trench Shoring Company will be there for your challenge too!

© 2016 Trench Shoring Company

We offer same day service from our 10 locations to Southern California, Bakersfield, Fresno, the CA Central Coast and the Las Vegas, Nevada areas.

San Diego
858-530-2500
TrenchShoring.com
SPRECCO'S FIRST TAKE
Freedom of Association(s)

GOVERNMENT RELATIONS
State & Local Propositions Aplenty On November 8th!

APPRENTICESHIP
What is the Definition of Infrastructure?

TECHNOLOGY
How Cloud-Based Technology & Mobile Apps Are Reshaping Infrastructure Development

ENGINEERING FOCUS
Infrastructure Round Up

EVENT PHOTOS
22 & 28

More Inside
14 Upcoming Events
24 Education
30 Build & Serve
36 Safety
This Fourth of July, instead of just eating until discomfort, I dusted off some political science knowledge remembering what the revolutionaries were fighting for - Freedom.

The word "Freedom" gets misused in modern times (a lot of people confuse it with "free"), but the founding fathers were radicals in their day in adopting a form of Government that protects "natural rights" - those not given to us by a king or a Government, but rights we are born with that can't be taken away. There was actually a great debate over whether to include a "Bill of Rights" in the Constitution, since later generations might think that the rights listed are being given by Government, and as everyone knows, what Government gives, it can take away!

The "list the rights" faction won out, but didn't include everything, and some predictable confusion has been the result. It took several court cases to prove that "Freedom of Association" was one natural right that falls under the first amendment protecting free speech and the fourteenth amendment protecting due process.

Why does any of this matter, other than finally proving to my parents that a Political Science Minor was worthwhile? Hint, it's right in the name...

Yes, the "A" in AGC stands for "Associated."

I get asked a lot of qualifiers about the AGC:

"Do you represent Union Contractors or Non-Union Contractors?"

We represent contractors...

"Does the AGC support Republicans or Democrats?"

We represent contractors...

"Does the AGC take into account race/gender as a basis of membership?"

We represent contractors...

As you may have guessed, we represent contractors. AGC fights for a level playing field for all contractors, regardless of their individual affiliations and business models, while promoting Skill, Integrity, and Responsibility. This hill has been tougher to climb as governments increasingly impose requirements to choose contractors based on union status, race, gender, etc.

Those pushing for preferences should refer back to paragraph two "what Government gives, Government can take away." As political winds change, those asking for a carve out, could get carved out!

For example, to combat Union-Only Project Labor Agreements both functionally and symbolically, some have suggested a local City adopt a Merit-Shop only Project Labor Agreement. I will let the reader consider the merits of fighting discrimination with discrimination...

Meanwhile, we will be representing contractors.
WE RENT EQUIPMENT!

Heavy Duty to Light Duty, Get It All Here!

Count on Hawthorne Rentals for all your construction equipment needs. Everything from light towers to heavy equipment, Hawthorne Rentals has the right machine to meet your demanding jobsite requirements.
HELIX ELECTRIC
CONSTRUCTORS • ENGINEERS

DESIGN-BUILD  BUILDING INFORMATION MODELING  ENGINEERING  PREFABRICATION
INSTALLATION  RENEWABLE ENERGY  GREEN BUILDING  PROJECT MANAGEMENT

6795 Flanders Drive | San Diego, CA 92121 | 858.535.0505 | HELIXELECTRIC.COM
Experience MATTERS...

40+ Years Serving the Construction & Engineering Industry
Unparalleled Experience, 1200+ Construction Clients
Accounting, Tax, Assurance Services & Consulting

GALLINA LLP | solutions@gallina.com | 800.350.6774 | www.gallina.com
Proudly Serving You From Offices Throughout the Western United States
On Election Day last month, voters in most local jurisdictions may have been surprised to see a limited number of initiatives/propositions on their ballot. Other than in the City of San Diego, where there were ten measures on the ballot, most jurisdictions had only one measure (State Proposition 50). Don’t count on that November 8th, as it is expected to be a very crowded ballot. Let’s take a look…

State Propositions on the November 8th Ballot

• Proposition 51 - $9 billion school bond for K-12 and community colleges

• Proposition 52 - Increases legislative vote requirement to two-thirds for hospital fee increases related to Medi-Cal health care services

• Proposition 53 - Requires state revenue bonds over $2 billion be approved by voters

• Proposition 54 - Requires Legislature to post text of bills online 72 hours before vote, and requires posted online video of all legislative proceedings

• Proposition 55 - Extends for 12 years the income tax on individuals with income over $250,000 to fund education, and healthcare

• Proposition 56 - Increases cigarette tax $2/pack to fund healthcare, tobacco use prevention, and research

• Proposition 57 - Expands consideration for parole, and eliminates existing law that can send a juvenile offender immediately to an adult court hearing.

• Proposition 58 - Repeals portions of the ban on bilingual education, and allows county offices of education and school districts to make the final decision

• Proposition 59 - Advisory vote to ask California’s elected officials to use their constitutional authority to overturn “Citizen’s United,” a Supreme Court case which allows unlimited independent expenditures for political campaigns

• Proposition 60 - Tightens regulations on adult film production

• Proposition 61 - Limits the prices paid by state agencies for prescription drugs

• Proposition 62 - Repeals the death penalty

• Proposition 63 - Puts restrictions on gun and ammunition sales and possession

• Proposition 64 - Marijuana legalization and regulation

• Proposition 65 - Diverts profits from plastic bag sales away from grocers and into an environmental fund

• Proposition 66 - Speeds up the death penalty process by putting the California Supreme Court in charge of expedited appeals (if both Proposition 62 and 66 pass, the one with most votes becomes law)

• Proposition 67 - Referendum to overturn statewide ban on plastic bags

This list doesn’t include measures that could be added to the ballot by the State Legislature.
Now, let's turn our attention to the local ballot, where again, we are likely to see a number of measures. Take a look…

- County-wide ½ cent sales tax for 40 years for transportation infrastructure improvements (will generate $18 billion) – AGC has endorsed this measure

- Chula Vista ½ cent sales tax for 10 years for general infrastructure improvements

- Downtown Chargers Stadium

- “Citizens’ Initiative,” authorizing an off-waterfront Convention Center expansion, and a sports stadium in Mission Valley, or within a defined downtown location

- City of San Diego tax on businesses that plan to sell recreational marijuana, if state measure passes

- Restoration of guaranteed run-off elections in City of San Diego

- Various changes to San Diego City Charter

- Mira Costa College $455 million school construction bond

This list doesn’t include the numerous school districts considering bond measures, as well as potential ballot measures from other public entities.

There you have it…what was a quiet June election on the ballot front, will now be a full-blown assault come November. Rest assured, AGC’s Government Relations Committee will review the construction industry-related measures and will make recommendations to AGC’s Board of Directors in the coming months.

If you are interested in becoming a member of the Government Relations Committee, which is responsible for developing AGC’s policy and legislative priorities, please contact Brad Barnum, Executive Vice President, at bbarnum@agcsd.org, or at (858) 731-8158.
Cable Pipe & Leak Detection
UNDERGROUND DETECTION SERVICES

Our qualified, well-trained technicians use the latest in state-of-the-art detection equipment to quickly locate everything and anything underground—from leaks to utilities!

CCTV Inspection Services
Utility MarkOuts
GPR & Concrete Scanning

Call (619) 873-1530
Or Toll Free: (800) 450-LEAK (5325)
Riverside County (951) 302-5057

---

Trench Plates • Slide Rail • Hydraulic Shores

Trebor Shoring Rentals
Serving San Diego since 1958

www.tsrca.com

- Full Equipment and Product Line Photos
- Innovative Shoring Solutions
- Slide Rail Demonstration Video

15303 Olde Highway 80
El Cajon CA 92021
(800) 321-5285

---

Trench Boxes • Bedding Boxes

Casper Company
A tradition of Integrity and Service for Over 30 Years

3825 Bancroft Dr
Spring Valley, CA 91977
P. 619.589.6001 F. 619.589.7158
Lic. 478960

- Core Drilling
- Concrete Cutting
- Environmental
- Demolition

www.caspercompany.com

---

ABC
Green Conscious
Demolition

SAN DIEGO CHAPTER
GET NOTICED
Make us apart of your marketing strategy

The Voice of the Construction Industry
With 3 different magazines, Contractor News covers all local construction related stories and news. Advertising with us is a great way to brand your business, and get your company seen by a wide variety of construction industry professionals. Call today to see how we can help!

CNV: A Monthly Magazine that covers all things construction. From local projects, to advice on legal matters, CNV has it all!

AGC Constructor: A bi-monthly Magazine that covers AGC news, events, and information crucial to AGC San Diego members.

NECA Magazine: A quarterly magazine providing its members an in-depth look at the energy that powers San Diego.

Our Readers
Licensed Contractors
Subcontractors
Supply Warehouses
Equipment Stores
Developers
Associations
Job Sites
Plan Rooms
Government Officials
Local Agencies
Training Centers

(760) 466-7790
info@contractor-news.com
www.contractor-news.com
UPCOMING EVENTS

JULY 26
AGC Summer Car Show
@ AGC San Diego
San Diego, CA

AUG 8
Affiliate Golf Tournament
@ Sycuan Golf Resort
El Cajon, CA

SEPT 3
Aztec Tailgate & Skyshow
@ Qualcomm Stadium
San Diego, CA

SEPT 10
9/11 Memorial Stair Climb
@ Downtown
San Diego, CA
More info at agcsd.org

**SEPT 17**
@ SportsPlex USA
Santee, CA

**OCT 1**
@ Marine Recruit Depot
San Diego, CA

**OCT 3**
@ Country Club of Rancho Bernardo
San Diego, CA

**OCT 12**
@ Marriott Marquis
San Diego, CA

---

AGCS.D.ORG 15
RDO Equipment Co. provides the John Deere, Topcon, and Vermeer equipment that you need to set yourself apart from your competition. Ask us about RDO Rents!

Call or visit your local RDO Equipment Co. store for more details!

**OUR RENTAL FLEET:**
- Has an average age of less than 19 months
- Includes over 800 machines
- Has the largest Topcon rental fleet in the West

**RENTAL BENEFITS:**
- Maximizes uptime
- Eliminate maintenance costs
- We offer rent to own options
- Topcon technology provides increased productivity, fuel efficiency, and emissions reductions

**Rental Hotline:**
800-886-3758

**ARIZONA**
Flagstaff 928-526-0639  Prescott 928-776-6300  Yuma 928-341-7100
Phoenix 602-415-4700  Tucson 520-294-5262

**CALIFORNIA**
Riverside 951-778-3700  Fowler 559-8345086  Imperial 760-355-7800  Anaheim 888-527-3793  Sacramento 916-643-0999
Continuous local growth requires non-stop local expertise.

Our reputation for complex, technology-intensive projects goes back over four decades. As the go-to electrical contractor for San Diego, Imperial and Riverside counties, we’ve been keeping pace with the area’s consistent growth longer than most contractors have been in business—our growth in commercial/manufacturing construction in 2014 alone reflects that.

We know construction. And we’re eager to put that real-world expertise to work on your next project.

EMAIL
info@dyna-sd.com

VISIT
www.dyna-sd.com

CALL
858.712.4700

Dynalectric
San Diego
An EMCOR Company
What Is The Definition Of Infrastructure?

By Pete Saucedo, Executive Director - AGC Apprenticeship

The theme of this magazine’s edition is infrastructure. Webster’s defines the word as: “the basic equipment and structures (such as roads and bridges) that are needed for a country, region, or organization to function properly.” When focusing on your organization, what is your definition of infrastructure? Is it your employees?

You’ve heard the age-old adage that a company’s most valuable asset is its employees. Are employees your organization’s most valuable asset? If no, then what is? If yes, then does your company treat your employees as such?

Employee Engagement

If you look at the reality of what's happening in the workplace today, Gallup, which has tracked employee engagement for decades, reports that less than 33% of employees are engaged at work, more than 50% are not engaged in their jobs, and nearly 20% of employees are actively disengaged.

In another report, nearly 60% of managers, leaders, and executives say they fail to train and develop their people.

These findings are far from optimal with employees feeling valued, all in the boat rowing in the same direction, and vigorously competing to secure the company’s future.

Jack Welch, former CEO of General Electric stated in one of his many articles, “Any company trying to compete with competitors should figure out a way to engage the mind of every employee.”

The only thing worse than training your employees and having them leave, is not training your them and having them stay.

—Henry Ford, Founder of Ford Motor Company

The way your employees feel is the way your customers will feel. And if your employees don’t feel valued, neither will your customers.

—Stershic, A Guide to Employee-Customer Care
AGC Can Help You Invest in Your Employees

- Chapter Education Courses/Programs

The AGC San Diego operates one of the nation’s most robust educational programs for managers, office staff, and executives. The array of courses is vast, from advanced computer classes such as Excel, to BIM and CQM certification, to project management and leadership programs.

- Journeyman Education Program

In July 2014, AGC Apprenticeship announced a new journeyman upgrade program for skilled workers. The program is offered to apprenticeship member contractors, and there are no tuition costs for journeyman to participate. There are a wide variety of courses, from foreman and superintendent training courses, to safety courses such as fall protection, EM-385, and OSHA 10 and 30 hour courses. Our position is that a trained and educated workforce will perform better than a non-educated workforce.

- Formal Apprenticeship Training

For those contractors who self-perform their own work, training your field employees is equally as important as training your office staff and management. Our state and federally approved apprenticeship program has been in existence for 28 years, with apprenticeship training programs in seven different trades.

While training has been proven to benefit contractors in educating their future workforce, reducing their labor costs, and helping them remain in compliance with labor laws, many contractors stubbornly refuse to train and are not afforded the obvious benefits their competitors enjoy.


Contact us today for more information at (858) 558-0739 or www.agcsdatt.org.

“Always treat your employees exactly as you want them to treat your best customers.”
—Stephen R. Covey

“Train people well enough so they can leave. Treat them well enough so they don’t want to.”
—Sir Richard Branson, founder of Virgin Group

Another important reason to engage in apprenticeship training is existing and expanding “skilled workforce” laws. In a nutshell, within a 3½ year period, 60% of a contractor’s entire journeyman workforce must have graduated from an approved apprenticeship program such as the AGC’s. Failure to comply with these requirements will preclude a contractor from performing work on certain types of jobs such as design-build, lease-leaseback, and best value. We anticipate that skilled workforce requirements may spread to all public works projects in the future.

The long-term solution to skilled workforce requirements is to embrace apprenticeship, train workers your company’s way, have them receive a formal construction education, and graduate workers from our program. Not only will you have built your graduate workforce for compliance purposes, you will have also engaged and invested in your field staff, which has proven benefits as illustrated in this article.

It’s time for construction companies to recognize their people are their most valuable asset in securing success in the future. Just imagine what your company could accomplish with everyone moving in the same direction. Employees who feel valued gladly will compete in the race, overtake the competition, and cross the finish line first!
Built on Experience

Since 1971, Ayala Boring has served the tunneling, boring and pipe jacking needs of an industry that demands precision and quality. Our experience is your assurance exacting standards are met in every phase of every project.

From engineering and design, through fabrication and construction, you can rely on Ayala Boring’s commitment to quality and reputation for excellence.

909/350-8940  Fax 909/350-0936  ■  10150 Poplar Avenue, Fontana, CA 92335


Certified MBE; City of Los Angeles, County of Los Angeles, Union Pacific Railroad, W/MBE Clearinghouse, City of Carlsbad, County of Kern, and San Diego Gas & Electric
Included in AGC San Diego Membership!

Not an AGC Member?
Ask about a Free Trial!

Questions or Need Access?
AGC Plan Room
(858) 558-7444
PLANROOM@AGCSD.ORG
2017 Construction Project Management Certificate Course and Scholarship Opportunities

By Becca Schaffer, AGC Education & Safety Marketing Manager

This 26-week Project Management certificate program, spanning over a year, is “quarterbacked” by Paul Stout of Power Summit Inc. Paul provides educational programs and facilitation services to construction professionals, and is one of AGC’s go-to educators. During this Project Management program, Paul teams with experienced and successful project managers and project executives to better equip the students with the essential skills they must develop to become outstanding construction project managers. The skills developed in the Project Management Program apply to large and small projects, product design and development efforts, construction projects, and any project with critical performance, timeline, and budget targets.

- The course is realistic, providing real life project scenarios
- Each session is presented by industry professionals
- Each session is highly focused and promotes maximum interaction
- Networking with other project management professionals
- Plenty of hands on exercises and requires no homework
- The program is sensitive to the natural sequence of typical construction projects
- The program concentrates on common industry challenges

We hear from employers of the AGC San Diego Project Management program graduates on a regular basis. They’re unanimous in their praise for the program, and the difference it makes in the productivity and performance of each graduate.

Our own CEO, Eddie Sprecco, recently participated in the 26-week course, and had this to say, “I saw firsthand how the format drives career development. Not only were students interacting with the instructor and guest lecturers, but they learned quite a bit from each other. In different exercises, students were involved in face-to-face negotiations, partnering meetings, and everyone’s favorite, giving a solo presentation before the class.”
One interesting aspect of the course is the infamous GC/Sub debate, where students are asked the burning questions of their counterparts across the construction industry - this has quickly become a participant favorite.

At the end of the certificate program, it’s clear the knowledge, leadership skills, and relationships gained will be an asset to each company who had their up and comers participate.

**Scholarship Opportunities!**
Annually, AGC in conjunction with EGCA Foundation, Inc., provide five full scholarships for this Construction Project Management Certificate course. The applicant does need to be a past EGCA or current AGC member to apply.

With only 30 spots available, act now to get your top talent registered!

Questions regarding this course and scholarship opportunities should be directed to Becca Schaffer at bschaffer@agcsd.org or (858) 558-7444 ext. 101.
A Look at How Cloud-Based Technology & Mobile Apps are Reshaping Infrastructure Development

By Tyler Riddell, Director of Marketing, eSUB Construction Software

The ability to take advantage of technology to communicate and collaborate while in the field is essential for keeping large infrastructure projects on time and within budget. How about beating your schedule and increasing your profit margin through gained process efficiencies?

Construction professionals have traditionally been slow to adopt new technologies that can improve communications and streamline document sharing and project management tasks. Instead, they’ve relied on hard-copy documentation, slow virtual private networks (VPNs), fax machines, text messages, and email chains to access and share information. As more mobile devices enter the job site, forward-thinking contractors developing infrastructure projects are finding that they no longer have to waste valuable time running from the site to the office to the trailer to repeatedly resolve issues. What’s more profound, they’ve found that sharing critical project information with team members can be done in real time via mobile devices and well-chosen cloud-based software and applications.

CLOUD-BASED CONSTRUCTION MANAGEMENT SOFTWARE

Cloud computing is fast becoming a critical component of enterprise software that enable project teams to collaborate with ease while in the field. Cloud-based software allows users to access information immediately and share the most current data (e.g., documents, spreadsheets, and requests for information (RFIs), plans drawings and photos. There’s no longer the need to store the software on a computer hard drive or run an in-house file server back at the office. And because the data resides in the cloud, and not on a hard disk, employees don’t need to be in front of a desktop computer to access it, which also makes the data more secure.

For project team members, the ability to stay connected to all stakeholders and each other while on a job site shaves minutes and hours from the work schedule. And by not having to chase down contracts, insurance documents, RFIs, change orders and the most current project plans, employees can keep the project moving forward while working in the field.

MOBILE CONSTRUCTION APPS

Native applications allow access to vital information stored in the software platform on any mobile device. With a tap of a finger, employees can easily access and share data from anywhere, at any time. Most importantly, apps are optimized for viewing information on the small screens of mobile devices, and work with the device’s built-in features. In essence, they make the experience fast, easy and convenient.

Certain apps also allow employees to work offline, and automatically sync updates when back online. This scenario is ideal for construction professionals who find themselves on remote job sites without access to an Internet connection.

COMPUTER TABLETS

Tablets are portable, lighter than laptop computers, and most are equipped with WiFi, GPS, cameras and microphones. Contractors are discovering that they no longer need to keep a box of files in their trucks or carry around an armload of plans. Instead, they can just tap the screen of their tablets to review, mark up and share project information.

As with smartphones, today’s tablet computers have more computing power than their predecessors, and many manufacturers offer more rugged versions—and protective cases—for contractors, so they can go to a job site without fear of damaging the devices.
TAKE CONTROL OF YOUR INFRASTRUCTURE PROJECTS

Today, cloud-based project management systems can be easily integrated with estimating (kick-off) and accounting software to creating a single platform for running your construction projects and virtually eliminate human error. Construction firms are seeing quantifiable returns on investment (ROI) across many levels of the organization, and with every project. From reducing risks and costs to realizing productivity gains, major synergies are being realized by all stakeholders.
Spring Golf Tournament
May 20, 2016
At Maderas Golf Club
AGC Members Invest in the Community

By Marcy Knopman, AGC Staff Liaison for the Build & Serve Charitable Alliance

ABOUT

The Build & Serve Charitable Alliance selects charitable projects and programs throughout San Diego County to provide AGC and its members an opportunity to give back to the community. Since its inception in 2009, AGC has provided an outlet for members to help “BUILD” and “SERVE” our San Diego community, and as a result…together…we have made a positive impact and significant contributions along the way.

WE MAKE AN IMPACT

For its third consecutive year, AGC will be providing 300 backpacks, along with grade appropriate school supplies, for all students K-12 who attend Monarch School; a school whose students are impacted by homelessness.

AGC members can donate $25 per backpack to help support this effort. AGC’s goal is to raise $7500 in order to provide a fully stocked backpack for all 300 students. AGC continues to support Monarch School with a strong belief that each child should start the new school year with school supplies and a backpack, setting them up for success right from the start!

WE SHARE EXPERTISE

AGC relies heavily on our contractor members to provide their knowledge, know-how, and expertise in building construction related projects.

One such project in which we called upon our members included: Mountain Shadows, Escondido, CA- A new patio was constructed for the facility whose residents are intellectually and physically disabled adults. The residents needed a place to spend time outdoors, celebrate birthdays, barbeque, and visit with their families.

Associated General Contractors Volunteer Team Builds Brighter Future for Olive House Residents

"We are grateful for the generosity of all those who helped bring this project to fruition," says Wade Wilde, Executive Director/CFO, Mountain Shadows Support Group. "I was so impressed by the involvement and coordination of all the different trades and with how much each one took such great pride in the quality of their workmanship."
WE SUPPORT OUR HEROES

The San Diego 9-11 Memorial Stair Climb
September 10, 2016 @ San Diego Hilton Bayfront
We support…OUR FIREFIGHTERS/FIRST RESPONDERS
AGC will climb in memory to honor each of the fallen heroes, and to raise awareness of the sacrifices made by firefighters everywhere. Proceeds go to the Firefighters Aid. This year marks the 15th anniversary of the events of September 11, 2001.

MCRD BOOTCAMP CHALLENGE
October 1, 2016 @ MCRD base – Point Loma
We support…OUR MARINES
TEAM AGC will support our Marines by participating in the annual MCRD Bootcamp Challenge. Proceeds go to support the Marine Corps Community Service. “WE BUILD WHAT THEY PROTECT”
The Engineering and General Contractors Council (EGCC) is comprised of members from General Engineering Contractor AGC firms. The Council meets several times per year and presents the Board with policy recommendations, and the AGC Committees with program recommendations that meet the specific needs of the General Engineering Contractor Members.

INFRASTRUCTURE ROUND UP

It’s that time of the year – budget season! Over the past few weeks, state and local agencies have been finalizing their funding priorities, and a great focus has been placed on infrastructure investment. Below is a brief roundup of the larger agencies’ 2017 budgets.

<table>
<thead>
<tr>
<th>COUNTY OF SAN DIEGO CONSTRUCTION PROGRAMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPARTMENT</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>Public Works</td>
</tr>
<tr>
<td>General Services</td>
</tr>
<tr>
<td>Parks and Recreation</td>
</tr>
</tbody>
</table>

(1) Projections are not available, however the anticipated program volume is slightly less than Fy 16/17
(2) Capital development funding for FY17/18 are subject to future Board deliberations. Potential Program may be similar to FY 15/16.
FULL SERVICE UTILITY LOCATING AND POTHOLING

TRENCH CLEANING - MUD REMOVAL - VACUUMING

ULTRA ENGINEERING CONTRACTORS, INC. - 1.951.223.3552
City of San Diego:

<table>
<thead>
<tr>
<th>Asset-Managing Department</th>
<th>Prior Year</th>
<th>FY 2017 Proposed</th>
<th>Future Years</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airports</td>
<td>$20,678,322</td>
<td>$</td>
<td>$</td>
<td>$20,678,322</td>
</tr>
<tr>
<td>Environmental Services</td>
<td>37,578,188</td>
<td>2,020,000</td>
<td>1,230,000</td>
<td>40,828,188</td>
</tr>
<tr>
<td>Fire-Rescue</td>
<td>105,411,157</td>
<td>850,000</td>
<td>90,814,537</td>
<td>197,075,694</td>
</tr>
<tr>
<td>Library</td>
<td>229,294,353</td>
<td>155,605</td>
<td>82,637,250</td>
<td>312,087,208</td>
</tr>
<tr>
<td>Office of the Chief Operating Officer</td>
<td>1,000,000</td>
<td>$</td>
<td>$</td>
<td>1,000,000</td>
</tr>
<tr>
<td>Park &amp; Recreation</td>
<td>257,084,232</td>
<td>13,344,096</td>
<td>265,488,675</td>
<td>535,917,003</td>
</tr>
<tr>
<td>Police</td>
<td>14,473,359</td>
<td>$</td>
<td>8,749,593</td>
<td>23,222,952</td>
</tr>
<tr>
<td>Public Utilities</td>
<td>994,914,631</td>
<td>325,941,376</td>
<td>1,922,333,181</td>
<td>3,243,189,188</td>
</tr>
<tr>
<td>Public Works – General Services</td>
<td>63,423,468</td>
<td>1,009,600</td>
<td>264,627,000</td>
<td>329,060,068</td>
</tr>
<tr>
<td>QUALCOMMD Stadium</td>
<td>4,016,720</td>
<td>$</td>
<td>3,000,000</td>
<td>7,016,720</td>
</tr>
<tr>
<td>Special Promotional Programs</td>
<td>3,232,728</td>
<td>$</td>
<td>533,497,313</td>
<td>536,730,041</td>
</tr>
<tr>
<td>Transportation &amp; Storm Water</td>
<td>815,785,236</td>
<td>29,405,491</td>
<td>1,297,025,230</td>
<td>2,142,215,957</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$2,546,892,394</strong></td>
<td><strong>$372,726,168</strong></td>
<td><strong>$4,469,402,779</strong></td>
<td><strong>$7,389,021,341</strong></td>
</tr>
</tbody>
</table>

* The City of San Diego has a 5 year rolling CIP budget. The $372 million figure represents funds added to the 2017 Fiscal Year, though actual project spending will likely be $600+ million.

Figure 1: Fiscal Year 2017 Proposed Budget by Project Type
(Dollar values in thousands)

<table>
<thead>
<tr>
<th>Code</th>
<th>Program</th>
<th>Actual 2014-15</th>
<th>Estimated 2015-16</th>
<th>Enacted 2016-17</th>
</tr>
</thead>
<tbody>
<tr>
<td>1830019</td>
<td>Aeronautics</td>
<td>$3,660</td>
<td>$7,531</td>
<td>$7,524</td>
</tr>
<tr>
<td>1835010</td>
<td>Capital Outlay Support</td>
<td>1,847,386</td>
<td>1,969,219</td>
<td>1,772,543</td>
</tr>
<tr>
<td>1835019</td>
<td>Capital Outlay Projects</td>
<td>3,098,409</td>
<td>4,034,866</td>
<td>2,881,169</td>
</tr>
<tr>
<td>1835020</td>
<td>Local Assistance</td>
<td>1,541,216</td>
<td>2,366,422</td>
<td>2,244,032</td>
</tr>
<tr>
<td>1835029</td>
<td>Program Development</td>
<td>52,446</td>
<td>79,596</td>
<td>81,349</td>
</tr>
<tr>
<td>1835038</td>
<td>Legal</td>
<td>111,918</td>
<td>131,668</td>
<td>128,029</td>
</tr>
<tr>
<td>1835047</td>
<td>Operations</td>
<td>264,284</td>
<td>283,172</td>
<td>258,347</td>
</tr>
<tr>
<td>1835056</td>
<td>Maintenance</td>
<td>1,426,265</td>
<td>1,566,986</td>
<td>1,567,599</td>
</tr>
<tr>
<td>1840019</td>
<td>State and Federal Mass Transit</td>
<td>186,862</td>
<td>178,624</td>
<td>151,538</td>
</tr>
<tr>
<td>1840028</td>
<td>InterCity Rail Passenger Program</td>
<td>301,219</td>
<td>445,614</td>
<td>394,491</td>
</tr>
<tr>
<td>1845013</td>
<td>Statewide Planning</td>
<td>125,244</td>
<td>142,611</td>
<td>139,857</td>
</tr>
<tr>
<td>1845022</td>
<td>Regional Planning</td>
<td>86,254</td>
<td>92,708</td>
<td>92,718</td>
</tr>
<tr>
<td>1850010</td>
<td>Equipment Service Program</td>
<td>35,675</td>
<td>190,776</td>
<td>190,963</td>
</tr>
<tr>
<td>1850019</td>
<td>Equipment Service Program - Distributed</td>
<td>-35,675</td>
<td>-190,776</td>
<td>-190,963</td>
</tr>
<tr>
<td>9900100</td>
<td>Administration</td>
<td>484,959</td>
<td>757,976</td>
<td>514,881</td>
</tr>
<tr>
<td>9900200</td>
<td>Administration - Distributed</td>
<td>-484,959</td>
<td>-757,976</td>
<td>-514,881</td>
</tr>
<tr>
<td>Total Expenditures (All Programs)</td>
<td>$9,045,163</td>
<td>$11,299,017</td>
<td>$9,719,196</td>
<td></td>
</tr>
</tbody>
</table>

*Much of Caltrans Budget deliberations were moved outside of the normal process and into a special summer session, therefore reducing funding for transportation in the Enacted Budget. AGC is engaged in a coalition effort to pass a $5 - $7 billion annual boost to transportation funding.

For more up to date information on upcoming work, become involved with AGC liaison committees by signing up at agcsd.org
The Four E’s of a Smart Safety Culture

By Vince Hundley, AGC Safety Director and owner/CEO of SMART Safety Group

What is the best way to reduce accidents in the workplace? According to the Occupational Safety and Health Administration (OSHA), developing a strong safety culture has the single greatest impact on accident reduction of any process.

What is a safety culture? In a strong safety culture, every employee feels responsible for safety. Employees are empowered to identify and correct safety issues as they arise. A “say it when you see it” philosophy is key to creating a safety culture. For instance, an apprentice would feel comfortable walking up to a foreman and reminding them to wear their safety glasses. This behavior is not only encouraged; it’s rewarded in a strong safety culture. How can a company instill a safety culture? They can adopt the four “E’s”, which are:

Establish safety as a core value,
Empower everyone,
Elevate safety advocates and eliminate opposition, and
Exhibit a commitment to safety in all actions.

Establish Safety as a Core Value

Top management “buy-in” is essential – top management needs to adopt safety as a core value to maintain equal footing with other core business interests, such as, production, quality and profitability. When management reviews safety performance, employees take it seriously.

Develop a Written Program and a System of Accountability so everyone understands their roles and plays by the same rules. Written programs should be realistic and usable, so make the written program brief and use direct language without any fluff. Keep the IIPP, MSDS and all the rules and regulations in one document.

Align the organization by having management and supervisors take a leadership position in communicating the safety and health goals and objectives with the rest of the company.

SMART Idea! Have a kick-off celebration to get everyone involved and excited about the new safety process.

Empower Everyone

Create a Communication Infrastructure: The success of your safety and health program is directly correlated with the frequency it is discussed at your company. Communicate safety on a regular basis – at weekly safety meetings, at monthly company meetings, at new hire orientations, and after incidents occur.
Provide Training: Provide safety and health training first to your core group of people so they get onboard with needed changes – these are your firm’s safety champions. Then broaden the training to the remaining employees. Training should cover the becoming company’s code of safe practices, policies, disciplinary action protocol, and the employee’s responsibilities. Follow-up is recommended to ensure that employees understand and have truly bought in to the safety and health program.

Elevate Safety Advocates and Eliminate Opposition

Define Roles and Responsibilities at all levels with the organization, and develop a standard reporting procedure. Safety and health must be viewed as everyone’s responsibility.

Develop Recognition and Incentive Policies rewarding employees for doing the right things and encouraging participation.

Exhibit a Commitment to Safety in All Actions

Continually Measure performance, communicate results, and celebrate successes in order to sustain efforts and keep everyone motivated. Jobsite audits should be unannounced and performed frequently like weekly or monthly.

Develop an Ongoing Measurement and Feedback System that encourages positive change instead of focusing solely on the bottom line. What gets measured...gets done. Some important things to track include accident rates, loss reserves, experience modification rate and employees completing essential paperwork.

SMART Idea! Regularly Celebrate Safety Success!

As insurance costs rise (and they will rise) you can separate yourself from your competition by reducing the number of employee injuries. The surest way to maximize this investment is by developing a smart safety culture, so that safety efforts remain in the organization long into the future.
It's Good Business to do Business with an AGC Member

Lesli Collins  
Woman Owned  
Cell [619] 520-2042  
lellins@ambobcat.com

Robert Davis  
Equipment Dispatch  
Cell [951] 970-2891  
roberta@ambobcat.com

Angus Asphalt Inc.  
General Contractor A, B, HAZ, C-8, C-12 License #523300  
Hazardous Licensed, OSHA 40 Hour Certified  
Turn-key Installation & Removals  
Fuel Facilities, Asphalt & Concrete

www.angusasphalt.com  
Fax (619) 562-1973  
P.O. Box 711539  
Santee, CA 92072-1539

ELMER MOOREHEAD  
Asphalt Sales Department Head  
emooorehead@angusasphalt.com  
(619) 562-8201

Building Your Quality of Life

Oldcastle Precast  
Delivering Reliability  
2735 Cactus Rd.  
San Diego, CA 92154

Direct (619) 240-8019 Cell (619) 922-8003  
Main (619) 240-8000 Fax (619) 661-1038  
bob.viltdall@oldcastle.com  
www.oldcastleprecast.com

Summit Erosion Control

858-679-2100 (ofc) • 858-679-2102 (fax)
12600 Stowe Dr., Ste 5, Poway, CA 92064
www.summiterosion.com
info@summiterosion.com
Lic. #841469  
“Exceptional Service-Always”

Certified Small Business  
SWPPP Insp. / Sample  
BMP Installation & Maint.  
Compost BMP’s  
Concrete Washout Bins  
Hydroseeding  
Street Sweeping  
Weed Abatement  
Material Delivered Anytime
Step into the Future

The AGC Apprenticeship Program is sponsored by the AGC - San Diego Chapter and serves all five counties of Southern California. The program is designed to meet the needs of open shop contractors who want to train apprentices on State of California public works projects, Federal and private construction projects throughout California.

Features of the program include:

- Approved by the State Division of Apprenticeship Standards and Federal Department of Labor
- Provides a combination of practical, in-the-field training and classroom instruction
- Program graduates are certified by the state of California, Federal Department of Labor, and the AGC of America
- Offering training in crafts such as: carpentry, cement masonry, drywall lathering and finishing, heavy equipment operating and painting.

“I joined the AGC Apprenticeship Program because it offered me a promise for the future and opportunity for both personal and career growth.”

— Marlon Roberts
Faris Construction

RIVERSIDE FACILITY
1180 Spring Street
Riverside, CA 92507
Call: 951-786-5893

ORANGE COUNTY FACILITY
920 N. Poliunseta
Santa Ana, CA 92701
(714) 479-0020

For more information, Go to www.agcsdatt.org or

Headquarters located at:
6212 Ferris Square
San Diego, CA 92121
Tel: 858-558-0739