



**STATEWIDE CONFERENCE**

JULY 26-28, 2023  
EL CONQUISTADOR TUCSON

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**#AZAPWACONFERENCE**

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# Welcome to the Conference

Thank you for choosing to attend the 2023 Arizona Chapter American Public Works Association (APWA) Statewide Conference. On behalf of the Conference Planning Committee and Arizona Chapter APWA Board of Directors, welcome back to the Hilton El Conquistador Tucson. We are extremely excited for you all to be at the conference this year, and we hope you enjoy the programming and networking time to connect with partners, friends, and industry leaders to discuss all matters of public works.

Special thanks to our 2023 Statewide Conference Planning Committee members. You truly are our greatest asset and we could not have accomplished a conference this large without your leadership and endless hours of dedication. Also, thank you attendees, speakers, sponsors, and exhibitors for bringing your expertise and support to the Arizona Chapter of APWA.

**Your Conference Co-Chairs,**

**Christy Sipos, CPSM, Civiltec Engineering, Inc.**

**Scott Kirchhofer, Achen-Gardner Construction**

**SAVE THE DATE FOR NEXT YEAR'S CONFERENCE  
JULY 31 TO AUGUST 2, 2024**

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# GENERAL INFORMATION / MAP

**OPENING RECEPTION:** Start your conference off and renew acquaintances by attending this reception on Wednesday from 5:00 to 7:00 p.m. in the Exhibit Hall/Turquoise Ballroom.

**EXHIBITORS & EXHIBITOR PRIZES:** Ample opportunity is available for visiting with representatives of public agencies, consultants, manufacturers, and suppliers in the Exhibit Hall/Turquoise Ballroom. All refreshment breaks and Thursday and Friday breakfasts will be in the Exhibit Hall. Exhibitors will be giving away their prizes on Friday from 8:15 a.m. to 9:00 a.m.

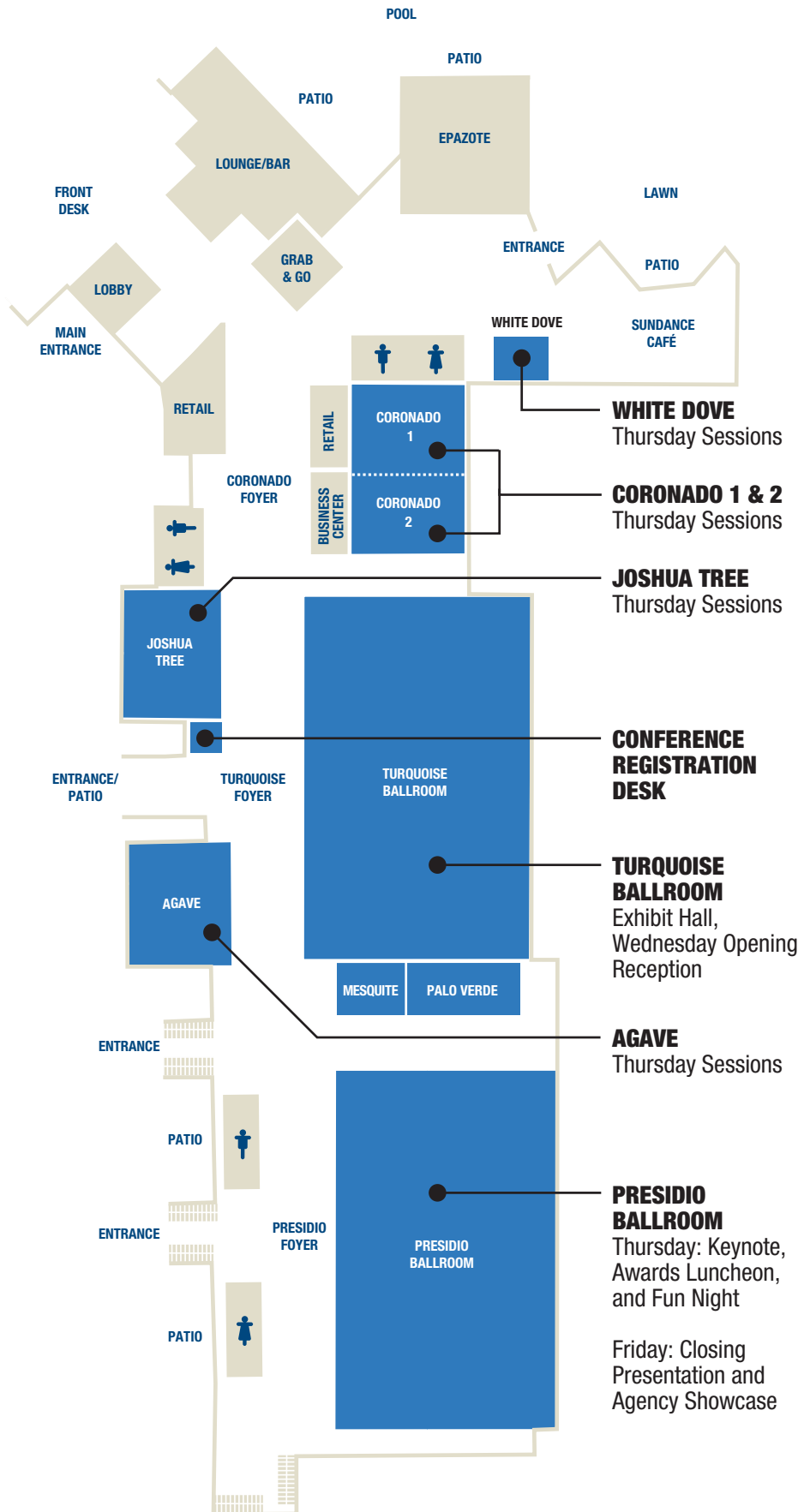
Get your game card stamps from exhibitors in the exhibit hall and drop it off at the registration desk by 9 a.m. on Friday. Winners will be announced in the Presidio Ballroom from 10:15 a.m. to 10:30 a.m. You do not need to be present to win.

**APWA AWARDS LUNCHEON:** Join the largest gathering of attendees at the conference on Thursday in the Presidio Ballroom to celebrate the Project of the Year Award winners and Professional Manager of the Year winner.

**FUN NIGHT:** The Thursday “Fun Night” is 5 p.m. to 7 p.m. and will be a western theme with activities like a roping demo and lariat lesson, line dancing, photo booth, and a cornhole tournament. Compete with other attendees and win prizes! Additional guest tickets are available at the registration desk.

**GRAND PRIZE DRAWING:** Attend the Friday keynote and you will receive a ticket for a chance to win one of several high-dollar grand prizes. You must be present to win.

**SURVEY:** Your feedback is critical to helping us meet your needs and improve future conferences. An online survey will be distributed after the conference. We appreciate your honest feedback.



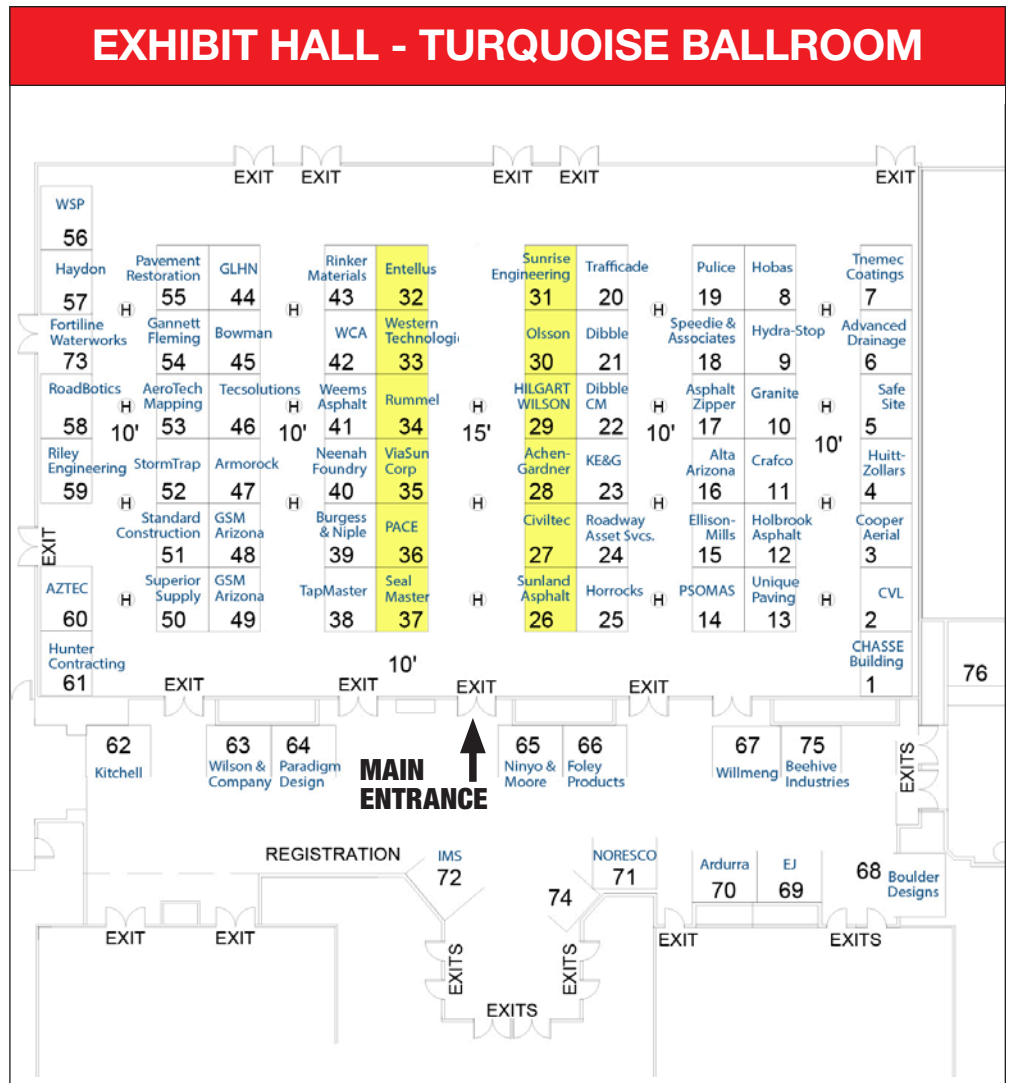
# CONFERENCE SCHEDULE

SEE PAGES 7-20 FOR MORE INFORMATION ABOUT EACH SESSION/EVENT

Time	WEDNESDAY, JULY 26, 2023 Exhibit Hall Hours 5:00 pm - 7:00 pm				
8:00 am - 12:00 pm	<b>The ABCs of the Value Methodology</b> - Agave (\$25 Separate Cost: Register at <a href="http://www.teamrha.com/abcs-registration">www.teamrha.com/abcs-registration</a> )				
1:00 pm - 5:00 pm	<b>A Deeper Dive into the Value Methodology</b> - Agave (\$25 Separate Cost: Register at <a href="http://www.teamrha.com/deeper-dive-registration">www.teamrha.com/deeper-dive-registration</a> )				
3:00 pm - 6:00 pm	<b>Registration Desk Open</b> - Turquoise Foyer				
5:00 pm - 7:00 pm	<b>Opening Reception</b> - Turquoise Foyer/Ballroom				
Time	THURSDAY, JULY 27, 2023 Exhibit Hall Hours 7:30 am - 5:00 pm				
7:30 am - 4:30 pm	<b>Registration Desk Open</b> - Turquoise Foyer				
7:30 am - 8:15 am	<b>Exhibit Hall Networking - Breakfast</b> - Turquoise Foyer/Ballroom				
8:15 am - 9:50 am	<b>Opening Session</b> - Presidio Ballroom <b>2024 Officer Induction Ceremony</b> - David Fabiano and <b>Welcome Remarks</b> - Nancy Cole, Arizona APWA Chapter President <b>Keynote Speaker</b> - Morris Morrison				
10:00 am - 10:30 am	<b>Exhibit Hall Networking - Morning Break</b> - Turquoise Foyer/Ballroom				
Time	CORONADO 1	CORONADO 2	JOSHUA TREE	AGAVE	WHITE DOVE
10:30 am - 11:00 am	<b>Hate Sales? BD Essentials for Engineers</b> Barbara Shuck, Everest Marketing Services; Jen LaPointe, Take Flight	<b>APWA Jennings Randolph International Fellowship to Brisbane and Gold Coast, Australia</b> Chris Ewell, City of Phoenix	<b>Making Way for Growth: Utility Relocations to Support Major Industrial Development</b> Melanie Sikes, City of Chandler; Dan Broderick, Achen-Gardner Construction; Alan Palmquist, Wilson Engineers	<b>Planning the Un-Plannable: Supporting AZ's Economic Vitality with Speed, Versatility, and Innovation</b> Janene Thomas and Jeff Krobot, Sundt Construction; Marcel C Begay, City of Phoenix; David Markert, Wilson Engineers	<b>Thank Goodness for 'Entrenched Bureaucrats'</b> Benny J Young
11:00 am - 12:00 pm	<b>What Do APWA Owners Want? Vital Research Comes Alive!</b> Barbara Shuck, Everest Marketing Services	<b>Project Delivery Methods: What Drives the Decision?</b> Ryan Brady, Kitchell; David E Hylland, Yuma County; Dave Lipinski, Town of Queen Creek; Kimberly Moon, City of Chandler	<b>Advice to Young Professionals and Their Managers</b> Cory Steele, City of Tempe + APWA Diversity and Inclusion & Young Professionals Committees	<b>Teamwork before Formwork: Stakeholders, Value Engineering &amp; Hawaiian Shirts</b> Jeanne Jensen and David Fabiano, Town of Gilbert; Renee Hoekstra, RHA	<b>A Tale of Two Cities: Using Streets to Provide Access to All!</b> Lindsey Van Parys and David Sabers, GHD
12:15 pm - 1:30 pm	<b>APWA Awards Luncheon</b> - Presidio Ballroom				
1:30 pm - 2:00 pm	<b>Exhibit Hall Networking</b> - Turquoise Foyer/Ballroom				
2:00 pm - 2:30 pm	<b>Challenges and Practices for Capital Improvement Project Budgeting within Public Agencies</b> Danielle Feroletto, Small Giants + Panel	<b>Where Did All the Engineers Go?</b> Steve Orosz, Paradigm Design; Dr. Tejo Bheemasetti, UofA; Dr. Xuesong Zhou, ASU; Dr. Paul T. Gremillion, NAU	<b>Hot Topics in Public Works</b> David Sabers, GHD + APWA Diversity and Inclusion Committee Panel	<b>Benefits of Scanning for Facilities and Underground Features</b> Phil Reimer, HILGARTWILSON	<b>Ocotillo Road, Greenfield to Higley, Project Overview/Update</b> David Rutkowski, Kimley-Horn; Ryan Blair, Town of Gilbert; Renee Hoekstra, RHA
2:30 pm - 3:00 pm				<b>Rethinking Pavement Management in Pima County</b> Michelle Montagnino and Joe Sweet, Pima County DOT; Zac Thomason, Roadway Asset Services	
3:00 pm - 3:30 pm	<b>Exhibit Hall Networking - Afternoon Break</b> - Turquoise Foyer/Ballroom				
3:30 pm - 4:00 pm	<b>Proposal Perspectives: How to Impress Public Agencies in the APDM Process</b> Danielle Feroletto, Small Giants + Panel	<b>Cost Savings On An Accelerated Schedule Utilizing Artificial Intelligence</b> Josh Ford and Ryan Circello, Burgess & Niple	<b>Change Management: Build a Better Change Team</b> Nancy Cole, Pima County	<b>The Worth of Water: Understanding the Costs and Value of Arizona's Existing and Potential Water Supplies</b> Doug Kobrick, Hazen and Sawyer	<b>Sidewalk and Ramp Surveys: Practical, GIS-Based Techniques for Data Collection and Visualization</b> Kurt Keifer, IMS
4:00 pm - 4:30 pm				<b>Design Locating Issues</b> Al Field, Al Field and Associates	
4:30 pm - 5:00 pm	<b>Exhibit Hall Networking</b> - Turquoise Foyer/Ballroom				
5:00 pm - 7:00 pm	<b>Fun Night (Western Theme)</b> - Presidio Ballroom				
Time	FRIDAY, JULY 28, 2023 Exhibit Hall Hours 7:30 am - 9:00 am				
7:30 am - 9:00 am	<b>Registration Desk Open</b> - Turquoise Foyer				
7:30 am - 9:00 am	<b>Exhibit Hall Networking - Breakfast</b> - Turquoise Foyer/Ballroom				
8:15 am - 9:00 am	<b>Exhibit Hall Vendor Prize Giveaways</b> - Turquoise Ballroom				
9:15 am - 10:15 am	<b>Closing Presentation</b> - Jennifer Toth				
10:15 am - 10:30 am	<b>APWA Giveaway Drawings</b> - Presidio Ballroom				
10:30 am - 12:00 pm	<b>Agency Showcase: Networking With Owners, Project Managers, and Decision Makers</b> - Presidio Ballroom				

# EXHIBITORS / EXHIBIT HALL MAP

- Achen-Gardner Construction (28)
- Advanced Drainage Systems (6)
- AeroTech Mapping (53)
- Alta Arizona (16)
- Ardurra (70)
- Armorock (47)
- Asphalt Zipper (17)
- AZTEC (60)
- Beehive Industries (75)
- Boulder Designs (68)
- Bowman (45)
- Burgess & Niple (39)
- CHASSE Building Team (1)
- Civiltec Engineering (27)
- Coe & Van Loo (CVL Consultants) (2)
- Cooper Aerial (3)
- Crafco, Inc. (11)
- Dibble (21)
- Dibble CM (22)
- Ellison-Mills Construction (15)
- EJ (69)
- Entellus (32)
- Foley Products (66)
- Fortiline Waterworks (73)
- Gannett Fleming (54)
- GLHN (44)
- Granite Construction (10)
- GSM Arizona (48 and 49)
- Haydon (57)
- HILGARTWILSON (29)
- Hobas (8)
- Holbrook Asphalt (12)
- Horrocks (25)
- Huitt-Zollars (4)
- Hunter Contracting (61)
- Hydra-Stop (9)
- IMS (Infrastructure Management Services) (72)
- KE&G (23)
- Kitchell (62)
- Neenah Foundry (40)
- Ninyo & Moore (65)
- NORESCO (71)
- Olsson (30)
- PACE (36)



- Paradigm Design (64)
- Pavement Restoration (55)
- PSOMAS (14)
- Pulice Construction (19)
- Riley Engineering (59)
- Rinker Materials (43)
- RoadBotics (58)
- Roadway Asset Services (24)
- Rummel Construction (34)
- Safe Site (5)
- SealMaster (37)
- Speedie & Associates (18)
- Standard Construction Company (51)
- StormTrap (52)
- Sunland Asphalt (26)
- Sunrise Engineering (31)
- Superior Supply/Aqua Patch (50)
- TapMaster (38)
- Tecsolutions Consultants (46)
- Tnemec Coatings (7)
- Trafficade (20)
- Unique Paving Materials (13)
- ViaSun Corporation (35)
- WCA (42)
- Weems Asphalt (41)
- Western Technologies (33)
- Willmeng (67)
- Wilson & Company (63)
- WSP USA Environment & Infrastructure (56)

**ASK EXHIBITORS TO FILL YOUR GAME CARD FOR A CHANCE TO WIN A PRIZE!**

# WEDNESDAY DETAILS 07/26/23

8:00 AM - 12:00 PM

## **THE ABC'S OF THE VALUE METHODOLOGY (Agave)**

**Description:** Hosted by the Arizona Chapter SAVE International, this is a half-day course designed to introduce the value methodology to a wide-range of attendees. We will present the Who, What, Why, Where, When and How of value and its application to innovation and fiscal responsibility. Participants will have a strong understanding of the three-stage process of pre-study, study and post study and truly understand the six-phase job plan and what occurs during each step in the plan. Additionally, we will briefly discuss the need for program development within public works organizations and how to gain support from management and staff.

1:00 PM - 5:00 PM

## **A DEEPER DIVE INTO THE VALUE METHODOLOGY (Agave)**

**Description:** Hosted by the Arizona Chapter SAVE International, this class is designed for individuals involved in planning, design and construction projects, including planners, architects, engineers, construction managers, contractors, cost estimators and owners. Apply an extremely valuable process to help you make improvements, seek out innovation and opportunities to projects and programs, and even the way you and your organization does business.

3:00 PM - 6:00 PM


## **REGISTRATION DESK OPEN (Turquoise Foyer)**

5:00 pm - 7:00 pm

## **OPENING RECEPTION SPONSORED BY SEALMASTER (Turquoise Foyer/Ballroom)**

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# THURSDAY DETAILS 07/26/23

7:30 AM - 4:30 PM

**REGISTRATION DESK OPEN (Turquoise Foyer)**

7:30 AM - 8:15 AM

**BREAKFAST AND EXHIBIT HALL NETWORKING (Turquoise Foyer/Turquoise Ballroom)**

8:15 AM – 9:50 AM

**OPENING SESSION (Presidio Ballroom)**

**2024 Officer Induction Ceremony:** David Fabiano, Town of Gilbert

**Welcome Remarks:** Nancy Cole, Arizona APWA Chapter President

**Keynote Speaker Sponsored by Rummel Construction:** Morris Morrison is obsessed with building Stronger, Kinder, Focused human beings. Along with his team at Windmill Park Media, Morris Morrison has become a world-class Entertainer, Show Host, Writer and Entrepreneur who's journey began in New York City before a doctor's words changed his life forever, after being orphaned a second time.

Morris Morrison has been the go-to voice that has impacted countless youth, college and university and major corporate events that range from HR and Sales, to Supply Chain and Healthcare. After losing his parents in New York City and becoming orphaned a second time as a teen, early opportunities uncovered a unique brand of engagement that connects with all audiences and backgrounds, with an unforgettable message that sounds like a Hollywood movie script. Many of today's world-leading organizations have partnered with Morris Morrison to build fearless, focused leaders that drive uncomfortable change and healthy disruption.

After receiving his education from Fairmont State University and the John Chambers College of Business and Economics at West Virginia University, Morris Morrison's business journey included critical leadership roles in Human Resources and Sales and Marketing, prior to exploring his dedicated path of entrepreneurship and culture building. Today, many global leaders have witnessed his message live on stage and in his latest book titled Disrupt Yourself. His message is powerful and his story is unforgettable, but his focus is clear — to bring families & teams closer and make organizations more impactful, through personal ownership, service and generosity.

Morris is best known for celebrating his biggest accomplishments off stage as a proud husband and father, with additional service to organizations including Fellowship of Christian Athletes, Big Brothers Big Sisters, the YMCA, and many others. Morris is a proud brother of Alpha Phi Alpha Fraternity and he currently serves on the Board of Directors for the West Virginia University Alumni Association, the board of advisors for the John Chambers College of Business and Economics at West Virginia University, and the Chestnut Mountain Ranch home for boys.

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# THURSDAY DETAILS 07/27/23

10:00 AM - 10:30 AM

**MORNING BREAK AND EXHIBIT HALL NETWORKING (Turquoise Foyer/Turquoise Ballroom)**

10:30 AM - 11:00 AM

**HATE SALES? BD ESSENTIALS FOR ENGINEERS (Coronado 1)**

**Speakers:** Barbara Shuck, Everest Marketing Services; Jen LaPointe, Take Flight

**Description:** If you love the technical work but hate sales, we're here to help. In this session, AEC marketing veteran, Barbara Shuck, and engineer-with-actual-BD-skills, Jen LaPointe, will share practical tips and tricks that every engineer should practice. We will break the learning into three areas including Prospecting, Protecting, and Positioning. We will provide tactical action items for each area that will fill in gaps and build confidence for even the most experienced engineers. We promise to provide ideas that you can put to work when you walk out the door.

**APWA JENNINGS RANDOLPH INTERNATIONAL FELLOWSHIP TO BRISBANE AND GOLD COAST, AUSTRALIA (Coronado 2)**

**Speaker:** Chris Ewell, City of Phoenix

**Description:** In January 2023, Chris was awarded one of two fellowships as part of the APWA Jennings Randolph International Fellowship (JRIF) Program. In June 2023, Chris traveled to Gold Coast and Brisbane, Australia to attend the Institute of Public Works Engineering Australasia (IPWEA) International Asset Management Congress and learned asset management practices from both municipalities. This presentation will focus on what Chris learned from the JRIF and our counterparts in Australia and how it is applicable to us in Arizona.

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# THURSDAY DETAILS 07/27/23

## **MAKING WAY FOR GROWTH: UTILITY RELOCATIONS TO SUPPORT MAJOR INDUSTRIAL DEVELOPMENT (Joshua Tree)**

**Speakers:** Melanie Sikes, City of Chandler; Dan Broderick, Achen-Gardner Construction; Alan Palmquist, Wilson Engineers

**Description:** Industrial development in the City of Chandler required the construction of new underground power lines through a utility-congested corridor in public right of way. To clear a path for the power lines, the City of Chandler (Owner), Wilson Engineers (Design Engineer), and Achen-Gardner Construction (General Contractor/Construction Manager at Risk) worked as a team to relocate and reinforce more than 7,000 LF of utilities. The team successfully facilitated critical developer and power company schedules while maintaining access for local businesses and residents. This presentation will discuss challenges, solutions, and lessons learned on this complex project.

## **PLANNING THE UN-PLANNABLE: SUPPORTING AZ'S ECONOMIC VITALITY WITH SPEED, VERSATILITY, AND INNOVATION (Agave)**

**Speakers:** Janene Thomas, Jeff Krobot, Sundt Construction; Marcel C Begay, City of Phoenix; David Markert, Wilson Engineers

**Description:** The construction market significantly transformed in the last two years. Materials that were previously stable to procure and are now unpredictable with changes in both price and availability. So much so that our construction teams implemented some best practices in an extreme way. During this presentation, we will discuss how our team leveraged collaboration, relationships, historical knowledge/indexes, and planning to overcome this challenge. Using the award-winning Northwest Water and Wastewater Package 3A Project as a model, we will explore the details on how we planned for the un-plannable to provide impactful infrastructure for both the City and a mega economic development driver.

## **THANK GOODNESS FOR 'ENTRENCHED BUREAUCRATS' (White Dove)**

**Speaker:** Benny J Young, City/County Leadership and Management Specialist

**Description:** An examination of the value of Public Service and the Public Servants. Utilize case studies and specific examples of committed, self-less employees at all levels of Public Works Organizations...encountered during the course of a nearly 50-year career in City and County engineering, operations, and administration.

11:00 AM – 12:00 PM

## **WHAT DO APWA OWNERS WANT? VITAL RESEARCH COMES ALIVE! (Coronado 1)**

**Speaker:** Barbara Shuck, Everest Marketing Services

**Description:** What does every APWA AZ Conference design or construction attendee want to know? How Arizona's agency professionals select firms, what characteristics matter most, and what factors don't matter at all. This engaging APWA Arizona session will dig into 15 questions that are part of a national Owners' Survey being conducted by the Society for Professional Marketing Services (SMPS) Foundation. Barbara Shuck, FSMPS, CPSM, an Arizona veteran marketing consultant and President of the SMPS Foundation, will bring the research to APWA attendees. Together we will ask critical questions and have open discussions that both agency and consultants will value.

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# THURSDAY DETAILS 07/27/23

## **PROJECT DELIVERY METHODS: WHAT DRIVES THE DECISION? (Coronado 2)**

**Speakers:** Ryan Brady, Kitchell; David E Hylland, Yuma County; Dave Lipinski, Town of Queen Creek; Kimberly Moon, City of Chandler

**Description:** The choice of Project Delivery Method defines the allocation of risk throughout a contract. Several project delivery methods are available to use, so which is right for your project? Design-Bid-Build, Design-Build, CMAR, and P3 each assign a different proportion of risk to the parties, and each bring strengths and weaknesses depending on the circumstances. This presentation will discuss the various strategies, how they differ, and how a public agency can make the right decision for its constituents. Following the presentation, Kitchell will host a round-table discussion with representatives from both public and private entities to discuss their approaches and experiences with various delivery methods.

## **ADVICE TO YOUNG PROFESSIONALS AND THEIR MANAGERS (Joshua Tree)**

**Speakers:** Cory Steele, City of Tempe + APWA Diversity and Inclusion & Young Professionals Committees

**Description:** Join the APWA Diversity and YP Committees as they present several scenarios impacting Young Professionals through several role playing sketches. A panel and audience participation will provide guidance and advice on how to successfully navigate these career milestones.

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# THURSDAY DETAILS 07/27/23

## **TEAMWORK BEFORE FORMWORK: STAKEHOLDERS, VALUE ENGINEERING & HAWAIIAN SHIRTS (Agave)**

**Speakers:** Jeanne Jensen and David Fabiano, Town of Gilbert; Renee Hoekstra, RHA

**Description:** Gilbert is taking on a unique fully-integrated team delivery approach to delivering the \$550M North Water Treatment Plant reconstruction while on a rollercoaster of volatility. Focusing on a full case-study review of internal business case development, project team engagement as with takeaway elements on practical ways to build a team to drive to value. This focuses on the Case Study of engaging operations, engineering, municipal leadership, contractor, designer, construction manager, and partners to deliver a project as a team and not a relay race.

## **A TALE OF TWO CITIES: USING STREETS TO PROVIDE ACCESS TO ALL (White Dove)**

**Speakers:** Lindsey Van Parys and David Sabers, GHD

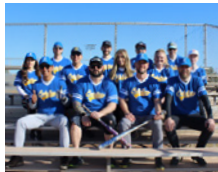
**Description:** This presentation will walk the listener through case studies in two cities that dared to be different and push the boundaries of what their communities thought transportation infrastructure should or could be. The La Quinta Complete Streets project won the 2022 APWA National Transportation Project of the Year for Small and Rural Communities.

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# THURSDAY DETAILS 07/27/23

12:15 PM – 1:30 PM

## **APWA AWARDS LUNCHEON (PRESIDIO BALLROOM)**

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### Professional Manager of the Year

#### **PUBLIC RIGHT-OF-WAY**

Beth Abramovitz, Town of Sahuarita

### Projects of the Year

#### **SMALL CITIES/RURAL COMMUNITIES**

Transportation Category

#### **Quail Crossing Boulevard Extension**

Managing Agency: Town of Sahuarita

Primary Consultant: Psomas

Primary Contractor: The Ashton Company, Inc.

#### **ENVIRONMENTAL CATEGORY**

Less Than \$5 Million

#### **Zone 1 Water Transmission Main CMAR**

Managing Agency: Town of Gilbert

Primary Consultant: Black & Veatch

Primary Contractor: Achen-Gardner Construction

\$5 Million to \$25 Million

#### **Chandler Heights Utility Relocations CMAR**

Managing Agency: City of Chandler

Primary Consultant: Wilson Engineers

Primary Contractor: Achen-Gardner Construction

\$25 Million to \$75 Million

#### **Waterline Replacement: Clark, University, and Daley Park Neighborhoods CMAR**

Managing Agency: City of Tempe

Primary Consultant: Sunrise Engineering

Primary Contractor: Achen-Gardner Construction

More Than \$75 Million

#### **Northwest Valley Infrastructure**

Managing Agency: City of Phoenix

Primary Consultant: Wilson Engineers

Primary Contractor: Sundt Construction, Inc.



#### **DISASTER OR EMERGENCY CONSTRUCTION/REPAIR CATEGORY**

Less than \$5 Million

#### **Shultz Creek Sediment and Flood Mitigation Basins**

Managing Agency: City of Flagstaff

Primary Consultant: Shephard Wesnitzer, Inc.

Primary Contractor: FANN Contracting, Inc.

### Projects of the Year

#### **STRUCTURES CATEGORY**

\$5 Million to \$25 Million

#### **Pinal County Attorney's Office Building**

Managing Agency: Pinal County

Primary Consultant: DLR Group

Primary Contractor: FCI Constructors, Inc.

\$25 Million to \$75 Million

#### **Terminal 2 Concourse Demolition and Apron Reconstruction CMAR**

Managing Agency: City of Phoenix

Primary Consultant: Stantec

Primary Contractor: Kiewit Infrastructure West Co.

More Than \$75 Million

#### **ASU@Mesa City Center & The Plaza@Mesa City Center**

Managing Agency: City of Mesa

Primary Consultant: Holly Street Studio

Primary Contractor: DPR Construction

#### **TRANSPORTATION CATEGORY**

Less Than \$5 Million

#### **Sandario and Twin Peaks Roundabout**

Managing Agency: Town of Marana

Primary Consultant: Psomas

Primary Contractor: Granite Construction, Inc.

\$5 Million to \$25 Million

#### **Cooper Road Improvements**

Managing Agency: City of Chandler

Primary Consultant: Entellus, Inc.

Primary Contractor: Pulice Construction, Inc.

\$25 Million to \$75 Million

#### **Broadway Boulevard Euclid Avenue to Country Club Road**

Managing Agency: City of Tucson

Primary Consultant: HDR Engineering, Inc.

Primary Contractor: The Ashton Company, Inc.

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# THURSDAY DETAILS 07/27/23

1:30 PM - 2:00 PM

## **EXHIBIT HALL NETWORKING (Turquoise Foyer/Turquoise Ballroom)**

2:00 PM - 2:30 PM

## **BENEFITS OF SCANNING FOR FACILITIES AND UNDERGROUND FEATURES (Agave)**

**Speaker:** Phil Reimer, HILGARTWILSON

**Description:** HILGARTWILSON is utilizing Trimble SX12 which acts like a traditional total station on the ground but offers a powerful combination of high accuracy surveying and 26,000 points-per-second 3D scanning. We can capture the location of site improvements in a 3-Dimensional seamless process, allowing for immediate visualization of the site and surrounding as well as direct measurements and 3D viewing of pipe sizes and visual identification of valves, flanges, interiors of manholes and more.

2:00 PM – 3:00 PM

## **CHALLENGES AND PRACTICES FOR CAPITAL IMPROVEMENT PROJECT BUDGETING WITHIN PUBLIC AGENCIES (Coronado 1)**

**Moderator:** Danielle Feroletto, Small Giants

**Panel:** Toby Crooks Town of Gilbert; Paul Lopez, Town of Buckeye; Dave Lipinski Town of Queen Creek; Alex Kohnen, Arizona State University; David Laughlin Willmeng Construction

**Description:** This presentation will provide information and insight into the capital improvement project (CIP) budgeting process and define some of the challenges associated with that process. Danielle Feroletto will moderate and seek input from panelists and the audience on potential solutions to improve the accuracy and timeliness of CIP budgets prior to the solicitation of design and construction services. The goal of this presentation will be to ensure public agencies have the best possible budgets to meet their programmatic needs when they are ready to go to market with their projects.

## **WHERE DID ALL THE ENGINEERS GO? (Coronado 2)**

**Speakers:** Steve Orosz, Paradigm Design; Dr. Tejo Bheemasetti, UofA; Dr. Xuesong Zhou, ASU; Dr. Paul T. Gremillion, NAU

**Description:** Listen to a panel of higher education educators and industry professional discuss the state of civil engineering graduates and the journey to professional licensing. Is there really a shortage of mid-range engineers in our profession? If so, why? Come listen to the panel and bring your questions and perspectives for an interactive discussion on how we can improve the attractiveness of civil engineering.

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# THURSDAY DETAILS 07/27/23

## **HOT TOPICS IN PUBLIC WORKS (Joshua Tree)**

**Speakers:** David Sabers, GHD + D&I Panel


**Description:** Two teams for the Diversity and Inclusion (D&I) committee will debate several hot topics facing the public works industry. Audience participation is encouraged and will determine the winning debate team.

## **OCOTILLO ROAD, GREENFIELD TO HIGLEY, PROJECT OVERVIEW/UPDATE (White Dove)**


**Speakers:** David Rutkowski, Kimley-Horn; Ryan Blair, Town of Gilbert; Renee Hoekstra, RHA

**Description:** The Town of Gilbert is extending Ocotillo Road from Greenfield to Higley Road. The project will include grade separated crossings at the RWCD Canal, Eastern Maricopa Floodway, Chandler Heights Regional Basin and Queen Creek. The Chandler Heights Regional Basin crossing will be an iconic bridge structure which has been developed through extensive outreach. This presentation will review the features and progress of the project to date including the value analysis and value engineering workshops that were completed for the project.


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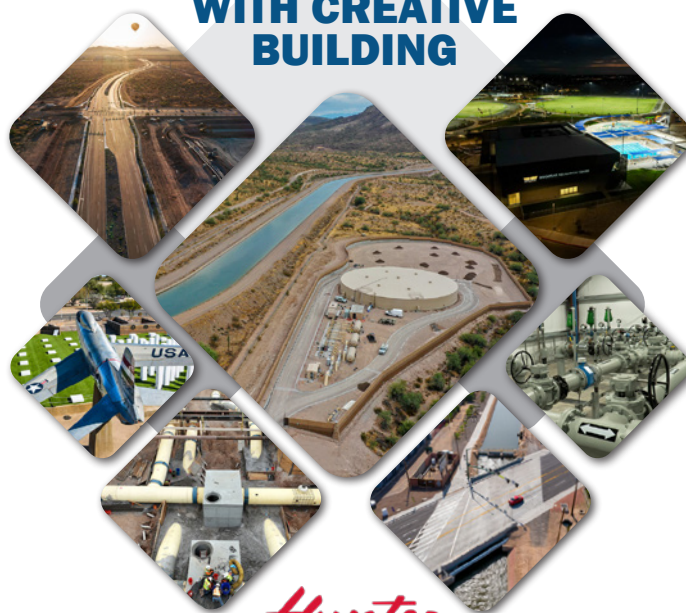
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# THURSDAY DETAILS 07/27/23

2:30 PM - 3:00 PM

## **RETHINKING PAVEMENT MANAGEMENT IN PIMA COUNTY (Agave)**



**Speakers:** Michelle Montagnino and Joe Sweet, Pima County DOT; Zac Thomason, Roadway Asset Services

**Description:** Pima County's pavement management program, like most agencies across Arizona, has evolved with the technological advancements that come from data collection hardware, data processing software, and available financial analytic software. In the spirit of innovative RETHINKING and at the best interest of public tax payer dollars, Pima County has embraced automated sensor based collection, powerful processing techniques that harness A.I. where appropriate, analysis of it's management sections with large swings in PCI across their length, off the shelf pavement analytics, and is considering future enhancements such as financial optimization techniques that leverage "risk of deferral" thinking.

3:00 PM - 3:30 PM

## **AFTERNOON BREAK AND EXHIBIT HALL NETWORKING (Turquoise Foyer/Turquoise Ballroom)**


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# THURSDAY DETAILS 07/27/23

3:30 PM - 4:00 PM

## **THE WORTH OF WATER: UNDERSTANDING THE COSTS AND VALUE OF ARIZONA'S EXISTING AND POTENTIAL WATER SUPPLIES (Agave)**

**Speaker:** The wide disparities in Arizona water pricing distort the planning for management of existing supplies and development of new sources. This presentation provides a comparison of costs of production and prices paid for various categories of water in Arizona to illustrate the complexity and in some cases unfairness that the current water market imposes.

3:30 PM - 4:30 PM

## **PROPOSAL PERSPECTIVES: HOW TO IMPRESS PUBLIC AGENCIES IN THE APDM PROCESS (Coronado 1)**

**Moderator:** Danielle Feroletto, Small Giants

**Panel:** Ryan Blair, Town of Gilbert; Paul Lopez, Town of Buckeye; Armando Lopez, City of Surprise; Margaret Kinsey, Small Giants

**Description:** As the competition tightens for public work and the proposal and presentations of competitors gets more sophisticated, we need to continue to find the advantage as AEC firms pursuing work. Danielle Feroletto will provide tips and thoughts on best practices having worked with AEC firms on more than \$2.5B in proposals and interview preparation. She will also host an interactive panel who will take questions and lead a breakout session to discuss their advice and experience in improving the submittals.

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**Juan Valles**  
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# THURSDAY DETAILS 07/27/23

## **COST SAVINGS ON AN ACCELERATED SCHEDULE UTILIZING ARTIFICIAL INTELLIGENCE (Coronado 2)**

**Speakers:** Josh Ford and Ryan Circello, Burgess & Niple, Inc.

**Description:** Artificial Intelligence (AI) is a low-cost way to evaluate systems and provide a more accurate condition inventory of a collection system. Pairing AI with GIS allows utility owners to better maintain assets by creating a digital twin that can visualize problem areas and more effectively and transparently move towards the prioritization of rehabilitation/replacement. Utilizing GIS and the B&N-designed AI environment, PipeAid™, allows utility owners to easily coordinate with other capital improvement projects to save on cost and social/environmental disruption. Join Josh and Ryan as they demonstrate how AI and GIS take condition assessment to the next level.

## **CHANGE MANAGEMENT: BUILD A BETTER CHANGE TEAM (Joshua Tree)**

**Speaker:** Nancy Cole, Pima County

**Description:** The only true given in Public Works is that change is coming, and we need to be prepared. Change is necessary for public works agencies to succeed and grow and is important for staff to retain a competitive edge and remain relevant. Change encourages innovation, develops skills, develops staff, leads to better business opportunities, and improves staff morale. This session will discuss strategies and tips to help build a better change team – to avoid fear and open up to the benefits gained through successful change initiatives. This is one of the AZ Public Works Institute topics, come see what type of learning we offer in that program!

## **SIDEWALK AND RAMP SURVEYS: PRACTICAL, GIS-BASED TECHNIQUES FOR DATA COLLECTION AND VISUALIZATION (White Dove)**

**Speaker:** Kurt Keifer, IMS

**Description:** This session explores how municipalities are expanding asset management programs to include sidewalks. IMS uses imagery, LiDAR, and foot-on-the-ground surveys to support different agencies with varying needs and budgets. Case studies showcase for attendees how data collection methods can allow agencies to manage their infrastructure efficiently, matching their capacity and capability.

4:00 PM - 4:30 PM

## **DESIGN LOCATING ISSUES (Agave)**

**Speaker:** Al Field, Al Field and Associates

**Description:** Did you know that your SUE provider cannot LEGALLY use the APWA standard utility colors when locating for your project design? Did you know that your SUE provider uses a color that the Arizona Corporation Commission lists as illegal and is subject to citation? What can we do to fix this?

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# THURSDAY DETAILS 07/27/23

5:00 PM - 7:00 PM

**FUN NIGHT - WESTERN THEME (Presidio Ballroom)**

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# FRIDAY DETAILS 07/28/23

7:30 AM - 9:00 AM

**REGISTRATION DESK OPEN (Turquoise Foyer)**

**BREAKFAST AND EXHIBIT HALL NETWORKING (Turquoise Foyer/Turquoise Ballroom)**

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8:15 AM - 9:00 AM

**EXHIBIT HALL VENDOR PRIZE GIVEAWAYS (Turquoise Ballroom)**

**Description:** Exhibitors can draw/announce their winners.

9:15 AM - 10:15 AM

**CLOSING PRESENTATION (Presidio Ballroom)**

**Speaker:** Jennifer Toth

**Description:** Jennifer Toth was appointed director of the Arizona Department of Transportation on January 5, 2023, to lead the agency responsible for planning, designing, building, maintaining and operating the state's multimodal transportation system, managing transportation revenue, and providing motor vehicle title, registration and driver license services.

Jennifer has more than 25 years of experience in the public works field. She has spent the majority of her career working in the public sector and was most recently the Director for the Maricopa County Department of Transportation (MCDOT) as well as the Maricopa County Engineer.

10:15 AM - 10:30 AM

**APWA GIVEAWAY DRAWINGS (Presidio Ballroom)**

**Description:** Attend the Friday session and you will receive a ticket for a chance to win one of several grand prizes. Must be present to win!

We will also announce the winners of the exhibit hall stamp card game. You do not need to be present to win those prizes.

10:30 AM - 12:00 PM

**AGENCY SHOWCASE: NETWORKING WITH OWNERS, PROJECT MANAGERS, AND DECISION MAKERS**

**(Presidio Ballroom)**

**Description and Participants:** Don't miss out on exclusive one-on-one time with key staff from various Arizona municipalities. Confirmed agencies/organizations include: City of Avondale, City of Buckeye, Town of Gilbert, Town of Marana, Maricopa County Department of Transportation, City of Phoenix - Several Departments, Pima County, Pima County Flood Control District, Pima County Regional Wastewater Reclamation Department, Town of Prescott Valley, Town of Queen Creek, Town of Sahuarita, City of Surprise, City of Tempe, City of Tucson, and City of Yuma.

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# ARIZONA APWA INFORMATION

Arizona APWA is a State Chapter of the American Public Works Association (APWA); a non-profit 501(c)3 educational and professional association of public agencies, private sector companies, and individuals dedicated to providing professional excellence and public awareness through education, advocacy, knowledge, and much more! There are 64 U.S. Chapters (APWA), Canada (CPWA) and other International Chapters. APWA's headquarters are in Kansas City, MO. They also have an office in Washington, D.C. Membership in APWA is open to public and private sector individuals, agencies, and companies interested and involved in the delivery of public works goods and services.

## ARIZONA CHAPTER EXECUTIVE COMMITTEE

- President - Nancy Cole, Pima County
- President Elect - Angel Cobb, City of Phoenix
- Past President - Sandy Niebel, Ethos Engineering
- Secretary - Stew Waller, Foley Products
- Treasurer - Kristin Peck, HILGARTWILSON
- Director - Kristina Locke, Coe & Van Loo
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- Director - Chris Ewell, City of Phoenix
- Director - Cory Steele, City of Tempe
- Director - Nick Hall, Burgess and Niple
- Director - David Locher, ADOT
- Delegate - Wendy Springborn, City of Surprise
- Alternate Delegate - Casey Ambrose, Town of Gilbert

## ARIZONA CHAPTER AWARDS COMMITTEE

- Chris Ewell, City of Phoenix (Co-Chair)
- Ken Kawamoto, Achen-Gardner Construction (Co-Chair)
- Annette Grove, City of Scottsdale
- Amanda McGennis, Retired
- Dave Moody, Retired
- Daniel Johnson, HILGARTWILSON
- Scott Lowe, City of Buckeye
- Nancy Cole, Pima County

## ARIZONA CHAPTER CONFERENCE COMMITTEE

- Christy Sipos, Conference Co-Chair, Civiltec Engineering
- Scott Kirchofer, Conference Co-Chair, Achen-Gardner Construction
- Chris Ewell, Board Liaison, City of Phoenix
- Chris Simko, Program Lead, Stantec
- Kristin Peck, Exhibitors/Sponsor Lead, HILGARTWILSON
- Nancy Cole, Golf Lead, Pima County
- Sheila Hamilton, APWA Liaison, APWA Administrator
- Sheila Smith, Agency Showcase Lead, Arrington Watkins Architects
- Al Field, Al Field & Associates
- Aoife Malone, Stantec
- Becky Hornack, Fun Night lead, DCS Contracting
- Cindy Laughlin, Sundt
- Jason Simmers, Dibble
- Katlynn Paasch, HILGARTWILSON
- Margaret Kinsey, Small Giants
- Sydney Chan, Burns & McDonnell

## NORTHERN BRANCH OFFICERS

- President – Nick Hall, Burgess & Niple, Inc.
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- Branch Director 1 - Chapter Liaison - Steve Orosz, Paradigm Design
- Branch Director 2 – Nate Reisner, Coconino County Public Works Department
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## Arizona Chapter APWA Contact Information:

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### **Arizona Chapter APWA Statewide Conference | July 26-28, 2023 | El Conquistador Tucson**

The following list of Professional Development Hours (PDH) follows the exact listing of sessions in this program. Check the sessions you attended.

#### **THURSDAY, JULY 27, 2023**

##### **PRESIDIO BALLROOM**

1 PDH \_\_\_ Keynote Opening Speaker Morris Morrison

##### **CORONADO 1**

1 PDH \_\_\_ Hate Sales? BD Essentials for Engineers

1 PDH \_\_\_ What Do APWA Owners Want? Vital Research Comes Alive!

1 PDH \_\_\_ Challenges and Practices for Capital Improvement Project Budgeting within Public Agencies

1 PDH \_\_\_ Proposal Perspectives: How to Impress Public Agencies in the APDM Process

##### **CORONADO 2**

1 PDH \_\_\_ APWA Jennings Randolph International Fellowship to Brisbane and Gold Coast, Australia

1 PDH \_\_\_ Project Delivery Methods: What Drives the Decision?

1 PDH \_\_\_ Where Did All the Engineers Go?

1 PDH \_\_\_ Cost Savings On An Accelerated Schedule Utilizing Artificial Intelligence

##### **JOSHUA TREE**

1 PDH \_\_\_ Making Way for Growth: Utility Relocations to Support Major Industrial Development

1 PDH \_\_\_ Advice to Young Professionals and Their Managers

1 PDH \_\_\_ Hot Topics in Public Works

1 PDH \_\_\_ Change Management: Build a Better Change Team

##### **AGAVE**

1 PDH \_\_\_ Planning the Un-Plannable: Supporting AZ's Economic Vitality with Speed, Versatility, and Innovation

1 PDH \_\_\_ Teamwork before Formwork: Stakeholders, Value Engineering & Hawaiian Shirts

1/2 PDH \_\_\_ Benefits of Scanning for Facilities and Underground Features

1/2 PDH \_\_\_ Rethinking Pavement Management in Pima County

1/2 PDH \_\_\_ The Worth of Water: Understanding the Costs and Value of Arizona's Existing and Potential Water Supplies

1/2 PDH \_\_\_ Design Locating Issues

##### **WHITE DOVE**

1 PDH \_\_\_ Thank Goodness for 'Entrenched Bureaucrats'

1 PDH \_\_\_ A Tale of Two Cities: Using Streets to Provide Access to All

1 PDH \_\_\_ Ocotillo Road, Greenfield to Higley, Project Overview/Update

1 PDH \_\_\_ Sidewalk and Ramp Surveys: Practical, GIS-based Techniques for Data Collection and Visualization

#### **FRIDAY, JULY 28, 2023**

##### **PRESIDIO BALLROOM**

1 PDH \_\_\_ Closing Presentation with Jennifer Toth

**Your Total Professional Development Hours = \_\_\_\_\_**



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