

## A/E/C Committee Meeting

**RHCA...** the leader in Diversity Inclusion **Networking and building business relationships and opportunities** 

**September 13, 2023** 

Disclaimer: This webinar is not intended for press purposes. If you are part the press, please disconnect.









# Housekeeping Rules

- Keep yourself muted throughout the meeting
- Please make sure to stay for the whole meeting
- Presentation will be emailed
- Q&A will be after each presentation
- Ask questions in the chat
- Please make sure to keep your camera on, at all times
- If you get logged out, please re-login using the same link









# Welcome









## Committee Introductions











WHEN: Thursday, Sept. 14, 2023

> 7 a.m. - 8 a.m. Check-in and breakfast 8 a.m. - 5 p.m. Small Business Academy

WHERE: Dallas College Bill J. Priest Institute

**Hoblitzelle Auditorium** 

1402 Corinth St., Dallas, TX 75215

COST: \$20 registration fee per person.

> For registration information, contact Justin Chatman at JChatman@dart.org

The 10th Annual DART Small Business Academy will provide valuable tips and insights to help you effectively participate in the public procurement process, market your capabilities, and gain access to the capital you need to grow your business. You will also have the opportunity to meet some of





#### **WHAT YOU WILL LEARN:**

#### **DART Procurement Overview and Engagement**

From ongoing operations to capital projects, DART is a major consumer of goods and services. Learn how to successfully compete for contracts by ensuring your bid or proposal leaves a good impression.

#### **Marketing and Branding**

Marketing and branding are just as important for small businesses as for large corporations. You do great work, and we'll teach you how to get the word out.

#### The Path to **Business Assistance**

Finding a source of funding can be a challenge for many small business owners. Hear from small business support experts and learn about the D/M/WBE certification process, educational and assistance programs, the importance of credit, and the difference between loans and investments in your company.

DART is committed to creating economic opportunities through our D/M/WBE Program, and the Small Business Academy is one way we work to increase supplier participation.











Architecture, Engineering and Construction.



Pearl 1-3





Friday, September 8, 2023

11:30 AM - 1:30 PM The Junior League of Houston

The Tea Room





**Luna Awards Luncheon** Thursday, November 9, 2023 11:30 AM - 1:30 PM **Sheraton Dallas Hotel** 400 N Olive Street, Dallas, TX 75201



#IAMLUNA

01 Bowie Street, San Antonio, TX 78205-3901

#LUNASTATEWIDE

Registration: https://form.jotform.com/230085618271151









#### **SAVE THE DATE**

#### **CENTRAL TEXAS**

Austin & San Antonio

#### HOUSTON & BEAUMONT DALLAS & FORT WORTH







Friday, October 20, 2023



Friday, December 1, 2023

https://regionalhca.org/calenda/heavy-highway-forums/









## **Heavy Highway Forum 2023 – Statewide**

- Friday, September 22 Austin & San Antonio Districts: <a href="https://form.jotform.com/231417700789157">https://form.jotform.com/231417700789157</a>
- Friday, October 20 Houston & Beaumont District: <a href="https://form.jotform.com/231417216576153">https://form.jotform.com/231417216576153</a>
- Friday, December 1 Dallas and Fort Worth Districts: <a href="https://form.jotform.com/231416413650144">https://form.jotform.com/231416413650144</a>

Note: These dates do not fall on a "letting date"









## **Heavy Highway Forum 2023 – Central Texas Austin & San Antonio Districts**



Friday, September 22 - Austin & San Antonio Districts: <a href="https://form.jotform.com/231417700789157">https://form.jotform.com/231417700789157</a>









### **Heavy Highway Forum 2023 – Houston & Beaumont Districts**



The RHCA and ASHE Houston invite consultants, engineers, and contractors, in addition to any professional services or construction services companies interested in or currently working in the Heavy Highway and Transportation industry, to participate in this upcoming Forum. Join us to hear from key decision makers, including TxDOT and Harris County Toll Road Authority (HCTRA) leadership as well as technical experts, as they speak about the State of the Industry and upcoming opportunities.

#### Speakers









#### webber

Partnering Organizations





Friday, October 20 - Houston & Beaumont District: <a href="https://form.jotform.com/231417216576153">https://form.jotform.com/231417216576153</a>









## **Heavy Highway Forum 2023 – Dallas & Fort Worth Districts**



The RHCA invites consultants, engineers, and contractors, in addition to any professional services or construction services companies interested in or currently working in the Heavy Highway and Transportation industry, to participate in this upcoming Forum. Join us to hear from key decision makers, including TxDOT and NTTA leadership as well as technical experts, as they speak about the State of the Industry and upcoming opportunities.

#### Speakers









**Partnering Organizations** 

Sponsors







webber

For More Information: call 972-786-0909 or email: julio@regionalhca.org

Friday, December 1 - Dallas & Fort Worth Districts: https://form.jotform.com/231416413650144









## **2023 Heavy Highway Forum**

**Budget Goal All Three Cities** 

o Revenue 70,000.00

### **2022 Heavy Highway Forum**

o Revenue 38,000.00

Expenses 2,608.24

Net Income 35,391.76

Attendance 150

## **2021 Heavy Highway Forum**

• Revenue 13,050.00

Expenses 212.39

Net Income 12,837.61

Attendance 120









### **2023 Heavy Highway Forum Proposed Agenda**

- Welcome Remarks 8:30 am
- TxDOT Statewide Update 9:00 am
- District Update 9:45 am
- Breakout Session 10:20 am
  - Construction
  - PEPS
- Lunch Break 11:30 am
- Alternative Delivery Presentation 11:45 am
- Closing Remarks 12:00 pm









## **2023 Heavy Highway Forums Next Steps**

- Identify Venues
  - Houston
  - Central Texas (South Austin, North of San Antonio)
  - Dallas / Fort Worth Arlington
  - Venue Requirements
    - Main Room Capacity
      - 150 attendees
      - 15-20 exhibitors
      - Food can be allowed
    - Breakout Room Capacity
      - 60 attendees
- Sponsorship Menu
- Identify Partnering Organizations
  - Houston
  - Central Texas
  - Dallas/Fort Worth
- Committee Meeting Schedule











## **Highway Forum Action Items**

- Subcommittee Meeting Dates
- Secure DFW Venue
- Sponsorship List
- Partnering Organizations
  - Central Texas
  - Houston
  - o **DFW**











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# Q&A









# Guest Speaker



Gregory S. Cleveland, P.E., CCM Sr. Associate / Sr. Vice President SAM-CS Director of Construction Services gcleveland@sam-cs.biz

#### Bio:

Greg is a Sr. Associate and Sr. Vice President with SAM Construction Services. As a former TxDOT employee at the District and Division level, Greg has over 29 years of engineering, construction, and project management experience on traditional, design-build, and public-private partnership (P3) projects on some of the largest projects in Texas. Greg serves as SAM-CS's Director of Construction Services responsible for construction contract execution and administration, field engineering, quality control, and implementation of construction phase software services. He is a licensed Professional Engineer in 10 states and a nationally Certified Construction Manager.





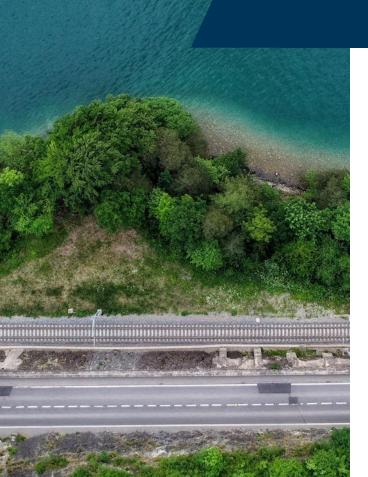








# About SAM Companies and Our Markets



With over **45 offices** in the nation, SAM is the nation's largest combined geospatial solutions and construction services provider and the leader in our industry.

We serve clients across a complete range of industries:

- // Transportation
  - Highways
  - Rail
  - Aviation
  - Ports
- // Energy
- // Architecture
- // Land Development
- // Utilities
  - Electric

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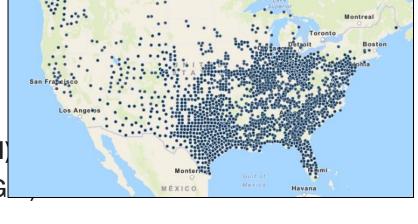
# **SAM Companies Services**



SAM's broad scope of services plays a vital role in providing the foundational data, input, insight, and oversight needed for project

success. Our services include:

- // Land Surveying
- // Aerial Mapping
- // Construction Services
- // Utility Engineering
- // Building Information Modeling (BIM)
- // Geographic Information Systems (G





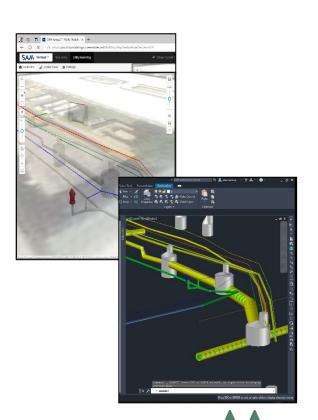
# SAM Applied Technology (AT) Group



SAM Applied Technologies (AT) Group consists of Software Programmers, Surveyors, & Engineers.

Key services include:

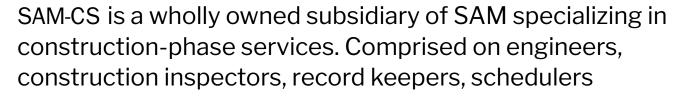
- // Application Design and Implementation
- // Security and GIS Website Deployment Services
- // Mobile Application Development
- // Custom Programming and Workflow Design





# About SAM-Construction Services

(SAM-CS)



Our service include:

- Construction Engineering & Inspection (CEI)
- // Program Management
- // Quality Assurance /Quality Control (QA/QC)
- // Contract Compliance







We develop and deploy cutting technology solutions to enhance construction activities.

Tablet and phone driven solutions to provide insightful business decisions

Some, but not all, technology consists of:

- // SAM Field App
- // Dashboard driven Key Performance Indicators
- // Contract Compliance Electronic Workbook
- // 3D Construction Inspection







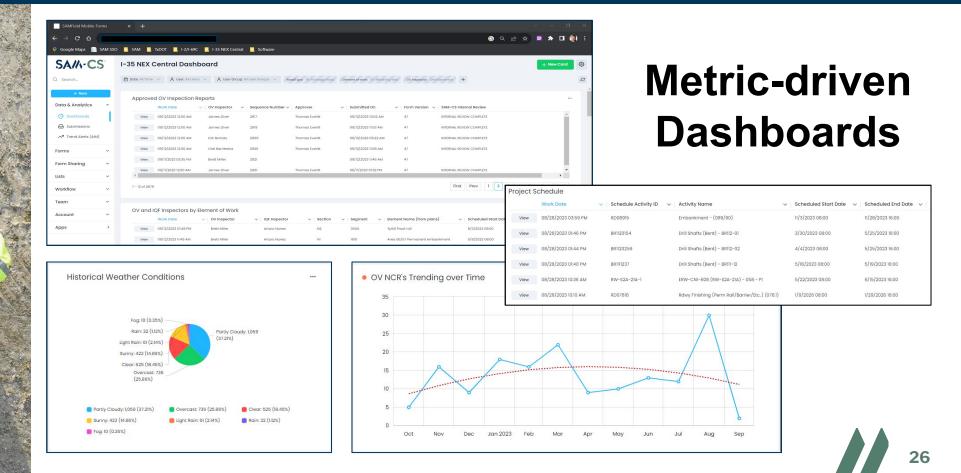




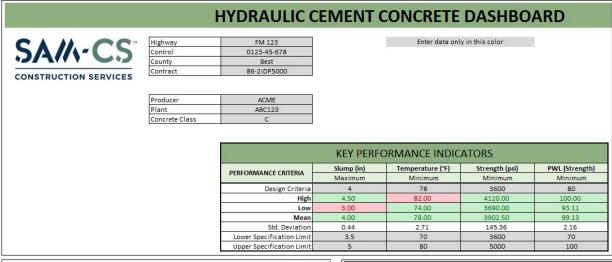




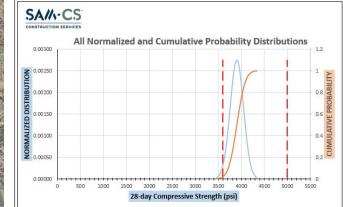








# Predictive Analytics



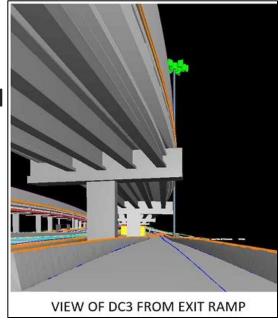
	Less Than Value	Greater Than Value	Between		
	(psi)	(psi)	Lower Limit (psi)	Upper Limit (psi)	
	3600	3600	3000	4000	
Probability (%)	1.87%	98.13%	74.88%		
				00400000000	
Std. Deviation	Lower Limit (psi)	Upper Limit (psi)	Probablity (%)		
1.0	3757	4048	68.27%		
2.0	3612	4193	95.45%		
3.0	3466	4339	99.73%		
Percentile	Percent	Strenth Required	Units		
50th	50%	3903	psi		
60th	60%	3939	psi		
70th	70%	3979	psi		
80th	80%	4025	psi		



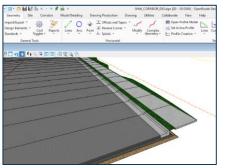
**3D software and 3D scanning** are helping to improve safety, productivity and quality during construction phase operations

Key Benefits of 3D Construction:

- // View project features in the field
- // Compare as-built versus as-designed
- // Make insightful decisions timely
- // Improve construction quality



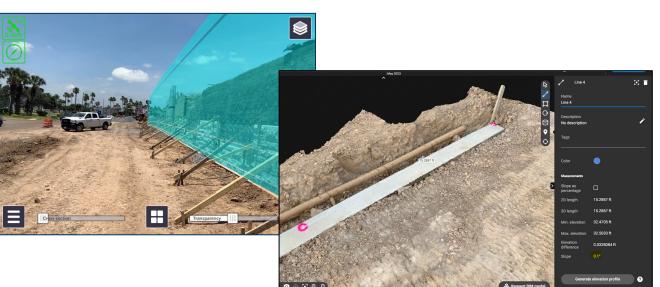








## 3D Solutions









# Thank You!

#### **KEY CONTACTS**

# Gregory Cleveland, PE, CCM

Director of Construction Services SAM-CS

214-403-7064 gcleveland@sam-cs.biz

#### Scott B. Hall

Business Development Director SAM-CS

817-894-5065 scott-hall@sam-cs.biz



# Q&A











Susan Nidam
Senior Vice President
HDR Engineering
susan.nidam@hdrinc.com

# Guest Speaker

#### Bio:

Susan Nidam is a Sr. Vice President for HDR Engineering, Inc. and has spent her entire career dedicated to the development and implementation of transportation projects in Texas. She has worked throughout the state on some of the largest transportation projects including I-635 LBJ Corridor Redevelopment, Westpark Tollway, Project Pegasus (I-30/I 35E around Downtown Dallas) and the I-35E Design-Build. Susan began her career with TxDOT-Houston District, environmental services and project development group more than 23 years ago. Susan is based in HDR's Dallas office with regional responsibilities for the firm's statewide transportation program, which includes over 570 professionals.









# **FDS**

## About **HDR Engineering**



#### **EMPLOYEE OWNERSHIP DRIVES OUR CULTURE**





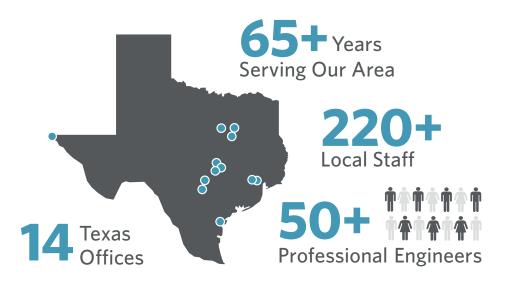








#### **HDR Texas Presence**



### Local Experience

**Our local expertise and** knowledge in various market sectors demonstrates our ability to work with NTTA on its most complex projects.





**Project Management** 



Civic Architecture



**Construction Services** 



ITS/Technology



Environmental





Drainage





Right-of-Way





**O&M Facilities Design** 



## Target Client- Understand Requirements



**Understand Clients Being Pursued** 

Structure, Program



**Procurement Rules** 



Registrations Required



#### **Attend Meetings**

Board Meetings, Public Meetings, Workshops, RTC, Public Meetings, etc.



## Build Relationships

Agency Staff, Partner Firms Winning Work



## Target **Opportunities**



#### **NTTA Projected Contracts**

Item #	Anticipated Advertisement Month/Quarter	Procurement Contract Type	Contract Name	
1	July	RFP	Finance/Human Resources ERP system replacement Project Management Consultant	Review Financ
2	July	RFP	General Technology Operations Consultant Pool	Pool o
4	July	RFP	Project Management Services for Customer Service and Revenue Systems	Customoservices assistan teams/p
3	Aug	RFP	Data Analytics Support Services	Data An indeper GIS pro



#### **TxDOT Projected Contracts**

Estimated Date of Advertisement	Discipline of Procurement	District or Division Managing Contract	Procuring PEPS Service Center	Procurement Contact	Procurement Engineer (Do Not Contact)	Selection Process	Description of Procurement (Location, project limits, type of work, unique services, etc.)	Project Location (County, District, Statewide)	Contra- Specific Deliv Indefinite Deli
Wave 1 September 2023	Bridge On/Off Replacement	Bridge Division (BRG)	Divisions	_Kori Rodriguez	LaDonna Waters	Federal with Interview (DBE)	Bridge Division: statewide bridge design services to include Plans, Specifications, and Estimates (PS&E).	Statewide	
Wave 1 September 2023	Construction, Engineering, Inspection (CEI)	Austin District	Austin	Charles Davidson	Todd Speck	Federal with Interview (DBE)	CEI services for the Austin District: IH 35 Culvert & Storm Drainage Work, from S. of 51st St to N. of Holly St	Travis County	
Wave 1 September 2023	Construction, Engineering, Inspection (CEI)	Austin District	Austin	Charles Davidson	Harry Pan	Federal with Interview (DBE)	CEI services for the Austin District. Reconstruct IH 35 MLS & FRB, from Holly Street to SH 71; Reconstruct the Martin Luther King ir Bive bridge; Construct CapMetro railroad and pedestriam bridges at Airport Bive, and the 4th street and the southbound deck bridge retrofit.	Travis County	SL
Wave 1 September 2023	Construction, Engineering, Inspection (CEI)	El Paso District	El Paso	Jaime Perales	Alan Gonzalez	Federal with Interview (DBE)	CEI services for the EI Paso District: Proposed operational improvements to include direct connectors at the interchange of IH 10 and SH 178 (Artcraft Road).	El Paso District	sc
Wave 1 September 2023	Construction, Engineering, Inspection (CEI)	El Paso District	El Paso	Jaime Perales	Alan Gonzalez	Federal with Interview (DBE)	CEI services for the EI Paso District: FM2185 Extension in Culberson County from 750 ft south of Looney Spur Rd to junction with FM 3541.	El Paso District	SE
Wave 1 September 2023	Construction, Engineering, Inspection (CEI)	Houston District	Houston	Kimlinh Nguyen	Pasha Merrikh	Federal with Interview (DBE)	CEI services for the Houston District	Houston District	ID
Wave 1 September 2023	Construction, Engineering, Inspection (CEI)	Youkum District	Central	Jaime	Bing Wang	Federal with Interview (DBE)	CEI services for the Youkum District: IH 10 8-lanes from Alleyton Rd south to FM 2434	Youkum District	

### Summary - Tips for Approaching Prime Firms



Large Pursuits Start 2+ Years Out



#### **Be Strategic**

Do Your Project Research



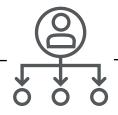
## **Determine Differentiators**

What Makes Your Firm/Staff Unique



#### **Elevator Speech**

Brief Summary of Qualifications



#### Understand Needs

Prime Firm Team Support



#### Prepare Materials

Have Marketing Materials Ready to Share



#### **Follow Up**

Stay Engaged After the Pursuit



Build Long-Term, Collaborative Relationships

# **FDS**

# Q&A









## **AEC Committee Upcoming Events and Topics of Interest**

- Heavy Highway Forum Statewide
- Municipal Improvements
- Water/Wastewater Event
- Federal Event
- Facilities Event
- Water Resources Event
- Transportation/Roadway Event









## RHCA | Webinar

Infrastructure Bill Opportunities Impact on Texas with a Focus on North Texas

- Federal highway programs: \$26.9 billion
- *Public Transportation:* \$3.3 billion
- Drinking water infrastructure (and removing lead pipes): \$2.9 billion
- *Airports:* \$1.2 billion
- Bridge replacement and repairs: \$537 million
- *Electric vehicle charging network:* \$408 million
- Broadband expansion: \$100 million
- *Wildfire protection:* \$53 million
- *Cyberattacks protection:* \$42 million









## RHCA | Subcommittee Help with inviting monthly guest speakers

Example:

The invitation details are listed below:

Tuesday, November 9, 2021 Date:

**Time Duration:** 10 to 15 minutes (if you need more please let me know)

Time Range: Any 15 minutes between 8:45am to 10:00am CST

Via online Video: Zoom Video Conference

Committee: RHCA Economic and Business Development Committee: Audience –

Contractors/Professional Services/Public Agency Employees

Texas Emission Reduction Plan (TERP) Program overview & Benefits for Topic:

contractors

**Presentation:** PowerPoint Due by Monday, November 8 – To Jonathon Garcia

Other Items Needed: (1) Headshot in JPEG (2) Title

Link to recommend guest speakers: <a href="https://forms.office.com/Pages/ResponsePage.aspx?id=m9gkZ9IDKEWQMA6zN7Gyu1-t7tkG5ypLvhzsQv7hgMRUNUdGT0UwVIVLTDVRSFNDUjZGU09VVFVPNC4u">https://forms.office.com/Pages/ResponsePage.aspx?id=m9gkZ9IDKEWQMA6zN7Gyu1-t7tkG5ypLvhzsQv7hgMRUNUdGT0UwVIVLTDVRSFNDUjZGU09VVFVPNC4u</a>









# Q&A







