



**FDR**  
April  
2019



April 3, 2019

Williamson County Purchasing Department  
Attn: Johnny Grimaldo, Purchasing Specialist  
901 South Austin Avenue  
Georgetown, Texas 78626

RE: Bid #1902-295: Engineering Services for FM 3349 at US 79

Dear Mr. Grimaldo,

Thank you for the opportunity to submit on the Engineering Services for FM 3349 at US 79 project. HDR Engineering, Inc. (HDR) will bring innovative thinking, technical skills, and collaboration to your project, and build stakeholder support by assisting your public involvement team. HDR offers a qualified team of professionals with extensive knowledge of the local area, experience with similar schematic and PS&E projects adjacent/crossing railroads, as well as issues that impact Williamson County. Our team includes: Inland Geodetics for design survey/ROW mapping, CD&P, Inc. and Vining & Associates for Public Involvement, and HVJ for geotechnical/pavement design.

With a staff of 253 full-time professionals in Central Texas and a Williamson County office located at **710 Hesters Crossing, Suite 150, Round Rock, TX 78681**, we can begin work immediately upon receiving NTP. I am the HDR Team's Project Manager and will coordinate the efforts of the task leads and subconsultants to develop a successful project at this intersection. HDR proposes a proven local team that provides Williamson County the following key characteristics:

**PARTNERSHIP AND EXPERIENCE** - HDR has provided transportation planning and design services for Williamson County, the Cities of Leander, Cedar Park, Georgetown, Round Rock, Taylor, TxDOT Austin District, and more. Projects including the SH 29 Bypass from SH 29 to RM 2243, IH35 Frontage Road Improvements from University to Westinghouse, Old 2243 Reconstruction, and Wolf Ranch Parkway are only a few of the projects that HDR has completed in Williamson County. Additionally, HDR completed at-grade, overpass, and underpass projects across the UPRR in Central Texas including Yarrington Road, LP 82, Kenny Fort Blvd., AW Grimes, SH 130 and Harrell Parkway. HDR has demonstrated a high level of technical expertise which has allowed us to become a trusted partner to deliver significant projects throughout Williamson County and Central Texas.

**PROVEN PROJECT LEADERSHIP** - I bring over 33 years of transportation engineering experience, along with extensive Central Texas project related experience. My proven experience in schematic/environmental through the design, bidding and construction phases of transportation projects is extensive. I will work closely with Williamson County and GEC staff, as well as other consultants in your program to deliver a successful project while meeting your goals and objectives for the corridor. My relevant experience and UPRR relationships will be critical for this project.

**RESPONSIVENESS** - HDR has one of the largest transportation planning and design staffs located in Williamson County that will be needed on this project. We will bring together the right people for Williamson County, providing the right skills, expertise, experience and the highest level of teamwork.

Our understanding of the type of work to be performed, including the challenging issues that can arise within the project, our extensive experience with these issues related to UPRR, maintaining access, and mobility to adjacent major developments will be critical for successful completion of this project. We bring recent and relevant project experience from multiple projects along US 79 that addressed these issues and successfully delivered these projects. Thank you for consideration of our Statement of Qualifications. Please do not hesitate to contact me if you have any questions or need additional information.

Philip Fulton, PE  
Sr. Project Manager



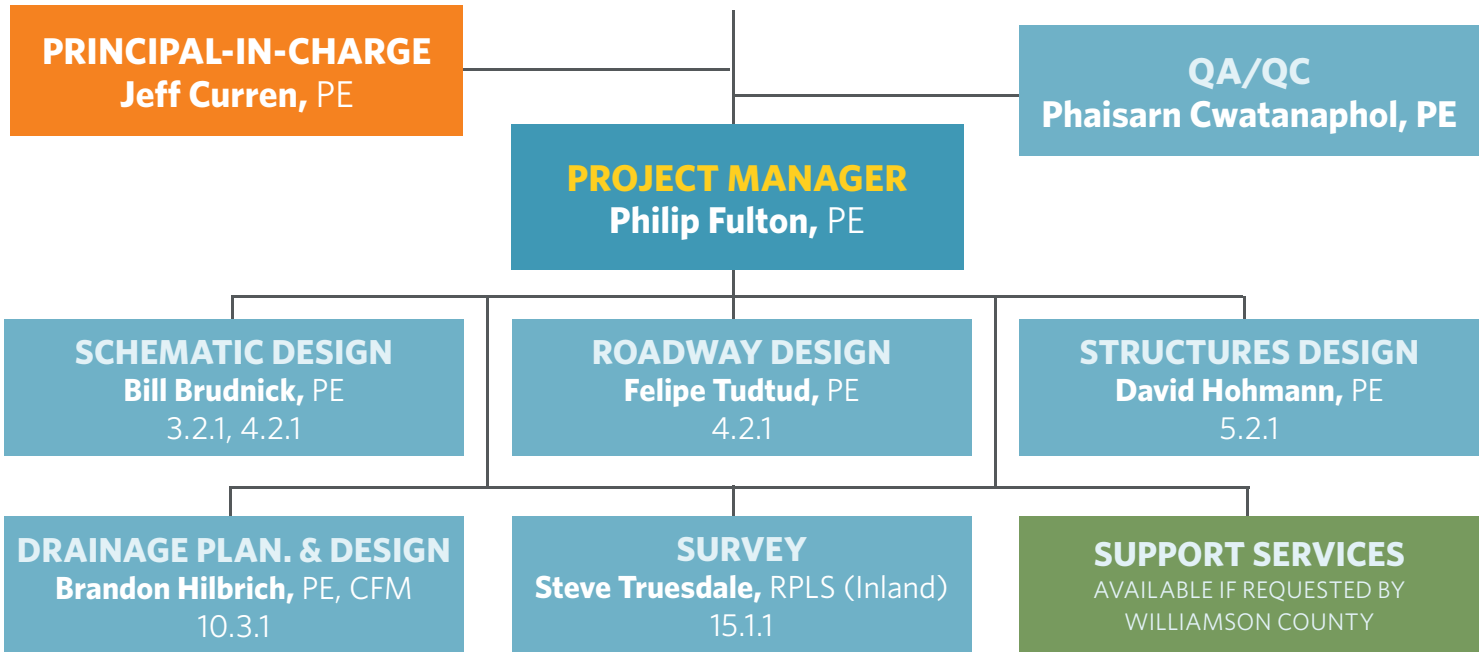
# ORGANIZATIONAL CHART



HDR'S PROJECT: I-35E AT BELT LINE RD

## We understand the importance of meeting project schedules.

The capacity to accomplish work in a strict timeframe requires strong and experienced leaders backed by skilled team members that have a positive relationship with UPRR. Our personnel are dedicated to providing sufficient time and effort to produce a quality product. With this in mind, our team members were carefully selected not only for their expertise, but also for their availability to work on the project for its duration. We follow well established and time proven procedures to manage our project work and have assembled a strong team that is available to begin work upon Notice-to-Proceed. You can rely on us to successfully deliver this project.



All team members are HDR employees unless otherwise noted.

### Availability of Firm Management and Staff Assigned to Williamson County

HDR will commit the key personnel identified in this submittal and listed in the Organizational Chart to the extent necessary to meet the project goals and objectives of Williamson County. The HDR Team is fully committed to meet the quality and schedule requirements.

### Geotechnical/Pavement

Jason Schwarz, PE (HVJ)

### Public Involvement

Arin Gray (CD&P)

Joe Vining (Vining & Assoc.)

### Right of Way Services

Teri Morgan, SR/WA, R/W-NAC,  
R/W-RAC

## AVAILABILITY OF STAFF

HDR recognizes that our client's requirements vary throughout the development of the project, and HDR will adjust technical resource staffing as needed to meet your expectations. Our Project Manager, Philip Fulton, PE, will regularly review and assess staffing needs for the development of the FM 3349 at US 79 project. This will be accomplished through work plan meetings with task leads that will be held on a weekly basis and will include subconsultant staffing and deliverable scheduling as well. The table below lists the availability of our Project Manager, task leaders, and relevant staff as of the expected NTP date of May 2019. All of the team members listed here are fully committed and available to work on this project, and no team member listed will be replaced without prior discussion with Williamson County staff.

	<b>75%</b>	Philip Fulton, PE Project Manager
	<b>40%</b>	Jeff Curren, PE Principal-in-Charge
	<b>50%</b>	Phaisarn Cwatanaphol, PE Quality Control Manager - Engineering
	<b>75%</b>	Bill Brudnick, PE Schematic Design
	<b>90%</b>	Felipe Tudtud, PE Roadway Design
	<b>80%</b>	David Hohmann, PE Structural Design
	<b>80%</b>	Brandon Hilbrich, PE, CFM Drainage Planning & Design
	<b>50%</b>	Steve Truesdale, RPLS Survey

Our pool of resources clearly demonstrates the strength, technical expertise, and **depth of services we are able to provide to the Williamson County.**



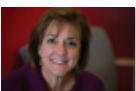



**38** ENGINEERING  
PROFESSIONALS IN  
WILLIAMSON COUNTY



**253** LOCAL STAFF in  
Central Texas with  
the right technical skills and  
experience to assist Williamson  
County on any project task.

## SUPPORTING TEAM MEMBERS

AVAILABLE BASED ON PROJECT REQUIREMENTS

	<b>50%</b>	Teri Morgan, SR/WA Right of Way Services
	<b>50%</b>	Jason Schwarz, PE Geotech/Pavement
	<b>50%</b>	Arin Gray (CD&P) Public Involvement
	<b>50%</b>	Joe Vining (Vining & Associates) Public Involvement

## KEY PROJECT STAFF EXPERIENCE

### **Philip Fulton, PE - Project Manager**

Philip is a Senior Roadway Project Manager with over 33 years of experience in transportation design and project management for highway projects including urban street reconstruction, rural FM roads, and complex freeway/toll road facilities. His experience includes PS&E development as well as alternative delivery P3 projects. Philip's management experience includes managing a highway/bridge department, completing employee evaluations, quality control, and mentoring junior staff. Philip's relevant similar project experience includes I-35E at Belt Line Rd, Kenney Fort Blvd at UPRR, SH 130 at US 79, and LP 82 at UPRR.

### **Jeff Curren, PE - Principal-in-Charge**

Jeff has over 34 years of experience and leads HDR's transportation business group with responsibilities in the Central US. He has served as principal-in-charge, project manager, or lead engineer on numerous design-build, design, and construction engineering projects. He was HDR's Project Manager for the SH 130 program.

### **Phaisarn Cwatanaphol, PE - QA/QC Engineering**

Phaisarn has over 21 years of roadway and drainage design experience in both the public and private sectors. His broad range of experience results in a greater understanding of QA/QC and interdisciplinary coordination.

### **Bill Brudnick, PE - Schematic Design**

Bill has over 32 years of experience in transportation engineering including five years as the TP&D Director at TxDOT Houston District. He oversaw groups including programs, project development, detailed design, and ROW sections. In addition, he is familiar with TxDOT, Federal, and County design standards, policies and procedures as well as working with UPRR on several grade separation crossings. He has developed diagrammatics, alternative alignments and addressed comments from the various stakeholder groups so that a recommended alternative and schematic design could be finalized.

### **Felipe Tudtud, PE - Roadway Design**

Felipe has over 15 years of roadway design experience throughout Texas including schematic and final design PS&E projects for TxDOT, County, and municipal clients. His experience includes schematic development of horizontal and vertical geometry as well as detail design of roadway projects, traffic control plans, drainage design, signing/pavement markings, and quantity estimates.

### **David Hohmann, PE - Structural Design**

David has over 35 years of bridge design and project management experience throughout the state of Texas. He was a senior bridge design engineer, the Director of Bridge Design, and the Director of the Bridge Division during his 29 year tenure with TxDOT. He was recently the Structural Task Lead for SW Bypass, IH 35 at US 183 NB to NB direct connector, and IH 35E at Belt Line Rd.

### **Brandon Hilbrich, PE, CFM - Drainage Planning and Design**

Brandon has over 10 years of experience providing engineering support for water resource and stormwater management projects including site development, floodplain mitigation, stormwater modeling, watershed master plans and water utility design. He is responsible for hydrologic and hydraulic analyses for the purposes of channel and drainage structure design and project impact evaluation.

### **Steve Truesdale, RPLS (Inland) - Surveying Services**

Steve possesses a broad range of operational and project management experience in the field of land surveying spanning 33 years, including roadway design and right-of-way acquisition surveys, utility line route surveys and easement preparation.

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## SUPPORTING TEAM MEMBERS

AVAILABLE BASED ON PROJECT REQUIREMENTS

**Arin Gray (CD&P) - Public Involvement.** Arin provides strategic planning and oversight for community engagement and is skilled in facilitating stakeholder involvement and building consent for transportation projects. She is currently providing public involvement services for several Williamson County corridors.

**Joe Vining, FAICP (Vining & Associates) - Public Involvement.** Joe has planned, managed, and helped sustain the growth of the City of Round Rock, Texas for the past 39 years and is familiar with area developers and property owners.

**Teri Morgan, SR/WA - ROW Services.** Teri has 32 years of experience in the right of way industry and has overseen and successfully managed over 145 projects with over 2,700 acquisitions and relocations.

**Jason Schwarz, PE (HVJ) - Geotechnical/Pavement Design.** Jason has more than 16 years of experience in performing soil analysis testing as part of geotechnical field investigations and laboratory analyses.



## UNDERSTANDING OF THE PROJECT

The interchange at FM 3349 and US 79 project is part of the proposed Corridor E-1 that will connect Chandler Road and FM 1660. Our approach to developing the schematic design at this interchange is to refine and provide alternative designs to the current conceptual schematic that will consider construction cost, the railroad, drainage impacts, mobility, overall connectivity to the potential developments, and meet the purpose of the Williamson County's Long Range Transportation Plan (LRTP).

**ACCESSIBILITY AND MOBILITY:** HDR understands the potential local developments need in this area including the Hutto MegaSite and RCR Taylor Railyard. HDR will design an integrated transportation system that will improve accessibility, mobility, and enable economic growth. Our team has reviewed the conceptual design, and recommends that the following design issues be considered prior to finalizing the design schematic:

- The N-S turnaround is placed adjacent to the south ROW line of the UPRR. This will require two additional floodplain crossings (estimated to be 5-6'x6' MBC each). We recommend consideration of additional bridge spans and moving the turnaround to the south.
- The driveways shown at the south end of FM 3349 schematic should be investigated as a collector or arterial as shown on the Williamson County and Hutto Master Plans. The turnaround could be eliminated resulting in longer weave distances.
- Railyard site plan indicates a main entrance just south of the Hutto water tower. This location does not provide access to the northbound overpass, therefore we recommend relocating this driveway as far south as possible for better access.
- Bridge bent locations over US 79 will be a critical factor. We recommend confirming the US 79 ultimate configuration and coordinating with TxDOT Austin District to avoid future conflicts and throwaway cost.
- Consider realignment of the US 79 connector to Corridor E-1 in addition to adding additional lanes. Currently, the connector traverses the 100-yr flood plain by 400' at the current location
- Refine profile grades by maximizing downgrade of frontage roads thus reducing limits of retaining wall and construction costs.

To improve accessibility and mobility for truck movements and future development, another alternative would be to include US 79 ML realignment and ramp access to FM 3349 in the schematic design. This alternative will remove the US 79 connector, reducing the number of turning movements for vehicles going to/from the Hutto MegaSite and railyard. This concept is very similar to the US 79/SH 130 interchange where our PM, Philip Fulton, was the Segment lead for SH 130. This concept would provide improved access between FM 3349 and US 79. In addition, our bridge task lead, David Hohmann, and PM were task leads for the reconstruction of Belt Line Rd and I-35E interchange in Dallas where the frontage road was elevated over 2 railroad crossings. The HDR Team is fully prepared to address these project constraints as well as others that may arise during project development.

## STAKEHOLDERS/PUBLIC INVOLVEMENT/ ENVIRONMENTAL COORDINATION:

Our team includes Arin Gray and Joe Vining, both with extensive knowledge of local issues. The HDR Team will work proactively with the GEC, Environmental and PI staff to gain a thorough understanding of constraints and previous stakeholder commitments. We will incorporate constraints mapping, refine geometry, provide access to adjacent landowners, and plan for the ultimate development to achieve a definitive design. We have identified the following key stakeholders:

- **UPRR:** In conjunction with County Staff and GEC, HDR will coordinate with UPRR early during the preliminary schematic design to provide UPRR staff knowledge of the project. Our recommendation is to consider an agreement for the ultimate construction across their ROW even if the first construction is only the frontage road bridges.
- **TxDOT:** Potential design and construction must be coordinated with TxDOT for all state road impacts. HDR Team is very familiar with TxDOT policies and staff, and our PM has successfully completed TxDOT's training on Local Government Project Procedures.
- **City of Taylor and Hutto:** Project falls within the City Limits or ETJ, and HDR will facilitate coordination. Several parcels to be acquired are owned by the Hutto Economic Development Corporation (CDC).

**DRAINAGE:** The existing FM 3349 3-span bridge class culvert crosses Mustang Creek Tributary 2 within a FEMA Zone A floodplain with a contributing sub-watershed area of approximately 1.25 sq. mi. The tributary Zone A floodplain continues upstream in a northwest direction crossing a railroad bridge structure and US 79 through an existing 5-span bridge class culvert. Preliminary floodplain mapping developed by FEMA for the San Gabriel Watershed Phase 2 study, effective March 16, 2018, indicated the revised 100-year Zone A floodplain would be reduced within the project area (estimated late 2019). For this project, detailed H&H models would be developed to establish revised existing conditions floodplain extents using best available data. We recommend spanning revised 100-year floodplain to prevent upstream or downstream impacts. Impacts from additional impervious cover will be evaluated, considering local runoff impacts versus overall sub-watershed contributing flows.

**UTILITIES/ROW:** Utilities in the area include a gas pipeline running parallel to FM 3349, waterline, Hutto water tower, high-voltage power lines and electrical substation on CR 101, and overhead utilities parallel to US 79.

With the goal of refining the conceptual schematic, HDR will work closely with the Corridor E-1 E team to verify that changes to the ROW footprint will be incorporated in the environmental document.

# APPENDIX A

## RESUMES



## Philip Fulton, PE

### Project Manager

Philip is an experienced Roadway Project Manager in HDR's Round Rock office. He has over 33 years of experience managing transportation design projects from highway and urban street reconstruction to rural FM roads and complex freeway/toll road facilities. His experience includes traditional PS&E development for city, county, and TxDOT clients, as well as alternative delivery P3 projects. He has provided consulting engineering services on Design-Build CDA projects, both for the Developer as design engineer and for TxDOT on Program Management, Procurement, and GEC contracts. Philip's management experience also includes managing a highway/bridge department, completing employee evaluations, quality control, and mentoring junior staff.

### EDUCATION

Master of Business Administration,  
University of Texas at Austin, 1989

Bachelor of Science, Engineering, State University of New York, 1983

### PROFESSIONAL

#### REGISTRATIONS

Professional Engineer, TX, No. 73469

#### INDUSTRY TENURE

33 Years

#### HDR TENURE

11 Years

#### TXDOT PRECERTS

2.5.1, 3.2.1, 4.2.1, 5.2.1, 7.1.1, 8.1.1, 8.3.1, 10.2.1

### CONTACT:

#### EMAIL

Philip.Fulton@hdrinc.com

#### PHONE

512.685.2911

#### CELL

512.844.2530

### RELEVANT EXPERIENCE

**TxDOT Dallas District, I-35E Managed Lanes, Dallas, TX.** Segment 1 Roadway Design Manager. This project included a 5.5-mile segment of interstate reconstruction. This segment included a three-level interchange with Belt Line Road over two separate railroads (BNSF and FWWR). He completed coordination with the structures team to calculate horizontal and vertical clearances, span lengths, and structure depths for both Exhibit "A" permit documents. Additional responsibilities included development of corridor-wide general notes, specifications, and standards. Responsible for completing quality control reviews in accordance with the development contract and DQMP.

**City of Round Rock, Kenny Fort Blvd. (Arterial A), Round Rock, TX.** Deputy Project Manager. This project included a six-lane major arterial on a new alignment with two stream crossings and a Union Pacific railroad underpass. Mr. Fulton completed roadway geometric design, storm sewer design, retaining wall geometry, traffic control plans, stormwater pollution prevention plan, and signing and striping as well

as the Exhibit "A" for UPRR permitting. He also coordinated the utility adjustments, geotechnical design, and the engineering design with adjacent segments of this major corridor.

**Texas Turnpike Authority, SH 130 Toll Road Design-Build - Segments 1 through 4, Austin to San Antonio, TX.**

Segment 2 Roadway Design Manager. Philip was responsible for the roadway design of Sections 5 through 10 including schematic refinements, grading and drainage packages, and 100% final design packages. Coordinated roadway design with other disciplines including drainage, traffic control, utility relocations, and structural. He developed design task protocols, standard details, specifications, and general notes. Also completed QA/QC reviews of submittal packages including interdisciplinary reviews. Section 5 included a three-level interchange with the mainlanes over the UPRR and the frontage roads in an underpass. He completed a 3D model of the interchange used to determine bridge header banks and retaining wall geometry, and coordinated bridge layouts and Exhibit "A" permit documents.



## PHILIP FULTON, PE (CONTINUED)

**City of San Marcos, LP 82 at UPRR Overpass.** QC Manager. This project included a new UPRR overpass and realigned at-grade street/pedestrian crossing. Philip completed detailed QC reviews of the schematic and PS&E deliverables at each milestone submittal including preparation of the Exhibit A for permitting and utility coordination for relocation of city water/wastewater lines.

**TxDOT - Austin District, Loop 1 Segment 2 Toll Road, Austin, TX.** Deputy PM. Philip was responsible for plans, specifications, and estimate of the 2-mile toll road extension. Oversaw plan production and subconsultant management and task leader for roadway geometry, retaining wall design, signing, markings, and traffic control plans. Reviewed plans for quality assurance/quality control and coordination between design disciplines and utility conflicts.

**City of Killeen, SH 195/SH 201 Widening, Killeen, TX.** Prepared plans, specifications, and estimate (PS&E) package for the widening of SH 201 for 3 miles under TxDOT's Pass Through Financing Program. Improvements included the widening of an existing two-lane facility by two additional travel lanes, raised median, signing, pavement markings, traffic control, erosion control, pavement assessment, pavement design, utility coordination, and field surveying. The PS&E package used city bidding documents and TxDOT specifications.

**City of Austin, Rutland Drive Reconstruction, Austin, TX.** Project Manager. This project included the reconstruction of Rutland Drive from Burnet to Golden Meadow Drive for the city of Austin Street Rehabilitation

Program. Project scope included surveying, utility research, traffic control, pavement rehabilitation, signing, pavement markings, and water line relocation. The project also included reconstruction of one railroad crossing. Completed construction drawings, project manual, and bid tabulation in accordance with city of Austin requirements.

**City of Pflugerville, Pflugerville Parkway, Pflugerville, TX.** Transportation Engineer. This project included the reconstruction and extension of Pflugerville Parkway from a two-lane to a four-lane arterial for five miles. Prepared final plans, specifications, and estimate and provided construction phase services. The project incorporated TxDOT criteria based on the 4c funding provided by CAMPO. Design included roadway geometry, traffic control plan, signing, pavement markings, utility relocations, and storm sewer systems.

**TxDOT Pharr District, US 281 Reconstruction, Pharr, TX.** Deputy Project Manager. This project included the 7-mile schematic and 4-mile plans, specifications, and estimate for urban freeway reconstruction. Completed design including roadway geometry, retaining wall design, utility coordination, signing, traffic control plan, small roadside signing, large overhead signing and pavement markings, and design of intelligent transportation system (ITS) relocations including detector loops, variable message signs, and cabinets. Coordinated subconsultants for drainage, illumination, and traffic signals. Attended coordination meetings as necessary to use existing irrigation channels for outfall drainage and to define drainage easements.



## Philip Fulton, PE

Principal-in-Charge

Jeff has over 36 years of experience in transportation engineering. He is a Senior Vice President at HDR and is the regional director for our transportation business group with responsibilities in the Central US. He has served as principal-in-charge, senior project advisor, project manager, or lead engineer on numerous design-build, design, and construction engineering projects.

### RELEVANT EXPERIENCE

#### EDUCATION

Bachelor of Science,  
Civil Engineering,  
South Dakota State  
University, Brookings

#### PROFESSIONAL

#### REGISTRATIONS

Professional Engineer,  
TX No. 84227

#### INDUSTRY TENURE

36 Years

#### HDR TENURE

28 Years

#### **Williamson County, SH 29 SW Bypass, Georgetown, TX.**

Project Manager. Jeff was the PM for the final design of the southwest segment of the SH 29 bypass which traverses an existing rock quarry. This \$40M project is approximately 1.7 miles in length and includes a bridge over the quarry approximately 3500 feet in length and an overpass of the Georgetown RR line. The project includes provisions for initial construction while allowing for future phases as traffic warrants.

#### **TxDOT Austin District, State Highway 130, Central TX.**

Program Manager. Jeff was the program manager for this 49-mile, \$1.1 billion new alignment toll road in Central Texas. This was the first design-build contract utilized by TxDOT and Jeff led HDR's efforts. Jeff's responsibilities included support for oversight of engineering design, right-of-way acquisition, utility adjustments, environmental permitting, environmental compliance monitoring, project controls, and construction activities.

#### **TxDOT Austin District, State Highway 45 Southeast, Travis County, TX.**

Project Advisor. Jeff was a senior project advisor for this 7.5-mile, \$160 million design-build contract for a new alignment toll road. HDR assisted TxDOT with development of request for

proposal (RFP) documents, industry review of the RFP documents, procurement of a design-builder using the best value approach, and administering the contract.

#### **TxDOT, IH-35 E Design-Build, Dallas, TX.**

Senior Project Sponsor. Jeff served as a senior project sponsor and design joint venture board member for the design of this \$1B design-build project to reconstruct IH-35 and add managed lanes. In this role, Jeff attended monthly project reviews and assisted the team with management of the contract and resolution of issues related to the project.

#### **KDOT, I-435 Johnson County Gateway - Design-Build, Kansas City, KS.**

Principal-in-Charge. Jeff served as the principal-in-charge for the design of this \$288M design-build project to reconstruct a portion of I-435 including a system-system interchange while allowing for future phases of construction in the corridor for the ultimate build-out. In this role, Jeff attended monthly project reviews and assisted the team with management of the contract and resolution of issues related to the project.

#### **Hays County, Priority Road Bond Program, Hays County, TX.**

Program Manager. Jeff served as the program manager on the 2008 Priority Road Bond Program for Hays County, Texas.

## JEFF CURREN, PE (CONTINUED)

This program entailed capacity and safety improvement work for 22 separate projects with a total program value of \$57.5 million. He provided oversight for all phases of project development from assisting with the initial selection of consultants through construction completion. In this role, Jeff worked closely with the Hays County Commissioners as well as the County engineering staff to keep the program moving, monitor the progress of the project elements, program costs, attend public and stakeholder meetings, and provide overall technical direction for the projects.

### **TxDOT Tyler District, US 259 Kilgore Bypass, Kilgore, TX.**

Project Engineer. Jeff was a project engineer for the final design of nine precast, prestressed concrete beam bridge structures, including both grade separations and creek crossings, for a 7.8 mile limited access highway on a new alignment. Jeff was responsible for the north and south interchange structures which were horizontally curved and included an extremely large skew angle. He designed and detailed numerous beams and interior bents using the PSTRS14 and CAP18 programs. He also performed design of the columns for interior bents, including P-Delta analysis of slender columns when appropriate.

### **TxDOT Fort Worth District, SH 6 Over the Bosque River, Erath County, TX.**

Project Engineer. Jeff was a project engineer for the final design of a 10 span, precast, prestressed concrete beam bridge crossing the Bosque River. The bridge is to replace an existing functionally obsolescent structure. Jeff was involved in the bridge layout and

checked the design of the interior bent caps CAP18 program. He also performed the design of the interior bent columns and drilled shaft foundations using P-Delta analysis for slender columns when appropriate.

### **Nebraska Department of Roads, BNSF, Beatrice, NE.**

Project Manager. Jeff was responsible for the functional roadway design, right of way design, and preliminary bridge design for replacement of the existing U.S. 77 bridge over the Burlington Northern Sante Fe Railroad in Beatrice, Nebraska. The structure is on a horizontal curve over the BNSF track which is at an extreme skew. An integral steel pier cap was proposed to allow the track to pass below the pier cap allowing the use of radial alignment for the abutments and pier.

### **City of Omaha, 10th Street Viaduct, Omaha, NE.**

Lead Engineer. This project included the preliminary design of a 401 meter (1,316 foot) long 13 span steel girder bridge over the BNSF and Union Pacific railroads and local streets in Omaha, Nebraska.

### **Nebraska Department of Roads, Rulo West, NE.**

Project Manager. This project included the final design of a 59 meter (194 foot) long, horizontally curved, three span prestressed concrete girder bridge on a new alignment for U.S. 159 over the BNSF railroad west of Rulo, Nebraska.

### **Marysville Subdivision, Marshall County, KS.**

Final design to replace an existing viaduct over the Union Pacific Railroad on a new alignment. The replacement structure is a three span continuous steel girder bridge.





## Phaisarn Cwatanaphol, PE

QA/QC Manager - Engineering

Phaisarn has more than 22 years of roadway engineering and hydraulic design experience on projects throughout the State of Texas. He has a thorough understanding of the Standard Specifications for Design, Construction and Maintenance of Highways, Streets and Bridges, the policies and guidelines of the Texas and FHWA Manual on Uniform Traffic Control Devices (MUTCD); the Highways Design and Operations Manual; Roadway Design Manual; Hydraulic Design Manual; Highway Capacity Manual; the AASHTO A Policy on Geometric Design of Highways and Streets; ADA Accessibility Manual; Hike and Bike Trail Design Manual; Multi-Use-Path Design Manual; and AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities.

### EDUCATION

Master of Science,  
Civil Engineering,  
Texas A & M  
University of  
Kingsville, 1996

Bachelor of Science,  
Civil Engineering,  
Texas A & M  
University of  
Kingsville, 1994

### PROFESSIONAL REGISTRATIONS

Professional Engineer,  
TX, No. 89252, 2002

Professional Engineer,  
PA, No. PE083832,  
2015

Professional Engineer,  
Utah, No. 7617449-  
2202, 2010

### INDUSTRY TENURE

22 Years

### HDR TENURE

14 Years

### RELEVANT EXPERIENCE

#### **TxDOT San Antonio District/San Miguel Electric Cooperative, FM791, San Antonio, TX.** QA/QC Manager.

HDR's scope of services included three phases: Phase 1 - Development of preliminary schematic and environmental study, Phase 2 - Development of plans, specifications, and estimates (PS&E), and Phase 3 - Construction phase services. The scope involved development of the preliminary engineering and PS&E construction documents, which included roadway plans and intersecting streets; bridge plans, culvert and storm sewer plans; traffic control plans with staged construction of bridge structures; signing and pavement marking plans; and extensive utility and intercity/interagency coordination.

#### **City of Round Rock, Gattis School Road Intersection, Round Rock, TX.** QA/QC Manager.

HDR made recommendations for interim and long-term improvements for the intersection of Gattis School and South Mays. The scope of services included preparation of a PS&E package for the interim short-term

improvements recommended by HDR and approved by the City and ultimate schematic for a six-lane facility from Gattis School Road to west of AW Grimes Blvd. where there is an existing six-lane configuration.

#### **Reconstruction of IH-35 Service Road and FM 1431, Widening FM 1431 to Westinghouse Road.** QA/QC Manager.

HDR provided schematic design and final PS&E for an IH-35 frontage road upgrade ramp reversal and turnaround bridge. The project extended over 9,000 feet and included the design of a retaining wall at one end of the existing bridge that accommodated a bypass frontage road at Chandler Road. The turnaround bridge used high strength steel to span across seven lanes of the interstate highway.

#### **City of Universal City, Kitty Hawk Road Reconstruction, Universal City, TX.** QA/QC Manager.

HDR provided design services for the reconstruction of Kitty Hawk Road. The project included concrete curbs, sidewalks, driveways, culvert replacement, and drainage.

## PHAISARN CWATANAPHOL, PE (CONTINUED)

The existing roadway from Pat Booker Road to Loop 1604 was approximately 64-feet wide with two lanes in each direction, a raised median, and turn-lanes for the majority of the roadway limits. HDR prepared the traffic control plan, roadway horizontal and vertical geometry, culvert design, storm sewer design, signing and striping, SW3P, cost-estimating and quantities, and specifications.

**Bexar County, Bulverde Road Reconstruction - Phase I, San Antonio, TX.** QA/QC Manager. HDR was selected by Bexar County for the Bulverde Road reconstruction project. The project consisted of roadway and drainage improvements from US 281 to Smithson Valley Road and was approximately 0.75 miles in length. The roadway design provided a 56-foot wide pavement section with two lanes of traffic in each direction. The drainage improvements included re-alignment of the Elm Waterhole Creek new bar ditches and cross-drainage structures.

**TxDOT San Antonio District, Loop 1604, FM 78 to Graytown Road, Bexar County, TX.** Project Engineer. HDR assisted with the development of PS&E for Loop 1604 from FM 78 to Graytown Road. The project consisted of engineering services required to prepare PS&E for Loop 1604 from FM 78 to Lower Seguin Road (3.135 miles). The two-lane roadway was expanded to a four-lane divided urban arterial using 4R design criteria. Services included preparation of environmental documents, freeway, roadway and bridge design, hydrologic and hydraulic design, pavement markings and signalization.

**City of New Braunfels, Walnut Avenue Reconstruction, New Braunfels, TX.** QA/QC Manager. HDR provided design services for the reconstruction of Walnut Avenue. The project included concrete curbs, sidewalks, driveways, bridge replacement, and drainage. The existing roadway from SH 46 to IH-35 was approximately 50-feet wide with two lanes in each direction with sidewalks, raised median, and turn-lanes for the majority of the 1.5 miles roadway. HDR prepared the traffic control plan, roadway horizontal and vertical geometry, culvert design, storm sewer design, sidewalks, landscape, signing and striping, SW3P, cost-estimating and quantities, and specifications.

**TxDOT San Antonio District, Vance Jackson Low-Water Crossing, San Antonio, TX.** QA/QC Manager. The project provided engineering and construction phase services for the low-water crossing with sidewalks on Vance Jackson Ave. The project eliminated the low-water crossing on Vance Jackson and consisted of culvert bridge improvements by the replacement of the existing 1-24" RCP and 2-7'x3' MBC with 3-10'x5' MBC. The project also included channelization, both concrete and earthen, upstream, and downstream channel improvements from the proposed bridge culvert crossing. HDR prepared the traffic control plan, roadway horizontal and vertical geometry, culvert design, storm sewer design, signing and striping, SW3P, cost-estimating and quantities, and specifications.



## Bill Brudnick, PE

### Schematic Design

Bill has over 32 years of experience in the transportation industry. He has managed the development of numerous schematic and environmental studies for both off-system and on-system facilities and conducted public meetings and hearings. He has developed diagrammatics, alternative alignments and addressed comments from the various stakeholder groups, including local governments, neighborhoods, business owners, and public and private landowners so that a recommended alternative and schematic design could be finalized.

### EDUCATION

Bachelor of Science,  
Civil Engineering,  
Texas A&M  
University

### PROFESSIONAL

#### REGISTRATIONS

Professional Engineer,  
TX, No. 70000

### INDUSTRY TENURE

32 Years

### HDR TENURE

< 1 Year

### RELEVANT EXPERIENCE

**TxDOT Houston District, FM 517 from IH 45 to FM 3436, Houston, TX.** This project included the reconstruction and widening of a 2-lane rural facility to a 4-lane divided facility with a continuous left turn lane. The selected alternative was to build within the existing right-of-way (ROW). Therefore, minimizing various impacts within the city by utilizing a curb and gutter facility with storm sewer as opposed to a rural roadway section. Bill established horizontal and vertical alignments within existing ROW constraints while providing access to businesses and private landowners. He avoided major utility adjustments to minimize costs. The facility also accommodated both pedestrian and bicycles. Bill prepared schematic, conducted public meetings and hearings, coordinated with railroad, and avoided impacts to parkland.

**TxDOT Houston District, FM 2100 from FM 1960 to Diamondhead Blvd, Houston, TX.** This project included the widening of a 4-lane facility with raised median. Bill prepared the schematic and conducted public meetings and hearings. Challenges included history of head on collisions therefore raised medians were added for increased safety. Where

access could be provided safely, bi-directional access (median breaks) were provided. Intersections were modified to accommodate increased traffic turning movements. The recommended alternative required ROW acquisition.

**TxDOT Houston District, SH 242 from IH 45 to US 59, Houston, TX.** This project included the reconstruction and widening of a 2-lane rural facility to a 4-lane divided facility. Set horizontal and vertical alignments based on existing ROW. Project included a grade separation at FM 1314 and the addition of both pedestrian and bicycle accommodations. Alignments were set to avoid wetland impacts, therefore, avoiding USACE permits and mitigation while still meeting project deadlines. Hydraulic design was critical in this flood prone area; therefore, detention was required.

**TxDOT Houston District, I-69, US59 from SH99 to Spur10, SH36, Houston, TX.** Widen freeway and add managed lanes. Project included several major grade separations and the addition of frontage road sections. Major profile modifications were made due to comments received at the public hearing. The mainlane



**BILL BRUDNICK, PE (CONTINUED)**

cross section was modified from a depressed mainlane section over a railroad crossing to a section going over the railroad. This eliminated a costly shoefly, pump stations and expedited construction while eliminating any possible flooding issues. Due to the addition of the frontage roads, we worked with land owners and developers to provide access. We also converted the two-way frontage roads to one-way to provide better safety.

**TXDOT Houston District,  
Director of Transportation,  
Planning and Development  
(TP&D) 2014- 2019**

Bill was the Director of Transportation Planning and Development for TxDOT Houston District where he was responsible for planning, project development, right-of-way, design and programming activities. He was responsible for the largest letting volume in the State of Texas. He coordinated all project planning activities, oversaw project development and was responsible for preparation of the construction plans while verifying sound engineering principals, practices and methods.

Bill oversaw the preparation of schematics and environmental studies and was responsible for conducting public meetings and hearings for the various projects within in the Houston district area. In addition, he coordinated with the local (MPO) to develop annual work programs and long-range and short range transportation plans.



## Felipe Tudtud, PE

### Roadway Design

Felipe has over 15 years of transportation experience throughout Texas including schematic and final design PS&E projects for TxDOT, County, and municipal clients. His experience includes schematic development of horizontal and vertical geometry as well as detail design of roadway projects, traffic control plans, drainage design, signing/pavement markings, and quantity estimates.

### EDUCATION

Bachelor of Science,  
Civil Engineering,  
University of Texas at  
Austin

### PROFESSIONAL

#### REGISTRATIONS

Professional Engineer,  
TX, No. 104836

### INDUSTRY TENURE

15 Years

### HDR TENURE

8 Years

### RELEVANT EXPERIENCE

**Williamson County, Corridor C SH 29 Bypass from SH 130 to SH 29, Georgetown, TX.** Roadway Task Lead. This project included the schematic development of a 4.5 mile new alignment access control facility including mainlanes, frontage roads, three major freeway interchanges, eight direct connectors, and shared use path for Williamson County. Project responsibilities included horizontal and vertical alignments, retaining wall locations, vertical clearance calculations, typical sections, cross section, quantities and estimate, coordination with other task leaders and subconsultants.

**City of Georgetown, Wolf Ranch Parkway, Georgetown, TX.** Project Engineer. Felipe was the lead for both roadway and drainage tasks for the schematic and PS&E. The schematic was for a new five lane minor arterial ultimate section and the design consisted of the horizontal and vertical alignment and cross section generation. The PS&E consisted of using the horizontal and vertical alignment of the ultimate section. Responsibilities included horizontal and vertical alignments, temporary and permanent water quality best management practices design, cross culvert analysis and design, SW3P, signing

and striping, cross section generation, quantities and cost estimate, and coordination with environmental subconsultants.

#### **City of Georgetown, Southwest Bypass, Georgetown, TX.**

Lead Schematic Engineer. This project included the design of a 6-lane divided highway from RM 2243 to SH 29 west of IH-35. Performed alternative alignments to avoid karst features, cross section generation of the divided highway, preliminary water quality features, quantities and cost estimates.

#### **City of Round Rock, Kenney Fort Blvd (Arterial A), Round Rock, TX.**

Drainage Task Lead and Lead Project Engineer. This project included a new 6-lane major divided arterial which consisted of curb and gutter, shared use paths, retaining walls, two bridge structures, and a close storm sewer system from Joe DiMaggio Blvd to Forest Creek Dr. Responsibilities included roadway drainage design, refinement of the horizontal and vertical alignments, cross section generation (including writing criteria files) retaining wall layouts, signing and striping, SW3P, quantities and estimates, coordination with subconsultants and surveyor.

## FELIPE TUdTUD, PE (CONTINUED)

**TxDOT Lufkin District, US 59 from FM 2914 to SL 573, Shepherd/Cleveland, TX.** Project Manager. This project included the schematic development of a 6.6 mile US highway conversion to future Interstate facility including mainlanes, frontage roads, two overpasses, ramps, six creek crossings, and multiple wetland crossings for TxDOT Lufkin District. Project construction cost estimate is approximately \$130M. Project responsibilities included internal and external project meetings, schedule, budget, and quality of the design.

**TxDOT Austin District, I-35 from RM 2243 to Inner Loop, Georgetown, TX.** Deputy PM and Roadway Task Lead. This project included the schematic development of a 0.9 mile urban interstate interchange including SB frontage road, braided ramps, cross street improvements, and shared use path for TxDOT Austin District. Project responsibilities included all horizontal and vertical alignments, 3-D model, retaining wall locations, vertical clearance calculations, traffic control plan, typical sections, cross section, quantities and estimate, coordination with other task leaders and subconsultants.

**TxDOT Austin District, I-35 from Rundberg Lane to US 290E, Austin, TX.** Deputy PM and Roadway Task Lead. This project included the schematic development of a 1.2 mile urban interstate facility including frontage roads, two major freeway interchanges, four direct connectors, two collector distributors, and shared use path for TxDOT Austin District. Project responsibilities included all horizontal and vertical alignments, 3-D model, retaining

wall locations, vertical clearance calculations, traffic control plan, typical sections, cross section, quantities and estimate, coordination with other task leaders and subconsultants.

**TxDOT, US 59 from North of Neches River to FM 2108, Diboll, TX.** Roadway Task Leader and later Project Manager. This project included the schematic development of an 8 mile relief route located in Angelina County. The new US 59 Relief Route (known as Diboll Relief Route) was designed to meet interstate standards and consisted of seven grade separated interchanges, frontage roads, and one direct connector. Project responsibilities included all horizontal and vertical alignments, 3-D model, vertical clearance calculations, typical sections, cross section, retaining wall locations, large guide signs, quantities and estimate, coordination with other task leaders, subconsultants, and city.

**TxDOT Austin District, Loop 82 Reconstruction Project, San Marcos, TX.** Drainage Task Lead and Roadway Project Engineer. This was a railroad grade-separation project. The project included the reconstruction of the five-lane roadway with an at-grade crossing of the Union Pacific Railroad as a railroad grade-separation. Performed the roadway storm sewer drainage design, cross section generation, and assisted in the refinement of the horizontal and vertical alignment of the roadway.





## David Hohmann, PE

### Structural Planning & Design

David has over 35 years of bridge design and project management experience throughout the state of Texas. David was a senior bridge design engineer, the Director of Bridge Design, and the Director of the Bridge Division during his 29 year tenure with TxDOT. As the Director of the Bridge Division, he had statewide oversight responsibilities for bridge-related project development, design, construction, and inspection activities. He managed resources on large bridges over water, interchange and viaduct projects totaling over \$1B.

### EDUCATION

Bachelor of Science,  
Civil Engineering  
(Structures),  
University of Texas,  
1982

### PROFESSIONAL

#### REGISTRATIONS

Professional Engineer  
- Civil, No. 60983

#### INDUSTRY TENURE

36 Years

#### HDR TENURE

7 Years

### RELEVANT EXPERIENCE

#### **Williamson County, Southwest Bypass and City of Georgetown, Southwest Bypass and Wolf Ranch Parkway, Georgetown, TX.**

David was Project Manager and Structural Task Lead responsible for the plan, specifications and estimates (PS&E) for the two-lane interim configuration consisting of right of way (ROW) determination, geometric design, retaining wall design, bridge structures, signing and striping, drainage design, water quality and TCEQ permitting, erosion control, traffic control phasing, and utility and railroad coordination all according to TxDOT standards and specifications. PM responsibilities included TxDOT, GEC, City of Georgetown, Williamson County, and subconsultant coordination, QA/QC coordination, design scheduling, construction scheduling, estimate of probable construction costs, and bid phase services.

**TxDOT, Statewide Bridge Design Indefinite Delivery and Indefinite Quantity Contract, Statewide, TX.** Project Manager and Structural Task Lead. This was TxDOT Bridge Division's statewide IDIQ contract to develop complete bridge and roadway PS&E projects for both On- and Off-system bridges.

These services include preparing roadway and bridge design, hydrologic and hydraulic design, traffic signal design, survey, geotechnical data collection, and construction phase services necessary to support the design process. To date, HDR has been assigned five separate work authorizations for fourteen bridges from around the state. These bridges are primarily convention TxDOT bridges with prestressed concrete beam superstructures and a combination of cast-in-place drilled shafts and precast concrete driven piling foundations. Most of the projects are funded by and subject to the federal-aid program that provides funding to enable states to improve the condition of highway bridges through replacement, rehabilitation and systematic preventive maintenance known as the Highway Bridge Program (HBP). Services provided include structural design, constructability review, construction phase services, construction scheduling and critical path development, drainage design, roadway design, geotechnical design, and traffic control plans.

## DAVID HOHMANN, PE (CONTINUED)

### **TxDOT Austin District, US 183 at IH 35 Direct Connector Project, Travis County, TX.**

Project Manager. HDR was the EOR for the IH35 NB to US183 NB direct connector. HDR designed the replacement structure and planned the demolition of a portion of the existing post-tensioned segmental bridge. HDR designed the extended replacement spans needed to increase the bridge length and flatten the steep grade that is problematic for larger vehicles and tentative drivers. The new design included TxDOT U-Beam superstructure elements, highly aesthetic bents to complement the existing aesthetic bents, and post-tensioned bridge substructure elements to accelerate construction. The direct connector is over 1,400 ft long with 50 ft tall, single column bents. The design was completed in 2017 with an expected opening in 2021.

### **IH35E Managed Lanes Design-Build Project, Dallas, TX.**

Structural Design Lead. \$1 billion corridor improvement project. Supervise professional/technical staff in the production of bridge plans for more than ninety bridges. The bridges required a final load rating and all widenings required an as-built load rating.

### **TxDOT Austin District, Lake Marble Falls Bridge, US 281, Marble Falls, TX.**

TxDOT Bridge Division Design Section Director. The Lake Marble Falls Bridge is a balanced-cantilever post-tensioned segmental bridge with a construction cost of \$29.7 million. David was directly involved in the overall management of the project's design resources, construction cost estimates for the bridge alternates, and meeting all funding eligibility criteria. In

addition, he was the primary point of contact on design and funding issues with the Federal Highway Administration and a co-leader of the Value Engineering Team that considered the bridge alternatives and the project criteria during the early phase of the project.

### **TxDOT Fort Worth District, West 7th Street Bridge, Fort Worth, TX.**

TxDOT Bridge Division Design Section Director. The West 7th Street Bridge replacement project is \$25.7 million made up by a series of precast concrete network arch spans over a park and flood-controlled river. As the TxDOT Bridge Division Design Section Director, David was the manager in charge of section that performed the structural design and construction cost estimates for the bridge and all alternates. He was also responsible for satisfying all funding eligibility criteria for the project. In addition, he was TxDOT's primary point of contact on both the complex design and the multi-sourced funding coordination with the City of Fort Worth and the Federal Highway Administration.

### **TxDOT Austin District, U.S. 183 Elevated, Travis County, TX.**

Project Manager. Managed and oversaw this massive urban project that includes the interchange at US 183 and IH 35 and the elevated freeway in North Austin from IH 35 to just south of Burnet Road. The bridges cover 1.4 million square feet and were built for \$60 million. The direct connectors are precast balanced cantilever segmental and the main lanes are span-by-span precast segmental construction. David managed the preparation of structural PS&E and also coordinated construction issues and shop plan approval throughout project construction.



## Brandon Hilbrich, PE, CFM

### Drainage Planning and Design

Brandon has 10 years of experience in hydrology and complex hydraulics for traditional drainage and transportation drainage projects. He has served as the lead drainage design engineer, task lead, and QC lead on TxDOT Schematic and PS&E projects in the Austin, Beaumont, Bryan, El Paso, Houston, San Antonio, and Tyler Districts. His experience ranges from off-system bridge replacements to complex feasibility studies including detention and two-dimensional analyses, bridge scour analysis and protection, FEMA floodplain mapping and coordination, development of detention chapters for the TxDOT Hydraulic Manual, and development of digital 3D design cells for TxDOT drainage systems. Mr. Hilbrich is experienced in the specialized software programs of ArcGIS, HEC-GeoRAS, AutoCAD, HEC-HMS, HEC-RAS (1D & 2D), PondPack, FlowMaster, CulvertMaster, CivilStorm, and XPSWMM (1D & 2D). He is experienced in developing construction plans, estimates, and specifications for roadway and drainage infrastructure projects.

### EDUCATION

Master of  
Engineering, Texas  
A&M University

Bachelor of Science,  
Civil Engineering,  
Texas A&M  
University

### PROFESSIONAL

#### REGISTRATIONS

Professional Engineer  
TX, No. 112938, TX

Certified Floodplain  
Manager, No. 1849-  
10N

### INDUSTRY TENURE

10 Years

### HDR TENURE

4 Years

### RELEVANT EXPERIENCE

**Williamson County, Southwest Bypass: FM 2243 to IH-35, Williamson County, TX.** Water Resources Engineer. As the H&H task lead, Brandon was responsible for designing the required detention and retention basins for the Phase I, Phase II, and ultimate condition roadway project. Analyses included developing existing and proposed flow conditions and sizing each detention/retention basin using design flows and/or historic rainfall data as a quarry is located within the project area, providing unique constraints. Evaluated floodplain impacts to one FEMA regulated Zone AE floodplain within the Phase I project limits which required coordination with the local Floodplain Administrator.

**TxDOT Austin District. Central Texas Turnpike System Capital Improvement Planning Study. Travis and Williamson Counties, TX.** Complex Drainage Lead. Led external drainage feasibility analysis for roadway expansion Schematic project on Loop 1 (3.1 miles), SH 45N (11 miles), SH 130 (46 miles), and SH 45 SE (7

miles) in Travis and Williamson Counties. Efforts included coordinating with several regulatory agencies and local Floodplain Administrators to acquire available effective H&H models, cataloging over 300 cross drainage structures based on survey and as-builts, and developing existing conditions HEC-HMS hydrology and HEC-RAS hydraulic models for over 100 minor culverts, bridge-class culverts, and bridges in conformance with the TxDOT HDM. Additionally, developed approach to implement hydrology methodologies as outlined in the HDM with new NOAA Atlas 14 rainfall data. Approach included the development of intensity-duration-frequency and depth-duration-frequency curves for four site specific rainfall zones along the project corridor.

**TxDOT Fort Worth District. SH 183 at UPRR. Tarrant County, TX.** Drainage Design Lead. Led internal and external drainage design efforts for roadway underpass reconstruction PS&E project on SH 183 near Lebow



**BRANDON HILBRICH, PE (CONTINUED)**

Channel in Tarrant County. Efforts included evaluating necessary channel improvement and floodplain impacts in HEC=HMS and HEC-RAS due to roadway improvements. Identified flood mitigation alternatives and channel scour countermeasures.

**TxDOT Fort Worth District. SH 101. Wise County, TX.** Complex Drainage Lead. Led H&H modeling efforts for roadway expansion PS&E project for approximately 1 mile of SH 101 south of FM 1810 in Wise County. Complex H&H efforts included performing an impact analysis to downstream structures and evaluating mitigation solutions including linear detention along roadside ditches. Modeling was performed in HEC-HMS to account for channel routing and storage.

**TxDOT Bryan District. Off-System Bridge Replacements. Burleson County, TX.** Drainage Task Lead. Led hydrology and hydraulic modeling and design efforts for three off-system bridge replacement PS&E projects at Oak Branch, Porter Branch, and Birch Creek in Burleson County. Efforts included developing flowrates, 1D HEC-RAS hydraulic models and bridge scour in accordance with hydraulic design manual. Completed impact analysis beyond TxDOT ROW and coordinated with local Floodplain Administration on FEMA floodplain impacts.

**TxDOT Beaumont District. On-System and Off-System Bridge Replacements. Newton & Hardin Counties, TX.** Drainage Task Lead. Led hydrology and hydraulic modeling and design efforts for two off-system bridge replacement PS&E projects at CR 4212 at Sabine River Branch in Newton County and Village Creek

Road at Village Creek Branch in Hardin County. Efforts included developing flowrates, 1D HEC-RAS hydraulic models and bridge scour in accordance with hydraulic design manual. Completed impact analysis beyond TxDOT ROW and coordinated with local Floodplain Administration on FEMA floodplain impacts.



## Teri Morgan, SR/WA, R/W-NAC, R/W-RAC

### Right of Way Services Lead

With a successful career spanning 45 years in the right of way industry, Teri has earned three of the most respected designations in the industry sponsored by the International Right of Way Association (IRWA): Senior Right of Way Designation (SR/WA); Relocation Assistance Certification (R/W-RAC); and Negotiation Certification (R/W-NAC). She has 11 years of public sector management experience and has experience directing public works and transportation projects, often utilizing Federal, State and local funding sources. Teri has overseen and successfully managed 145 projects with over 2,700 acquisitions and relocations, plus numerous utility adjustments. She has been honored with numerous awards and accolades for outstanding performance, efficient services, and leadership.

### EDUCATION

Undergraduate  
Studies in Real Estate,  
Austin Community  
College

International ROW  
Association

### PROFESSIONAL REGISTRATIONS

SR/WA -  
International Right of  
Way Association

R/W-NAC  
Negotiation and  
Acquisition

R/W-RAC Relocation  
Assistance Certified

Real Estate Broker  
License, Texas, No.  
479121

Notary Public, Texas,  
United States

### INDUSTRY TENURE

45 Years

### HDR TENURE

17 Years

### RELEVANT EXPERIENCE

**Public Agency ROW (ROW) Experience.** Much of Teri's success can be traced back to her career with Travis County and the City of Austin, Texas. As a ROW Supervisor for Travis County's Department of Public Improvements and Transportation Department, she was responsible for some 39 on-going projects involving 600 parcels, coordinated the division's contract consultants, and directed all phases of ROW acquisitions for the county. As Assistant Real Estate Manager for the City of Austin's Department of Public Works and Transportation, she supervised the division's employees, prepared budgets and project schedules, and managed over 100 on-going projects (many with federal funding) with over 800 acquisitions parcels and 100 relocations. Teri also completed acquisitions, residential and business relocations, and supervised the division's special teams for the land acquisition of the Austin-Bergstrom International Airport.

### TxDOT Austin District, SH 130 (Segments 1- 6), Central TX.

Project Manager. Teri served as Project Manager for ROW for the 90-mile SH 130 project. This project included 800 acquisitions and 550 relocations. She managed and coordinated efforts for the acquisition of parcels and residential and business relocations. To maintain consistency in the work product, streamline processes, and maximize efficiency and effectiveness, Teri and her team developed flowcharts, documentation, checklists and workshops for the project. They reviewed all incoming packages from the developer for completeness, accuracy, and compliance with the Uniform Relocation Act and TxDOT's policy and procedures manual. They coordinated administrative settlement reviews, provided support for the database, reviewed and processed appraisals, oversaw property management activities, and processed payments. As an integral part of the eminent domain process, Teri's team worked diligently with the developer, TxDOT's Division office, and the Attorney

## TERI MORGAN, SR/WA, R/W-NAC, R/W-RAC (CONTINUED)

General's office to keep the acquisition process moving forward. These efforts included services for jury trial, such as tracking of condemnation status and support in eminent domain activities for hearings and trials and the contracting of expert witnesses.

**TxDOT Austin District, State Highway 45SE, Austin, TX.**

Project Manager. As Project Manager for ROW/utilities, Teri and her team were given a tight schedule and budget to manage negotiations, relocation, eminent domain, and utility adjustment for over 30 parcels and two relocations on behalf of TxDOT. The scope of services included managing negotiation of Possession and Use Agreements and Rights of Entry.

**TxDOT, IH 35 Corridor Improvement Plan Project, Williamson County/Bell County line to IH 35 Split in Hillsboro, TX.**

Project Manager. As the Project Manager for the management consulting activities of the project, Teri led the HDR ROW and utility team in tracking over 900 parcels, 500 relocations, and 600 utility adjustments. Her responsibilities included working closely with the TxDOT Negotiators, TxDOT ROW Division, and the Attorney General's office to verify that all procedures were followed with each parcel going to condemnation. Tasks included preparation of TxDOT's required forms for submission to the Transportation Commission, assistance to the Attorney General in petition review, filing petitions, giving notice to property owners and their attorneys, setting Commissioner Hearings, attending

Commissioner Hearings, reporting results of the hearings to TxDOT, and posting award so that TxDOT could obtain possession of the ROW.

**TxDOT San Antonio District, SH 46 Expansion, Spring Branch and Bulverde, TX.**

ROW Project Manager. The existing 100-foot ROW was not wide enough to handle the proposed six-lane roadway expansion that required 120 feet. HDR was contracted to manage the acquisition of ROW along the SH 46 corridor. Teri and the HDR Team are meeting TxDOT's required schedule and budget, while negotiating the 90 parcels required for the project. HDR was contracted to perform the following tasks for the project: negotiations, relocation of business and residential displacees, appraisals and appraisal review, plus eminent domain support services with the Attorney General's Office.

**TxDOT Austin District, Loop 82, San Marcos, TX.**

ROW Project Manager. Loop 82 was a road widening project that consisted of 10 acquisition parcels that included negotiations for property needed from a strip center, Texas State University, and Union Pacific Rail. As the ROW Project Manager, Teri led the HDR ROW Team to successfully negotiate with property owners. Only one parcel went to Condemnation due to title issues with Union Pacific Rail. Services provided included: appraisal, appraisal review, land planning, negotiations, title curatives, relocations, property management, closings, eminent domain, QA/QC, Tracking and Reporting, and Document Control.

**M. STEPHEN TRUESDALE, R.P.L.S., L.S.L.S. - TX, PLS – NY  
SURVEYING LEAD**

## **PROFESSIONAL REGISTRATION**

**Registered Professional Land Surveyor**, No. 4933, Texas, 1991

**Licensed State Land Surveyor**, Texas, 2001

**Professional Land Surveyor**, No. 050703, New York, 2008  
(inactive)

## **TxDOT Precertification Data**

Firm Sequence Number: 1997

Employee Sequence Number:  
5633

Precertification Categories:

15.1.1, 15.1.2, 15.1.3, 15.1.4,  
15.2.1, 15.4.1, 15.5.1

## **EDUCATION**

**Bachelor of Science**, Wood Products Engineering/Construction Management, State University of New York, College of Environmental Science and Forestry, Syracuse, New York, 1981.

**Associate in Applied Science**, Forest Technology, State University of New York, College of Environmental Science and Forestry, New York State Ranger School, Wanakena, New York, 1978.

Additional course studies in forestry, mathematics, land surveying, environmental sciences, and humanities at Paul Smith's College, Paul Smiths, New York, and Canton Agricultural and Technical College (SUNY System), Canton, New York, 1976-1979.

## **CONTINUING EDUCATION (sample)**

Land Surveying Principles and Practice - 2018

Surveying Boundary Law Essentials - 2017

Gradient Boundary Surveying Seminar - 2016

Exploring Texas Boundaries - 2015

Boundaries – Ethically Determined 2014

Surveyor's Reporting 2013

Tracking the Railroads 2013

Abstract and Research Strategies 2011

GNSS, Map Projections and SPCs 2010

FAA Private Pilot/Single Engine/Land

FCC Licensed Ham Radio Operator KD5JPU

Numerous courses in project management, personnel management, and professional development related to surveying practice and boundary reconstruction, CPR Certified, Railroad Safety Certified, AOPA Safety Seminars, Wilderness First Aid

## **PROFESSIONAL/TECHNICAL SOCIETIES**

Member, Texas Society of Professional Surveyors

Member, New York State Association of Professional Land Surveyors

## **EXPERIENCE**

Mr. Truesdale possesses a broad range of operational and project management experience in the field of land surveying spanning 33 years, including roadway design and right-of-way acquisition surveys, utility line route surveys and easement preparation, surface mining reclamation design and quantity surveys, site engineering surveys, aerial mapping control surveys, topographic and boundary surveys and large-scale control surveys.

Some past projects representative of Mr. Truesdale's experience include:

**FM 1460:** Project involved major realignment of FM 1460 from Old Settler's Blvd. in Round Rock, TX. to Quail Creek Blvd in Georgetown, TX. The project included engineering design and right-of-way surveys for approximately 5.5 miles of highway construction. Right-of-way parcel sketches with legal descriptions and highway strip maps were prepared for the length of the project. Managed sub-



consultants for aerial mapping and provided high accuracy ground control. >\$350K POC: TxDOT Georgetown Area Engineer's Office

**SH 130 Segment Three Right-of-Way Acquisition from US 290 to SH 71.** Extensive boundary analysis and right-of-way parcel preparation for approximately 80 parcels to TxDOT standards along 15 miles of new highway construction under the design/build concept. >\$1.1M POC: Lone Star Infrastructure, 2004-2006

**FM 2338 Engineering Design and Right-of-Way Acquisition Project,** Georgetown, TX. Topographic data collection and boundary analysis of 67 parcels from Cedar Breaks Road to FM 3405 on FM 2338. \$110K POC: TxDOT Georgetown Area Engineer's Office, 2003-15

**IH 35 at Hester's Crossing,** Round Rock, TX. Engineering Design topographic mapping and right-of-way acquisition for the Hester's Crossing Overpass and southbound ramp reversal project connecting to SH 45 Interchange. \$138K POC: City of Round Rock, 2007-2008

**City of Pflugerville – SH 130 WW Interceptor Project,** design topographic route survey for 22K LF of new WW interceptor line from Pflugerville Parkway, cross country, to WWTP south of East Pecan Street. Project includes extensive data collection for DTM integration using GPS VRS and conventional survey techniques. Easement acquisition surveys and production of plats and descriptions for over 13 parcels. >\$176K, POC: City of Pflugerville, 2017-present

**City of Round Rock – IH 35 Ramp Reversal Project,** Round Rock, TX: Engineering design surveys and alignment determinations for IH-35 for design of ramp removal and replacement (enter/exit reversal) from FM 3406 to Brushy Creek Bridge. >\$73K POC: City of Round Rock/Georgetown Area Engineer's Office, 2014

**I14 Route Assessment Project,** ROW research and reconstruction plotting (GIS input) for projected routing of future I14 Strategic Highway from TX-LA border to Iraan, TX (540 miles) along the general route of US 190. Project included video acquisition of route in both directions for asset inventory purposes. POC: TxDOT - 2017

**City of Hutto - Mager Lane Improvement Project** — approx. 6500 feet of route survey for design of roadway and drainage improvement from FM 1660 to CR 132. Project included preparation of 6 acquisition documents. \$58K POC: City of Hutto, 2014

**FM 619 ROW Acquisition Project** - Extensive boundary analysis and right-of-way parcel preparation for approximately 16 parcels including preparation of ROW Plan Set to TxDOT standards along FM 619 from US 79 to FM 1331 in Williamson County, TX. 2018

Other projects include numerous Off System Bridge sites throughout Williamson County, turn lane and signal design surveys, aerial mapping control surveys, utility location surveys, railroad grade separation and crossing surveys in the central Texas area, Original Land Grant retracement surveys for Texas General Land Office.



**JASON SCHWARZ, PE**  
**Geotechnical/Construction Materials Project Manager**

**Education**      BS, Civil Engineering, The University of Texas at Austin, 2002

**License**          Professional Engineer, Texas – No. 99343

**Experience Summary**

Mr. Schwarz has more than 16 years of experience in performing soil analysis testing as part of geotechnical field investigations and laboratory analyses. He has detailed analyses from investigations into final reports used during design and construction phases for hundreds of projects. Mr. Schwarz has performed and is knowledgeable of conducting laboratory and field testing in accordance with ASTM, TxDOT, NICET, and AASHTO specifications.

**Relevant Project Experience**

***IH35: Chandler Road to Westinghouse Road, Round Rock, Texas.*** Field Engineer during the geotechnical study for the proposed widening of the service road along IH 35, from South of Chandler Road to north of Westinghouse Road, for a total project length of 0.34 miles.

***SH 71 at US 183 Interchange, Austin, Texas.*** Project Manager for geotechnical engineering services for the replacement of the US 183/SH 71 cloverleaf interchange with a multi-level interchange with direct connectors. Construction consisted of a six- to eight-lane divided urban freeway facility with two- to four-lane frontage roads in both directions, eight direct connectors, eight exit/entrance ramps, riverside overpass, and u-turn structures of SH 71, SH 71 overpasses of frontage roads, and the US 183 overpasses of SH 71 and frontage roads.

***IH 35: RM 620 to McNeil Road, Austin, Texas.*** Project Manager for a geotechnical investigation along IH 35 from RM 620 to McNeil Road in Williamson County, Texas. The project involved the construction of a north-south turnaround, the reconstruction of ramps and widening of two (2) existing frontage road structures along IH 35 between RM 620 and McNeil Road. The purpose of this study was to provide foundation design and construction recommendations for the proposed bridge and the associated retaining walls.

***CTRMA US 290 East Toll Road from SH 130 to FM 973 (Segment 3), Travis County.*** Geotechnical Team Leader for roadway expansion project. Provided geotechnical recommendations for the pavement design, bridges, and retaining walls.

***FM 112 at West Brushy Creek Relief, Williamson County, Texas.*** Project Engineer for a geotechnical investigation to provide design and construction recommendations for deep foundations for the on-system bridge replacements in Williamson County. The project included the replacement of the East Brushy Creek Relief Bridge, which is 20 feet wide and 200 feet long, and the West Brushy Creek Relief Bridge, which is 20 feet wide and 100 feet long.

**RM 1431, Cedar Park, Texas.** Staff Engineer for a geotechnical investigation for RM 1431 improvements, from a two-lane roadway to widening and realigning to a divided highway with two lanes in both directions. Project alignment is 2,000 feet north of Trails End Road to 200 feet southeast of Vista Oaks Drive, approximately 2.5 miles. The investigation provided MSE wall and pavement design recommendations. One segment of RM 1431 included a 45-foot MSE wall supported by rock nails.

**Texas Bagdad Road, FM 2243 to North of CR280, Leander, Texas.** Project Manager providing geotechnical engineering services for the proposed Texas Bagdad Road expansion. The existing section was a rural road 24 feet wide with two lanes and was proposed to be upgraded to an urban section with curbs and gutters 60 feet wide with five lanes.

**Lakeway Drive Bridge at IH 35, Georgetown, Texas.** Project Engineer for the design and construction recommendations for the proposed bridge replacement at Lakeway Drive and IH 35. Scope included drilling ten soil borings to determine subsurface stratigraphy and performing TxDOT cone penetration tests to determine strength of the subsurface materials and to obtain samples for laboratory testing.

**New Hope Road, Cedar Park, Texas.** Project Manager for the geotechnical investigation for 0.62 miles of new road along an existing alignment of New Hope Road, from the eastern edge of the Gann Ranch Subdivision to Lakeline Boulevard, and 0.59 miles of new location roadway from FM 1431 to the eastern edge of Gann Ranch Subdivision.

**Bonita Vista Phase I & II Roadway Improvements, Buda, Texas.** Project Manager for a geotechnical investigation of subsurface soil conditions along distressed pavement for the Bonita Vista Phase I & II Project. HVJ produced a geotechnical report and pavement design recommendations from the results of the investigation. Laboratory testing on select soil samples included moisture contents, Atterberg limits, and percent finer than No. 200 sieves. HVJ provided flexible pavement design using 2.5-inch HMA surface and flexible base.

**Bee Creek Road Extension, Austin, Texas.** Project Manager for a geotechnical analysis needed for pavement design, foundation design, slope stability design and retaining wall design, as required. The project improves existing Bee Creek Road from State Highway 71 to the newly constructed Highland Boulevard. The existing 2-lane road was expanded to a 4-lane arterial with bike lane, sidewalk, raised median, curb/gutter along with drainage/water quality infrastructures. The length of this segment of the road is approximately 1.2 miles

**Heatherwilde Boulevard and Wells Branch Parkway, Austin, Texas.** Project Manager responsible for signing and sealing daily inspection reports and providing engineers concurrence letter at the completion of the project for the four- to six-lane, two-mile long divided highway. Mr. Schwarz oversaw inspection and testing of soils, concrete and asphalt during construction of divided highway with retaining walls, storm drains, construction of a new water line, and water quality ponds.



## **Arin Gray** - Public Involvement Lead

Arin develops and implements public involvement plans to inform, gather input, and gain public consent. She identifies key stakeholders, selects appropriate audience based communication, arranges and facilitates public meetings and workshops, develops marketing materials, meeting exhibits and presentations, and provides media relations. She has expertise in planning and organizing website development, strategic planning, and crisis/issues management.

Arin's approach is an expert combination of proven engagement tools and project specific strategy based on client goals and unique stakeholder needs. Her expertise drives engagement programs that capture a community's values and vision to enhance the technical aspects of a project. Her experience in working on infrastructure projects, transportation planning, and engaging the public in community planning is invaluable in building consent and support of projects, keeping projects moving forward, and promoting clients' missions and values.

### **EDUCATION**

The University of Texas at Austin, BS in Communication Studies Certified  
in the Systematic Development of Informed Consent

### **EXPERIENCE**

2007-Present – President, CD&P, Austin, Texas

2005-2007 – Communication and Public Involvement Specialist, HBMG, Inc., Austin, Texas

2003-2005 – Director of Special Events, Cystic Fibrosis Foundation, Austin, Texas

### **RELEVANT EXPERIENCE**

#### **Williamson County Corridor Projects | Williamson County | April 2017 to Present**

Gray is leading public involvement for two corridor studies as part of the County's Long-Range Transportation Plan. The public involvement program includes intensive outreach and engagement of local communities to gather and incorporate input into the planning process. Gray conducts stakeholder meetings with individuals and community groups, public meetings including facilitated work sessions, and develops strategic messaging, and informational materials and exhibits for the public. The program is successfully generating involvement among residents, with hundreds of community members participating in the process to date.

#### **Austin Avenue Improvements | City of Georgetown | December 2015 to Present**

Gray is implementing a public involvement program to gather public input for improvements along Austin Avenue in Georgetown. This is a controversial project as several businesses and community leaders are concerned of construction impacts while others are concerned with the historical nature and aspects of the bridges. Public outreach activities are being conducted to verify that NEPA requirements are met and to build understanding and support for the ultimate solution. Tasks include developing project materials and web content, utilizing meetings, personal visits, social media, and email updates to reach stakeholders and share updates, and providing public meeting planning, notifications, facilitation, and online access to public meetings.

#### **MoKan/Northeast Sub-regional Plan | CAMPO | March 2018 to Present**

As a subset of the Regional Arterials Plan, Gray leads engagement efforts for the MoKan/Northeast Sub-regional Plan. This plan includes detailed studies of six corridors within Travis and Williamson Counties, including the MoKan corridor, to identify safety and mobility recommendations for the corridors.



Gray developed and implemented a program to involve local and regional planning partners in the plan, including organizing and facilitating a sub-regional bus tour with the project's Technical Steering Committee to take a first-hand look at conditions on the selected corridors. Gray is also responsible for developing and implementing a plan to engage stakeholders in the region, providing project information through stakeholder outreach and communication, open house meetings, project brochures and exhibits, and social media and email campaigns.

#### **City of Austin Corridor Mobility Plans | City of Austin | April 2017 to September 2018**

Gray directed community engagement programs for three studies in Austin's Corridor Mobility Program. This work includes developing and implementing innovative public engagement plans, facilitating public meetings, developing promotional and project materials to promote the plans and opportunities for input, and reporting on results. Program highlights include successes engaging the Spanish speaking community in the process and using strategic social media and online engagement to generate interest and participation.

#### **FM 150 Character Plan | Hays County | November 2013 to October 2017**

Gray led public involvement for a plan to provide additional capacity for FM 150 through western Hays County. The program includes proposals for widening sections of the roadway and for a new location alignment. Arin's efforts included 5 public meetings reaching 600 attendees, facilitating a Citizens Advisory Committee, meeting with property owners and community groups, and collecting over 600 comments from local community members. The successful program resulted in community supported planning elements that address the needs of the growing county, balanced with preservation of community character and values and was adopted by Hays County Commissioners Court in October 2017.

#### **Gattis School Road Widening, City of Round Rock | April 2016 to September 2017**

Gray is leading public involvement for the expansion of Gattis School Road in Round Rock from four to six lanes. The project includes working with stakeholders during the design process to incorporate their input and work through concerns. Public involvement program tasks to date have included facilitating a public meeting and stakeholder meetings; developing meeting notices, project materials, and website content; and providing documentation and summaries of public input.

**Joseph L. Vining, FAICP**  
**Principal**  
**Vining & Associates**

**Resume**

Joseph L. Vining, FAICP has planned, managed, and helped sustain the growth of the City of Round Rock, Texas for the past 39 years. He came to this Austin suburb straight from the Community and Regional Planning Program at the University of Texas at Austin. With his prior governmental and utility experience, he joined the staff of a city destined for growth.

From a population of 13,000 in 1980 to over 100,000 today, Vining managed the full range of city planning experiences as well as leading the city's economic development efforts at both the city and the chamber of commerce. This experience includes the boom and bust economy of the 1980's; balanced fully supported citizen initiatives along with typical NIMBY neighborhood groups; and national publicity resulting from the successful recruitment of industry giants such as Dell Computer. During his tenure at the City of Round Rock, he helped manage the successful development of a significant tax base supported by many high-tech, industrial employers. With the Round Rock Economic Development Partnership, Vining led a team that successfully recruited the Emerson Process Management world headquarters, resulting in over 900 high tech jobs relocating to Round Rock.

During his tenure directing planning for the city, their efforts were recognized a number of times by the Texas Chapter of the American Planning Association. Most notable were state awards for Comprehensive Planning in 2000, Zoning Ordinance Revision in 2002, and the Southwest Downtown Plan in 2005.

In 2011, Vining opened Vining & Associates, LLC, a planning and development consulting firm. He has worked with a wide variety of clients including the Round Rock Independent School District, the City of Cedar Park, Kalahari Resorts, and In and Out Burgers.

Vining was inducted into the College of Fellows of the American Institute of Certified Planners in 2006.

**Education**

- University of Texas at Austin, Master of Science, Community and Regional Planning, 1980
- University of Texas at Austin, Bachelor of Arts, Government, 1978

**Professional Experience**

- Principal, Vining & Associates, 2011-Present
- Interim President/CEO, Round Rock Chamber of Commerce, 2010
- Senior Vice President, Economic Development Round Rock Economic Development Partnership, 2006-2011
- Executive Director of Community Development, City of Round Rock, 2004-2006
- Director, Planning and Community Development, City of Round Rock, 1982 – 2004
- Principal Planner, Planning and Community Development, City of Round Rock 1980 –1982

# **APPENDIX B**

## **DEBARMENT & LICENSING CERTIFICATE**

**DEBARMENT AND LICENSING CERTIFICATION****STATE OF TEXAS**

§

§

**COUNTY OF WILLIAMSON**

§

I, the undersigned, being duly sworn or under penalty of perjury under the laws of the United States and the State of Texas, certifies that Firm named hereinbelow and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency;
- (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public\* transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity\* with commission of any of the offenses enumerated in paragraph (1)(b) of this certification;
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions\* terminated for cause or default;
- (e) Is registered and licensed in the State of Texas to perform the professional services which are necessary for the project; and
- (f) Have not been disciplined or issued a formal reprimand by any State agency for professional accreditation within the past three years.

**HDR Engineering, Inc.**

Name of Firm  
  
 Signature of Certifying Official

**Rashed Islam, PE, PTOE**

Printed Name of Certifying Official  
 Area Transportation Business Group Manager  
 Title of Certifying Official

**March** **26**, 20**19**  
 Date

Where the Firm is unable to certify to any of the statements in this certification, such Firm shall attach an explanation to this certification.

\* federal, state, or local



SUBSCRIBED and sworn to before me the undersigned authority by Rashed Islam  
the Area Transportation of HDR Engineering Inc. behalf of  
said Firm. Business Group Manager.

Christine Massy  
Notary Public in and for the  
State of Texas

My commission expires: 12.27.20

# **APPENDIX C**

## **CONFLICT OF INTEREST QUESTIONNAIRE**

# CONFLICT OF INTEREST QUESTIONNAIRE

## For vendor doing business with local governmental entity

# FORM CIQ

**This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.**

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

### OFFICE USE ONLY

Date Received

**1 Name of vendor who has a business relationship with local governmental entity.**

HDR Engineering, Inc.

**2** ☐ **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

**3 Name of local government officer about whom the information is being disclosed.**

N/A

Name of Officer

**4** Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

☐ Yes ☐ No


B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes ☐ No

**5** Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

**6** ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

**7** Signature is not required if completing in BIDS SYNC electronically;

  
Signature of vendor doing business with the governmental entity

March 26, 2019

Date

# **APPENDIX D**

## **PROPOSAL REFERENCES FORM**



**Supplier Response Form**

## Proposal References

List the last three (3) companies or governmental agencies, where the same or similar goods and/or services as contained in this RFP package, were recently provided by Respondent.

### Reference 1

Client Name:

Williamson County

Location:

Georgetown, Texas

Contact Name:

Bob Daigh, PE

Title:

Senior Director of Infrastruc

Phone:

512-943-3330

E-mail

bdaigh@wilco.org

Contract Date To:

2020

Contract Date From:

2015

Contract Value: \$

\$3.1M

Scope of Work:

Preliminary design, Environmental, Data  
Gathering, Final Design, Bid/Letting, and

### Reference 2

Client Name:

City of San Marcos

Location:

San Marcos, Texas

Contact Name:

Laurie Moyer, PE

Title:

Director of Engineering and

Phone:

512-282-2113

E-mail

lmoyer@sanmarcostx.gov

Contract Date To:

2018

Contract Date From:

2011

Contract Value: \$

\$2.8M

Scope of Work:

Loop 82 UPRR Bridge Overpass Project -  
Reconstruction and development of the schematic,

### Reference 3

Client Name:

City of Round Rock

Location:

Round Rock, Texas

Contact Name:

Bill Stablein

Title:

Project Manager II

Phone:

E-mail

Contract Date To:

Contract Date From:

Contract Value: \$

Scope of Work:



**Please enter your password below and click Save to update your response.**

**Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature.** (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

**By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.**

Username **AngelicaCortez**Password  \*

Save

\* Required fields



710 Hesters Crossing  
Suite 150  
Round Rock, TX 78681  
512.685.2900  
**hdrinc.com**

We practice increased use of sustainable  
materials and reduction of material use.

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