



LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

## DOTD FORM 24-102

CONTRACT NO. 4400027600

STATE PROJECT NO. H.003855.5

F.A.P. NO. H003855

### Entity Contract for Congestion Relief Winfield Road

PREPARED BY



IN ASSOCIATION WITH:

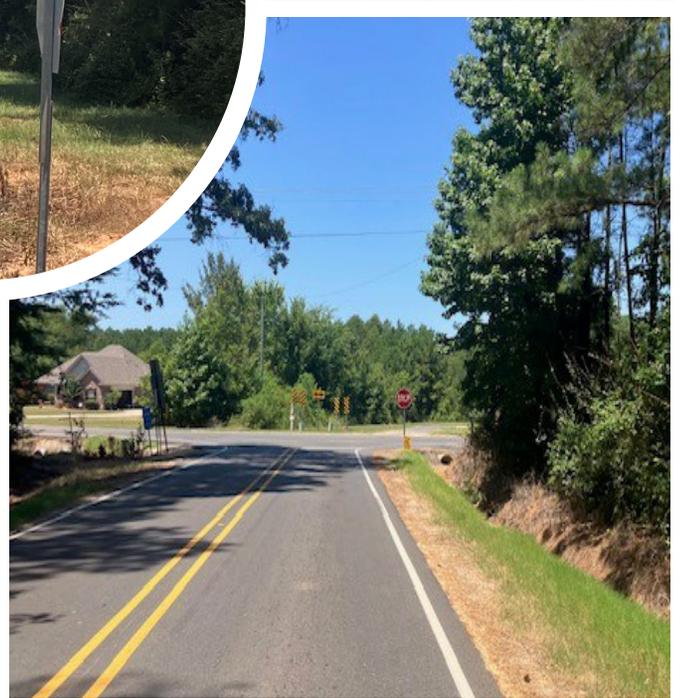
NTB ASSOCIATES, INC.

DAVE RAMBARAN GEOSCIENCES, LLC

KSA ENGINEERING, INC.

HDR ENGINEERING, INC.

VOLKERT, INC.



CHAIRMAN OF THE BOARD  
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CORPORATE SECRETARY  
BRUCE L. BADON, AICP



BURK-KLEINPETER, INC.

ENGINEERING · PLANNING · ENVIRONMENTAL

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DAVID E. BOYD, PE

Over 100 years of service

August 17, 2023

Department of Transportation and Development  
1201 Capitol Access Road, Room 405-E  
Baton Rouge, LA 70802

**RE: CONTRACT NO. 4400027600**  
**STATE PROJECT NO. H.003855.5**  
**FEDERAL AID PROJECT NO. H003855**  
**ENTITY CONTRACT FOR CONG RELIEF WINFIELD ROAD**  
**BOSSIER PARISH**

To Whom it May Concern,

In response to your request for qualifications for the above-referenced project, **Burk-Kleinpeter, Inc. (BKI)**, along with **NTB Associates, Inc.; Dave Rambaran Geosciences, LLC; KSA Engineers, Inc.; HDR, Inc.;** and **Volkert, Inc.** is pleased to submit an electronic PDF of our Statement of Qualifications. We look forward to the opportunity to collaborate with the Department and Bossier Parish Police Jury on this project. The BKI team offers the complete spectrum of capabilities to LADOTD with the technical expertise needed to effectively manage the project, as well as to provide all necessary engineering and related services required for the topographical survey, title/right-of-way, geotechnical, environmental, roadway and bridge design, and QA/QC tasks.

The BKI team understands the importance of an east-west roadway connection in this rapidly growing area of Bossier Parish. As presented in this submittal, BKI has completed many roadway and bridge projects including previous and current projects for LADOTD. The BKI staff assigned in this SOQ have relevant project experience and special training necessary to successfully complete this project. Dave Rambaran Geosciences, LLC exceeds the DBE participation requirement and has allocated 10% of the contract value. NTB Associates, Dave Rambaran Geosciences, and Volkert have extensive local knowledge and experience in this area of Bossier Parish and working with the Bossier Parish Police Jury.

The BKI Team recognizes there are agreements, environmental commitments, and permitting during this stage of project delivery and the BKI team is prepared to complete these tasks as directed by LADOTD under a supplemental agreement if not added to scope during contract negotiations. Securing required agreements (utility, railroad, cooperative endeavor, memorandum of understanding) and obtaining environmental and non-environmental permits are critical to maintaining project schedule and successful letting.





OVER 100 YEARS OF SERVICE

LADOTD is one of BKI's core clients and we are proud of our record of providing high-quality services on a variety of projects for the past four decades. We appreciate the opportunity to submit our qualifications and look forward to working for the Department again.

Sincerely,

A handwritten signature in blue ink, appearing to read 'René A. Chopin, III, PE'. The signature is stylized and fluid.

René A. Chopin, III, PE



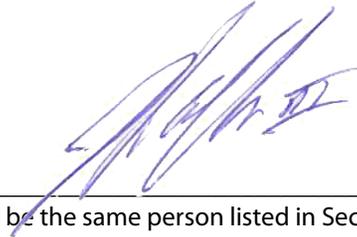
# DOTD FORM: 24-102

## Proposal to Provide Consultant Services

(Revised January 1, 2023)

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	Entity Contract for Congestion Relief Winfield Road
2. Contract number(s) as shown in the advertisement	4400027600
3. State Project Number(s), if shown in the advertisement	H.003855.5
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	License No: EF.0000124
6. Prime consultant mailing address	2400 Veterans Memorial Blvd. Suite 310 Kenner, LA 70062
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	2400 Veterans Memorial Blvd. Suite 310 Kenner, LA 70062
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Rene' A. Chopin, III, PE, Senior Vice President, 504.486.5901, rchopin@bkusa.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Rene' A. Chopin, III, PE, Senior Vice President, 504.486.5901, rchopin@bkusa.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	 Signature above shall be the same person listed in Section 9:  08/17/2023  Date:

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): Dave Rambaran Geosciences, LLC	Firm(s) %: 10%
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12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102\*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

Past Performance Evaluation Discipline(s)	% of Overall Contract	BKI	NTB	DR GEO	KSA	HDR	VOLKERT	Each Discipline must total to 100%
Road	50%	88%	0%	0%	8%	0%	4%	100%
Bridge	17%	77%	0%	0%	0%	23%	0%	100%
Geotech	10%	0%	0%	100%	0%	0%	0%	100%
Survey	13%	0%	100%	0%	0%	0%	0%	100%
Right-of-Way	5%	0%	100%	0%	0%	0%	0%	100%
Other (Title Research)	5%	100%	0%	0%	0%	0%	0%	100%
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant.								
Percent of Contract	100%	62%	18%	10%	4%	4%	2%	100%

\*The past performance evaluation disciplines are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and/or Other (please specify).

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (please specify)" and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

<b>Firm Name</b>	<b>DOTD Job Classification</b>	<b>Number of personnel committed to this contract</b>	<b>Total number of personnel available in this DOTD Job Classification (if needed)</b>
Burk-Kleinpeter, Inc.	Engineer	9	12
Burk-Kleinpeter, Inc.	Engineer Intern	1	1
Burk-Kleinpeter, Inc.	Supervisor - Engineer	2	2
Burk-Kleinpeter, Inc.	Principal	1	2
Burk-Kleinpeter, Inc.	Environmental Professional	1	1
Burk-Kleinpeter, Inc.	Abstractor	2	2
NTB Associates, Inc.	Principal	1	1
NTB Associates, Inc.	Engineer	1	1
NTB Associates, Inc.	Surveyor	4	5
NTB Associates, Inc.	Supervisor Other	1	2
NTB Associates, Inc.	Senior Technician	1	1
NTB Associates, Inc.	CADD Technician	2	6
NTB Associates, Inc.	Technician	1	1
NTB Associates, Inc.	CADD Drafter	1	4
NTB Associates, Inc.	Party Chief	7	15
Dave Rambaran Geosciences, LLC	Engineer	2	2
Dave Rambaran Geosciences, LLC	Geologist	1	1
Dave Rambaran Geosciences, LLC	Professional	1	1
Dave Rambaran Geosciences, LLC	Senior Technician	1	1
Dave Rambaran Geosciences, LLC	Driller	2	2

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (please specify)" and include the classification title inside the parentheses.

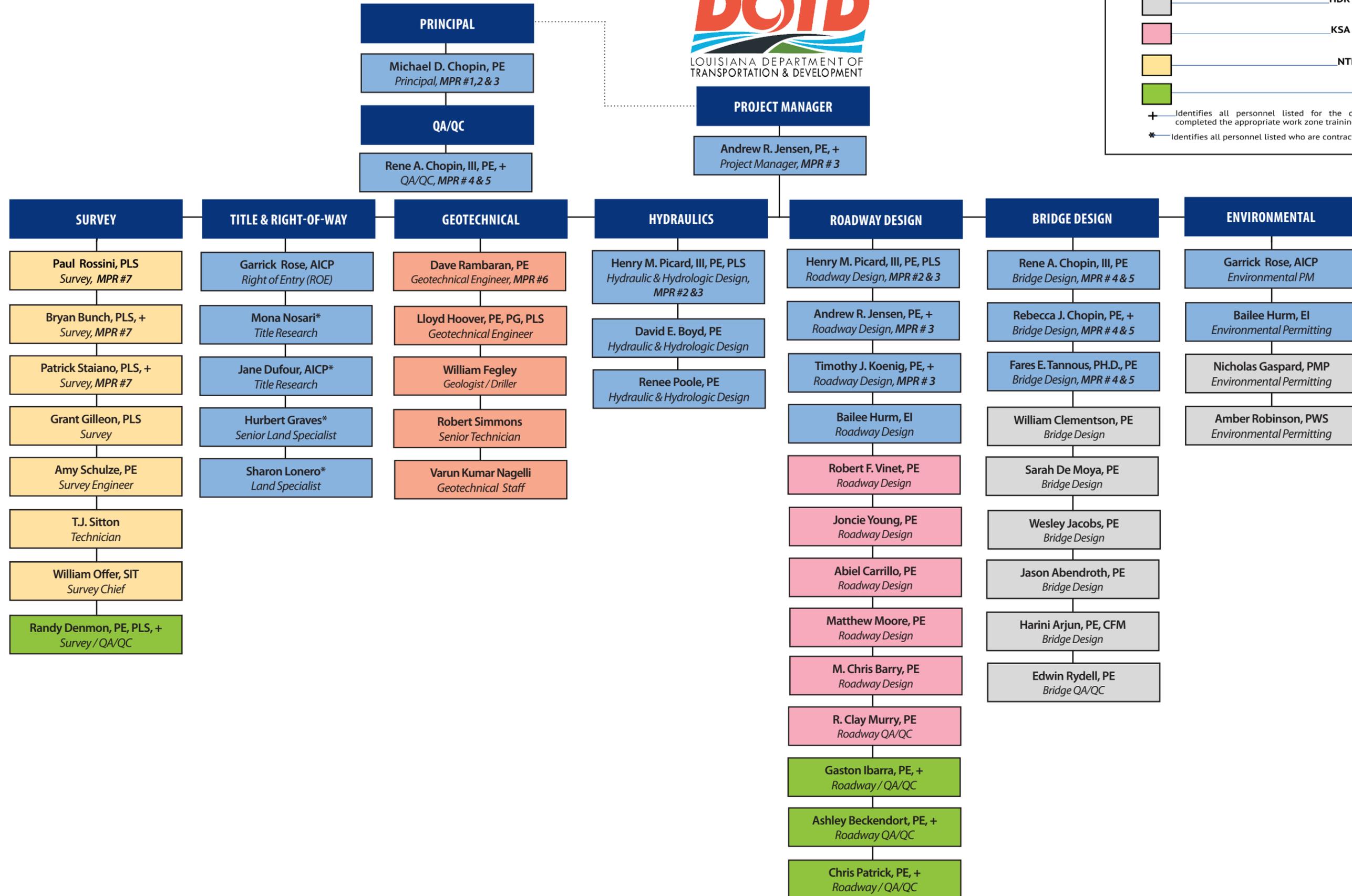
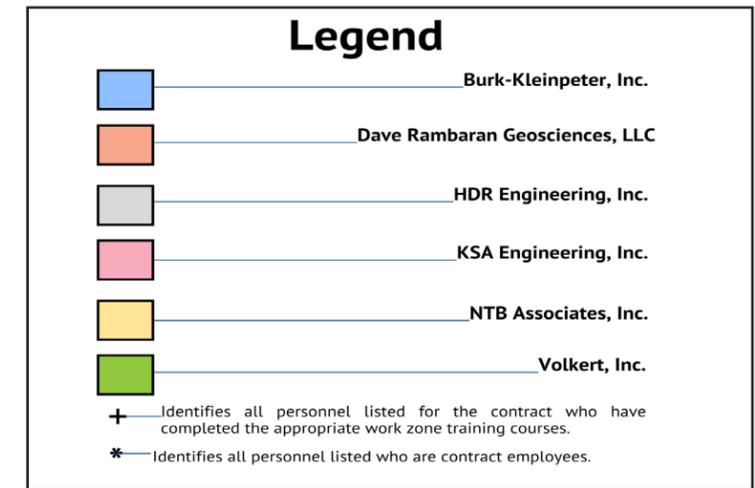
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[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

<b>Firm Name</b>	<b>DOTD Job Classification</b>	<b>Number of personnel committed to this contract</b>	<b>Total number of personnel available in this DOTD Job Classification (if needed)</b>
KSA Engineers, Inc.	Engineer	3	19
KSA Engineers, Inc.	Other – (Electrical Engineer)	1	1
KSA Engineers, Inc.	Surveyor	1	1
KSA Engineers, Inc.	Engineer Intern	2	6
KSA Engineers, Inc.	Designer	1	5
KSA Engineers, Inc.	CADD Technician	2	13
KSA Engineers, Inc.	Party Chief	2	3
KSA Engineers, Inc.	Instrument Man	2	3
KSA Engineers, Inc.	Rodman	2	3
HDR Engineering, Inc.	Designer	2	11
HDR Engineering, Inc.	Engineer	2	15
HDR Engineering, Inc.	Environmental Manager	1	6
HDR Engineering, Inc.	Environmental Pro	1	5
HDR Engineering, Inc.	Principal	1	10
HDR Engineering, Inc.	Supervisor - Eng	2	46
HDR Engineering, Inc.	Supervisor - Other	1	6
Volkert, Inc.	Principal	1	37
Volkert, Inc.	Surveyor	1	0
Volkert, Inc.	Engineer	2	84

14. Organizational Chart:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.



15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No. <u>Do not insert wording from ad</u>	Personnel being used to meet the MPR <small>(Individual(s) may not satisfy more than one MPR unless specifically allowed by attachment B of the advertisement)</small>	Firm employed by	Type of license and discipline meeting MPR/ certification & number <small>(Ex: PE # - Civil)</small>	State of License	License / certification expiration date
1.	Michael D. Chopin, PE	Burk-Kleinpeter, Inc.	PE / 0026797 - Civil	LA	9/30/2024
2.	Michael D. Chopin, PE	Burk-Kleinpeter, Inc.	PE / 0026797- Civil	LA	9/30/2024
2.	Henry M. Picard, III, PE, PLS	Burk-Kleinpeter, Inc.	PE / 0022289 - Civil PLS / 4736	LA	3/31/2025
3.	Michael D. Chopin, PE	Burk-Kleinpeter, Inc.	PE / 0026797- Civil	LA	9/30/2024
3.	Henry M. Picard, III, PE, PLS	Burk-Kleinpeter, Inc.	PE / 0022289 - Civil PLS / 4736	LA	3/31/2025
3.	Andrew R. Jensen, PE	Burk-Kleinpeter, Inc.	PE / 0043382- Civil	LA	9/30/2023
3.	Timothy J. Koenig, PE	Burk-Kleinpeter, Inc.	PE / 0035079 - Civil	LA	3/31/2024
4.	Rene A. Chopin, III, PE	Burk-Kleinpeter, Inc.	PE / 0025174 - Civil	LA	9/30/2023
4.	Rebecca J. Chopin, PE	Burk-Kleinpeter, Inc.	PE / 0041841 - Civil	LA	3/31/2024
4.	Fares E. Tannous, PhD., PE	Burk-Kleinpeter, Inc.	PE / 0047542 - Civil	LA	9/30/2023
5.	Rene A. Chopin, III, PE	Burk-Kleinpeter, Inc.	PE / 0025174 - Civil	LA	9/30/2023
5.	Rebecca J. Chopin, PE	Burk-Kleinpeter, Inc.	PE / 0041841 - Civil	LA	3/31/2024
5.	Fares E. Tannous, PhD., PE	Burk-Kleinpeter, Inc.	PE / 0047542 - Civil	LA	9/30/2023
6.	Dave Rambaran, PE	Dave Rambaran Geosciences, LLC	PE / 0031941 - Civil	LA	3/31/2024
7.	Paul Rossini, PLS	NTB Associates, Inc.	PLS / 4731	LA	9/30/2024
7.	Bryan Bunch, PLS	NTB Associates, Inc.	PLS / 5014	LA	3/31/2024
7.	Patrick Staiano	NTB Associates, Inc.	PLS / 5130	LA	9/30/2024

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>			
Name	Michael D. Chopin, PE	Years of experience with this firm/employer	32
Title	Civil Engineer	Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization	Bachelor of Science/1991/Civil Engineering		
Active registration number / state / expiration date	26797 / LA / 09-30-2024		
Year registered	1996	Discipline	Professional Engineer
<p><b>Contract role(s) / brief description of responsibilities</b>  <i>Principal to provide project oversight and quality assurance/quality control. Meets MPRs #1, 2 &amp; 3.</i></p> <p>Mr. Chopin is a Principal and the President at BKI. He oversees personnel, including schedules, staff, budgets, technical review, and account management. He has 27 years of professional engineering experience and has provided professional consulting focused on a wide range of public works projects. His relevant experience for this proposed contract includes design, preparation of preliminary and final roadway plans, and specifications in accordance with the LADOTD Road Design Manual, the LADOTD Hydraulic Design Manual, the AASHTO Policy on Geometric Design, and other publications required by the LADOTD. In addition to the roadway design, Mr. Chopin has extensive drainage design experience related to roadway drainage collection systems, watershed analysis, channel conveyance, and scour protection.</p> <p><b>Highlights:</b> LADOTD Requirements and Procedures, Project Management, QA/QC, Cost Reimbursements, FEMA Regulations</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/11 - Ongoing	<p><b>Causeway Blvd. (LA3046) / Earhart Expressway (LA 3139) Interchange (H.002861), Jefferson Parish, LA</b>                      Project Principal providing oversight and quality assurance for preliminary and final plans for a new interchange on Earhart Expressway (LA3139) at Causeway Blvd. (LA 3046). Project includes road design, bridge design, high mast and standard lighting poles and luminaires, existing girders, inspection, and bridge rating of existing structures. The interchange fits within a compact footprint with unique geometric challenges. It features seven new ramps which include at-grade roadways and bridge structures. Six of the eight movements were under free-flow conditions and two will function under a signal-controlled condition. The project improved connectivity between major regional employment centers in the Earhart Expressway and Causeway Boulevard corridors.</p>		
12/17 - Ongoing	<p><b>LA 466 / 5th Street Improvements, Gretna, LA</b>                      As principal, provided QA/QC and general project oversight for streetscape improvements to the 5th Street corridor between Richard Street and Franklin Avenue. BKI prepared both preliminary and final plans in accordance with design criteria to be developed with input from LADOTD and the City of Gretna.</p>		

07/07 - Ongoing	<p><b>Peters Road Bridge and Extension (H.008068, H.008069, 008244), Plaquemines and Jefferson Parishes, LA</b></p> <p>Project principal providing QA/QC and project oversight for a new fixed, high level bridge and approach roadways across the intracoastal waterway (AASHTO LRFD Design). Project also includes four miles of new approach roadways and reconfiguring the Peters Road/Engineers Road Interchange. In addition, provided extensive drainage review for the purposes of both satisfying Jefferson Parish's and LADOTD's design requirements relative to both the roadway's drainage collection system and the box culvert that is required to allow a portion of the roadway to be placed over the one of the Parish's major drainage canals.</p>
03/15 - Ongoing	<p><b>Mandeville Bypass Project, Mandeville, LA</b></p> <p>Provided project quality control and quality assurance and guidance for the preparation of line and grade studies. Permitting, preliminary design, and final design. Project is for a new 3.5-mile roadway connecting US-90 and LA 1088 including a multi-use path and two roundabouts. In addition, a 140-foot-long bridge consisting of seven (7) cast-in-place slab spans on pile bents was required to cross Bayou Castine.</p>
08/20 – 02/19	<p><b>4th Street Extension (H.001413), Gretna, LA</b></p> <p>Project Engineer/Manager for an Environmental Assessment (NEPA), line and grade study, preparation of plans and specifications for a new roadway extension. Project consisted of a new two lane, 1.5-mile-long, concrete roadway, sidewalks, ADA ramps, new drainage collection system and outfall, new railroad at grade crossing, street lighting, and landscaping. Specific role on the project included the drainage design and establishing the roadway horizontal and vertical geometry. Provided overall project management for the completion of the plans and specifications.</p>
10/99 - 08/02	<p><b>Ridgelake Drive at West Esplanade Intersection Improvements, Metairie, LA</b></p> <p>Project Engineer/Manager for the design and preparation of plans and specifications for providing a new right-turn lane along westbound West Esplanade Ave. onto Causeway Blvd. Improvements also included a new 3-cell, 8 ft. x 9 ft. box culvert and roadway widening at Ridgelake Drive, drainage and safety enhancements, and two new traffic signals..</p>
08/17 - 0 1/18 09/00 - 05/01	<p><b>Stumpf Boulevard Drainage Improvements - Stumpf Boulevard Right Turn Lane at Westbank Expressway, Gretna, LA</b></p> <p>Provided project oversight for the installation of a 72-inch drainage pipe in the Stumpf Boulevard Canal. The pipe would provide sufficient capacity to convey storm water while addressing bank erosion. Adjacent travel lanes along Stumpf Boulevard were replaced after the base failed and roadway surface settled or warped. Project Manager for construction of new right turn lane (approximately 350 feet long) on Stumpf Blvd. for vehicles turning onto the Westbank Expressway service road.</p>
10/99 – 06/05	<p><b>I-10 Southern Railroad Underpass – Tulane Avenue Interchange (SP 450-90-0103), Orleans Parish, LA</b></p> <p>Lead Project Engineer for the design of a new 850 cubic foot per second drainage pumping station for the interchange. Project included modification to the existing subsurface drainage system and roadway to facilitate the pumping station. Specific design role on this project included the hydrologic and hydraulic analysis to size both the drainage pumping station and the subsurface drainage collection system in accordance with both LADOTD and Sewerage and Water Board of New Orleans requirements. In addition, prepared modifications to the roadway plans and specifications to reflect the new drainage system.</p>

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>				
Name	Rene A. Chopin III, PE		Years of experience with this firm/employer	34
Title	Civil Engineer		Year of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization		Bachelor of Science/1988/Civil Engineering		
Active registration number / state / expiration date			25174 / LA / 09-30-2023	
Year registered	1993	Discipline	Professional Engineer - Structural	
<b>Contract role(s) / brief description of responsibilities</b>				
<i>Civil engineer to provide project control and quality assurance and guidance for structural requirements of bridges. Meets MPRs #4 &amp; 5.</i>				
Mr. Chopin will provide project control and quality assurance and guidance for structural requirements of bridges. He will be involved with establishing the design criteria, type, size, and location, design, and serve as the Engineer of Record for each bridge site. He has experience in preparing preliminary and final bridge plans in accordance with LADOTD BDEM, BDTMs and ASSHTO for cast-in-place slab span, and precast prestressed girder bridges supported on both pile bents, and column bent				
<b>Highlights:</b> LADOTD Requirements and Procedures, AASHTO Codes and Standards, Bridge Design, Cost Estimates, Special Provisions, Project Management, and QA/QC				
<b>Experience dates</b> (mm/yy–mm/yy)	<b>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc.</b> Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/20 - Ongoing	<b>Rural Bridges Replacement Initiative Phase I &amp; II, Various Parishes, LA</b> QA/QC and engineer of record for the LADOTD Rural Bridge Replacement Initiative including 67 bridges on the State Highway System and local roadways in Districts 03, 05, 07, 08, 58, 61, and 62. Work included removal of existing bridges and construction of new concrete bridges, new concrete pilings, new guard rails, replacement of roadway, installation of reinforced concrete boxes (where applicable), and widening of roadway embankment. The contract required special (non-standard) bridge design, in some cases, of cast-in-place slab span bridges with irregular deck geometry, including superstructure and substructure bridge elements. The contract also required the design of a precast LG girder bridge that would be built in split phase construction to maintain traffic. As the engineer of record, Mr. Chopin is responsible for supervising all design tasks to ensure accuracy and compliance with the LADOTD and federal design criteria. Mr. Chopin oversaw the entire team which included professionals performing road, bridge, hydraulics, survey, geotechnical, and environmental design tasks. <b>State Projects Included: H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997, H.014242, H.014243, H.014245, H.014246, H.014247, H.4248.5, H.014249, H.0142450, H.014268</b>			
03/15 - Ongoing	<b>Mandeville Bypass Project, Mandeville, LA</b> Oversight of the bridge TS&L studies for two stream crossing sites. EOR with oversight of final bridge plans, including checking design calculations and final QC of plans for a 140 feet long bridge consisting of seven (7) 20' cast-in-place slab spans on pile bents over Bayou Castine. In addition to the vehicular bridge provided oversight of the design and details for the pile bents supporting a pre-engineered pedestrian bridge.			

<p>01/13 - Ongoing</p>	<p><b>Earhart Expressway Interchange (SPN H.002861) - Causeway Blvd., Jefferson Parish, LA</b>  Project Manager and EOR providing design oversight and mentoring of younger engineers for a new interchange between Earhart Expressway (LA3139) and Causeway Boulevard (LA 3046). The existing bridges widened for the interchange were inspected and rated per the Load Resistance Factor Rating (LRFR) and recommendations for correcting deficiencies for LADOTD's consideration. Prepared the framing plans for the new ramps consisting of AASHTO Type, II, Type III, and BT-72 girders along with curved three-span continuous steel plate girders. Designed and detailed five hammerhead column bents as examples for younger engineers. Checked the design calculations (LRFD) of the bridge decks, prestressed girders, curved steel plate girders, and rolled steel girders (for widening the Causeway bridges), cast-in-place slab spans (both straight and curved), column bents (both hammerhead and multi-column), and pile bents with curtain walls. Final QC of roadway and bridge plans for the entire interchange. Also provided oversight of all design waivers and exceptions required for the project, estimated quantities, cost estimates, and special provisions.</p>
<p>10/09 - Ongoing</p>	<p><b>Peters Road Bridge and Extension Peters Road Bridge and Extension (SPNs H.008068, H.008069, 008244), Plaquemines and Jefferson Parishes, LA</b>  Project Manager and EOR for a new State Route LA 1261 crossing the Intracoastal Waterway in Plaquemines Parish. The project includes four miles of roadway with various size box culverts crossing drainage canals, reconfiguring the Peters Road/Engineers Road Interchange, two new bridges over the Barataria Canal, 2,069 feet long four barrel 10'x10' box culvert in the Murphey Canal, and a new fixed, high-level bridge. The roadway and bridge were designed for building a two-lane facility, with right-of-way established for a future build-out to a four-lane facility. Mentored younger engineers, collaborating with them on deck design, slab span design, pile-bent and column bent substructure design. Designed and detailed two hammerhead column bents as design examples. Checked the design calculations (LRFD) of the bridge decks, prestressed girders (AASHTO Type III and BT-72), 3-span continuous steel plate girders (main span), cast-in-place slab spans (both straight and curved), column bents, and pile bents. A unique feature was bridge structure with three directional approach slabs, two parallel and one perpendicular to the Barataria Canal, due to the proximity of the roadway to top of bank of the canal. Final QC of roadway and bridge plans for the entire project. Also provided oversight of all design waivers and exceptions required for the project, estimated quantities, cost estimates, and special provisions. Project Manager for construction engineering support including shop drawings, submittal review, and answering RFIs, for Phase I of the project completed in 2014. Phase I was three miles of roadway from LA 23 to Barriere Canal Road with various size box culverts with both open and subsurface drainage.</p>
<p>08/99 - 07/14</p>	<p><b>I-10 Causeway Interchange, Jefferson Parish, LA</b>  Project Manager and EOR for converting a cloverleaf interchange into a direct and semi-direct connection. Performed the geometric design and layout for the entire interchange. Developed the TS&amp;L for the five elevated ramps along with framing plans. Designed bridge decks, column bents, and prestressed girders (AASHTO Type III and BT-72). Three of the hammerhead column bents were designed for eccentric deadloads due to geometric constraints. Prepared selective demolition plans for the Causeway Blvd. overpass over Veterans Memorial Blvd, widened to accept tie-ins of new ramp structures. Prepared suggested construction sequence and traffic maintenance plans for the project. Was able to maintain all movements of the existing interchange with only one movement from northbound Causeway Blvd. to westbound I-10 requiring a detour. This detour was a minor movement and had a 3-month duration. Checked the design calculations (Standard Specifications) prepared by engineers under my supervision for the bridge decks, prestressed girders (AASHTO Type III and BT-72), 3-span continuous curved steel plate girders, 2-span continuous straight steel plate girders, cast-in-place slab spans (both straight and curved), column bents (both hammerhead and multi-column), and pile bents. Also provided oversight of all design waivers and exceptions required for the project, estimated quantities, cost estimates, and special provisions. Project Manager for construction engineering support including attending monthly partnering meetings, shop drawings, submittal review, and answering RFIs.</p>

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>			
Name	Andrew R. Jensen, PE	Years of experience with this firm/employer	9
Title	Project Manager	Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization	Bachelor of Science/2014/Civil Engineering		
Active registration number / state / expiration date	43382 / LA / 9-30-2023		
Year registered	2019	Discipline	Professional Engineer
<p><b>Contract role(s) / brief description of responsibilities</b>  <i>Project manager for project and will manage all aspects of road design, bridge design and coordination of subconsultants. Meets MPRs #3.</i></p> <p>Since joining the BKI team in 2014, Mr. Jensen has performed civil engineering design services on many LADOTD and LPA projects that require adherence to LADOTD design criteria. He has extensive experience working on projects involving interchange design, roadway and bridge geometrics, typical sections, superelevation, intersections, roadway and bridge drainage design, LADOTD guard rail design, and pedestrian accessibility. Mr. Jensen is proficient in MicroStation, CadConform, AutoTurn, and InRoads software. He is experienced in plan development, project management, communication and leadership, document and deliverable control, and quality control. He is intimately familiar with LADOTD published design criteria and polices including the Complete Streets policy. He is experienced in providing complete deliverable packages with all required documentation including but not limited to, design reports, design waiver and exception requests, Transportation Management Plans (TMP), responses to comments, design calculation books, construction plans, and specifications. He has experience representing the design consultant during plan-in-hand meetings, joint plan review meetings, final plan review meetings, and constructability biddability reviews. In addition, he received his ATSSA Traffic Control Supervisor Refresher - LA training in 2019.</p> <p><b>Highlights:</b> Project Management, LADOTD Requirements and Procedures, Roadway design, drainage design</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		

08/20 - Ongoing	<p><b>Rural Bridge Replacement Initiative Phase I &amp; II, Various Parishes, LA</b>  Project Manager and roadway design engineer for the LADOTD Rural Bridge Replacement Initiative including 67 bridges on the State Highway System and local roadways in Districts 03, 05, 07, 08, 58, 61, and 62. Work included removal of existing bridges and construction of new concrete bridges, new concrete pilings, new guard rails, replacement of roadway, installation of reinforced concrete boxes (where applicable), and widening of roadway embankment. The contract required special (non-standard) bridge design, in some cases, of cast-in-place slab span bridges with irregular deck geometry, including superstructure and substructure bridge elements. The contract also required the design of a precast LG girder bridge that would be built in split phase construction to maintain traffic. As the Project Manager, Mr. Jensen is responsible for managing all design tasks and task leaders to ensure project delivery in accordance with the scope and schedule. He represents BKI as the prime consultant in all relevant meetings with the LADOTD, subconsultants, and stakeholders. The contracts include 25 state project numbers that needed to be delivered as separate construction packages. Mr. Jensen is responsible for each project as they all move through the development process. He practices a high level of communication and provides consistent updates as changes occur through the process. Mr. Jensen provides effective management of all subconsultants to ensure all deliverables are compliant regardless of which subconsultant produces them. As the roadway design engineer, Mr. Jensen is also responsible for all roadway design tasks. He develops the design criteria and design report in accordance with LADOTD guidance and the roadway design manual. He produces plan sheets including but not limited to, title sheets, typical sections and details, embankment widening details, summary tables, reference points &amp; benchmark elevations, temporary erosion control, cross sections with earthwork calculations, geometric details, suggested sequence of construction, and plan profile sheets. <b>State Projects Included: H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997 H.014242, H.014243, H.014245, H.014246, H.014247, H.4248, H.014249, H.0142450, H.014268</b></p>
07/14 - Ongoing	<p><b>Causeway Boulevard (LA 3046) / Earhart Expressway (LA 3139) Interchange - SPN H.002861, Metairie, LA</b>  Roadway design engineer for proposed interchange in Jefferson Parish. Responsible for roadway and bridge geometrics for the complex interchange in a dense urban environment. Prepared geometric layout, geometric control, curve data, typical sections, and plan profile sheets. Produced guard rail design, superelevation details, graphical grades, pavement marking layouts, design reports, waivers, and exceptions. Created hydraulic calculations for storm drainage system and design drainage maps. Encountered and resolved major challenges during the design of the drainage network caused by a high-water surface elevation in the outfall canal. Coordination with utility companies to mitigate conflicts with existing utilities.</p>
10/09 - Ongoing	<p><b>Peters Road Bridge and Extension - SPNs. H.008068, H.008069, 008244, Plaquemines and Jefferson Parishes, LA</b>  Roadway design engineer for a proposed fixed, high-level bridge across the Gulf Intercoastal Waterway with connecting roadways to Peters Road (LA 3017) in Jefferson Parish and LA Highway 23 in lower Belle Chasse, LA. Mr. Jensen is responsible for checking geometric data, guardrail design, intersection design, quantity calculations, cost estimating, and plan production. Performing super-elevation designs and worked with the bridge design team to make sure the geometric designs were correctly reflected in the structural designs and details for the project.</p>
03/15 - Ongoing	<p><b>Mandeville Bypass Project, Mandeville, LA</b>  Roadway design engineer assisting with conformity with LADOTD and AASHTO design criteria. Geometric design review for roundabouts, intersections, superelevation, and geometric details. Plan development included the preparation of typical sections, plan/ profile sheets, existing and design drainage maps, geometric layouts, sequence of construction, and cross sections; and the generation of existing and proposed surface models.</p>
05/22 - Ongoing	<p><b>New Orleans Rail Gateway Program / Jefferson Highway Rail Crossing Relocation Study, Jefferson and Orleans Parishes, LA</b>  Roadway design engineer for a Hazardous Materials Survey and Phase I ESA. Mr. Jensen was responsible for developing a line and grade design for two bridge overpass alternatives in a dense urban environment. A critical aspect of the project was to work within LADOTD design criteria and policies to provide the best possible design while still limiting the impact to the adjacent properties. He developed the roadway design criteria, design reports, typical sections, horizontal and vertical geometry, apparent and required right-of-way limits. He also worked closely with the planners and environmental professionals to analyze impacts to the adjacent businesses and then included impact mitigation into the design.</p>

16. Staff Experience:

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Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>			
Name	Henry M. Picard, III, PE, PLS	Years of experience with this firm/employer	32
Title	Civil Engineer	Years of experience with other firm(s)/employer(s)	9
Degree(s) / Years / Specialization	Bachelor of Science/1981/Civil Engineering		
Active registration number / state / expiration date	PE 22289 / LA / 03-31-2023 ; PLS 4736 / LA / 03-31-2023		
Year registered	PE: 1986/ PLS: 1994	Discipline	Professional Engineer / Professional Land Surveyor
<p><b>Contract role(s) / brief description of responsibilities</b>  <i>Civil engineer to provide civil engineering oversight as engineer responsible charge of road design and hydraulic design. Meets MPRs #2 &amp; 3.</i></p> <p>Mr. Picard is a Senior Vice President at BKI with 37 years of professional engineering experience. He is in charge of project management, hydraulics, and traffic engineering, with responsibilities including schedules, staff, budgets, technical review and account management. He has provided professional consulting services as Project Manager or Project Engineer on numerous roadway, transportation, rail, drainage and flood control, and hydraulic engineering projects. Mr. Picard holds a Bachelor of Science in Civil Engineering; is a Registered Professional Engineer in Louisiana, and Alabama; and is a Registered Professional Land Surveyor in Louisiana. He is an active member of the American Society of Civil Engineers and the Society of American Military Engineers.</p> <p><b>Highlights:</b> LADOTD Requirements and Procedures, AASHTO Codes and Standards, CDBG Requirements, HMGP Requirements, FEMA Regulations, Project Management Requirements, OA/QC, Cost Reimbursements, Land Survey Expertise</p>			
<b>Experience dates</b> (mm/yy–mm/yy)	<b>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc.</b> Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/15 - Ongoing	<p><b>Mandeville Bypass, Mandeville, LA</b>            Provided project management and engineering guidance for the preparation of line and grade studies, preliminary and final plans included the preparation of typical sections, plan/profile sheets, existing and design drainage maps, geometric layouts, construction sequence, and cross sections for 3.5 miles of roadway, a multi-use path, and two roundabouts.</p>		
07/14 - Ongoing	<p><b>Causeway Boulevard (LA 3046) / Earhart Expressway (LA 3139) Interchange - SPN H.002861, Metairie, LA</b>            Hydraulic Engineer for the new interchange between Earhart Expressway and Causeway Boulevard in Jefferson Parish. Providing drainage design oversight and mentoring of younger engineers for roadway drainage.</p>		
07/14 - Ongoing	<p><b>Peters Road Bridge and Extension Peters Road Bridge and Extension (SPNs H.008068, H.008069, 008244), Plaquemines and Jefferson Parishes, LA</b>            Performed hydraulic and drainage design for phase 1 of the project including culvert analysis and ditch grades. Provided QA/QC for phase II roadway drainage design on a new fixed, high level bridge and approach roadways across the Intracoastal Waterway. Coordinated with Jefferson Parish drainage for type, size, location, and construction sequencing of the box culvert to maintain flow in the Murphey Canal at all times during construction</p>		

08/20 - Ongoing	<p><b>Rural Bridge Replacement Initiative Phase I &amp; II, Various Parishes, LA</b> Principal provided QA/QC for the redesign, removal, and reconstruction of 33 bridges on the State Highway system over 16 concurrent contracts, including NEPA Compliance, surveys, real estate, hydraulic analysis (including bridge scour), and design of bridges and roadways. <b>Bridges Included:</b> H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997 For phase II, Provided project quality control and quality assurance and guidance for the design and complete reconstruction for 34 bridge structures in the State Highway system for Districts 05,08, and 58. <b>Bridges Included:</b> H.014242.5, H.014243.5, H.014245.5, H.014246, H.014247.5, H.4248.5, H.014249.5, H.0142450.5, H.014268.5</p>
04/18 - Ongoing	<p><b>Parish Rd 929 at Braud Rd Roundabout, Ascension Parish, LA</b> Project Principal provided QA/QC for upgrading the intersection from a four-way stop to a roundabout. The two-lane roundabout was designed for a WB-67 design vehicle and included a dedicated left turn lane. The project also included drainage and lighting improvements, engineer's construction cost estimate, phasing and detour plan, coordination of utility relocations, and coordination of right-of-way acquisition.</p>
12/13 - 09/19	<p><b>Multiple Bridge Replacements: Bob Pettit Road Bridge and Claycut Road Bridge, Baton Rouge, LA</b> Principal provided QA/QC for the replacement of a bridge on Bob Pettit Road over Bayou Fountain and Claycut Road over Dawson Creek. The bridges, precast concrete slab span structures each designed for at least two lanes of traffic with two six-foot sidewalks, were designed in accordance with LRFD. LADOTD standards, references, manuals, and format requirements were used for consistency and convenience.</p>
12/09 - 12/11	<p><b>I-12 and US Highway 11 Interchange Improvements and Ramp Widening Project (SPN 018-04-0046 &amp; 454-04-0078), St. Tammany Parish, LA</b> Project manager and lead engineer for preparation of construction documents for improvements to the I-12 and US Highway 11 Interchange including topographic and property boundary surveys and right-of-way maps. Performed engineering for geometric design, horizontal and vertical alignment, drainage, paving, striping, signage plan, sequence of construction, quantity estimates and three signalized intersections. Performed design of signal improvements involved the following: Developed construction drawings and specifications for traffic signal equipment layouts, controller timings, phasing, and cost estimates for the LADOTD.</p>
03/01 - 04/10	<p><b>I-10 Causeway Interchange, Metairie, LA</b> Civil Engineer for signal plans to replace the outdated cloverleaf interchange with a semi-directional interchange. Mr. Picard was responsible for the signal designs along with coordination with Jefferson Parish on parish owned signals at Causeway and Veterans.</p>
03/02 - 03/03	<p><b>South Choctaw Drive Road Improvements, Baton Rouge, LA</b> Project Manager and lead engineer for traffic analysis and the preparation of construction drawings for the widening from two lanes to four lanes on the South Choctaw Drive Extension from Flannery Road to Florida Boulevard. The analysis included hose and manual traffic counts, intersection analysis, corridor analysis, and recommendations for roadway corridor lane geometry and signal lane geometry. Lead Engineer for the preparation of construction drawings included horizontal and vertical geometry, paving, grading, drainage, striping, sequence of construction, utility design and construction plans.</p>
12/99 - 12/99	<p><b>I-10 Williams Blvd. Interchange for the Louisiana DOTD, New Orleans, LA</b> Developed construction drawings and specifications for traffic signal equipment layouts, controller timings, phasing, and cost estimates for six (6) intersections within the interchange limits for the LA Dept. of Transportation and Development. The plans featured equipment locations designed to minimize traffic conflicts and the need for temporary signalization during the construction of interchange improvements.</p>

16. Staff Experience:

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Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>			
Name	David E. Boyd, PE	Years of experience with this firm/employer	17
Title	Civil Engineer	Years of experience with other firm(s)/employer(s)	2
Degree(s) / Years / Specialization	Bachelor of Science/2004/Civil Engineering		
Active registration number / state / expiration date	PE 35510 / LA / 09-30-2024		
Year registered	PE: 2010	Discipline	Professional Engineer / Professional Land Surveyor
<p><b>Contract role(s) / brief description of responsibilities</b>  <i>Engineer to provide hydraulic &amp; hydrologic design on civil engineering services.</i></p> <p>Mr. Boyd is Vice President of the Civil Engineering Division. He has 19 years of experience in Hydraulic, roadway design and project management specializing in hydraulic design, project plans and specifications, design review and construction services. Worked on numerous bridge and roadway projects to Cities, Parishes and DOTs in the States of Louisiana. Mr Boyd is proficient in USACE HEC RAS hydraulic modeling software and ArcGIS. He has analyzed bridge scour and culvert design throughout the state of Louisiana. In addition. Mr. Boyd has completed design documents, construction administration and project management for multiple roadway projects.</p> <p><b>Highlights:</b> LADOTD Requirements and Procedures, AASHTO Codes and Standards, CDBG Requirements, HMGP Requirements, FEMA Regulations, Project Management Requirements, OA/QC, Cost Reimbursements, Land Survey Expertise</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/20 - Ongoing	<p><b>Rural Bridges Replacement Initiative Phase I &amp; Phase II, Various Parishes, LA</b>  Oversaw and provided QA/QC for the hydrologic-runoff calculations using LaDOTD’s Hydraulic Software (Hydr2009) HYDR1110, HYDR1130 and HYDR2130. Oversaw and provided QA/QC for Hydraulic calculations using Hydraulic Engineering Center – River Analysis System (HEC-RAS). Maximum Water Surface Elevations for the 25, 50, 100 Year Events were determined to set the low chord of the bridges. HEC RAS was also used to compute the bridge scour for the pier configurations (types, sizes and quantities) of each bridge. This hydrologic and hydraulic data was used for the redesign, removal and reconstruction of 33 LaDOTD bridges.  <b>Bridges Included:</b> H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997, H.014242.5, H.014243.5, H.014245.5, H.014246, H.014247.5, H.4248.5, H.014249.5, H.0142450.5, H.014268.5</p>		
03/15 - Ongoing	<p><b>Mandeville Bypass Project - Mandeville, LA</b>  Civil Engineer provided project management and guidance as well as hydraulic engineering services for the preparation of line and grade studies. Preliminary plans included the preparation of typical sections, plan/profile sheets, existing and design drainage maps, geometric layouts, sequence of construction, and cross sections. The project included 3.5 miles of roadway, a multi-use path, and two roundabouts.</p>		

10/09 - Ongoing	<p><b>Peters Road Bridge and Extension - Plaquemines and Jefferson Parishes, LA - SPN H.008068, SPN H.008069, SPN H.008244</b>  Civil – Hydraulic Engineer responsible for determining the hydraulics for the construction High Level Bridge over the Intercoastal Canal in Belle Chasse, Louisiana. Bridge pier and bent configurations were determined by performing bridge scour computations in the United States Army Corps of Engineers (USACE) HEC RAS-Unsteady State hydraulic model titled East of Harvey Canal (EOH) SELA Flood Control Projects.</p>
12/13 - Ongoing	<p><b>Multiple Bridge Replacements: Bob Pettit Road Bridge and Claycut Road Bridge - Baton Rouge, LA</b>  Calculated bridge scour using HEC-HMS and HEC-RAS software for the replacement of a bridge on Bob Pettit Road over Bayou Fountain and Claycut Road over Dawson Creek. These were concrete slab spans on pile bents (LRFD). The bridges were not to interfere with current hydraulics of the canal.</p>
12/17 - Ongoing	<p><b>LA 466 / 5th Street Improvements - Gretna, LA</b>  Civil Engineer provided project management and design for drainage, roadway, and streetscape improvements to the 5th Street corridor between Richard Street and Franklin Avenue.</p>
10/11 - 12/14	<p><b>I-10 / Williams Boulevard Interchange Pedestrian and Lighting Improvements, Kenner, LA</b>  Civil Engineer prepared construction documents conforming to LADOTD standards for new paved and lighted walkway through the Interstate 10-Williams Boulevard interchange as a safety enhancement project</p>
04/18 - 02/20	<p><b>Parish Rd 929 at Braud Rd Roundabout - Ascension Parish, LA</b>  Project Manager for the design of a single lane roundabout at Parish Road 929 and Braud Road. The project is part of the MOVE ASCENSION program to improve traffic conditions across the parish. Although this was an Ascension Parish program, for consistency and convenience, LADOTD standards, references, manuals, and format requirements were used.</p>
08/17 - 01/18	<p><b>Stumpf Boulevard Drainage Improvements - Gretna, LA</b>  City Engineer / City of Gretna liaison for the installation of a 72-inch drainage pipe in the Stumpf Boulevard Canal. The pipe would provide sufficient capacity to convey storm water while addressing bank erosion. Adjacent travel lanes along Stumpf Boulevard were replaced after the base failed and roadway surface settled or warped.</p>
04/13 - 12/13	<p><b>Belle Chasse Area Master Drainage Plan - Plaquemines Parish, LA</b>  Provided civil engineering services for the preparation of a hydrologic and hydraulic study. The Master Drainage Plan will be the basis for infrastructure programming and guidance for residential and commercial developments.</p>

16. Staff Experience:

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Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>				
Name	Timothy Koenig, PE		Years of experience with this firm/employer	19
Title	Civil Engineer		Years of experience with other firm(s)/employer(s)	2
Degree(s) / Years / Specialization	Bachelor of Science / 2004 / Civil Engineering Bachelor of Science / 1998 / Microbiology			
Active registration number / state / expiration date			35079 / LA / 3-31-2024	
Year registered	2009	Discipline	Professional Engineer	
<b>Contract role(s) / brief description of responsibilities</b>				
<i>Civil Engineer to provide engineering design services for roads on this project. Meets MPRs #3.</i>				
Associate Civil Engineer having joined BKI in 2004 after receiving his Bachelor of Science degree in Civil Engineering. Mr. Koenig has 18 years of experience in civil design, project management and construction administration including roadway design, drainage design, site development, pedestrian facilities design, rail design, port infrastructure design, coordination of right of way acquisition, and permitting for public and private clients throughout the Gulf South region.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/15 - Ongoing	<b>Mandeville By Pass Project, Mandeville, LA</b> Prepared line and grade study, preliminary and final plans for 3.5 miles of new two lane roadway connecting LA 1088 and US 190 in St. Tammany Parish. Included design and preparation of typical sections, plan and profile sheets, geometric layout, drainage design, sequence of construction and cross sections. Also coordinated with utility companies and right of way acquisition. Project included 3.5 miles of roadway, a 10’ wide multi-use path, and the design of a roundabout intersection at US 190.			
04/18 - 07/20	<b>Parish Rd 929 at Braud Rd Roundabout, Ascension Parish, LA</b> Prepared preliminary and final plans for upgrading intersection for 4-way stop to roundabout. The two-lane roundabout was designed for a WB-67 design vehicle and included a dedicated left turn lane. The project required drainage improvements, phasing and detour plans, coordination of utility relocations, and coordination of right-of-way acquisition.			
05/15 - 12/19	<b>Wardline Road Drainage Improvements, Hammond, LA</b> Provided design and plan preparation services for drainage improvements that aimed to reduce or eliminate flooding in the Wardline Road area from a moderate (10-year frequency) rainfall event. Tasks included a hydraulic and hydrologic study, road design, storm drainage improvements design, and construction administration services.			
05/18 - 08/18	<b>NOPB Railroad and Norfolk Southern Diamond Connection, France Road, New Orleans, LA</b> Prepared conceptual design of multiple alternative alignment connections of various degree of curvature of the NOPB and Norfolk Southern Railroads. Proceeded with a 10-degree curve and prepared schematic plans including typical rail and bridge sections, plan and profile sheets, at grade rail crossings, and calculated quantities for an order of magnitude cost estimate.			

<p><i>01/13 - 02/14</i></p>	<p><b>Mt. Airy/Garyville Road Relocations, St. John the Baptist Parish, LA</b>          Designed improvements to and closure of multiple rail crossings in the Mt. Airy/Garyville area. Produced final plan set that included typical sections, quantity table, plan and profile sheets, cross sections, and drainage improvements. Also prepared project specifications and a project cost estimate. BKL provided preliminary plans, final plans, specification preparation, bidding assistance, construction administration, engineering during construction, and periodic site visits. The project also includes the preparation of Coastal Use and Department of the Army Permits</p>
<p><i>07/13 - Ongoing</i></p>	<p><b>Canadian National - McComb Subdivision Reroute Project, Southern, LA</b>          Prepared conceptual design of multiple alternative alignments of the CN McComb Subdivision. Work performed included preparation of typical sections, plan and profile sheets, detailed geometric layouts, drainage improvements, and calculated quantities for order of magnitude cost estimates.</p>

16. Staff Experience:

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Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>			
Name	Fares E. Tannous, PH.D., PE		Years of experience with this firm/employer >1
Title	Senior Civil Engineer		Years of experience with other firm(s)/employer(s) 25
Degree(s) / Years / Specialization	Ph.D. of Science / 1997 / Civil Engineering Master of Science / 1990 / Civil Engineering Master of Business / 2005 / Business Administration Bachelor of Science / 1988 / Civil Engineering		
Active registration number / state / expiration date		47542 / LA / 9-30-2023	
Year registered	2023	Discipline	Professional Engineer - Civil
<b>Contract role(s) / brief description of responsibilities</b> <i>Civil Engineer to provide bridge design services for this project.</i>			
Mr. Fares has 25 years of experience in structural design and project management specializing in commercial design, bridge design, bridge inspection and load rating project plans and specifications, design review and construction services. Worked on numerous bridge projects to Cities, Counties and DOTs in the States of Florida, Georgia, Rhode Island, and West Virginia. Bridge design and load rating experience encompasses complex steel bridges (short and long-span); pre-stressed concrete and timber bridges; seismic design and retrofitting; bridge inspection and rehabilitation studies. Bridge team lead inspection experience includes culverts, concrete bridges (cast-in-place and precast), and steel plate girder bridges (short and long span, low and high profile). He is actively registered in the States of Florida (2-2006), Georgia (12-2012) and Louisiana (2-2023).			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/2023 - Ongoing	<b>Causeway Boulevard–Earhart Expressway Interchange Improvements (Phase IIB) - LADOTD - Jefferson Parish, LA</b> Lead design engineer responsible for final structural design and detailing of Causeway Boulevard–Earhart Expressway Interchange Improvements (Phase IIB). Design and detailing responsibilities of the concrete superstructure and substructure segment of the 1473 LF ramp with span arrangement (Precast Concrete AASHTO Beams:1 @ 50.75', 1 @ 47.75', 1 @ 54.5', 2 @ 47.5', 5 @ 32.0', 2 @ 60.0', (170'-210'-170' – steel bridge section), 3 @ 70.0', 1 @ 65.0', and cast-in place flat slab 6 @ 20.0'). The substructure consisted of a cast-in-place hammerhead, piles bent, multi-column piers supported on concrete piles. In addition, performed QA/QC of steel bridge section of the ramp. All bridge design and load rating were performed using Open Bridge Designer Connect Edition Software. Design challenges included curved bridge sections, variable width with flared girders and superelevation transition, connection detailing of ramp to the existing mainline bridge, and construction staging with other project phases.		
<b>PRE-BKI EXPERIENCE</b>			
06/20 - 08/22	<b>Florida Department of Transportation, District 2 - Taylor County, FL</b> Lead Design Engineer and EOR for two bridge replacements: CR 361 over Fish Creek bridge replacement consisted of furnishing a triple 4'x11' cast-in-place bridge culvert (Br. No. 384104) and CR 361 over Cypress Creek bridge replacement consisted of furnishing a single 60'-0" span bridge of 36"-FIB with 8" composite slab (Bridge No. 384105). Engineering responsibilities included design, load ratings, structural drafting, shop drawings review and services during construction of both bridges. Construction of Bridge 384104 involved 2-phase construction and construction of bridge 384105 involved constructing a 2-lane on-site detour with single 40'-0" span ACROW Bridge.		

02/09 - 02/10	<p><b>SR 417 over Valencia College Lane - Orange County, FL</b>  Project Manager/Engineer responsible for final design details and drafting of bridge drawings. Project consisted of two-lane widening of dual two-span bridge structures (83' ft.-83.0 ft). Engineering responsibilities included furnishing staged construction and demolition details, deck widening details, AASHTO Type III beam design details, new piers and abutment details, and joint replacement details.</p>
06/06 - 06/08	<p><b>Burnt Store Road Over Shadroe Canal; Horseshoe Canal and Hermosa Canal - Lee County, FL</b>  Project Engineer/Manager responsible for the design and structural detailing of three concrete bridges. Each bridge consisted of two-spans (103'-103') of pre-stressed Type VI AASHTO beams composite with bridge deck with MSE abutments and cast-in-place wingwalls. Design responsibilities included design of Type IV beams, bearings, intermediate pile bent, end bents, load rating, and drafting a combined set for all three bridges.</p>
05/16 - 09/22	<p><b>City of Jacksonville Department of Public Works- Duval County, FL</b>  Lead Engineer and EOR responsible for structural design and furnishing design drawings for the major bridge widening and load rating of Chafee Road Over McGirts Creek Bridge No. 724373. Bridge improvements included a 2-phase bridge widening from a 2-lanes a section accommodating 4- 12' travel lanes, 10'-0" raise median, 12' shared-use path and two (2)- utility shelves. The existing bridge is 165'-0" long (6 Spans @ 27'-6" each) of 15" deep cast-in-place slab with 39 deg. skew on 18" sq. pile bents.</p>
04/17 - 10/17	<p><b>Florida Department of Transportation, District 2 - St. Johns County, FL</b>  Lead Design Engineer and EOR of Record for SR 207 over Deep Creek Dual Bridges 780111 and 780112. Due to ongoing long-term settlement of approach embankment, the project objective called for replacement of bridge approach slabs and the installation of vertical inclusions (Grout columns) with reinforced geogrid mats under approach embankment and approach slabs. Phase construction with temporary critical sheet piling was utilized to facilitate construction.</p>
6/12 - 6/14	<p><b>Florida Department of Transportation, District 3- Escambia County, FL.</b>  Engineer of Record for two bridge replacements: Beck's Lake Road Over Unnamed Brach bridge replacement consisted of furnishing a triple 5'x8' cast-in-place bridge culvert (Br. No. 484240) and Pineville Road Over Brushy Creek bridge replacement consisted of furnishing a 2-span bridge (43'-0" each) of 15" prestressed slab units with 6" composite overlay (Bridge No. 484239). Engineering responsibilities included design, load ratings and structural drafting of both bridges. Construction of Bridge 484240 involved constructing a 2-lane on-site detour with 60'-0" (2 spans @ 30'- 0") of two (2)- lane ACROW Bridge.</p>
02/18 - 06/20	<p><b>Florida Department of Transportation, District 2 - Duval County, FL</b>  Lead Design Engineer and EOR for the Jacksonville National Cemetery Access Road Bridge Replacement. The project consisted of furnishing a 2-span 19°-skew bridge (43'-6" each) of 15" prestressed slab units with 6" composite overlay (Bridge No. 724430). Engineering responsibilities included design, load ratings, structural drafting, shop drawings review and services during construction.</p>
9/18 - 3/20	<p><b>Florida Department of Transportation, District 2 - Duval County, FL</b>  Engineer of Record for overhead sign inspection and replacement for the I-10/I-95 interchange. Design responsibilities included investigating 24 existing overhead sign structures under new wind design loads on for new replacement signs. Furthermore, inspected existing overhead truss structures of non-standard truss configurations and constructed 3-D structural models of sign structures to perform wind load analysis that could not be performed using the FDOT Span Sign Program.</p>

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>				
Name	Rebecca J. Chopin, PE		Years of experience with this firm/employer	10
Title	Civil Engineer		Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization		Bachelor of Science/2013/Civil Engineering		
Active registration number / state / expiration date			41841 / LA / 03-31-2024	
Year registered	2017	Discipline	Professional Engineer - Structural	
<p><b>Contract role(s) / brief description of responsibilities</b>  <i>Civil Engineer to provide bridge design services as outlined on this project. Meets MPRs #4&amp;5.</i></p> <p>Ms. Chopin is a Civil-Structural Engineer with over 10 years of experience in structural engineering &amp; project management. She is a Registered Professional Engineer in Louisiana, Mississippi, and Alabama with expertise focused on bridge design, inspection, and rating in accordance with Load Resistance Factor Rating (LRFR) with an emphasis on LADOTD bridge design standards and procedures. She is proficient in LEAP Bridge Concrete, Mathcad, and MicroStation. Typical responsibilities include managing project teams and plan production on large scale roadway and bridge projects, preparing construction documents, leading CAD technicians and engineers, obtaining DOTD permits, creating cost estimates and bid specifications, generating bid tabulations, utility coordination, and construction administration. Ms. Chopin is a leader in the local engineering community and serves as an active member of the American Concrete Institute and past president in Louisiana (2019). She currently serves as the Louisiana Civil Engineering Conference and Show Chairwoman (2021-Present), hosting an annual convention of 500+ attendees. Ms. Chopin holds Louisiana ATSSA Traffic Control Supervisor and Traffic Control Technician certifications.</p> <p><b>Highlights:</b> LADOTD Requirements and Procedures, AASHTO Codes and Standards, Bridge Inspection Expertise, Load Resistance Factor Rating, Specialization in Concrete Structural Engineering Design</p>				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/20 - Ongoing	<p><b>Rural Bridge Replacement Initiative Phase I, Various Parishes, LA</b>            Bridge Design Team - Project includes the redesign, removal, and reconstruction of 33 bridges on the State Highway system over 16 concurrent contracts.            Specific tasks included the QC of bridge plan sheets including summary of estimated quantity tables, modifying LADOTD Special Detail sheets, and creating bridge design calculation packages according to the Bridge Design Evaluation Manual (BDEM – Revision 9).            Bridges Included: H.013952, H.013956, H.013958, H.013959, H.013970, H.013997</p>			
03/15 - Ongoing	<p><b>Mandeville Bypass Project, Mandeville, LA</b>            Bridge Design Team Lead - Completed bridge design and details for two single direction roadway bridges (simple slab spans) over Bayou Castine, including the design of the decks, intermediate bents, abutments, and approach slabs. Coordinated with Geotechnical Engineers on review of the geotechnical report. Collaborated with hydraulic engineers for the purpose of the hydraulic data table. Additional responsibilities included quantity summary tables, cost estimating, and writing technical specifications.</p>			

08/14 - Ongoing	<p><b>Earhart Expressway (LA 3139) Interchange / Causeway Blvd. (LA3046) (SPN H.002861), Jefferson Parish, LA</b>  Project Engineer and Bridge Design Team - Responsible for managing the design team, including communication with subconsultants and LADOTD. Responsibilities included completing a full inspection of existing bridge column bents and determining load carrying capabilities in accordance with LRFR as well as the structural design of multiple new ramps utilizing AASHTO girder spans. Designed several foundations, columns, and bent caps, as well as pile bents, bearing pads, and concrete decks. In addition, responsibilities include working with CAD techs on plan development of sheets such as structural details, general bridge plans, super-elevation diagrams, foundation layouts, and framing plans. Responsible for coordination with LADOTD project managers and utility coordinators on utility relocations, preparing project utility maps for meetings, and coordinating requirements of SUE work performed. Completed final plan cost estimates and technical specifications as well as bridge design waivers.</p>
07/14-Ongoing	<p><b>Peters Road Bridge and Extension Phase II &amp; III, Plaquemines Parish, LA</b>  Project Engineer and Bridge Design Team - Responsible for managing the design team, including communication with subconsultants, LADOTD, Jefferson, and Plaquemines Parish. Responsible for the bridge design of 3 bridges (2 simple, slab span bridges and 1 fixed, high-level bridge over the Intracoastal Waterway) in accordance with LADOTD and AASHTO codes and standards, including the design of concrete slab spans, pile bents, and hammerhead bents including cap, column, and foundation design. Responsibilities for both phases also include coordinating with CAD technicians on plan development for structural detail sheets, general bridge plans, super elevation diagrams, and foundation layout sheets as well as calculating bridge elevations and quantities, completing design reports, waivers, and exceptions, and coordination with LADOTD project managers. Project engineer responsible for splitting the Phase II plans into two separate phases as well as coordinating with a subconsultant on required ROW acquisitions.</p>
12/13 - 09/19	<p><b>Multiple Bridges - Bob Pettit Road &amp; Claycut Road Bridge Replacement, Baton Rouge, LA</b>  Bridge Design Team – Provided QC for the Bob Pettit Road Bridge over Bayou Fountain. The simple span bridge consists of concrete slab spans on pile bents and was designed in accordance with LRFD. Responsibilities included checking drawings, calculations, and quantities, as well as assembling the final Engineer’s cost estimate and structural calculation book.</p>
05/22 - Ongoing	<p><b>Linwood Avenue Reconstruction Phase IV, Shreveport, LA</b>  Project Manager - Responsible for communication with the City of Shreveport on project schedules and progress for an LPA project which includes the reconstruction of Linwood Avenue, a four-lane road, between W 84th Street and W 70th Street. Oversee and advise the design engineers and drafting team on all deliverables including LADOTD design reports, waivers, and exceptions. Responsible for ensuring that all QA/QC processes are met throughout the entirety of the project. Facilitate clear communication of project goals and expectations with subconsultants.</p>
06/18 - Ongoing	<p><b>Wolf Bay Bridge Final Design, Orange Beach, AL</b>  Bridge Design Team – Provided bridge design for a project connecting SR-161 across Wolf Bay to CR-95. The project will extend approximately 4.8 miles, with the bridge approximately 4,800 linear feet in length and surface streets approximately 3.9 miles long. Designed concrete bridge deck, prestressed concrete AASHTO girders, pile bents, and column bents.</p>
04/22 - 12/22	<p><b>Bridge on Pine Mountain Dr. over Old Hwy 280 - Birmingham, AL</b>  Project Manager &amp; Bridge Design Lead – Coordinated with the client as well as the City and County engineers on project progress &amp; reviews. Oversaw and directed the engineering and drafting design team to complete bridge design plans, traffic control plans, and an engineer’s estimate of cost for the project. Designed bridge superstructure and substructure elements including decks, caps, and foundations, and was responsible for detailing those elements. Was the design engineer in charge of managing the plan set and bringing the design team together to deliver the project on time.</p>

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>				
<b>Name</b>	Garrick A. Rose, AICP		<b>Years of experience with this firm/employer</b>	1
<b>Title</b>	Director of Planning		<b>Years of experience with other firm(s)/employer(s)</b>	25
<b>Degree(s) / Years / Specialization</b>	Master of Science / 1999 / Urban Planning Bachelor of Arts / 1995 / Anthropology			
<b>Active registration number / state / expiration date</b>			AICP: 016085 / lifetime	
<b>Year registered</b>	2000	<b>Discipline</b>	Planner	
<b>Contract role(s) / brief description of responsibilities</b> <i>Director of planning and Environmental Professional who will provide oversight of the title research and environmental permitting.</i>				
<p>Mr. Rose joined BKI in 2022 as our Director of Planning with over 25 years' experience as a project manager, transportation planner, &amp; GIS analyst. He has a Masters degree in Urban and Regional Planning from UNO and has taken NHI Course No. 142005, "National Environmental Policy Act (NEPA) and Transportation Decision Making" at LTRC. Early in his career, Mr. Rose worked as project planner on the I-49 South, Lafayette Airport to LA 88, and I-49 South, Wax Lake Outlet to Berwick, EIS projects and subsequently prepared Project Management Plans (PMP) as required by FHWA for mega-projects. Mr. Rose has also worked as a project planner on the I-10 Baton Rouge Major Investment Study (MIS), which looked at potential improvements to this heavily congested corridor in Baton Rouge. Mr. Rose has prepared NEPA documentation for range of federal agencies including FHWA, FRA, FTA, and the USACE as well as state DOTs and MPOs. More recently, he has been Project Manager and Transportation Planner for the LA 3132 Extension Environmental Assessment (EA) project in Shreveport, LA and Deputy Project Manager for the Linwood Ave. reconstruction project. He has continued to use GIS professionally throughout his career in planning in order to make data-driven transportation decisions.</p>				
<b>Highlights:</b> Planning, Transportation Planning				
<b>Experience dates (mm/yy–mm/yy)</b>	<b>Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).</b>			
05/22 - Ongoing	<b>New Orleans Rail Gateway Program / Jefferson Highway Rail Crossing Relocation Study, Jefferson and Orleans Parishes, LA</b> Project Manager for a Hazardous Materials Survey and Phase I ESA. Mr. Rose was responsible for identifying property owners and parcels requiring Right of Entry (ROE) for the on-site pedestrian survey. The process involved using apparent ROW drawings to identify impacted parcels and cross referencing the parcel information with tax assessor data to identify the property owner.			
0/5/22 - Ongoing	<b>Linwood Avenue Reconstruction Phase IV, Caddo Parish, Shreveport, LA</b> Deputy Project Manager for Final Design for the City of Shreveport providing survey, design, and construction administration services for the reconstruction of Linwood Avenue between W. 84th Street and W. 70th Street. In addition to Project Management, Mr. Rose assisted in field reconnaissance, collection, and analysis of existing traffic data for the roadway, and plan review for 60%, 90%, and Final design.			

05/22 - Ongoing	<p><b>Stage 1 Environmental Assessment (EA) for the LA 3132 (Inner Loop) Extension, Shreveport, LA</b></p> <p>Project Manager prepared technical documentation for the Environmental Assessment, served as primary author of the Finding of No Significant Impact (FONSI) report. The process conformed to the LADOTD Stage 1 Planning/Environmental Manual of Standard Practice and NEPA guidelines.</p>
05/22 - Ongoing	<p><b>LA 466 / 5th Street Improvements, Gretna, LA</b></p> <p>Transportation Planner responsible for securing a NEPA Categorical Exclusion (CE) Class of Action for a street diet and landscaping project in Gretna, Louisiana. The project aims to spur redevelopment along 5th Street, ensure accessibility for all users, and apply complete streets treatment to an existing roadway. The project includes pedestrian and bicycle paths, improved traffic flows, and upgraded stormwater drainage.</p>
05/22 - 08/22	<p><b>IHNC Safety and Access Planning Study, New Orleans, LA</b></p> <p>Project Manager responsible for oversight of an analysis of alternatives and performing latent demand analysis in ArcGIS. This study is a project to identify potential walking and bicycling crossing of the Inner Harbor Navigation Canal (IHNC) analyzing existing bridge crossings at the Sen. Ted Hickey Bridge (Seabrook Bridge), Danzinger Bridge (Chef Menteur), the I-10 Highrise Bridge, and the Almonaster Avenue Bridge to identify a feasible crossing to connect the City-wide bike network.</p>

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>			
Name	Renee Poole, PE	Years of experience with this firm/employer	4
Title	Civil Engineer	Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization	Bachelor of Science/2019/Civil and Environmental Engineering		
Active registration number / state / expiration date	PE.0047869 / LA / 09-30-2025		
Year registered	2023	Discipline	Professional Engineer
<b>Contract role(s) / brief description of responsibilities</b> Civil Engineer to provide hydraulic & hydrologic design on civil engineering services.			
Ms. Poole joined BKI after obtaining a degree in Civil and Environmental Engineering. She is proficient in MicroStation V8, InRoads, AutoCAD 2021, Civil3D, HEC-RAS, PC SWMM, Q-GIS, and HYDR-WIN. Her professional experience has focused on hydrologic and hydraulic analyses as well as drainage system improvements and includes full-reconstruction roadway improvement design. Ms. Poole serves as Recreation Committee Chair of the American Concrete Institute, Louisiana Chapter, and as an active Director for the Louisiana Civil Engineering Conference and Show, and is a member of the American Public Works Association. She served as President of the Society of Women Engineers' UNO student chapter, team facilitator of her senior capstone design project, and conference chair of both the ASCE and ACI student chapters.			
<b>Experience dates</b> (mm/yy–mm/yy)	<b>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc.</b> Experience dates should cover the years of experience specified in the applicable MPR(s).		
07/20 - Ongoing	<b>Rural Bridges Replacement Initiative Phase I &amp; Phase II, Various Parishes, LA,</b> Phase I completed the hydrologic, hydraulic and scour analyses for these 40+ bridge sites, both on- and off-system. Found the drainage area, hydrologic length, and slope using quad contour maps, LiDAR, or Q-GIS, and soil classification to calculate the existing channel's flow. Cut cross sections of the channel. Created a HEC-RAS model to analyze the existing structure and channel. Worked with the roadway team to determine what type of structure would be best, a suitable low cord and length for the proposed bridge or allowable sized of the culvert. Created a new HEC-RAS model for the proposed bridge and the channel improvements. Used the HEC-RAS model to analyze the proposed scour. Created and completed the criteria and hydraulic reports for this project. Completed all hydrologic work, hydraulic work, and report for each site included in the project. Also, calculated the required size of any/all driveway and erosion culverts required on the site. For Phase II reviewed each site's hydrologic & hydraulic engineering analysis and hydraulic criteria and design reports completed by subconsultant for complete reconstruction of multiple deficient bridges maintained by LA DOTD. Also, calculated the required size of any/all driveway and erosion culverts required on the site. <b>Bridges Included:</b> H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997, H.014242.5, H.014243.5, H.014245.5, H.014246, H.014247.5, H.4248.5, H.014249.5, H.0142450.5, H.014268.5		
05/19 - Ongoing	<b>Mandeville Bypass Project - Mandeville, LA</b> Project included 3.5 miles of new roadway, a multi-use path, the design of 2 roundabouts and a 140 ft. span bridge crossing Bayou Castine. Providing civil engineering services and drainage calculations for the preparation of line and grade studies, and to size the required ditches, culvert crossings, and all driveway and erosion culverts. Completed the drainage calculations and design for two roundabouts. Ran scour analysis on proposed bridge in existing HEC-RAS model provided by the owner. Preliminary plans included the preparation of typical sections, plan/profile sheets, existing and design drainage maps, geometric layouts, sequence of construction, and cross sections.		

05/19 - Ongoing	<p><b>Causeway Blvd. (LA3046) / Earhart Expressway (LA 3139) Interchange (H.002861) - Jefferson Parish, LA</b>  Designed the relocation of Jefferson Parish’s water and sewer mains for the new interchange between Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. Handled roadway and drainage design changes due to bent relocations and DOTD comments in final plans, quantity changes, and roadway plan preparation. Answered contractor questions after let date.</p>
05/22 - Ongoing	<p><b>Linwood Avenue Reconstruction Phase IV</b>  Created typical sections to adhere to the City of Shreveport’s wishes as well as DOTD standards. Created roadway geometry and baseline. Completed the required submittals in preliminary and currently working towards 60% final plan submittal. Created cost estimate and technical specifications, addressed and responded to all comments from both DOTD and the owner, supplied all required items for each submittal package, and reviewed and advised on the following: quantities, markups, design report, and design waivers and exceptions prepared by intern.</p>
05/19 - Ongoing	<p><b>LA 466 / 5th Street Improvements - Gretna, LA</b>  Analyzed the existing drainage system including all inputs from other systems, conducted a site visit to field verify unclear information from the survey, designed proposed drainage layout and used HYDR6000 and HYDR6020 to perform necessary calculations. Revised typical sections to fit both JP, Gretna, and DOTD standards. Designing the PGL and cross-sections in Civil3D. Coordinated with the landscape architect. Has completed technical specifications, design reports, design waivers and exceptions, and all the required submittals in preliminary and 60% final plans. Held the plan-in-hand meeting and addressed all necessary comments and required items for each submittal package. Created additional action item’s cost estimates and met with Owner to discuss available options. Held a utility walk-through with Atmos, Entergy, and AT&amp;T.</p>
11/20 - Ongoing	<p><b>25th Street Canal Drainage Improvements Project - Gretna, LA</b>  Analyzed the existing drainage system throughout the entire neighborhood to determine where to add equalizer pipes, how and where to reroute the flow towards the proposed pump station in a flooding event, and how to overall improve the drainage system. Began preliminary drainage design and completed a conceptual submittal of our preliminary plans for FEMA to review.</p>
05/19 - 12/21	<p><b>Wolf Bay Bridge Final Design - Orange Beach, AL</b>  Responsible for supporting the design of the bridge’s main span and approaches for a project connecting SR-161 across Wolf Bay to CR-95. Ms. Poole is reviewing storm surge assessment and creating the bridge and bay model in HEC-RAS modeling software to determine the bridge scour. The project will extend approximately 4.8 miles, with the bridge approximately 4,800 linear feet in length and surface streets approximately 3.9 miles long.</p>

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BK BURK-KLEINPETER, INC.</b>			
Name	Bailee Hurm, EI	Years of experience with this firm/employer	4
Title	Civil Engineer Intern	Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization	Bachelor of Science/2019/Civil and Environmental Engineering		
Active registration number / state / expiration date	EI.0034435 / LA / 09-30-2024		
Year registered	2020	Discipline	Engineer Intern
<b>Contract role(s) / brief description of responsibilities</b> <i>Engineer intern to provide roadway design and environmental permitting.</i>			
<p>Ms. Hurm is a Civil and Environmental Engineering graduate of the University of New Orleans (UNO). She has experience in MicroStation and InRoads, performing geometric, roadway, grading, and drainage design tasks. Ms. Hurm has worked on several projects in which she provides complete construction plan sets including typical sections, plan-profile sheets, geometric details, cross sections, construction sequencing, cost estimates, and specifications. Experienced in DOTD, AASHTO, and FHWA design criteria. Well-versed in the DOTD Minimum Design Guidelines and writing design exception reports as well as performing crash study analysis to accompany the reports. She is currently an active member of the American Society of Civil Engineers and the American Concrete Institute. The ASCE New Orleans Branch awarded Ms. Hurm the Distinguished Civil Engineer award in Spring 2019. Her previous work experience includes as an UNO engineering tutor to college students and as an engineering intern at Gaea Consultants, LLC, and Keystone Engineering, Inc.</p>			
Experience dates (mm/yy–mm/yy)	<b>Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc.</b> <b>Experience dates should cover the years of experience specified in the applicable MPR(s).</b>		
07/20 - Ongoing	<b>Rural Bridges Replacement Initiative Phase I &amp; Phase II, Various Parishes, LA,</b> For phase I, provided geometric, roadway, and drainage design elements as part of the construction document development to replace 33 bridges on the State Highway System and local roadways in Districts 03, 07, 61, and 62. <b>Bridges Included: H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997</b> For phase II, provided civil engineering design services for the complete reconstruction of multiple deficient bridges maintained by LA DOTD in the State Highway system for Districts 05,08, and 58. Performed preliminary roadway, geometric, grading, and drainage designs utilizing InRoads and MicroStation. Design elements include, but not limited to, horizontal and vertical geometry design applying stopping sight distance criteria, superelevation design, ditch design, and guard rail design. Provided preliminary and final construction drawings including typical sections, plan-profiles, geometric details, detour maps, construction sequencing, and cross sections. Provided cost estimates including quantity calculations and tables. Performed crash study analyses using the Highway Safety Manuel spreadsheet. Provided design reports and design exception reports per DOTD Minimum Design Guidelines. <b>Bridges Included: H.014242.5, H.014243.5, H.014245.5, H.014246, H.014247.5, H.4248.5, H.014249.5, H.0142450.5, H.014268.5</b>		

<p><i>04/11 - Ongoing</i></p>	<p><b>Earhart Expressway (LA 3139) Interchange / Causeway Blvd. (LA3046) (SPN H.002861), Jefferson Parish, LA</b>  Aided in roadway and structural design and plan development for the new interchange between Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. This project includes a full interchange providing all directions of movement between the two corridors. The interchange fit within a very compact footprint with very unique geometric challenges. The interchange features seven new ramps which include at-grade roadways and bridge structures.</p>
<p><i>01/20 - Ongoing</i></p>	<p><b>Plum Orchard Group C RR136 (FRC) and Group D RR137 (FRC), New Orleans, LA</b>  Completed a full drainage analysis including all necessary calculations, assumptions, and reports. Created roadway profiles to meet city standards and tie-in to the existing locations at multiple intersections and driveways. Created the complete sub-surface network analysis, for water, sewer, and drainage. Worked with the city to determine the final scope of the project. Also, put together the project specifications, cost estimate, and scoping report. Helped to complete the preliminary design, including 4 full submittals.</p>
<p><i>01/20 - Ongoing</i></p>	<p><b>West End Group F (RR198), New Orleans, LA</b>  Completed a full drainage analysis including all necessary calculations, assumptions, and reports. Created roadway profiles to meet city standards and tie-in to the existing locations at multiple intersections and driveways. Created the complete sub-surface network analysis, for water, sewer, and drainage. Worked with the city to determine the final scope of the project. Also, put together the project specifications, cost estimate, and scoping report. Helped to complete the preliminary design, including 4 full submittals.</p>

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>			
Name	Mona Nosari	Years of experience with this firm/employer	0
Title	Senior Vice President – right of way management	Years of experience with other firm(s)/employer(s)	38
Degree(s) / Years / Specialization	Undergraduate Studies, University of New Orleans American Bar Association Paralegal Certification LADOTD - Local Public Agency Qualification Core Training U.S. DOT Federal Highway Administration -Seminar No. 14121 Effective Right of Way Acquisition & Property Management		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
<b>Contract role(s) / brief description of responsibilities</b>			
<i>Mona Nosari will provide contract oversight and compliance for title research and right of way management.</i>			
Mona Nosari has over 38 years of experience in project management and land related assignments for large-scale public works projects. From right of way acquisition assignments and title research to land and document management systems implementation, Mona has developed a sound client base serving local, state and federal entities.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/17 - Ongoing	<p><b>Move Ascension Turnkey ROW Acquisition Projects, Ascension Parish, LA</b></p> <p>Mona is the Principal-in-Charge and Program Director of the Move Ascension Initiative. She provided the framework, procedures and program templates for the Move Ascension Program and works closely with the internal acquisition and relocation team to ensure compliance and mitigate risks associated with expropriations. Civix was selected to provide project support to HNTB Corporation as the lead Right of Way consultant for the “Move Ascension Initiative”, a \$35 million-dollar transportation infrastructure improvement program developed to safely move traffic within the Parish through the design and construction of improvement projects identified during the Master Transportation Planning Development phase. Civix has successfully completed acquisitions and relocations for ten (10) roadway projects, has acquired over 200 parcels with less than 1% acquired through condemnation proceedings and is currently providing turnkey right of way acquisition and relocation services for five (5) projects. Additionally, Civix developed the parish’s Right of Way Acquisition Implementation Plan in compliance with state and federal policies. The plan consists of right of way acquisition procedures, forms, templates and procedural instructions to ensure compliance with the Uniform Relocation Act.</p>		
01/12 - Ongoing	<p><b>New Orleans to Venice (NOV) and Non-Federal (NF) Levee Projects, Plaquemines Parish, LA</b></p> <p>Mona is the Principal-in-Charge and Program Director working closely with the internal abstracting, acquisition and relocation team to ensure compliance and mitigate risks associated with expropriations. Civix serves as program manager and provides right of way acquisition services to facilitate granting Authorizations for Entry to the U.S. Army Corps of Engineers (USACE) for construction of the 30 levee and floodwall projects. Civix coordinates and assists in the efforts of surveyors, appraisers, title abstractors and attorneys in the production of individual property plat maps and legal descriptions, appraisal reports, tract ownership data sheets, 50-year abstracts of title, and interim title binders and final closing documents. In addition, responsibilities include coordinating activities between the USACE and the Plaquemines Parish Government for right of way maps review and with the Louisiana Department of Transportation and Development (LA DOTD) to obtain project permits. Civix also assembles the landowner compensation packets for the appropriation of properties acquired in perpetual or temporary easements and performs relocation services for owner-occupants and tenants.</p>		

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>				
Name	Jane Dufour, AICP		Years of experience with this firm/employer	0
Title	Director - right of way management		Years of experience with other firm(s)/employer(s)	8
Degree(s) / Years / Specialization		Master of Urban & Regional Planning, University of New Orleans, 2010 BA in Historic Preservation and Community Planning, College of Charleston, 200		
Active registration number / state / expiration date			AICP Certification #: 026993 / Lifetime	
Year registered	2014	Discipline	Certified Planner	
<b>Contract role(s) / brief description of responsibilities</b> <i>Jane Dufour will provide contract planning services for right of way management.</i>  Jane Dufour is knowledgeable in all aspects of right of way acquisition including project permitting, title research, preparation of abstracts of title, negotiations, relocations, curative title, closings, and recordation. Prior to joining the staff of Civix, Jane worked for a full service architectural and planning firm where she participated in several projects providing services to ensure regulatory compliance and maintaining communication with clients and stakeholders. Jane will be the Project Manager for this initiative and oversee the title research and reporting requirements of the project. She will also provide quality control of work products.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/18 - Ongoing	<b>West Shore Lake Pontchartrain Hurricane and Storm Damage Risk Reduction System Project, St. Charles, St. John the Baptist and St. James Parishes, LA</b> Serves as Project Manager, participates in all facets of the project, and provides instructions and oversight to team members. Civix’s, as project manager support, is responsible for review of right of entry requests and accompanying drawings provided by the U.S. Army Corps of Engineers (Corps), identifying assessed landowners, title research, and preparing title research reports and landowner notification letters regarding the project, obtaining rights of entry from key landowners and permits from various agencies to facilitate surveying and investigations required by the Corps, mapping services, coordination with surveyors and appraisers, real estate acquisitions, and preparing authorizations for entry granting the Corps access to properties as needed for the project. Civix prepares maps and other visuals used in strategic meetings with the Corps (federal sponsor), PLD, and the Coastal Protection and Restoration Authority (non-federal sponsors) to prioritize acquisitions and construction sequencing.			
07/17 – 08/19	<b>U.S. 61 Culvert Installation, St. Charles Parish, LA</b> Served as Project Manager and provided Right of Way Acquisition Services. Civix was contracted to provide services for the acquisition of Temporary Construction Servitudes across 5 properties along U.S. 61 (Airline Highway). Services included title research, coordination and review oversight of right of way mapping and appraisal initiatives, preparation and presentation of Just Compensation Offers, negotiations, closings, recordation, and coordination with the LADOTD state project sponsor. Following a successful audit by the DOTD, all work was determined compliant with the Department’s guidelines for Local Public Agencies (LPA) receiving state and/or federal funds for project related construction.			

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

<p><i>09/18 – Ongoing</i></p>	<p><b>Move Ascension Turnkey ROW Acquisition Projects, Ascension Parish, LA</b> Providing managerial support to the right of way acquisition team and is provides quality control for work products. Civix was selected to provide project support to HNTB Corporation as the lead Right of Way consultant for the "Move Ascension Initiative", a \$35 million-dollar transportation infrastructure improvement program developed to safely move traffic within the Parish through the design and construction of improvement projects identified during the Master Transportation Planning Development phase. Civix has successfully completed acquisitions and relocations for ten (10) roadway projects, has acquired over 200 parcels with less than 1% acquired through condemnation proceedings and is currently providing turnkey right of way acquisition and relocation services for five (5) projects. Additionally, Civix developed the parish's Right of Way Acquisition Implementation Plan in compliance with state and federal policies. The plan consists of right of way acquisition procedures, forms, templates and procedural instructions to ensure compliance with the Uniform Relocation Act</p>
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16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>			
Name	Hubert Graves	Years of experience with this firm/employer	0
Title	Senior Land Specialist - right of way management	Years of experience with other firm(s)/employer(s)	33
Degree(s) / Years / Specialization	B.S., Finance, Minor in Real Estate, 1987, University of New Orleans		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
<b>Contract role(s) / brief description of responsibilities</b> <i>Hubert will conduct title research and prepare abstracts of title required for the project.</i>			
<p>Hubert Graves has 34 combined years of project management and right of way acquisition and relocation experience and is proficient in all aspects of the acquisition life cycle including right of way map reviews, permitting, title research, preparation of abstracts of title, negotiations, relocations, curative title and closings. Hubert has worked closely with project engineers, surveyors, appraisers and title attorneys in various stages of the acquisition life cycle and is knowledgeable of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended.</p> <p>Hubert worked over 31 consecutive years for the Louisiana Department of Transportation and Development (LADOTD) where he held several real estate positions throughout his career, most recently as the Real Estate Administrator. During his tenure with LADOTD, Hubert managed the Real Estate Section including appraisal, acquisition, contracts, consultants, relocation assistance, and property management activities. He reviewed and approved relocation assistance offers, administered the Excess Property Disposal process, and maintained LADOTD publications including real estate manuals. In addition to his hands-on experience, Hubert has completed several continuing education courses with the International Right of Way Association (IRWA) and National Highway Institute (NHI).</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/17 - Ongoing	<b>Move Ascension Turnkey ROW Acquisition Projects, Ascension Parish, LA</b> Providing managerial support to the right of way acquisition team and handles all complex acquisitions and relocations. He also coordinates with abstractors, surveyors and appraisers and provides quality control of work products. Civix was selected to provide project support to HNTB Corporation as the lead Right of Way consultant for the “Move Ascension Initiative”, a \$35 million-dollar transportation infrastructure improvement program developed to safely move traffic within the Parish through the design and construction of improvement projects identified during the Master Transportation Planning Development phase. Civix has successfully completed acquisitions and relocations for ten (10) roadway projects, has acquired over 200 parcels with less than 1% acquired through condemnation proceedings and is currently providing turnkey right of way acquisition and relocation services for five (5) projects. Additionally, Civix developed the parish’s Right of Way Acquisition Implementation Plan in compliance with state and federal policies. The plan consists of right of way acquisition procedures, forms, templates and procedural instructions to ensure compliance with the Uniform Relocation Act		

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

<p><i>01/12 - Ongoing</i></p>	<p><b>New Orleans to Venice (NOV) and Non-Federal (NF) Levee Projects, Plaquemines Parish, LA</b> Handles all project relocations in accordance with the Uniform Relocation Act. Civix's, as project manager support, is responsible for review of right of entry requests and accompanying drawings provided by the U.S. Army Corps of Engineers (Corps), identifying assessed landowners, title research, and preparing title research reports and landowner notification letters regarding the project, obtaining rights of entry from key landowners and permits from various agencies to facilitate surveying and investigations required by the Corps, mapping services, coordination with surveyors and appraisers, real estate acquisitions, and preparing authorizations for entry granting the Corps access to properties as needed for the project. Civix prepares maps and other visuals used in strategic meetings with the Corps (federal sponsor), PLD, and the Coastal Protection and Restoration Authority (non-federal sponsors) to prioritize acquisitions and construction sequencing.</p>
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16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 15 and/or 16 of the proposal. Résumés of personnel not identified in Section 15 or Section 16 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 22.

Firm employed by: <b>BKI BURK-KLEINPETER, INC.</b>				
Name	Sharon Lonero		Years of experience with this firm/employer	0
Title	Land Specialist - right of way management		Years of experience with other firm(s)/employer(s)	32
Degree(s) / Years / Specialization		B.A., Psychology, 1990, University of New Orleans		
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
<p><b>Contract role(s) / brief description of responsibilities</b>  <i>Sharon will conduct title research and prepare abstracts of title required for the project.</i></p> <p>Sharon Lonero brings over twenty-five (25) years of paralegal experience to the team and is proficient in surface and subsurface title research, preparation of abstracts of title and pipeline reports. She meets with landowners and prepares various documents for the acquisition of properties required in fee and servitude. Sharon also conducts research of the Department of Natural Resources Strategic Online National Resources Information System (SONRIS), the Bureau of Safety and Environmental Enforcement (BSEE) records, and the Office of State Lands records.</p>				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/18 - Ongoing	<p><b>West Shore Lake Pontchartrain Hurricane and Storm Damage Risk Reduction System Project, St. Charles, St. John the Baptist and St. James Parishes , LA</b></p> <p>Conducts title research, prepares title research reports, and supports right of way acquisition activities. Civix’s, as project manager support, is responsible for review of right of entry requests and accompanying drawings provided by the U.S. Army Corps of Engineers (Corps), identifying assessed landowners, title research, and preparing title research reports and landowner notification letters regarding the project, obtaining rights of entry from key landowners and permits from various agencies to facilitate surveying and investigations required by the Corps, mapping services, coordination with surveyors and appraisers, real estate acquisitions, and preparing authorizations for entry granting the Corps access to properties as needed for the project. Civix prepares maps and other visuals used in strategic meetings with the Corps (federal sponsor), PLD, and the Coastal Protection and Restoration Authority (non-federal sponsors) to prioritize acquisitions and construction sequencing.</p>			
10/17 - Present	<p><b>St. Charles Parish West Bank Hurricane Protection Levee (WBHPL), St. Charles Parish, LA</b></p> <p>Sharon, as real estate specialist, conducts title research and prepares abstracts of title, as well as agreements between the landowner, St. Charles Parish and the Lafourche Basin Levee District. Coordinates with pipeline operators to obtain permission for construction within the vicinity of their lines. The West Bank of St. Charles Parish, with a significant amount of critical infrastructure, lacks federal hurricane and storm surge protection. Throughout the project, Civix has served as the primary real estate consultant and provided a wide range of right of way acquisition and program management services for the various phases. Additionally, Civix serves as liaison between the Corps, the State of Louisiana Department of Natural Resources, the Lafourche Basin Levee District, and St. Charles Parish for the project. The West Bank Hurricane Protection Levee consists of a nine-mile system incorporating earthen levees, floodwalls, navigable water control structures and a series of pump stations. The project is part of the Upper Barataria Risk Reduction System (UBRRS), 38-mile regional hurricane protection system that has been included in the Coastal Protection and Restoration Authority 2017 Coastal Master Plan.</p>			

**16. Staff Experience:**

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by		NTB Associates, Inc.	
Name	Paul Rossini	Years of relevant experience with this employer	36.5
Title	CEO/ Principal	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		High School Diploma, 1980	
Active registration number / state / expiration date		4731 / Louisiana / 09/30/2024	
Year registered	1994	Discipline	Professional Surveyor
Contract role(s) / brief description of responsibilities		Mr. Paul Rossini, PLS will serve as NTBA Contract Administrator/ Principal-in-Charge during this contract. He will sign all contracts and assist in staffing, logistics, and QA/QC for all LADOTD services. Paul satisfies MPR No. 7 for topographic and property surveys and right-of-way map preparation per the advertisement.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/23 – 08/23	Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Principal-in-Charge of contract administration, fee negotiations, scope of work, staffing, coordination, and QA/QC for Static GPS Control, topographic surveys, property surveys, right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River.		
05/15 – 08/23	City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Principal-in-Charge of contract administration, fee negotiations, scope of work, staffing, coordination, and QA/QC for topographic surveys, Static GPS Control, property surveys, hydrographic surveying services, QL A, B, C, and D subsurface utility designation/locating. Currently, in the construction management support phase and addressing RFI’s as needed.		
08/21 – 08/23	LADOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Principal-in-Charge of contract administration, staffing, coordination, and QA/QC for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKI.		
04/21 – 08/23	LADOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Principal-in-Charge of contract administration, staffing, logistics, and QA/QC for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.		
04/22 – 04/23	LADOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Principal-in-Charge of contract administration, staffing, coordination, and QA/QC for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.		

12/17 – 07/20	<b>LADOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West &amp; East Baton Rouge Parishes, LA (H.004100.5) Principal-in-Charge</b> of contract administration, staffing, coordination, and QA/QC for <b>topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating</b> for approximately 13 miles of roadway.
11/15 – 05/17	<b>Bossier Parish Police Jury, Winfield Road Extension, East/West (LA 3 to Airline Highway) Bossier Parish, LA (DEC 15-11-03) Principal-in-Charge</b> of fee negotiations, scope of work, staffing, logistics, and QC/QA for <b>control surveys, topographic surveys, property surveys, right-of-way mapping, QL D subsurface utility services, and drainage map preparation</b> as a sub to Denmon (Volkert). <b>This Bossier Parish Roadway Design Project was the first mile of the exact same route as advertised for this LADOTD advertisement.</b>
07/16 – 03/17	<b>LADOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 &amp; H.002337.5) Principal-in-Charge</b> of fee negotiations, scope of work, staffing, logistics, and QC/QA for <b>topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation</b> for roadway rehabilitation.
04/15 – 02/16	<b>LADOTD I-20 (Airline Drive to I-220) Route I-20, Bossier Parish, LA (4400005532 &amp; H.011319.5) Principal-in-Charge</b> of contract administration, staffing, coordination, and QA/QC for <b>topographic surveying services and surveys in support of QL B, C, and D subsurface utility designating.</b>
05/13 – 10/15	<b>Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Principal-in-Charge</b> of fee negotiations, scope of work, staffing, logistics, and QC/QA for <b>topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation</b> for the use in engineering plan and specifications.
04/15 – 09/15	<b>LADOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 &amp; H.011094.5) Principal-in-Charge</b> of fee negotiations, scope of work, staffing, logistics, and QC/QA for <b>topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating</b> for bridge rehabilitation.
03/08 – 05/15	<b>Bossier Parish Police Jury, Hamilton Road Improvements (I-20 to Benton Road) Bossier Parish, LA (H.003849 &amp; 700-08-0123) Principal-in-Charge</b> of fee negotiations, scope of work, staffing, logistics, and QC/QA for <b>topographic surveys, property surveys, and final right-of-way mapping</b> for roadway rehabilitation.
03/12 – 08/13	<b>Bossier Parish Police Jury, Sligo Road Extension, Bossier Parish, LA (Agency Proj. No. Unknown) Principal-in-Charge</b> of fee negotiations, scope of work, staffing, logistics, and QC/QA for <b>topographic surveys, DTM Modeling, and point file generation</b> for the extension design covering 5.5 miles of roadway as a sub to Denmon (Volkert). <b>Utility information was also gathered along the route from One Call ticket information and contact with utility companies.</b>
01/07 – 07/12	<b>Bossier Parish Police Jury, Bellevue Road Improvements (US 80 to Winfield Road) Bossier Parish, LA (BPPJ 2010-277) Principal-in-Charge</b> of contract administration, staffing, coordination, and QA/QC for <b>topographic surveys, property surveys, and right-of-way mapping including preliminary/ final plans</b> for the widening and possible realignment of Bellevue Road.
02/11 – 08/11	<b>LADOTD I-20 Rehabilitation Westerfield Avenue to Industrial Drive, District 04, Bossier Parish, LA (H.003860.5 &amp; 700-99-0525) Principal-in-Charge</b> of contract administration, staffing, coordination, and QA/QC for <b>topographic surveying services</b> for interstate rehabilitation.
08/10 – 04/11	<b>Bossier Parish Police Jury, Poole Road Bridge Over Flat River, Bossier Parish, LA (Agency Proj. No. Unknown) Principal-in-Charge</b> of contract administration, staffing, coordination, and QA/QC for <b>topographic surveys, property mapping, and engineering design</b> for the spot replacement of a 15-span timber bridge over the Flat River in rural Bossier Parish.

Firm employed by		NTB Associates, Inc.	
Name	Bryan T. Bunch		Years of relevant experience with this employer
Title	Executive Vice President		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S. / 1988 / Survey and Land Information Systems, University of Arkansas	
Active registration number / state / expiration date		5014 / Louisiana / 03/31/2024	
Year registered	2009	Discipline	Professional Surveyor
Contract role(s) / brief description of responsibilities		Mr. Bryan Bunch, PLS will serve as NTBA Survey Project Manager for topographic surveys during this contract. Bryan will manage survey crews, processing, drafting, and submittals. . Bryan satisfies MPR No. 7 for topographic and property surveys and right-of-way map preparation per the advertisement.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/23 – 08/23	Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys, property surveys, right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River.		
08/21 – 08/23	LADOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKI.		
04/21 – 08/23	LADOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.		
04/22 – 04/23	LADOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.		
12/20 – 03/22	LADOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Survey Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection and surveys in support of QL C & D subsurface utility services.		
03/21 – 03/22	City-Parish Ward Creek at Siegen Lane, East Baton Rouge Parish, LA (22-DR-US-0013) Survey Project Manager managed field crews and technicians for control, topographic, and property surveys along with QL B, C, and D subsurface utility designating services for approximately 1,500 feet of Ward Creek.		
05/15 – 12/20	City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Quality Control Surveyor supervised south LA field crews and technicians for topographic, Static GPS Control, property, and hydrographic surveying services, and QL A, B, C, and D subsurface utility designation/locating.		
03/19 – 10/19	LADOTD US 167, LA 2: Middle Slough & Creek Bridges, Union Parish, LA (4400009385 & H. 012037.5) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveying services for bridge rehabilitation/design for two separate bridge site locations.		

06/18 – 10/18	<b>LADOTD I-10: Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 &amp; H.009087.5) Survey Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL A, B, C, and D subsurface utility designating/locating.</b>
05/16 – 06/18	<b>LADOTD LA 675 &amp; LA 87 Improvements in New Iberia, Iberia Parish, LA (4400002562 &amp; 4400006814) Survey Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, and surveys in support of QL A, B, C, and D subsurface utility designating/locating</b> for drainage rehabilitation.
11/15 – 05/17	<b>Bossier Parish Police Jury, Winfield Road Extension, East/West (LA 3 to Airline Highway) Bossier Parish, LA (DEC 15-11-03) Quality Control Surveyor</b> assisted in staffing, coordination, and QA/QC for <b>control surveys, topographic surveys, property surveys, right-of-way mapping, QL D subsurface utility services, and drainage map preparation</b> as a sub to Denmon (Volkert). <b>This Bossier Parish Roadway Design Project was the first mile of the exact same route as advertised for this LADOTD advertisement.</b>
07/16 – 03/17	<b>LADOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 &amp; H.002337.5) Survey Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation</b> for roadway rehabilitation.
04/15 – 02/16	<b>LADOTD I-20 (Airline Drive to I-220) Route I-20, Bossier Parish, LA (4400005532 &amp; H.011319.5) Asst. Project Manager</b> supervised south LA crew members and technicians for <b>topographic surveying services and surveys in support of QL B, C, and D subsurface utility designating.</b>
05/13 – 10/15	<b>Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Quality Control Surveyor</b> assisted in staffing, coordination, and QA/QC for <b>topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation</b> for the use in engineering plan and specifications.
04/15 – 09/15	<b>LADOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 &amp; H.011094.5) Quality Control Surveyor</b> assisted in staffing, coordination, and QA/QC for <b>topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating</b> for bridge rehabilitation.
03/12 – 08/13	<b>Bossier Parish Police Jury, Sligo Road Extension, Bossier Parish, LA (Agency Proj. No. Unknown) Quality Control Surveyor</b> assisted in staffing, coordination, and QA/QC for <b>topographic surveys, DTM Modeling, and point file generation</b> for the extension design covering 5.5 miles of roadway as a sub to Denmon (Volkert).
07/10 – 10/12	<b>LADOTD LA 42 Widening and Improvements District 61, Ascension Parish, LA (700-03-0125 &amp; 701-65-1538) Project Surveyor</b> directed <b>topographic and property surveys and title work</b> to locate all existing structures within 50 feet of proposed right-of-way. Bryan also managed the <b>preparation of base and final right-of-way acquisition maps.</b>
05/11 – 11/11	<b>LADOTD Goose Bayou Bridge Replacement, Route LA 45, Jefferson Parish, LA (4400000681 &amp; H.002230) Project Surveyor</b> directed <b>property surveys, title research, and the preparation of base and final right-of-way mapping.</b>
02/11 – 08/11	<b>LADOTD I-20 Rehabilitation Westerfield Avenue to Industrial Drive, District 04, Bossier Parish, LA (H.003860.5 &amp; 700-99-0525) Project Surveyor</b> assisted in the supervision of south LA field crews, file processing, drafting, and submittals for <b>topographic surveys and surveys in support of QL B, C, and D subsurface utility designating.</b>
01/09 – 11/10	<b>LADOTD MacArthur Avenue Interchange Completion (Phase I) Route US 90, Jefferson Parish, LA (701-65-0997 &amp; 283-09-0114) Project Surveyor</b> directed <b>property surveys</b> for the preparation of <b>right-of-way maps</b> for 0.5-mile segment of new construction project.

Firm employed by		NTB Associates, Inc.	
Name	Patrick Staiano	Years of relevant experience with this employer	3
Title	Staff Surveyor	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		B.S. / 2008 / Construction Management, Louisiana State University	
Active registration number / state / expiration date		5130 / Louisiana / 09/30/2023	
Year registered	2015	Discipline	Professional Surveyor
Contract role(s) / brief description of responsibilities		Mr. Patrick Staiano, PLS will serve as NTBA Assistant Project Manager during this contract. He will assist in the supervision of field crews and technicians for <b>topographic surveys, property surveys, title research, calculations, and reviewing/certifying right-of-way maps and property surveys. Patrick satisfies MPR No. 7 for property surveys and right-of-way map preparation per the advertisement.</b>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/23 – 08/23	<b>Jimmie Davis Bridge (LA 511) Design-Build, Bossier &amp; Caddo Parishes, LA (H.001779) Assistant Project Manager</b> assisting in the management of field crews and technicians for <b>Static GPS control surveys, property surveying service, title takeoffs, legal description preparation, and right-of-way mapping</b> for the design-build project to replace the Jimmy Davis Bridge across the Red River as a sub-consultant to James Construction.		
09/22 – 08/23	<b>LADOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, &amp; 58 (4400019337) Assistant Project Manager</b> assisting in the management of field crews and technicians for <b>Static GPS control surveys, property surveying services, title takeoffs, legal description preparations, and right-of-way mapping</b> for 34 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to BKL.		
09/22 – 08/23	<b>LADOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, &amp; 62 (4400019338) Assistant Project Manager</b> assisting in the management of field crews and technicians for <b>Static GPS control surveys, property surveying services, title takeoffs, legal description preparations, and right-of-way mapping</b> for 21 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to Sigma.		
09/22 – 08/23	<b>CenterPoint Surveying Services, Various Parishes, LA (Agency Proj. Nos. Unknown) Assistant Project Manager</b> assisting in the management of field crews and technicians for <b>property surveys and topographic surveys, title takeoffs, boundary and right-of-way calculations</b> , and reviews CADD drawings and plats.		
03/18 – 02/21 09/22 – 08/23	<b>Apache Corporation, Infrastructure Improvements, Permian Basin, Reeves Counties, TX (Agency Proj. Nos. Unknown) Project Manager</b> managing <b>property surveying services and right-of-way acquisition mapping</b> for approximately 84 miles of infrastructure improvements.		
03/18 – 02/21 09/22 – 08/23	<b>Targa Pipeline, Natural Gas Gathering System, Howard and Martin Counties, TX (Agency Proj. Nos. Unknown) Quality Control Surveyor</b> reviewing drafting and <b>property acquisition plats</b> as well as assisting with management of <b>property surveying services</b> .		
04/22 – 04/23	<b>LADOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Quality Control Surveyor</b> reviewing data and deliverables for <b>Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C &amp; D subsurface utility services, drainage map preparation</b> , and Mobile Laser Scanning for interstate rehabilitation.		

03/21 – 08/22	<b>MOVEBR Jefferson Hwy. at Bluebonnet Intersection Improvements, LA (City Parish No. 20+CP-HC-0046) Project Manager</b> managing field crews and technicians for <b>topographic surveys, property surveys, and right-of-way mapping.</b>
03/18 – 07/20	<b>LADOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West &amp; East Baton Rouge Parishes, LA (H.004100.5) Quality Control Surveyor</b> reviewed field data, processing, and drafting for <b>topographic surveys</b> utilizing <b>HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating</b> for approximately 13 miles of roadway.
09/19 – 02/20	<b>DCP Midstream, MaBee Ranch Line Locates, Martin and Andrews Counties, TX (19-056-001) Project Surveyor</b> directed <b>topographic surveying services and surveys in support of QL A, B, C, and D subsurface utility designating/locating</b> for locating 32 individual pipelines totaling approximately 22 miles in support of property acquisition services.
06/18 – 10/18	<b>LADOTD I-10: Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 &amp; H.009087.5) Quality Control Surveyor</b> reviewed field data, processing, and drafting for <b>topographic surveys</b> utilizing <b>HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL A, B, C, and D subsurface utility designating/locating</b> for approximately 2 miles.
03/18 – 10/18	<b>Rogillio Resubdivision, East Baton Rouge &amp; East Feliciana Parishes, LA (Agency Proj. No. Unknown) Assistant Project Manager</b> performing <b>title takeoffs, boundary, and right-of-way calculations</b> , and reviewing CADD drawings and plats for resubdivision services for 93 acres.
04/18 – 06/18	<b>LADOTD LA 675 &amp; LA 87 Improvements in New Iberia, Iberia Parish, LA (4400002562 &amp; 4400006814) Quality Control Surveyor</b> reviewed field data, processing, and drafting for <b>topographic surveys</b> utilizing <b>HDS 3D Terrestrial Laser Scanning methods of data collection, and surveys in support of QL A, B, C, and D subsurface utility designating/locating.</b>
09/17 – 01/18	<b>LADOTD LA 1026: Roundabout at Buddy Ellis Road, Livingston Parish, LA (H.011824) Project Surveyor</b> performed <b>property surveys and prepared title work and right-of-way maps.</b>
05/17 – 09/17	<b>LADOTD LA 59: Roundabout @ Lonesome Road, Tangipahoa Parish, LA (H.011030) Project Surveyor</b> performed <b>property surveys and prepared title work and right-of-way maps.</b>
03/16 – 08/17	<b>LADOTD LA 59: Curve Realign and Tunnel at Tammany Trace, St. Tammany Parish, LA (H.010184) Project Surveyor</b> performed <b>property surveys and prepared title work and right-of-way maps.</b>
03/17 – 07/17	<b>LADOTD LA 1042: Bridges Near Greensburg, St. Helena Parish, LA (H.008312) Project Surveyor</b> performed <b>property surveys and prepared title work and right-of-way maps.</b>

Firm employed by		NTB Associates, Inc.	
Name	Grant Gilleon	Years of relevant experience with this employer	15
Title	Vice President	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		B.S. / 1987 / Construction Engineering Technology, University of Southern Mississippi	
Active registration number / state / expiration date		4976 / Louisiana / 03/31/2024	
Year registered	2007	Discipline	Professional Surveyor
Contract role(s) / brief description of responsibilities		Mr. Grant Gilleon, PLS will serve as NTBA Quality Control Surveyor during this contract. He will assist in the management of field crews, processing, and drafting.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/23 – 08/23	Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Quality Control Surveyor assisting in staffing and coordination for Static GPS control surveys, property surveying service, title takeoffs, legal description preparation, and right-of-way mapping for the design-build project to replace the Jimmy Davis Bridge across the Red River as a sub-consultant to James Construction.		
08/22 – 08/23	CenterPoint Surveying Services, Various Parishes, LA (Agency Proj. Nos. Unknown) Project Manager directing field crews and technicians for property surveys and topographic surveys, title takeoffs, boundary and right-of-way calculations, CADD drawings, and plats.		
04/21 – 08/23	LADOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Quality Control Surveyor assisting in staffing and coordination for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.		
05/15 – 08/23	City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Project Manager directing field crews, file processing, drafting, and submittals for topographic, Static GPS Control, property, hydrographic surveying services, and QL A, B, C, and D subsurface utility designation/locating for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge. Currently, in the construction management support phase and addressing RFI’s as needed.		
09/14 – 08/23	USDA/NRCS Property Surveying Services, LA (AG-7217-C-14-0010, AG-2B46-S-16-0004, & 12FPC319D0016) Project Manager directing field crews, file processing, drafting, and submittals for property surveying services and map and plat preparation for over 9,000 acres.		
04/22 – 04/23	LADOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Quality Control Surveyor reviewing data and deliverables for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.		
12/20 – 03/22	LADOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Quality Control Surveyor assisted in the management of field crews and technicians for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, Static GPS Control, hydrographic surveys, and QL C & D subsurface utility services for bridge repair/rehabilitation.		
05/21 – 12/21	Bossier Parish Police Jury, Linton Road Cutoff Intersection Redesign, Bossier Parish, LA (BPPJ 2021-126) Project Manager directed field crews for control surveys, topographic surveys, and property surveys in support of an evaluation to improve the intersection and produce a preliminary layout for a new intersection design.		

12/17 – 07/20	<b>LADOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West &amp; East Baton Rouge Parishes, LA (H.004100.5) Assistant Project Manager</b> assisted in staffing and coordination for <b>topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating</b> for approximately 13 miles of roadway.
11/15 – 05/17	<b>Bossier Parish Police Jury, Winfield Road Extension, East/West (LA 3 to Airline Highway) Bossier Parish, LA (DEC 15-11-03) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>control surveys, topographic surveys, property surveys, right-of-way mapping, QL D subsurface utility services, and drainage map preparation</b> as a sub to Denmon (Volkert). <b>This Bossier Parish Roadway Design Project was the first mile of the exact same route as advertised for this LADOTD advertisement.</b>
04/15 – 02/16	<b>LADOTD I-20 (Airline Drive to I-220) Route I-20, Bossier Parish, LA (4400005532 &amp; H.011319.5) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveying services and surveys in support of QL B, C, and D subsurface utility designating</b> for interstate rehabilitation.
05/13 – 10/15	<b>Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation</b> for the use in engineering plan and specifications.
04/15 – 09/15	<b>LADOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 &amp; H.011094.5) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating</b> for bridge rehabilitation.
03/08 – 05/15	<b>Bossier Parish Police Jury, Hamilton Road Improvements (I-20 to Benton Road) Bossier Parish, LA (H.003849 &amp; 700-08-0123) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveys, property surveys, and final right-of-way mapping</b> for roadway rehabilitation.
03/12 – 08/13	<b>Bossier Parish Police Jury, Sligo Road Extension, Bossier Parish, LA (Agency Proj. No. Unknown) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveys, DTM Modeling, and point file generation</b> for the extension design covering 5.5 miles of roadway as a sub to Denmon (Volkert). <b>Utility information was also gathered along the route from One Call ticket information and contact with utility companies.</b>
06/13 – 06/13	<b>LADOTD Westerfield at I-20 Locating Utilities, Bossier Parish, LA (H.003263) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveying services and surveys in support of QL A subsurface utility locating</b> for interstate rehabilitation.
12/12 – 12/12	<b>LADOTD I-49 Survey Subsurface Utilities, Caddo Parish, LA (H.00388.5) Project Manager</b> directed field crews, file processing, drafting, and submittals for <b>topographic surveying services and surveys in support of QL A subsurface utility locating</b> for interstate rehabilitation.
03/08 – 07/12	<b>Bossier Parish Police Jury, Bellevue Road Improvements (US 80 to Winfield Road) Bossier Parish, LA (BPPJ 2010-277) Quality Control Surveyor</b> assisted in staffing, coordination, and QA/QC for <b>topographic surveys, property surveys, and right-of-way mapping including preliminary/ final plans</b> for the widening and possible realignment of Bellevue Road.
08/10 – 04/11	<b>Bossier Parish Police Jury, Poole Road Bridge Over Flat River, Bossier Parish, LA (Agency Proj. No. Unknown) Quality Control Surveyor</b> assisted in staffing, coordination, and QA/QC for <b>topographic surveys, boundary mapping, and engineering design</b> for the spot replacement of a 15-span timber bridge over the Flat River in rural Bossier Parish.

Firm employed by		NTB Associates, Inc.	
Name	Amy Schulze	Years of relevant experience with this employer	5
Title	Project Engineer	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		B.S. / 1998 / Civil Engineering, Ohio Northern University CFM National Certification: US-16-08839 / Electro-Magnetic Locating Instruments Certified / Certificate of Locating Competency #WA2028 (Staking University)	
Active registration number / state / expiration date		30295 / Louisiana / 03/31/2025	
Year registered	2002	Discipline	Professional Engineer
Contract role(s) / brief description of responsibilities		Mrs. Amy Schulze, PE, CFM will serve as NTBA Project Engineer for SUE Services during this contract. She will supervise and manage all subsurface utility engineering services.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/23 – 08/23	Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) SUE Project Manager for QL A, B, C, & D subsurface utility designating/locating and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River.		
01/19 – 08/23	LADOTD IDIQ Contract for SUE Services – Task Orders No. 1 -4, East Baton Rouge, LA (4400014660) SUE Project Manager for QL B subsurface utility designating for several additional areas around the I-10 corridor in conjunction with the on-going design-build contract.		
08/21 – 08/23	LADOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) SUE Project Manager for QL C and D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKL.		
04/21 – 08/23	LADOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) SUE Project Manager for QL C and D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.		
04/22 – 04/23	LADOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) SUE Project Manager for QL C and D subsurface utility services for interstate rehabilitation.		
03/22 – 03/22	City of Baton Rouge/East Baton Rouge Parish, MOVEBR Bluebonnet Blvd. (Perkins – Picardy) East Baton Rouge Parish, LA (19-CP-HC-0034) SUE Project Manager for QL A, B, C, and D utility designating/locating throughout the approximately 1.5 miles of the project corridor.		
03/21 – 03/22	City-Parish Ward Creek at Siegen Lane, East Baton Rouge Parish, LA (22-DR-US-0013) SUE Project Manager for QL B, C, and D subsurface utility designating for approximately 1,500 feet of Ward Creek.		
07/21 – 12/21	Bossier Parish Police Jury, Linton Road Cutoff Intersection Redesign, Bossier Parish, LA (BPPJ 2021-126) Project Engineer evaluated options to improve the intersection including QL C subsurface utility services to produce a preliminary layout for a new intersection design.		
04/18 – 12/20	City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) SUE Project Manager for QL A, B, C, and D subsurface utility designating/locating in support of surveys and right-of-way mapping.		
04/18 – 07/20	LADOTD I-10: LA 415 to Essen Lane, West & East Baton Rouge Parishes, LA (H.004100.5) SUE Project Manager for QL B, C, and D subsurface utility designating and surveys in support of QL B, C, and D subsurface utility designating for approximately 13 miles of roadway.		
12/18 – 01/20	LADOTD LA 951: Roadway Washout Repairs, East Feliciana Parish, LA (H.013643) SUE Project Manager for QL A, B, C, and D subsurface utility designating/locating and surveys in support of QL A, B, C, and D subsurface utility designating/locating for approximately 2,600 feet of roadway.		
06/18 – 10/18	LADOTD I-10: Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) SUE Project Manager for QL B, C, and D subsurface utility designating as well as for surveys in support of QL A, B, C, and D subsurface utility designating/locating.		

Firm employed by		NTB Associates, Inc.	
Name	T.J. Sitton		Years of relevant experience with this employer
Title	Technician		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		A.S. / 2005 / Drafting and Design Technology, Louisiana Technical College Leica's LIDAR Scanning Courses and Cyclone Software Courses, 2013	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Ms. T.J. Sitton will serve as an NTBA Technician during this contract. She will process data for topographic survey property surveys, surveys in support of subsurface utility designating, and draft base and final right-of-way maps.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/23 – 08/23	Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Technician processing data and drafting files for Static GPS Control, topographic surveys, property surveys, right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River.		
08/21 – 08/23	LADOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Technician processing data and drafting files for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKI.		
04/21 – 08/23	LADOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Technician processing data and drafting files for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.		
02/23 – 08/23	I-10/ I-110 SUE Services, East Baton Rouge Parish, LA (Task Order No. 4) (4400014660) Technician processing field data for topographic surveys and QL B subsurface utility services for additional areas around and below the I-10 and I-110 flyover interchange including plan preparation		
04/22 – 04/23	LADOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Technician processing data and drafting files for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.		
08/21 – 08/21	Bossier Parish Police Jury, Linton Road Cutoff Intersection Redesign, Bossier Parish, LA (BPPJ 2021-126) Technician processed data for control surveys, topographic surveys, property surveys, and QL C subsurface utility services to produce the preliminary design for a new intersection.		
05/15 – 12/20	City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Technician processed field data for topographic and property surveys along with surveys in support of QL B, C, and D subsurface utility designating.		

12/17 – 07/20	<b>LADOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West &amp; East Baton Rouge Parishes, LA (H.004100.5) Technician</b> processed field data for <b>topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating</b> for approximately 13 miles of roadway.
07/16 – 03/17	<b>LADOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 &amp; H.002337.5) Technician</b> processed data and drafted files for <b>topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation</b> for roadway rehabilitation.
10/15 – 07/16	<b>LADOTD MacArthur Interchange Completion (Phase II) Route US 90-Z, Jefferson Parish, LA (4400005142 &amp; H.011309.5) Technician</b> processed data for <b>topographic surveys and surveys in support of QL A, B, C, &amp; D subsurface utility designating/locating</b> as a sub-consultant to SDR Engineering.
04/15 – 02/16	<b>LADOTD I-20 (Airline Drive to I-220) Route I-20, Bossier Parish, LA (4400005532 &amp; H.011319.5) Technician</b> processed field data for <b>topographic surveys and surveys in support of QL B, C, and D subsurface utility designating</b> along the I-20 corridor as marked in the field by SUE contractor.
05/13 – 10/15	<b>Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Technician</b> processed data and drafted files for <b>topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation</b> for the use in engineering plan and specifications.
04/15 – 09/15	<b>LADOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 &amp; H.011094.5) Technician</b> processed data and drafted files for <b>topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating</b> for bridge rehabilitation.
03/12 – 08/13	<b>Bossier Parish Police Jury, Sligo Road Extension, Bossier Parish, LA (Agency Proj. No. Unknown) Technician</b> processed data for <b>topographic surveys, DTM Modeling, and point file generation</b> for the extension design covering 5.5 miles of roadway as a sub to Denmon (Volkert). <b>Utility information was also gathered along the route from One Call ticket information and contact with utility companies.</b>
07/10 – 10/12	<b>LADOTD LA 42 Widening and Improvements, District 61, Ascension Parish, LA (700-03-0125 &amp; 701-65-1538) Technician</b> processed field data for <b>property surveys and performed calculations for the preparation of base and final right-of-way maps.</b>
02/11 – 08/11	<b>LADOTD I-20 Rehabilitation Westerfield Avenue to Industrial Drive, District 04, Bossier Parish, LA (H.003860.5 &amp; 700-99-0525) Technician</b> processed field data for <b>topographic surveys, HDS 3D Terrestrial Laser Scanning, and surveys in support of QL B, C, and D subsurface utility designating.</b>

Firm employed by		NTB Associates, Inc.	
Name	William Offer	Years of relevant experience with this employer	7
Title	Party Chief	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		A.S. / Science in Surveying / Great Basin College of Nevada – Currently enrolled	
Active registration number / state / expiration date		1110631 / TX / 05/09/2023	
Year registered	2022	Discipline	SIT
Contract role(s) / brief description of responsibilities		Mr. William Offer will serve as an NTBA Survey Party Chief during this contract. He will oversee field crews and download and process data for <b>topographic surveys, property surveys, and surveys in support of SUE services.</b>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/21 – 08/23	<b>Jimmie Davis Bridge (LA 511) Design-Build, Bossier &amp; Caddo Parishes, LA (H.001779) Survey Party Chief</b> overseeing field crews and processing data for <b>Static GPS Control, topographic surveys, property surveys, and surveys in support of QL A, B, C &amp; D subsurface utility designating/ locating</b> for the design-build project to replace the Jimmy Davis Bridge across the Red River.		
01/23 – 08/23	<b>CenterPoint Energy Surveying Services, LA (Various CP Proj. Nos.) Survey Party Chief</b> overseeing a field crew and processing data for <b>topographic surveys, property surveys, and right-of-way surveys</b> for multiple project locations as a sub to JW Porter then as the prime to CenterPoint.		
08/21 – 08/23	<b>LADOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, &amp; 58 (4400019337) Survey Party Chief</b> overseeing a field crew and processing data for <b>topographic surveys, property surveys, and surveys in support of QL C &amp; D subsurface utility services</b> for 34 bridge and culvert replacements as a sub-consultant to BKI.		
04/21 – 08/23	<b>LADOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, &amp; 62 (4400019338) Survey Party Chief</b> overseeing a field crew and processing data for <b>topographic surveys, property surveys, and surveys in support of QL C &amp; D subsurface utility services</b> for 21 bridge and culvert replacements as a sub-consultant to Sigma.		
02/23 – 08/23	<b>LADOTD Watershed Initiative (LWI) Modeling Contract – Region 1 (4400017067) Survey Party Chief</b> overseeing a field crew and processing data for <b>topographic surveys</b> for drainage basin modeling as a sub-consultant to Atkins.		
02/17 – 07/23	<b>USDA/NRCS Property Surveying Services, LA (AG-7217-C-14-0010, AG-2B46-S-16-0004, &amp; 12FPC319D0016) Survey Party Chief</b> ran a field crew and downloaded data for <b>property surveying services and map and plat preparation</b> for over 9,000 acres.		
04/22 – 04/23	<b>LADOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Survey Party Chief</b> ran a field crew and downloaded data for <b>topographic surveys and surveys in support of QL C &amp; D subsurface utility services and drainage map preparation</b> for interstate rehabilitation.		
10/21 – 02/22	<b>LADOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Survey Party Chief</b> ran a field crew and downloaded data for <b>topographic surveys and surveys in support of QL C &amp; D subsurface utility services</b> for bridge repair/rehabilitation.		
05/21 – 09/21	<b>Bossier Parish Police Jury, Linton Road Cutoff Intersection Redesign, Bossier Parish, LA (BPPJ 2021-126) Survey Party Chief</b> ran a field crew and downloaded data for <b>control surveys, topographic surveys, and property surveys</b> in support of an evaluation to improve the intersection and produce a preliminary layout for a new intersection design.		

04/21 – 04/21	<b>I-10/ I-110 SUE Services, East Baton Rouge Parish, LA (Task Order No. 1) (4400014660) Survey Party Chief</b> ran a field crew and downloaded data for <b>topographic surveys and surveys in support of QL B subsurface utility designating</b> for additional areas around and below the I-10 and I-110 flyover interchange including plan preparation
08/20 – 08/20	<b>Enterprise Products, Rosedale Place Subdivision Survey, Bossier Parish, LA (Agency Proj. No. Unknown) Survey Party Chief</b> ran a field crew and downloaded data for <b>property surveying services</b> to determine the location of a section line and its relationship to an existing pipeline. Section corners were searched for recovered and located as well as an existing pipeline.
03/17 – 12/20	<b>City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Survey Party Chief</b> ran a field crew and downloaded data for <b>control surveys, topographic surveys, property surveys, and surveys in support of QL C &amp; D subsurface utility services</b> for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge.
12/17 – 07/20	<b>LADOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West &amp; East Baton Rouge Parishes, LA (H.004100.5) Survey Party Chief</b> overseeing a field crew and downloaded data for <b>topographic surveys and surveys in support of QL C &amp; D subsurface utility services</b> for interstate rehabilitation.
02/17 – 08/19	<b>City of Shreveport, CD 1-105-108 Sewer Rehab, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief</b> ran a field crew and downloaded data for <b>topographic surveys</b> for sewer rehabilitation.
12/17 – 05/19	<b>City of Shreveport, CD 1-121 Sewer Rehab, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief</b> ran a field crew and downloaded data for <b>topographic surveys</b> for sewer rehabilitation.
12/17 – 10/18	<b>City of Shreveport, CD 126 Sewer Rehab, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Part Chief</b> ran a field crew and downloaded data for <b>topographic surveys</b> for sewer rehabilitation.
10/17 – 02/18	<b>City of Shreveport, CD 1-103 Canal and Valley View Rehab, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief</b> ran a field crew and downloaded data for <b>topographic surveys</b> for sewer rehabilitation.
08/17 – 12/17	<b>City of Shreveport, CD 142 Rehab Wallace &amp; W. 62<sup>nd</sup>, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief</b> ran a field crew and downloaded data for <b>topographic surveys</b> for sewer rehabilitation.

## 16. Staff Experience

Firm employed by Dave Rambaran Geosciences, LLC				
Name	Dave Rambaran, PE		Years of experience with this firm/employer	11.5
Title	Principal / Sr. Geotechnical Engineer		Years of experience with other firm(s)/employer(s)	16.5
Degree(s) / Years / Specialization		BS / 1995/ Civil Engineering		
Active registration number / state / expiration date		PE No. 31941 / LA / 03-31-2024		
Year registered	2005	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Geotechnical Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
01/14 – 9/2020	<p><b>Twelve Mile Bayou Pump Station Modifications, Shreveport, LA:</b> Geotechnical investigation was performed at the existing Twelve Mile Bayou Pump Station site and access road in Shreveport, Louisiana. The investigation included soil boring and laboratory testing, visual observation of the sheet pile wall to determine likely cause of failure, and recommendations for the foundation of the surge tank, reinforced concrete retaining wall recommendations, foundation and wall design parameters for new meter station concrete vault, and pavement recommendations. Also, a seismic study was performed for the site. I served as the Senior Geotechnical Engineer for this project. Consultation, Construction Testing and Inspection to observe construction, test concrete, soils and pile placement; also gave professional opinions of materials or conditions and provide opinions for remedial actions or alternate methods as may be needed to facilitate the contractors work.</p>			
10/14 – 09/15	<p><b>Bentler Steel / Tube Sammy Dispatch Lay Down Area, Caddo Bossier Port, Shreveport, LA:</b> A geotechnical investigation was performed to provide a pavement section for excessively heavy traffic and wheel loading. I served as the Senior Geotechnical Engineer for this project.</p>			
12/15 – 12/18	<p><b>Rehabilitation of Taxiway A, D, J, M &amp; Q, Also G, H, P, &amp; R DTA, Shreveport, LA:</b> Performed boring to provide a geotechnical boring log with CBR logs, moisture profiles and determine general subsurface soils at the location provided. Information was provided for FAARFIELD airport pavement design.</p>			
12/17 – 12/22	<p><b>Runway &amp; Taxiway Shift &amp; Extension 5-23 Shreveport DTA, Shreveport, LA:</b> Geotechnical borings with CBR logs, moisture profiles, and CBR profiles for the above referenced site. Our recommendations included pavement design and site grading considerations. Consolidation analysis and flooding impacts. Environmental impact of use of onsite materials and savings. Information was provided for FAARFIELD airport pavement design. QA Testing services. RPR inspection and monitoring.</p>			
01/16 – 12/22	<p><b>Task Order 1-112/ 1-129/ 1-106/ 1-110/ 1-114/ 1-135/ 1-132/ 1-152/ 1-153/ 1-154/ MSA #02, Project 14-F006, Shreveport, LA:</b> A geotechnical investigation was performed for this project consisting of 7 auger borings for piping and manholes. The investigation included soil boring and laboratory testing, visual observation of the site and historical aerial search, and recommendations for suitable piping/ manhole material, type, class, etc.; suitable installation techniques; and testing and commissioning requirements. Mr. Rambaran served as the Senior Geotechnical Engineer for this project.</p>			
01/16 – 09/18	<p><b>Huntington Lift Station Access Road &amp; Bridge Crossing, Shreveport, LA:</b> A geotechnical investigation was performed for this project consisting of a new bridge and crossing and access road of 1,200 and 1,300 leaner feet. The investigation included soil boring and laboratory testing, visual observation of the site and historical aerial search, and recommendations for the deep foundation with active and passive earth pressures, and pavement recommendations. Mr. Rambaran served as the Senior Geotechnical Engineer for this project. QA Testing &amp; Onsite observation during construction. Driven Pile program Load Testing and conformance monitoring</p>			
12/16 – 12/18	<p><b>Barksdale Air Force Base Storm Sewer Revitalization &amp; Replacement, BAFB, LA:</b> Geotechnical Engineer of Record for Design Build QC &amp; Design. Geotechnical investigation for unknown subsurface conditions was performed for this project. The investigation included soil boring and laboratory testing, visual observation of the site and historical aerial search, and recommendations for the utility foundation, bedding. Mr. Rambaran served as QC and Senior Geotechnical Engineer for this project. Concrete, soil testing. Dewatering system recommendations.</p>			
12/19 – Present	<p><b>Barksdale Air Force Base Consolidated Communication Facility, BAFB, LA:</b> A geotechnical investigation was performed for three-story federal building with seismic and earthquake recommendations. The investigation included soil boring and laboratory testing, visual observation of the site and historical aerial search, and recommendations for the deep foundation with active and passive earth pressures, seismic classification, and earthquake design recommendations. Mr. Rambaran served as the Senior Geotechnical Engineer for this project. He was also the Senior Inspector of Record for project and design, review design and confirm construction procedures and products are in accordance with construction documents. He also performed</p>			

## 16. Staff Experience

	construction testing and inspection to observe construction, test concrete, soils and pile placement; also give professional opinions of materials or conditions and provide opinions for remedial actions or alternate methods as may be needed to facilitate the contractors work.
10/19 – 08/20	<b>Tunneling Beck Branch Parallel Interceptor 36 to 72 inches Diameter Pipe Plano, TX:</b> QC Testing/ Construction Monitoring and Inspection to observe construction, test concrete/grout, soils, stone; also give professional opinions of materials or conditions and provide opinions for remedial actions or alternate methods as may be needed to facilitate the contractors work.
03/16 – 12/20	<b>Bridge 171, 172 &amp; 173 Woolworth Road Caddo Parish Road &amp; Bridge Crossing, Shreveport, LA:</b> Three geotechnical investigation were performed for this project consisting of a new bridge and crossing and onramp access. The investigation included soil boring and laboratory testing, visual observation of the site and historical aerial search, and recommendations for the deep foundation with active and passive earth pressures, soil supported box culvert large opening bridge crossing and pavement recommendations. Mr. Rambaran served as the Senior Geotechnical Engineer for this project.
09/18-12/20	<b>North Regional WWTP North Levee Repair, COS, Shreveport, LA:</b> Perform Geotechnical Analysis. Assign lab tests on samples collected. Make recommendations provided engineering report to address the specific project design, construction, and quality control requirements. Assist in identifying the problems and the probable causes of the results of laboratory testing and analyze to establish the facts and parameters involved. Verify boring logs, perform engineering analysis, slope stability analysis, and prepare geotechnical reports in compliance with the standards and specifications. Performed Slope Stability Analysis and provided respective FOS and engineering recommendations
06/22-Present	<b>Project #8-15 Walter O Bigby Carriageway Kelly Ave to Benton Hwy Bossier City, LA:</b> Provided onsite inspection and QC for the client. Based on contractor's completed work performing on-site inspection. During concrete placement tested fresh concrete for compliance of field placement. In accordance with required standards casting compressive strength test specimens. Laboratory Testing on Select Samples.
Career History	Columbus Georgia Staff Engineer 1996 to 1997; Eastern Sea Board QA Engineer/ Branch Manager 1997 to 1999; Eastern Coast & Gulf Auger Cast Pile Foundation QC & Testing Engineer 1999 to 2000; Assistant Branch Manager Staff Engineer Texas 2000 to 2004; North Louisiana Branch Manager 2004 to 2008; Branch Manager 2008 to 2011 Louisiana; Principal CEO 2011 to Present; Concrete Testing / Radiation Safety Officer, Density Gauge Operator, Deep/Shallow Foundations QA / QC; OSHA 29CFR 1910.120 HAZWOPER; Asbestos Inspector GA; ASCE Shreveport Chapter Past President 2013 & 2014; NSPE; Louisiana Engineering Society – Shreveport President 2007 & 2008; Louisiana Engineering Society – Baton Rouge Director 2007 & 2008 (member since 2004); TSPE East Texas & Waco Branch – Vice President 2000 – 2005; Ft Worth & Dallas ASCE & TSPE Member; Texas Licensed 2004

## 16. Staff Experience

Firm employed by Dave Rambaran Geosciences, LLC				
Name	Lloyd Hoover, PE, PG, PLS		Years of experience with this firm/employer	1
Title	Supervising Engineer/ Engineer		Years of experience with other firm(s)/employer(s)	56
Degree(s) / Years / Specialization		BS / 1965 / Civil Engineering (Geotechnical)		
Active registration number / state / expiration date		PE No. 11968 / LA / 09-30-2023; PLS No. 1946 / LA / 09-30-2023		
Year registered	1969	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Senior Geotechnical Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
03/65 – 09/68	<b>I-10 Sorrento to LaPlace, LA:</b> Field Engineer for drilling in McLeRoy Swamps. Set profiles for excavation of muck/sludge. Project was awarded Top in Last 100 Years for Highway Projects			
05/65 – 12/68	<b>I-10 Atchafalaya Crossing:</b> Field Engineer-In Charge of advanced test pile program.			
02/85 – 07/95	<b>I-49 Subsurface:</b> Geotechnical Engineer on various projects for I-49.			
02/75 – 08/78	<b>Clyde Fant Parkway, Shreveport, LA:</b> Geotechnical engineering and construction materials engineering.			
03/91 – 11/94	<b>I-20 Exchange and Overpass- Ruston, LA:</b> Geotechnical engineering.			
02/08 – 11/08	<b>Air Cargo Facility:</b> Project Engineer. Performed geotechnical engineering for the design of airport pavement. Served as Project Manager for field testing. Served as Construction Materials Engineer.			
03/07– 07/07	<b>West Partial Parallel Taxiway Project- Shreveport, Louisiana:</b> Project Engineer performed geotechnical engineering services for airport paving. Shreveport Airport Authority was the client.			
Career History	Mr. Hoover has over 57 years of experience in geotechnical engineering, construction materials engineering and environmental engineering. He has supervised, reviewed, or performed work on over 5,000 geotechnical and environmental projects and over 4,000 construction materials engineering projects.			

## 16. Staff Experience

Firm employed by Dave Rambaran Geosciences, LLC				
Name	William Fegley		Years of experience with this firm/employer	1
Title	Geologist/Driller		Years of experience with other firm(s)/employer(s)	18
Degree(s) / Years / Specialization		BS / 2005 / Biology		
Active registration number / state / expiration date		License No. 0755 / LA		
Year registered	2014	Discipline	Professional Geoscientist	
Contract role(s) / brief description of responsibilities		Geologist/ Geotechnical Logging and Classification/ Driller		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
01/09– 12/09	<b>Environmental Audits, Marrero, LA:</b> Mr. Fegley was responsible for the audit of environmental and civil permits of an existing facility during the acquisition of a fuel terminal along the Gulf Coast and managed the site investigation and remediation at the same fuel terminal. The investigation revealed pits that had been used as recently as the 1970s during the cleaning of the tanks. Mr. Fegley conducted oversight of the remediation efforts and was able to receive a No Further Action letter from the Louisiana Department of Environmental Quality.			
08/21 – 08/21	<b>Phase I, Well Fields Central Louisiana and East Texas:</b> Mr. Fegley conducted four large scale Phase I ESAs for Oil & Gas companies during acquisition of well fields in central Louisiana and east Texas that included tank batteries, offices, compressor stations, wells, and other associated oilfield equipment. These fields were original domestic drilling projects and exhibited signs of contamination around wells and tank batteries. In each case the purchaser accepted the responsibility of the existing liabilities without further investigation.			
01/08 – 01/09	<b>Lead Risk Assessments, Residential Structures, New Orleans, LA:</b> Mr. Fegley conducted lead risk assessments of residential and municipal structures in conjunction with the Louisiana Road Home Project after Hurricane Katrina. Evaluations were submitted to the lead contractor for funding disbursement.			
04/18– 07/18	<b>UST Assessment and Removal, Springhill, LA:</b> Mr. Fegley conducted an assessment and closure of abandoned underground storage tanks. The tanks were removed. Closure analysis indicated elevated levels of benzene in the soil. Further evaluation under the soil precipitate leaching procedure allowed for closure of the site with a deed restriction.			
Career History	Mr. Fegley has been an Environmental Professional since 2004. As a Project Manager with a regional firm, he was responsible for marketing and obtaining the Phase I, interpreting database search data (EDR Data) including topos, aerials, Sanborn maps, and City Directories, conducting the site visits, recording on-site characteristics (photos and map sketches), preparing the report, and conducting peer review. In addition to these tasks, Mr. Fegley currently prepares drawings, proposals and invoices. He has been a Lead Risk Assessor, Asbestos Supervisor, and Mold Remediation Specialist, and has conducted more than 50 Phase I ESAs throughout his career, ranging from active gas stations to former manufacturers to empty fields. Ten Phase I ESAs resulted in Phase II ESAs, all ten sites were remediated and closed. Mr. Fegley has operated six treatment systems, four with previous employers and two that are current ongoing projects. He has conducted at least a dozen Lead Risk Assessments, supervised multiple school asbestos remediation projects, and performed clearance air sampling at more than ten Mold remediation projects.			

## 16. Staff Experience

Firm employed by Dave Rambaran Geosciences, LLC				
Name	Robert Simmons		Years of experience with this firm/employer	7
Title	Senior Technician/ Inspector/ Driller		Years of experience with other firm(s)/employer(s)	19
Degree(s) / Years / Specialization		High School & Specialty Training in AASHTO Materials Testing		
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Geotechnical Technician/ Supervisor/ Driller		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
03/16 – 12/17	<b>City of Shreveport Professional Services Contract for Soils &amp; Materials Testing Laboratory, Shreveport, LA:</b> Observe and test onsite construction procedures and materials for compliance with plans and specifications. Coordinates with the Resident Project Representative (RPR) on a daily basis and coordinates with registered professional engineer (soils or geotechnical engineer) on an as needed basis.			
04/09 – 10/15	<b>Various Wal-Mart Onsite Inspector &amp; CMT representative in Louisiana:</b> Inspector and test onsite construction procedures and materials for compliance with plans and specifications			
01/09 – 04/09	<b>Recycle Center Caddo Bossier Port, Shreveport, LA:</b> Observe and test onsite construction procedures and materials for compliance with plans and specifications.			
05/16 – 05/16	<b>Broadmoor Lift Station City of Shreveport, Shreveport, LA:</b> Inspector and test onsite construction procedures and materials for compliance with plans and specifications.			
06/08 – 09/09	<b>Pilgrim’s Pride Manufacturing Plant, Natchitoches, LA:</b> Inspector and test onsite construction procedures and materials for compliance with plans and specifications. Coordinates with the Project Superintendent daily and coordinates with registered professional engineer (soils or geotechnical engineer) on an as needed basis.			
12/16 – 11/17	<b>BAFB Storm Drains, EDT, Inc., Bossier City, LA:</b> Perform Onsite QC inspector; density testing of backfill, fill and base course materials; storm pipes inspector; dewatering inspection.			
05/15 – 06/17	<b>QA at SDI Reality Red Bend Crossing Retail Development Site Development Soils and Materials Testing Laboratory, Bossier City, LA:</b> Provide onsite Inspection & Testing			
02/04 – 09/07	<b>Steelcase / Turnium Manufacturing Facility, Shreveport, LA:</b> Observe and test onsite construction procedures and materials for compliance with plans and specifications. Coordinates with the Project Superintendent daily and coordinates with registered professional engineer (soils or geotechnical engineer) on an as needed basis.			
01/04 – 12/09	<b>Various QA/QC Testing, Bossier City / Shreveport, LA:</b> Observe and test onsite construction procedures and materials for compliance with plans and specifications. Coordinates with the Project Superintendent / Representatives daily and coordinates with registered professional engineer (soils or geotechnical engineer) on an as needed basis.			
11/19 – Present	<b>Consolidated Communication Facility Center BAFB, LA:</b> Inspect and test onsite construction procedures and materials for compliance with plans and specifications. Coordinates with the Project Superintendent / Representatives daily and coordinates with registered professional engineer (soils or geotechnical engineer) on an as needed basis.			
06/19 – 03/20	<b>Shreveport Downtown Airport RW 5-23 Extension, Shreveport, LA:</b> Inspector and testing for onsite construction, procedures and materials for compliance with plans and specifications. Coordinates with the Project Superintendent / Representatives daily and coordinates with registered professional engineer (soils or geotechnical engineer) on an as needed basis.			
01/19 – 05/20	<b>Shreveport Regional Airport RW 6-24 Extension, Shreveport, LA:</b> Observe and test onsite construction procedures and materials for compliance with plans and specifications. Coordinates with the Project Superintendent / Representatives daily and coordinates with registered professional engineer (soils or geotechnical engineer) on an as needed basis.			

## 16. Staff Experience

03/17 – 12/22	<b>COS Professional Service Contract Soils &amp; Materials Testing Lab II, Shreveport, LA:</b> Observe and test onsite construction procedures and materials for compliance with plans and specifications. Coordinates with the Project Superintendent / Representatives daily and coordinates with registered professional engineer (soils or geotechnical engineer) on an as needed basis.
Other Qualifications	ACI Certified Level I & II / Associate RSO / HAZMAT Training / Safety Training on Construction Industrial Sites / Airport Safety Training / Inspection of Asphalt Pavement Construction / Inspection of Shallow Footings / Inspection of APG Piles/ Storm Drainage & Utilities Placement & Construction

## 16. Staff Experience

Firm employed by Dave Rambaran Geosciences, LLC				
Name	Varun Kumar Nagelli		Years of experience with this firm/employer	6
Title	Professional/Engineering Aide		Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization		Bachelor of Technology/ 2014/ CE; MS/ 2016/ CE		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Geotechnical Staff		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
10/19 – present	<b>Consolidated Communication Facility Center BAFB, LA:</b> Performed geotechnical investigation and recommendations for the general area. Performed pile study. pile inspection and monitoring of the Auger Cast piles and installation at the site. Associated Inspector of Record for Structural Inspections of the Structure.			
01/16 – 12/22	<b>Task Order 1-112/ 1-129/ 1-106/ 1-110/ 1-114/ 1-135/ 1-132/ 1-152/ 1-153/ 1-154/ MSA #02, Project 14-F006, Shreveport, LA:</b> A geotechnical investigation was performed for this project consisting of 7 auger borings for piping and manholes. The investigation included soil boring and laboratory testing, visual observation of the site and historical aerial search, and recommendations for suitable piping/ manhole material, type, class, etc.; suitable installation techniques; and testing and commissioning requirements. Mr. Rambaran served as the Senior Geotechnical Engineer for this project.			
08/17 – 12/22	<b>COS Professional Services Contract Soils &amp; Material Testing Lab II, Shreveport, LA:</b> Locate utilities at boring locations. Direct field crew to sample, test, collect and document field activities. Assign lab tests on samples collected in the field and ensure that suitable ASTM standards and procedures are followed in the lab. Study field and laboratory data and make recommendations to the project engineer to compile engineering report to address the specific project design, construction, and quality control requirements. Assist in identifying the problems and the probable causes of the results of laboratory testing and analyze to establish the facts and parameters involved. Perform engineering analysis in compliance with the standards and specifications. Accurately perform various construction materials tests in accordance with applicable standards, observe work procedures and verify compliance with job specifications. Create detail reports of observations and tests data. Coordinated with project personnel and client representatives.			
12/19 – 12/21	<b>Fern Loop Rehab Hospital, Shreveport, LA:</b> Performed geotechnical investigation, Phase 1 Environmental Assessment and recommendations for the general area. Performed pile study. Prepare and monitor soil testing schedules, monitor progress and ensure conformance to engineering plans, specification and construction, and safety standards. QA/QC of Field Testing & Laboratory Testing.			
09/18 – 12/20	<b>North Regional WWTP North Levee Repair, COS, Shreveport, LA:</b> Locate utilities at boring locations. Direct field crew to sample, test, collect and document field activities. Assign lab tests on samples collected in the field and ensure that suitable ASTM standards and procedures are followed in the lab. Study field and laboratory data and make recommendations to the project engineer to compile engineering report to address the specific project design, construction, and quality control requirements. Assist in identifying the problems and the probable causes of the results of laboratory testing and analyze to establish the facts and parameters involved. Verify boring logs, perform engineering analysis, slope stability analysis, and prepare geotechnical reports in compliance with the standards and specifications. Performed Slope Stability Analysis and provided respective FOS and engineering recommendations			
09/16 – 12/20	<b>Bayou Walk Shopping Center, Shreveport, LA:</b> Locate utilities at boring locations. Direct field crew to sample, test, collect and document field activities. Assign lab tests on samples collected in the field and ensure that suitable ASTM standards and procedures are followed in the lab. Study field and laboratory data and make recommendations to the project engineer to compile engineering report to address the specific project design, construction, and quality control requirements. Assist in identifying the problems and the probable causes of the results of laboratory testing and analyze to establish the facts and parameters involved. Verify boring logs, perform engineering analysis and prepare geotechnical reports in compliance with the standards and specifications.			
08/19 – Present	<b>Shreveport Downtown Airport RW 14-32 Rehabilitation, Shreveport, LA:</b> Locate utilities at boring locations. Direct field crew to sample, test, collect and document field activities. Assign lab tests on samples collected in the field and ensure that suitable ASTM standards and procedures are followed in the lab. Study field and laboratory data and make recommendations to the project engineer to compile engineering report to address the specific project			

## 16. Staff Experience

	design, construction, and quality control requirements. Assist in identifying the problems and the probable causes of the results of laboratory testing and analyze to establish the facts and parameters involved. Performed Trial Batch using methodology for Full Depth Reclamation. Verify boring logs, perform engineering analysis and prepare geotechnical reports in compliance with the standards and specifications. Provided pavement recommendations.
06/22 - present	<b>Project #8-15 Walter O Bigby Carriageway Kelly Ave to Benton Hwy Bossier City, LA:</b> Provided onsite inspection and QC for the client. Based on contractor's completed work performing onsite inspection. During concrete placement tested fresh concrete for compliance of field placement. In accordance with required standards casting compressive strength test specimens. Laboratory Testing on Select Samples.
06/19 – 04/20	<b>Huntington Pond Lift Station Access Road &amp; Bridge Lift Station Shreveport, LA:</b> Provided onsite inspection and QA for the client. Based on contractor's completed work performing in-place moisture and density testing of backfill and base course materials and acceptance. During concrete placement tested fresh concrete for compliance of field placement. In accordance with required standards casting compressive strength test specimens. Laboratory Testing on Select Samples. Tunneling inspection and testing. Construction Inspection and Management.
12/17 – 12/22	<b>SHREVEPORT DTN AIRPORT RW 5-23 SHIFT EXTENSION SHREVEPORT, LA:</b> Locate utilities at boring locations. Direct field crew to sample, test, collect and document field activities. Assign lab tests on samples collected in the field and ensure that suitable ASTM standards and procedures are followed in the lab. Study field and laboratory data and make recommendations to the project engineer to compile engineering report to address the specific project design, construction, and quality control requirements. Assist in identifying the problems and the probable causes of the results of laboratory testing and analyze to establish the facts and parameters involved. Verify boring logs, perform engineering analysis and prepare geotechnical reports in compliance with the standards and specifications. Provided RPR services and QA testing services.
03/15 – 09/18	<b>Huntington Pond Lift Station Access Road &amp; Bridge Lift Station Shreveport, LA:</b> Provided onsite inspection and QA for the client. Based on contractor's completed work performing in-place moisture and density testing of backfill and base course materials and acceptance. During concrete placement tested fresh concrete for compliance of field placement. In accordance with required standards casting compressive strength test specimens. Laboratory Testing on Select Samples. Pile installation inspection. Construction Inspection and Management. Performed pavement inspection and testing.
06/18 – 09/18	<b>National Oilwell Varco Navasota, TX:</b> Provided onsite inspection and QA for the owner and coordinated with contractor and owner's representative for milestone and pay items. Based on contractor's completed work performing in-place moisture and density testing of backfill and base course materials and acceptance. During concrete placement tested fresh concrete for compliance of field placement. In accordance with required standards casting compressive strength test specimens. Laboratory Testing on Select Samples, engineering analysis for foundation & pavement design. Inspection of Shallow spread and continuous footings. Construction Inspection and Management. Performed pavement inspection and testing.
03/18 - 12/21	<b>Shreveport Regional Airport RW 6-24 Extension Shreveport, LA:</b> Locate utilities at boring locations. Direct field crew to sample, test, collect and document field activities. Assign lab tests on samples collected in the field and ensure that suitable ASTM standards and procedures are followed in the lab. Study field and laboratory data and make recommendations to the project engineer to compile engineering report to address the specific project design, construction, and quality control requirements. Assist in identifying the problems and the probable causes of the results of laboratory testing and analyze to establish the facts and parameters involved. Verify boring logs, perform engineering analysis and prepare geotechnical reports in compliance with the standards and specifications. Accurately perform various construction materials tests in accordance with applicable standards, observe work procedures and verify compliance with job specifications. Create accurate and detail reports of observations and tests data. Interact with construction site supervisors and client representatives
10/19-08/20	<b>Tunneling Beck Branch Parallel Interceptor 36 to 72 inches Diameter Pipe Plano, TX:</b> QC Testing/ Construction Monitoring and Inspection to observe construction, test concrete/grout, soils, stone; also give professional opinions of materials or conditions and provide opinions for remedial actions or alternate methods as may be needed to facilitate the contractors work.
Other Qualifications	ACI Field Grade 1/ Concrete Trial Batch/RSO/ HAZMAT Training /Safety Training on Construction Industrial Sites/ Airport Safety Training/ HMA Paving Field Inspection/ Shallow Foundation Analysis/ Deep Foundation Analysis/ Slope Stability Analysis Slie2 (Rocscience)/ Settlement Analysis Settle3 (Rocscience)/ Levee Design/ Seepage Analysis, flow net/ Testing Concrete/ Testing Compaction on Soils/ Laboratory Testing for Soils/ Asphalt Pavement Inspection & Management/ NHI/ RPR Inspection/ ASCE Member/PTI Analysis (Post Tension Foundation)/ NHA Pavement Inspection

### 16. Staff Experience:

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Firm employed by KSA Engineers, Inc.			
Name	Joncie H. Young, P.E.		Years of relevant experience with this employer
Title	Director of Client Services		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelor of Science/1973/Civil Engineering Master of Science/1974/Environmental Health Engineering	
Active registration number / state / expiration date		18501/Louisiana/2024	
Year registered	1978	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Roadway Design	
<p>Joncie Young has been with the firm since 1978. He was elected president in 1996 and served until 2015. Joncie is currently serving as director of municipal services. In this role, he leads KSA's efforts in this market sector and has a more direct daily influence on client service, project efficiency and quality. He has also served as a principal and officer for 18 years. Joncie's municipal and industrial engineering experience spans a wide variety of projects. He has been the project manager for well over \$200 million of new construction over his career on a wide variety of projects, including wastewater treatment plants, water rights permitting, reservoir design, raw water pumping, water treatment plants, high service pump stations, elevated tanks, water transmission mains, wastewater collection systems, stormwater conveyance systems, industrial site development, and street improvements.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/2013 – 08/2014	<p><b>Texas Capital Fund Downtown Improvements, Elkhart, Texas</b> This project consisted of designs and bidding phase services for the construction of approximately 495 linear feet of downtown sidewalks with handrails, curbs, and ADA-compliant ramps. The project also included a Texas Capital Fund grant project of approximately 220 square yards of asphalt street and drive repairs. Acquisition activities were required on this project. Inspection services were also performed along with construction phase administration.</p>		
04/2020 – 04/2021	<p><b>TxCDBG Street Paving, Savoy, Texas</b> This project included Replacement of approximately 5,250 square yards of HMAC pavement on Mills, Main, and Commerce streets under the general direction of the Texas Community Development Block Grant Program administered by Texas Department of Agriculture</p>		
01/2008 – 12/2008	<p><b>Street and Drainage Improvements, Beckville, Texas</b> This project included 10,500 square yards of 1 1/2-inch HMAC overlay; 5,300 square yards of new HMAC road construction; 300 feet of 12-inch to 36-inch storm sewer and 1,250 feet of 6-inch water main.</p>		
10/2007 – 11/2008	<p><b>Paul Avenue Street Improvements, Lufkin, Texas</b> This major street improvement included right-of-way and easement acquisition from adjacent property owners to allow construction of the improvements. The Paul Avenue project included the design of 6,000 feet of Arterial Street, numerous drainage improvements, and the relocation of 6,000 feet of water and wastewater utilities.</p>		

(Add rows as needed)

### 16. Staff Experience (con't):

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Firm employed by KSA Engineers, Inc.			
Name	Robert F. Vinet, P.E.	Years of relevant experience with this employer	1
Title	Regional Client Service Leader	Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization		Bachelor of Science/1997/Mechanical Engineering Master of Science/1999/Engineering Bachelor of Science/2003/Civil Engineering	
Active registration number / state / expiration date		0031555/Louisiana/2025	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Roadway Design	
<p>Robert is a Regional Client Service Leader for KSA in their Shreveport office. With 25-years of professional experience, his consulting engineering practice has been over a wide-range of projects including highway engineering and planning, flood control and drainage improvements, utility infrastructure design and master planning, port and maritime improvements, land development and land surveying services, as well as Geographic Information System (GIS) integration/application. He is a licensed Professional Engineer in Louisiana, Texas, Arkansas, and Mississippi, and holds Bachelor of Science degrees in both Mechanical and Civil Engineering and a Master of Science degree in Engineering from Louisiana Tech University.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/2022 - Ongoing	<p><b>Plug Power Limestone Green Hydrogen Plant, Graham, Texas</b> Preparation of plans and specifications for approx. 1.1 miles of a heavy-duty roadway from a TX state highway through a 65-acre greenfield site to the proposed plant location. The project required engineering design services related to the roadway, drainage, utility corridors, and geometric considerations of the proposed roadway and connecting driveway from the highway, as well as analyzing traffic flow and safety impacts of the project with the highway.</p>		
02/2022 - Ongoing	<p><b>Whispering Pines RV Park Expansion, Tyler, Texas</b> Comprehensive surveying and site development design services for a 22.5-acre expansion of the park with 188 full-service RV sites, 2.00 miles of roadway, site grading (108,000 CY cut/fill), drainage, water and sewerage utility plans, and other related design considerations.</p>		
02/2022 - Ongoing	<p><b>Coyote Ranch RV Park, Wichita Falls, TX</b> Comprehensive surveying and site development design services for a 6.5-acre expansion of the park with 69 full-service RV sites, 0.75-miles of roadway, site grading (2,500 CY cut/fill), drainage, water and sewerage utility plans, and other related design considerations.</p>		
06/2006 – 12/2008	<p><b>Elm Grove Garden Drive Improvements, City of Baton Rouge, Louisiana</b> This project was a traffic analysis and the preparation of plans and specifications for roadway improvements to Elm Grove Garden Drive. The analysis included hose and manual traffic counts, intersection analysis, corridor analysis, pavement and drainage design, and horizontal and vertical geometric layout.</p>		
07/2005 – 06/2006	<p><b>I-12 to Bush Corridor Study (Phase I &amp; II, SPN 700-52-0124) Stage 1 Environmental Assessment, St. Tammany Parish, Louisiana</b> This project was for conducting a hydrology and hydraulics (H&amp;H) investigation and analysis of an 18-mile long, four-lane highway corridor study for a Louisiana Department of Transportation and Development (LADOTD) Stage 1 Environmental Assessment (EA). The study was prepared in accordance with U.S. Army Corps of Engineers (USACE) guidelines and was a critical element for receipt of a 404 permit.</p>		

(Add rows as needed)

**16. Staff Experience (con't):**

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Firm employed by KSA Engineers, Inc.			
Name	M. Chris Barry, P.E.	Years of relevant experience with this employer	23
Title	Survey Team Leader	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		Bachelor of Science/1993/Civil Engineering	
Active registration number / state / expiration date		35763/Louisiana/2025	
Year registered	2010	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Roadway Design	
<p>Chris Barry has been actively engaged in the management of engineering and survey projects for 29 years. He oversees all survey assignments performed by KSA. Chris has a reputation for assigning the right project team to each job and managing them closely to make sure the client is getting the best value. Chris and his team have provided surveying services for various oil and gas pipeline, roadway and aviation projects throughout Texas and Louisiana.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/2022 - Ongoing	<p><b>Plug Power Limestone Green Hydrogen Plant, Graham, Texas</b> Preparation of plans and specifications for approx. 1.1 miles of a heavy-duty roadway from a TX state highway through a 65-acre greenfield site to the proposed plant location. The project required engineering design services related to the roadway, drainage, utility corridors, and geometric considerations of the proposed roadway and connecting driveway from the highway, as well as analyzing traffic flow and safety impacts of the project with the highway.</p>		
04/2019 - Ongoing	<p><b>Cotton Street Streetscape, Longview, Texas</b> This project includes improvements to the existing 5-lane asphalt street behind the curb to include landscaping, sidewalks, lighting, and street scape to match downtown streets from Green to Grand Blvd.</p>		
08/2011 – 01/2015	<p><b>Downtown Street Reconstruction, Green Street, Longview, Texas</b> This project included the road work which was part of a three-phase street improvements project, designed to improve water and sewer infrastructure as well as enhance the beauty of the downtown district. It also included improvements for Methvin and Center Streets in subsequent phases. The Green Street improvements included the reconstruction of Green Street from the north side of the Whaley Street intersection to the south side of the Cotton Street intersection. The project included updates to the street's water lines, sewer lines, storm sewer inlets and lines, sidewalks, and streetscape features such as gateway pylons, esplanade planters, sidewalk planters, landscaping, benches, trash cans, street lighting, signs, and other amenities.</p>		

(Add rows as needed)

**16. Staff Experience (con't):**

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Firm employed by KSA Engineers, Inc.			
Name	Abiel Carrillo, P.E.		Years of relevant experience with this employer
Title	Municipal Team Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelor of Science/2004/Civil Engineering	
Active registration number / state / expiration date		134142/Texas/2024	
Year registered	2019	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Roadway Design	
<p>Abiel has 20 years of engineering experience and has established a well-rounded civil engineering foundation that includes roadway, drainage, bike/pedestrian, utility, and general engineering design. He headed the Hydrology Section of the City of Albuquerque's Planning Department between 2015 and 2017. As project manager, he has specialized in securing funding, planning, scoping, designing, and managing the construction of bike, pedestrian, roadway, and drainage projects funded by FHWA, Federal Alternative Modes, CDBG, State Agencies, and Local Funds. He is currently working with the Cities of Winnsboro, Athens, Celina and other communities in North Texas with both transportation and stormwater management projects. During his tenure at the City of Albuquerque, Abiel was the City's Floodplain Manager, and the City Engineer's representative on the Development Review Board. At KSA, Abiel has helped advance drainage and transportation projects in Central and West Texas.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/2019 – 2/2021	<p><b>Custer Creek Farms Pavement Improvements, Frisco, Texas</b> Project includes the repaving of a rural road within urban environment, swale design, culvert reconstruction, closed system extension to major network.</p>		
12/2020 - Ongoing	<p><b>CR 53 and Old Log Trail Improvements, Celina, Texas</b> The project involves the design and construction of a new pavement section for CR 53, between the BNSF intersection, and the edge of the FEMA mapped floodplain. Currently, it is a road base/gravel road, approximately 28' wide. The new road will be approximately 37' wide. It also includes an extension north of the RR Crossing for future connections.</p>		
04/2020 – 07/2020	<p><b>Roadway and Drainage Assessment and Prioritization Plan, Town of St. Paul, Texas</b> The Town of St. Paul hired KSA to complete a two-part assessment of the condition of the roadway network, and to conceptually analyze the cause and potential solutions of 19 drainage problems on various roads. The intent of the document was to scope specific solutions on a prioritization matrix to help the governing body make annual decisions for road and drainage improvements. The analysis included improvements to culvert crossings, channels, roadside ditches, ponding structures, erosion and energy dissipation structures, and other drainage features. The project included detailed Opinions of Cost including construction, surveying, and design estimates. The document was used to guide the construction of the first phase in 2020 and will continue to be used and updated as needed.</p>		
09/2021 - Ongoing	<p><b>Coit and Glendenning Pkwy Roadway Extensions, Celina, Texas</b> Project includes 1 mile of divided major thoroughfare design, including grading, storm drain, water and sewer extensions, sidewalk improvements, and a new roundabout. The project was developer-led, on an accelerated 3-month schedule, and it included the planning and design of interim condition roundabout phasing plans, and the processing of grading permits and coordination with the city's Design Review Committee.</p>		

(Add rows as needed)

**16. Staff Experience (con't):**

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Firm employed by KSA Engineers, Inc.			
Name	R. Clay Murry, P.E.	Years of relevant experience with this employer	1
Title	Project Engineer	Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		Bachelor of Science/2015/Civil Engineering	
Active registration number / state / expiration date		0046266/Louisiana/2024	
Year registered	2021	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Roadway Design	
<p>Clay has been working in the field of engineering since 2004 with a total of 18 years of combined experience in civil engineering &amp; civil engineering support. He has advanced proficiency in AutoCAD &amp; Civil 3D and a working knowledge of various other engineering/drafting software. Clay has extensive experience working on surveying, water and sewer, roadway, aviation, and site development projects. His project experience has included conducting preliminary design &amp; initial opinions of most probable cost, engineering design of projects based on desired and required criteria, producing and managing the production of construction drawings, composing specifications, acquiring relevant permits &amp; funding approval, managing projects through the bid process to award of contract and through construction to substantial completion. Clay is a licensed Professional Engineer in the State of Louisiana and holds a Bachelor of Science in Civil Engineering from Louisiana Tech University as well as Associate Degrees in Computer Aided Drafting &amp; Design and Science of Engineering from Bossier Parish Community College.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/2020 – 09/2020	<p><b>Cotton Valley LCDBG Streets Improvements, Cotton Valley, Louisiana</b> This project consisted of the reconstruction of 23 blocks of asphalt roadway in Cotton Valley, Louisiana.</p>		
01/2020 – 09/2020	<p><b>Sabine Parish Police Jury LCDBG Street Improvements, Sabine Parish, Louisiana</b> This project consisted of the reconstruction of 1.5 miles of asphalt roadway in Sabine Parish, Louisiana.</p>		
01/2020 – 05/2020	<p><b>Benton Oak Ridge Drive Improvements, Benton, Louisiana</b> This project consisted of the reconstruction of 3,000 feet of asphalt roadway in Benton, Louisiana.</p>		
02/2022 – Ongoing	<p><b>Whispering Pines RV Park Expansion, Tyler, Texas</b> Comprehensive surveying and site development design services for a 22.5-acre expansion of the park with 188 full-service RV sites, 2.00 miles of roadway, site grading (108,000 CY cut/fill), drainage, water and sewerage utility plans, and other related design considerations.</p>		
09/2022 - Ongoing	<p><b>Plug Power Limestone Green Hydrogen Plant, Graham, Texas</b> Preparation of plans and specifications for approx. 1.1 miles of a heavy-duty roadway from a TX state highway through a 65-acre greenfield site to the proposed plant location. The project required engineering design services related to the roadway, drainage, utility corridors, and geometric considerations of the proposed roadway and connecting driveway from the highway, as well as analyzing traffic flow and safety impacts of the project with the highway.</p>		

(Add rows as needed)

**16. Staff Experience (con't):**

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by KSA Engineers, Inc.			
Name	Matthew Moore, P.E.		Years of relevant experience with this employer
Title	Electrical Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Bachelors/2016/Electrical Engineering	
Active registration number / state / expiration date		45811/Louisiana/2024	
Year registered	2021	Discipline	Electrical Engineering
Contract role(s) / brief description of responsibilities		Roadway Design	
<p>Matt Moore, P.E., Electrical Engineer, joined KSA after graduating from Louisiana Tech University with a Bachelor of Electrical Engineering. Matt is a master at designing low voltage power distribution systems to serve municipal processes. Matt has experience integrating existing instrumentation and controls into a SCADA system, designing instrumentation and motor control systems, and creating one-line and elementary wiring diagrams. He performs calculations for lighting, arc flash, short circuit and generator sizing. Matt has experience working on a various municipal project types including water, wastewater and streetscapes projects.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
07/2018 – 11/2022	<p><b>Sugar Land Regional Airport Hangars and Parallel Taxiway Relocation, Sugar Land, Texas</b>            Matt was involved in the last phase of the Sugar Land Airport project (Phase H). Phase H’s scope was to provide and install the rest of the original project scope. He resumed and reviewed previous design efforts to ensure compatibility with the constructed phases. This included demo of existing lighting, new LED taxiway edge lights, LED signage, in-pavement guard lighting, elevated guard lighting, instrument landing systems, and repowering existing equipment such as a precision approach path indicator (PAPI) and glide slope. Matt was responsible for the design and specified an entirely new airfield lighting control &amp; monitoring system (ALCMS) and designed apron lighting.</p>		
04/2021 – 11/2022	<p><b>USDA T-Hangar &amp; Associated Improvements, Castroville Municipal Airport, Castroville, Texas</b>            KSA provided power, lighting, and grounding design of 8 T-hangars. In addition, construction administration support was provided, and it is currently in the submittal phase.</p>		
06/2021 – 08/2022	<p><b>TxDOT Aviation Division, Cleveland Municipal Airport, Cleveland, Texas</b>            KSA was selected by Cleveland Municipal Airport for the demolition and replacement of runway edge lighting, signage, PAPIs, and electrical vault. The project consists of the design of proposed electrical system for LED runway edge lights, signage, and PAPIs, design of electrical vault housing runway lighting constant current regulators, and the design of wiring diagrams for lighting controls to incorporate pilot radio controls.</p>		
02/2020 – 05/2021	<p><b>TXDOT Aviation Division, Weslaco Mid Valley Airport, Weslaco, Texas</b>            Partially replace Runway 14/32 medium intensity runway light and Runway 32 PAPI and associated appurtenances.</p>		
01/2020 – Ongoing	<p><b>TXDOT Aviation Division, Munday Municipal Airport, Munday, Texas</b>            Rehabilitate and mark Runway 17-35; rehabilitate south apron and turnarounds Runway 17-35; replace rotating beacon and tower; and replace lower intensity runway lights and associated appurtenances.</p>		
08/2019 – 02/2021	<p><b>TXDOT Aviation Division, Denton Enterprise Airport, Denton, Texas</b>            Install medium intensity runway lights; relocate and protect utilities and associated appurtenances.</p>		

(Add rows as needed)

## 16. Staff Experience:

Firm employed by HDR Engineering, Ing.				
Name	Wesley “Wes” Jacobs, PE		Years of relevant experience with this employer	8
Title	Hydraulic Structures Program Lead		Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		BS / 1998 / Civil Engineering		
Active registration number / state / expiration date		PE.0030774 Louisiana, Exp. 9/30/2024		
Year registered	2003	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		HDR Project Manager and Bridge Design		
<p>Wes has over 25 years of demonstrated expertise in several aspects of civil and structural design/ inspection, including bridges (high-level river crossings, movable bridges, railroad/roadway overpasses, rail bridges with common elements such as complex geometry, PPC girder, steel plate girder, curved steel plate girders, pier design/protection, cofferdams, column, and pile bent design), sign structures, floodwalls, sector gates, miter gates, and closure gates (highway/rail). Through this experience, he has gained a solid foundation of expertise pertaining to civil and structural design due to the complexity of the projects completed estimated construction cost totaling more than \$10 billion. He is also trained in the maintenance and rehabilitation of historic bridges.</p>				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/19 – Ongoing	<p><b>Statewide Bridge Inspections, Louisiana Dept. of Transportation and Development (LADOTD), Statewide LA. HDR Project Manager and Engineering Lead (Sub-consultant).</b> Wes is leading the main span inspections (field work and report preparation) of the Jackson Street Lift Bridge spanning the Red River and the lift bridge spanning Teche Bayou. The team performed structural, mechanical and electrical inspections of the towers, main span truss, substructure, and machinery using rope access and manlift methods for in-depth inspection techniques.</p>			
11/22 – 07/23	<p><b>LA 577 Overpass Repair Over I-20 Phases 1 &amp; 2, LADOTD, Waverly, LA. Project Manager/Engineering Lead.</b> Wes led the design team for the demolition and replacement of the PPC AASHTO Girder bridge span that was struck by a dump truck. Phase 1 design consisted of the development of plans, specifications, and cost estimate (PS&amp;E) for the phased demolition of the west side of the damaged span in order to get a single lane of traffic back open on the eastern half of the bridge (two undamaged girders). Phase 2 design involved the split phased design of a replacement span. The existing girders were AASHTO Type 3 (interior) and 4 (exterior). Load ratings were also completed for both phases.</p>			
05/11 – 06/14	<p><b>LPV 145 – Bayou Bienvenue Movable Swing Span Bridge - Steel Swing Span (H-04-47839), USACE New Orleans District, New Orleans, LA. Project Manager and Engineering Lead.</b> Wes was responsible for the development of the preliminary design, final design, plans, specifications and engineering construction services for a 135 ft unequal arm steel swing span structure. The swing span is supported by a reinforced concrete pivot pier (designed with timber fender protection) with prestressed concrete pile foundations. The approach spans were comprised of concrete slab spans that tied into an existing limestone access road. The bridge was designed using LADOTD Bridge Design Manual and AASHTO-LRFD specifications.</p>			
01/11 – 01/12	<p><b>Taylor Bayou (Joint Outfall Canal) Movable Bridge - Steel Swing Span, Valero Port Arthur Refinery, Port Arthur, TX. Project Manager and Lead Bridge Engineer.</b> Wes was responsible for the development of the preliminary designs, plans of an unequal arm steel swing span bridge (129 ft) supported by a pivot pier on steel pipe pile foundations with PPC girder approach spans. Due to close similarities to recent projects in Louisiana, the project is being designed using LaDOTD design criteria and specifications.</p>			

01/10 – 08/11	<b>Chef Menteur Bridge Replacement EA, S.P. No. 700-36-0125, LADOTD, Orleans Parish, LA.</b> <i>Structural Lead.</i> Wes was responsible for the development of high level (75 ft vertical clearance) fixed bridge alternatives for the replacement of a historical swing span bridge in Orleans Parish. The span arrangements were comprised of PPC AASHTO Type 3 (80 ft), BT 78 (130 ft) approach spans with steel composite girders for the main span (200 ft and 270 ft). He developed conceptual designs for deep river concrete piers with water level footings supported by large diameter PPC cylinder piles.
02/08 – 11/09	<b>Calton Road – Union Pacific RR Overpass, City of Laredo, Laredo, TX.</b> <i>Engineer of Record.</i> Wes developed the final designs, plans and specifications for this railroad overpass project using AASHTO-LRFD specifications. The bridge spans Union Pacific RR main lines and spur tracks. The bridge is comprised of steel welded-composite plate girders for a total length of 866 ft, reinforced concrete column bents and drilled shafts and provides the necessary horizontal and vertical clearance required by UPRR.
01/11 – 05/15	<b>US 84 Sabine River Bridge, TXDOT/LADOTD, Logansport, LA.</b> <i>Structural Lead and Engineer of Record.</i> Wes developed the final design, plans and specifications for two bridge structures (eastbound and westbound) using AASHTO-LRFD specifications. The bridges were comprised of the new Tx shapes (Tx62's and Tx70's). The span lengths ranged from 120 ft to 160 ft. The substructure was comprised of multi-column reinforced concrete bents with strutted columns at the main channel locations. The bents were supported by drilled shaft foundations. Although not a navigable channel at this location, the bridges were designed with adequate geometry to provide the necessary freeboard above the 100-year flood levels in addition to superelevation rotation on the eastbound structure.
06/03 – 05/05	<b>US 171 South Railroad Overpass, LADOTD, Mansfield, LA.</b> <i>Engineer of Record.</i> Wes was responsible for the final design that included twin bridge structures in concentric curves with bobtail and skewed spans crossing the KCS railroad main line for the TIMED program. Each bridge was approximately 700 ft long. The spans were comprised of precast prestressed concrete girders supported by precast prestressed concrete pile bent substructure.
02/04 – 04/05	<b>IH-35 Southbound Frontage Road Connector, TXDOT Waco District, Waco, TX.</b> <i>Engineer of Record.</i> Wes was responsible for the final design of this curved steel plate girder roadway overpass. The bridge was comprised of two continuous steel plate girder units, 360 feet and 420 feet, respectively. The spans were designed using AASHTO Standard Bridge specifications for Curved Girders as well as a straight girder case using AASHTO-LRFD specifications. Reinforced concrete hammer-head bents founded on drilled shaft foundations were used for the substructure. His responsibilities included design of the curved steel girder units as well as developing and sealing the girder details.
02/05 – 01/06	<b>SH 35 Bridge Widening, TXDOT Houston District, Houston, TX.</b> <i>Engineer of Record.</i> Wes was responsible for the design modifications of three bridge widenings totaling more than 700 feet – Oyster Creek, Jamison Slough and Drainage Ditch Bridges (skewed spans). The design plans called for cast-in-place slab spans. Specifically, he designed and sealed the pre-stressed concrete slab panels, the continuity joints, bent modifications/drilled shaft foundations and developed the corresponding structural details.

Firm employed by HDR Engineering, Ing.				
Name	Jason Abendroth, PE		Years of relevant experience with this employer	5
Title	Senior Structural Engineer		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BS / 2008 / Civil Engineering		
Active registration number / state / expiration date		PE.0038198 Louisiana, Exp. 03/31/2024		
Year registered	2013	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		Bridge Design		
Jason has experience in engineering and design of structures ranging from flood control (sector, lift, sluice, and vehicular gates; pump stations, T-Walls, LWalls, I-walls), bridges (concrete, steel, movable), and municipal sewage lift stations. Experience in other engineering disciplines includes geotechnical analysis and design for earthen levees and retaining walls.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/22 – 07/23	<b>LA 577 Overpass Repair Over I-20 Phases 1 &amp; 2, Louisiana Department of Transportation and Development (LADOTD), Waverly, LA. Structural Engineer.</b> Jason performed QC review for the demolition and replacement of the PPC AASHTO Girder bridge span that was struck by a dump truck. Phase 1 design consisted of the development of plans, specifications, and cost estimate (PS&E) for the phased demolition of the west side of the damaged span in order to get a single lane of traffic back open on the eastern half of the bridge (two undamaged girders). Phase 2 design involved the split phased design of a replacement span. The existing girders were AASHTO Type 3 (interior) and 4 (exterior). Load ratings were also completed for both phases.			
11/20 – 06/21	<b>Statewide Bridge Inspections, LADOTD, Statewide LA. Bridge Inspection Lead.</b> Jason led the inspections for several fixed and movable bridges in south Louisiana. The inspections were both in-depth and routine oriented with several steel swing spans, vertical lift spans and concrete/timble trestle bridges. He led the development of the inspection reports within Assetwise and coordinated with the multi-disciplined team.			
01/16 – 12/17	<b>Statewide Inventory and Inspection of Sign Trusses, LADOTD, Statewide LA. Assistant Project Manager.</b> Jason performed team coordination, data collection, and inspection work for this five-year contract with LADOTD to perform over 1,500 sign truss inspections throughout Louisiana. He prepared and reviewed the inspection reports after the inspections were completed. Inspections included steel and aluminum welds, high stress moment connections, and fracture critical elements in accordance with FHWA guidelines.			
03/10 – 06/15	<b>US 84 – Logansport – Sabine River Bridge Replacement S.P. No. 021-01-0004, LADOTD, Logansport, LA. Structural Engineer.</b> Jason assisted in the development of the final design, plans and specifications for two bridge structures (EB and WB) spanning the Sabine River in Logansport, LA using AASHTO-LRFD specifications. He designed the new TXPPC girder shapes (Tx62’s and Tx70’s). The span lengths ranged from 120 ft to 160 ft. The substructure was comprised of multi-column reinforced concrete bents with strutted columns at the main channel locations. The bents were supported by drilled shaft foundations.			

Firm employed by HDR Engineering, Inc.				
Name	Harini Arjun, PE, CFM		Years of relevant experience with this employer	9
Title	Senior Highway Engineer		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		MS / 2008 / Civil Engineering BS / 2006 / Civil Engineering		
Active registration number / state / expiration date		PE.112663 Texas, Exp. 9/30/2023		
Year registered	2012	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		Bridge Design		
<p>Harini has 15 years of experience designing and managing each project phase from schematic, PS&amp;E, procurement/bid phase, project controls for design-bid-build, construction management including OVTI and project close-out. She has multi-disciplinary design experience in roadway, traffic control plans, drainage, public utilities, signing and pavement markings, and SWPPP for city streets and highways/freeways. Harini's experience also includes preparation of preliminary engineering reports, project manuals, QA/ QC reviews, permit applications, coordination with multiple governing agencies and utility companies.</p>				
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/18/ – 12/22		<p><b>FM 528 Extension SH 6 to SH 35 Business, City of Alvin, Alvin, TX. Deputy Project Manager.</b> Harini oversaw the preparation of PS&amp;E for the construction of a two-lane principal arterial in a partially new location for FM 528. The project also included a two-lane bridge with a five-ft sidewalk over BNSF railroad, detention ponds, and illumination. The project is partially located in the 100-yr floodplain. Harini refined TXDOT's schematic layout for both the two-lane interim typical section and the four-lane ultimate typical section. She was also responsible for drainage, signing and pavement markings design. She designed the storm sewer system for the two-lane roadway at a new location within a special flood hazard area. The design included four detention ponds, coordination with Brazoria DD4, pipe sizes 18” thru 42” RCP and 3’x3’ box culverts.</p>		
08/17 – 07/20		<p><b>Louetta Road from Stablewood Farms Drive to Little Cypress Creek, Harris County Engineering, Cypress, TX. Deputy Project Manager.</b> Harini prepared the schematic exhibits, PS&amp;E, and construction cost estimate. She designed the roadway and storm sewer for the four-lane boulevard section at a new location crossing Little Cypress Creek. The design included tie-ins to the existing system, 3-10-foot by 10-foot multiple box culverts, extension of existing detention pond within the 100-year and 500-year floodplain. She also performed utility coordination.</p>		
02/17 – 12/20		<p><b>Blackhawk Boulevard Design, City of Friendswood, Friendswood, TX. Traffic Control Plan Task Lead.</b> The project consisted of design for reconstruction of Blackhawk Boulevard including drainage improvements from FM 2351 to Friendswood Link Road and from Thursa Lane to FM 528. Harini designed traffic control plans and signing and pavement markings for the four-lane boulevard section with two signalized intersections and 15 crossing streets.</p>		
06/13 – 11/17		<p><b>Rebuild Bellaire Phase 5, City of Bellaire, Bellaire, TX. Project Engineer.</b> Harini prepared the PS&amp;E for roadway and drainage elements during this improvement project which included street reconstruction of a 28-foot wide concrete roadway with curbs and underground storm sewers and appurtenances from 24-inch thru 48-inch RCP, driveway approaches, and sidewalks within the street right-of-way.</p>		

Firm employed by HDR Engineering, Ing.				
Name	William Clementson, PE		Years of relevant experience with this employer	10
Title	Bridge Engineer		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS / 2013 / Civil Engineering ME / 2013 / Civil Engineering		
Active registration number / state / expiration date		PE.0047891 / Louisiana / Exp. 09/30/2023		
Year registered	2023	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		Bridge Design		
William's experience includes structural design and analysis of bridges. He has experience in each stage of bridge design including preliminary planning, structural design, and construction phase services. He has also served as a design engineer for design-build and design-bid-build projects, signature bridges, bridge rehabilitations, bridge widenings, and other miscellaneous structures such as sign structures.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/22 – 07/23	<b>LA 577 Overpass Repair Over I-20 Phases 1 &amp; 2, Louisiana Department of Transportation and Development (LADOTD), Waverly, LA. Structural Engineer.</b> William performed detailed design checks for the demolition and replacement of the PPC AASHTO Girder bridge span that was struck by a dump truck. Phase 1 design consisted of the development of plans, specifications, and cost estimate (PS&E) for the phased demolition of the west side of the damaged span in order to get a single lane of traffic back open on the eastern half of the bridge (two undamaged girders). Phase 2 design involved the split phased design of a replacement span. The existing girders were AASHTO Type 3 (interior) and 4 (exterior). Load ratings were also completed for both phases.			
09/20 – 03/22	<b>FM 3349 at US 79, TXDOT Austin District, Taylor, TX. Bridge Engineer.</b> William designed superstructure, substructure, and foundation elements for four bridges at the intersection of FM 3349 and US 79. The four bridges were primarily composed of pre-stressed pre-cast concrete I-girders supported by reinforced concrete bents on drilled shafts. William designed the steel unit on one bridge which was required to span over US 79 and the parallel railroad right of way. William also provided construction phase services, reviewed shop drawings, and responded to contractor questions during construction.			
12/20 – Ongoing	<b>SH 43 at Big Cypress Bayou, TXDOT Atlanta District, Marion and Harrison County, TX. Bridge Lead Engineer.</b> William designed superstructure, substructure, and foundation elements for a 16-span pre-stressed pre-cast I-girder structure supported on reinforced concrete bents and drilled shafts. The design of the structure was influenced by difficult phasing due to the existing steel structure that could not be demolished in phases and limited right of way. The structure was also designed for significant scour.			
02/18 – 08/19	<b>Calhoun at Brays Bayou Bridge Replacement, TXDOT Houston District, Houston, TX. Bridge Engineer.</b> This off-system bridge replacement project included channel improvements to Brays Bayou including hydraulic model coordination with HCFCD, on-going coordination with the bridge owner – City of Houston, intersection and signal design, retaining walls, phased bridge replacement, utility design and coordination, custom aesthetics and construction phase services. William worked on superstructure, substructure, and foundation design for the bridge as well as retaining wall design.			

Firm employed by HDR Engineering, Ing.				
Name	Sarah De Moya, PE		Years of relevant experience with this employer	10
Title	Bridge Group Team Lead		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2006 / Civil Engineering MS / 2007 / Structural Engineering		
Active registration number / state / expiration date		PE.0038011 / Louisiana / Exp. 03/31/2025		
Year registered	2013	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		Bridge Design		
Sarah's experience includes structural design and analysis of bridges. She has experience in each stage of bridge design including preliminary planning, structural design, and construction phase services. She has also served as a design engineer for design-build and design-bid-build projects, signature bridges, bridge rehabilitations, bridge widenings, and military vehicle bridges.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/22 – 07/23	<b>LA 577 Overpass Repair Over I-20 Phases 1 &amp; 2, Louisiana Department of Transportation and Development (LADOTD), Waverly, LA. <i>Engineer of Record.</i></b> Sarah developed demolition and rehabilitation plans, specifications and estimates to replace bridge span damaged by a truck. A portion of the existing bridge, including pre-stressed concrete beams, bridge railing and bridge deck were partially damaged. In Phase 1, the damaged bridge was load rated to determine if a portion of the bridge was safe to open to traffic. The bridge reopened to one lane of traffic while design for span replacement was on-going. Phase 2 Design included AASHTO Type 3 girders designed using LEAP Bridge Concrete with modifications to existing substructure for additional girder due to phased construction. Design and LRFR load rating was in accordance with LADOTD BDEM and Bridge Design Technical Memos and plans were developed using DOTD CadConform.			
01/18 – 09/19	<b>FM 528 Extension SH 6 to SH 35 Business, City of Alvin, Alvin, TX. <i>Bridge Lead Engineer.</i></b> Sarah oversaw the structural design calculations and plans for a new bypass route over a BNSF Railroad track. This two-lane rural bridge on new location was designed for future widening. Sarah led the design of pre-stressed concrete I-girders, concrete piers, and drilled shaft foundations. She also developed Exhibit A and located bridge piers outside of BNSF railroad ROW as well as the design of retaining walls and custom project aesthetics.			
08/22 – Ongoing	<b>Corsicana Bridge Replacements, TXDOT Dallas District, Navarro County, TX. <i>Senior Bridge Engineer.</i></b> Sarah led design development for five rural bridge replacements. The SH31 over Post Oak Creek bridge is one half of a four-lane divided highway utilizing concrete slab beam superstructure, concrete piers and drilled shaft foundations designed for 12 feet of scour. Low chord elevation was set above the 100-year design flood event which resulted in the need for retaining walls on the bridge approaches to keep final grading within existing state ROW.			
06/19 – 12/20	<b>Old US 90 at Baird's Bayou Bridge Replacement, Orange County, TX. TXDOT Beaumont District. <i>Deputy Project Manager/Bridge Lead.</i></b> Sarah coordinated with TXDOT, subconsultants, and internal production team to progress design and deliver this project on a tight schedule. This project included environmental documentation, utility relocation, retaining walls, and end-on-end bridge demolition and construction due to existing bridge condition and difficult site access. This rural bridge included pre-stressed concrete pile trestle bents with slab beam superstructure.			

Firm employed by HDR Engineering, LLC				
Name	Nicholas Gaspard, PMP		Years of relevant experience with this employer	0
Title	Environmental Project Manager		Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		MS / 2008 / Marine & Environmental Biology BS / 2006 / Marine Biology		
Active registration number / state / expiration date		No.2237828 / Nationwide / Exp. 08/02/2024		
Year registered	2018	Discipline	Environmental	
Contract role(s) / brief description of responsibilities		Environmental Permitting		
Nick has 17 years of experience in assisting public and private clients with environmental and regulatory permitting requirements under federal, state, and local agencies' regulations necessary for the construction and operation of complex coastal restoration and energy projects. He uses an innovative and results-driven approach to develop novel project strategies to mitigate potential regulatory and project design challenges and develop a project-specific permitting model that preemptively alleviates latent regulatory issues.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/23 - Ongoing	<b>Tern Island Restoration, Coastal Bend Bays &amp; Estuaries Program, Nueces County, TX.</b> <i>Sr. Environmental Scientist.</i> This project consists of the design and regulatory services for coastal protection and restoration at Tern Island, a rookery island located in the upper Laguna Madre near Corpus Christi, Texas. To date, Nick has performed a wetland delineation, submerged aquatic vegetation survey, and oyster assessment survey for this project.			
05/23 - Ongoing	<b>LA Connector Amendment, Sempra LNG – Port Arthur Pipeline, LLC, Jefferson &amp; Orange Counties, TX, Cameron, Calcasieu, Allen, &amp; Beauregard Parishes, LA.</b> <i>Project Manager.</i> The Federal Energy Regulatory Commission (FERC) issued an Order authorizing the Port Arthur Pipeline, LLC’s (PAPL) proposal to construct, operate, and maintain certain natural gas pipeline facilities for the Louisiana Connector Pipeline Project. Nick’s role is to file the necessary documents to amend the FERC Order to reflect changes in the alignment of the pipeline. His duties include weekly conference calls with stakeholders, drafting of FERC Amendment documents, invoicing, and project controls to ensure adherence to scope, fee, and schedule.			
05/23 - Ongoing	<b>Mermentau Basin Inundation Relief, Cameron Parish Police Jury, Cameron Parish, LA.</b> <i>Sr. Environmental Scientist.</i> In a subconsultant role, assist CPPJ with developing a workable plan in Mermentau Basin to divert water into the marsh areas that will benefit from the freshwater, nutrients and sediment before flowing into the Gulf of Mexico. The plan includes infrastructure improvements to the existing East End Lock structure and install five new water control structures. Nick’s role thus far has been regulatory permitting for the design features selected by the project engineers.			
1/22 – 03/23	<b>Henderson Lake Dixie Pipeline Spoil Bank Hydrologic Restoration (AT-0023), Coastal Protection and Restoration Authority, St. Martin and St. Landry Parishes, LA.</b> <i>Project Manager.</i> The project is designed to increase sheet flow of water from the northern reaches of the Atchafalaya Basin to the south. Nick’s role included a preparation of scope, fee, and schedule. He oversaw the data collection of multibeam data in the Dixie Pipeline Canal as well as Lidar data of the spoil banks and adjacent areas collected via a drone platform. In performing his duties, Nick meticulously reviewed and prepared monthly invoices. Prior to construction, he also prepared and directed the pre-bid conference, pre-bid site visit, and bid opening.			

Firm employed by HDR Engineering, Inc.			
Name	Amber Robinson, PWS	Years of relevant experience with this employer	10
Title	Environmental Practice Lead	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2012 / Environmental & Sustainable Resources BS / 2008 / Business Management	
Active registration number / state / expiration date		Professional Wetland Scientist / US, No. 3286 / Exp. 10/22/25	
Year registered	2020	Discipline	N/A
Contract role(s) / brief description of responsibilities		Environmental Permitting	
Amber has ten years of professional experience with an emphasis on wetland delineations and permit coordination. Her technical areas of expertise include delineation of waters of the U.S., US Corps of Engineers, Section 10/404 permit coordination, state coastal use permit coordination, US Coast Guard bridge advance approvals and exemptions, NEPA documents, T&E species habitat evaluations, wetland ecology assessments, and compliance monitoring and Phase I Environmental Site Assessments.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/22 – Ongoing	<b>Gulf Coast Shore Hardening Emergency Project, CSXT, Orleans Parish, LA.</b> <i>Environmental Lead.</i> Amber is currently coordinating with agencies to close out the permitting process while this emergency project of a two-mile long rail embankment stabilization project is under construction. Amber led a small team that developed a request for emergency use from the USACE New Orleans District and the Louisiana Department of Natural Resources Office of Coastal Management. The emergency use authorizations were received within five days from application submittal.		
03/21 – Ongoing	<b>Baton Rouge Subdivision MP 431 Reconstruction Permitting, Illinois Central RR, Norco, LA.</b> <i>Environmental Scientist/Project Manager.</i> Amber led the development and submission of a joint permit application, request for Section 408 review, request for USCG advance approval and lighting exemption, and draft Stormwater Pollution Prevention Plan for an 8,000-foot-long railroad bridge replacement project that spans the USACE’s Bonnet Carré Spillway. She led the team that received authorization under Section 106 for an unmarked civil war era burial ground without the need for a costly excavation investigation. Authorizations were accomplished within 11 months of the original joint permit application submittal.		
01/20 – Ongoing	<b>Bonnet Carré Spillway Bridge Replacement Permit Modification, Illinois Central RR, La Place, LA.</b> <i>Environmental Scientist/Project Manager.</i> Amber led the development and submission of a modification to a Coastal Use Permit, USACE Programmatic General Permit, Real Estate Outgrant amendment and Section 408 authorization. Her tasks included permit application development and coordination, joint agency meeting moderator, revision to permit applications, and project management responsibilities. Permit amendments were issued within six months of the application modification submittal.		
07/18 - Ongoing	<b>Illinois Central RR, Bonnet Carré Spillway Bridge Replacement Compliance Monitoring, La Place, LA.</b> <i>Environmental Scientist/Project Manager.</i> Amber conducted Waters of the U.S. delineation and proposed jurisdictional determination in support of two proposed alternatives, including preparation of a Preliminary Wetland Delineation and Proposed Jurisdictional Determination Memorandum. Other tasks included coordination with Louisiana Office of Coastal Management to complete the purchase of mitigation bank credits and finalized the Coastal Use Permitting process, preparation of baseline and impact sections for an EA led by the USCG and USACE, as well as ongoing coordination with the USACE Operations Division throughout the construction of the project. Amber is finalizing the permit compliance monitoring of the construction phase of the project, including the preparation of permit close out documents and pre-construction photos.		

Firm employed by HDR Engineering, Inc.			
Name	Edwin Rydell, PE	Years of relevant experience with this employer	24
Title	Senior Project Manager	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS / 1986 / Civil Engineering	
Active registration number / state / expiration date		PE.0047343 / Louisiana / Exp. 03/31/2025	
Year registered	2022	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Bridge Design / QA/QC	
<p>Edwin has over 30 years of experience in the transportation-engineering field with seven years as the Design Engineer in the Humble Area Office at the Texas Department of Transportation. He is familiar with all aspects of asphalt and concrete roadway design from the planning phase to final design and letting. He has worked on various projects that included the determination of horizontal and vertical alignments, bridge layouts, storm sewer design, traffic control, utility coordination, signing and pavement markings, and signal design. Edwin is very familiar with the software to complete the roadway design including GEOPAK and Microstation. He is also familiar with SIGNCAD for overhead sign designs.</p>			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
11/22 – 03/23	<p><b>LA 577 Overpass Repair Over I-20 Phases 1 &amp; 2, Louisiana Department of Transportation and Development (LADOTD), Waverly, LA.</b> <i>Roadway and Traffic Control Plan Lead.</i> Edwin developed the roadway design and TCP plans for both Phases of this emergency site inspection to assess the condition of a bridge struck by a truck. HDR completed the Phase 1 design consisting of a PS&amp;E in order to get a single lane of traffic open. After the emergency Phase 1 Design was complete, HDR started Phase 2 PS&amp;E to complete the design for a replacement span.</p>		
05/18 – 12/22	<p><b>FM 528 Extension SH 6 to SH 35 Business, City of Alvin, Alvin, TX.</b> <i>QC Manager.</i> Edwin reviewed the roadway design of a new two-lane curbed roadway with curb inlets and 24-in RCP equalizers to capture the drainage into the open ditches behind the curb, with a new grade separation (overpass) over the existing Burlington Northern Santa Fe (BNSF) railroad tracks. Edwin completed the QC review of the schematic for new location roadway. Once design began, Edwin completed the QC reviews prior to each submittal for the TCP, roadway and drainage components. He checked that design requirements were met and that there were no conflicts between the design of the different disciplines.</p>		
08/17 – 07/20	<p><b>Louetta Road from Stablewood Farms Drive to Little Cypress Creek, Harris County Engineering, Cypress, TX.</b> <i>Project Manager.</i> Edwin managed the design of a new location four-lane boulevard section. Edwin was responsible for completing the new design including roadway, drainage, detention, striping, environmental, and preparing a complete plan set and documents. He also assisted with the construction administration of the project.</p>		
04/12 – 01/16	<p><b>Pearland Parkway Extension, City of Pearland, Pearland, TX.</b> <i>Project Manager.</i> Edwin provided the roadway design of a new location four-lane boulevard concrete section with curb and gutter and a storm sewer system. He reviewed and applied the design of two new bridges across Cowart’s Creek, as well as reviewed the hydraulic analysis and drainage study which determined water surface elevations. Edwin set the bridge profile to provide a design with no impacts to Cowart’s Creek. He also completed the traffic control plan for the tie-in to the existing roadway on each end of the project.</p>		

**16. Staff Experience:**

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by	Volkert, Inc.		
Name	<b>Randy Denmon, PE, PLS</b>	Years of relevant experience with this employer	26
Title	Project Manager & Hydraulics / Survey	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	MS   1996   Civil Engineering BS   1991   Mathematics		
Active registration number / state / expiration date	29390   LA PE   03/31/2023 4798   LA PLS   03/31/2023		
Year registered	1996 / 2001	Discipline	Civil / Survey
Contract role(s) / brief description of responsibilities	Mr. Denmon will serve as Project Manager and Surveyor. He will fulfill Minimum Personnel Requirements #7 for the duration of this project.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Mr. Denmon has 26 years experience in surveying and civil engineering for clients such as: La. Department of Transportation, and other State Agencies, Watershed and Lake Districts, the NRCS, and many local governments. Mr. Denmon has extensive experience with Trimble, Microstation and Bentley computer aided design software: and the LADOTD’s Location and Survey Procedures for both topographic and right of way surveys. Mr. Denmon’s certifications include: ▼ ATSSA Certified Flagger			
07/22 - 01/23	<b>IDIQ Contract for Design of Safety Projects, Statewide With Majority Of Work In Districts 04, 05 And 58. Contract No. 4400019871, LADOTD.</b> Sub to Gresham Smith for Topographic and Right of Way Surveys. One Task Order Complete. Surveyor in charge of all survey work.		
12/21 - 01/23	<b>IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract, Region 3, LADOTD, State Contract No. 4400017069.</b> Sub to Wood for topographic surveying on streams and bridges. Four Task Orders for \$1,426,244. Surveyor in charge of all survey work.		
04/08 - 01/23	<b>Kansas Lane Connector, LADOTD.</b> Engineer of record for all design work to include geometric design, drainage and final plans for approximately 3 miles of new urban 4 and 5 lane roadway. Construction Cost Estimate: \$43,000,000. H.007289		
11/19 - 10/20	<b>LA 3249: Roundabout @ I-20/Well Rd., Ouachita Parish, LA, LADOTD.</b> Project Engineer. Design of roundabout on LA 3249 within existing right-of-way. Project included five lane to two lane concrete roundabout with sub-surface drainage and concrete on/off ramps with sub-surface drainage. Work included: design drainage, geometric design, joint layout, typical sections, marking plans, preliminary and final plans, quantity calculations and cost estimates.		
01/12 - 11/18	<b>Flood Control Improvements to the Rochelle St., Roselawn St. &amp; 11th Area Of Monroe, LADOTD.</b> Project included all surveying, environmental permitting, H&H Modeling with HEC-HMS and HEC-RAS, Final Plans, Bidding and Construction		

	Inspection. Project included new 6-acre retention pond and modifications to the existing Rochelle St. Pump Station. Project Cost: \$2,153,000. Project funded through the LADOTD's Statewide Flood Control Program.
01/17 - 09/21	<b>Retainer Contract for Safe Routes to Schools (Srts) and Local Road Safety Program (LRSP), LADOTD. Contract No. 4400005894.</b> Complete topographic and right of way surveys for six projects. Surveyor in charge of all survey work.
01/00 - 04/08	<b>Jct. US 84 - Jct. LA 126; Route LA 34; Winn Parish; SPN 700-64-0102; FAP No. STP-591-1(008), LADOTD.</b> Design, and Topographic and R-O-W surveys for the relocation and reconstruction of approximately 11 miles of rural state HWY 34. Engineer and surveyor on the project.
03/09 - 04/11	<b>Oliver Road Widening, SPN 742-37-0019, ARR 3709(504), LADOTD.</b> Widening and reconstruction of 1 mile of urban road from 2 land to 3 lanes. Engineer of record and surveyor in charge of topographic and right of way surveying.
03/01 - 04/16	<b>Fink's Hide-A-Way Road Project Number: SPN 700-24-0087, FAP 8456 (002), LADOTD.</b> Project Engineer. Widening approximately 2 miles of Finks Hide-A-Way road in Ouachita Parish to three/five lane undivided roadway with underground drainage. Prime Engineer in charge of roadway design for the entire project. Project included concrete roadway, curb and gutter, and underground drainage. Work included: drainage design, geometric design, typical sections, preliminary and final plans, quantity calculations and cost estimates.

Firm employed by	Volkert, Inc.		
Name	<b>Chris Patrick, PE</b>	Years of relevant experience with this employer	36
Title	QA/QC	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS   1986   Civil Engineering	
Active registration number / state / expiration date		24424   LA PE   09/30/2023	
Year registered	1991	Discipline	Civil
Contract role(s) / brief description of responsibilities		Mr. Patrick will serve as Client Liaison & QA/QC Manager for the duration of this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Mr. Patrick has 36 years of experience in civil/environmental engineering and construction management and is a licensed civil and environmental engineer. His project experience includes water systems; sewer systems; piping; storm water, sewer, and water supply pump stations; small building design; and recreational facilities in both rural and urban settings. His design experience includes civil, structural, hydraulic, hydrologic, sanitary, mechanical, CAD, architecture, environmental, and cost estimating. Mr. Patrick has extensive experience with WaterCAD and Bentley Software.			
02/98 - Ongoing	<b>Tensas Parish – Wide Water System – Tensas Parish Police Jury, Tensas Parish, LA.</b> Engineering, planning and feasibility studies, final designs and supervision of construction for several related projects to locate a source of potable water more suitable than the poor-quality ground water currently being used. Recommended improvements that were implemented including utilizing existing Lake Bruin as a source, construction of an intake structure, raw water pumping station and treatment plant along with associated transmission lines, storage, booster plants and regulators to distribute to other water systems in the Parish. Estimated cost \$4,200,000.		
04/19 - 02/21	<b>Proposed LCDBG Sewer System Improvements – Brendle Street, Bastrop, LA.</b> Project Supervisor. Project included surveying, permitting and design of replacement of existing sanitary sewer system gravity collection system lines and manholes. Project components include 16,000 linear feet of 12”, 15” and 18” sanitary sewer gravity mains and sewer manholes. Project included civil, hydraulic, sanitary, CAD, environmental and cost estimating.		
11/21 - 10/22	<b>Proposed Wastewater Collection System – Airline Drive, Bossier Parish, LA.</b> Project Supervisor. Project included surveying, permitting and design of new gravity sanitary sewer collection system lines to facilitate new commercial customers and business developments. Project components include 4,000 linear feet of 12” and 15” sanitary sewer gravity mains and sewer manholes. This project is an ongoing continuation of a parish-wide sewer system consolidation project. Project included civil, hydraulic, sanitary, CAD, environmental and cost estimating.		
08/19 - 07/20	<b>Proposed Pargoud Street Lift Station Force Main Relocation, Monroe, LA.</b> Project Supervisor. Project included surveying, permitting and design of a new sewer force main for an existing pump station in an existing subdivision. Project components include 4,000 linear feet of 6” sanitary sewer force main. Project included civil, structural, hydraulic, sanitary, CAD, environmental and cost estimating.		
05/19 - 08/20	<b>Proposed LCDBG Sewer System Improvements – Merrywoods Subdivision, Bossier Parish, LA.</b> Project Supervisor. Project included surveying, permitting and design of replacement of existing sanitary sewer system gravity collection system lines and manholes. Project components include 3,600 linear feet of 8” sanitary sewer gravity mains. This project is an ongoing continuation of a parish-wide sewer system consolidation project. Project included civil, hydraulic, sanitary, CAD, environmental and cost estimating.		

04/16 - 05/17	<b>Proposed LCDBG Sewer Treatment Plant Improvements, Bonita, LA.</b> Project Supervisor. Project included surveying, permitting and design of a complete renovation to an existing extended aeration sewer treatment facility. Project components include a new aeration system for an existing racetrack style primary oxidation basin, rehabilitation of an existing clarifier, rehabilitation of existing sludge drying beds, rehabilitation of an existing rock filter and rehabilitation of an existing chlorine contact chamber. Project included civil, structural, hydraulic, sanitary, mechanical, electrical, CAD, environmental and cost estimating.
11/16 - 02/17	<b>Proposed Lift Station and Force Main for Kingston Road, Bossier Parish, LA.</b> Project Supervisor. Project included surveying, permitting and design of a new sanitary sewer lift station, force main and gravity sanitary sewer lines for a parish-wide sewer system consolidation project. Project components include 8,900 linear feet of 18", 15", 12", 10" and 8" gravity sanitary sewer lines, 18,150 linear feet of 20" and 30" sanitary sewer force mains and one (1) primary sewer lift station serving the entire Kingston Road service area. This project is an ongoing continuation of a parish-wide sewer system consolidation project. Project included civil, structural, hydraulic, sanitary, mechanical, electrical, CAD, environmental and cost estimating.
01/15 - 02/15	<b>Proposed Lift Station and Force Main for Hwy. 80, Bossier Parish, LA.</b> Project Supervisor. Project included surveying, permitting and design of new sanitary sewer lift station and force main for a parish-wide sewer system consolidation project. Project components include 64,250 linear feet of 24" and 30" sanitary sewer force mains and one (1) primary sewer lift station serving the entire Highway 80 service area. This project is an ongoing continuation of a parish-wide sewer system consolidation project. Project included civil, structural, hydraulic, sanitary, mechanical, electrical, CAD, environmental and cost estimating.
09/00 - 08/01	<b>City of Tallulah – Master Water Improvement Plan, Tallulah, LA.</b> Engineering and feasibility studies to determine the most cost-effective plan to improve water service to the City of Tallulah who were currently served by a private utility who were attempting to treat very poor-quality ground water. All available sources were studied including both ground and surface water. Recommendations included the City purchasing the system from the Private Utility and building the necessary infrastructure to utilize surface water from Poverty Point Reservoir approximately 20 miles distant as no ground water source with a good quality of water could be located within that range. Estimated project cost \$12,000,000.

Firm employed by	Volkert, Inc.		
Name	<b>Ashley Beckendorf, PE</b>	Years of relevant experience with this employer	8
Title	Roadway Design Engineer	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization	BS   2008   Civil Engineering		
Active registration number / state / expiration date	37334   LA PE   03/31/2025		
Year registered	1991	Discipline	Civil
Contract role(s) / brief description of responsibilities	Ms. Beckendorf will serve as Roadway Design Engineer for the duration of this project. Ms. Beckendorf fulfills Minimum Personnel Requirement #3.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
<p>Ms. Beckendorf has 14 years of design and engineering experience and expertise in delivering complex drainage, roadway, open space, and other capital projects for government clients. Over her career she has specialized in roadway engineering, sewer infrastructure design and drainage design. For the past six plus years, she has managed and assisted with managing several projects of complex nature and succeeded in keeping on schedule and maintaining great project outcomes. Before her management experience she worked on the East Baton Rouge Greenlight Program and East Baton Rouge Parish Sanitary Sewer Overflow Program, beginning from the preliminary stages to design, on through construction. With her experience working with EBR through these projects, combined with her knowledge of engineering and managerial experience give her the ability to make a very effective manager. She has managed every aspect of projects including geotechnical engineering, surveying &amp; mapping, environmental studies and permitting, subsurface utility engineering, utility coordination, lighting, traffic studies and design, Right of Way Acquisition, drainage, and roadway design. Ms. Beckendorf's certifications include:</p> <ul style="list-style-type: none"> <li>• FHWA-NHI-142005 NEPA and the Transportation Decision-making Process</li> <li>• Traffic Engineering Analysis</li> <li>• Process &amp; Report - Module 2</li> <li>• Process &amp; Report - Module 3</li> </ul>			
05/19 - 12/21	<p><b>I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LADOTD).</b> Ms. Beckendorf is providing roadway design submittal review for Volkert’s team. The I-220/I-20 Interchange Improvement and BAFB Access project in Bossier Parish consists of the extension of I-220 to the south over I-20 as a limited access 4-lane arterial to a new terminus on Barksdale Air Force Base (BAFB) and includes construction of four interchange ramps providing interchange connectivity for the new access road. The project includes the construction of two sets of bridge structures, one set for the I-20 over pass and the second set for the over- pass of the KCS RR. The project terminus will tie to a BAFB roadway project creating a new access location for the base.   State Contract No. 4400016173, S.P. No. H.003370.6.</p>		
05/18 - 05/19	<p><b>LA 929 at LA 930 Roundabout, Ascension Parish, LA (Ascension Parish Government).</b> As project manager and lead engineer, Ms. Beckendorf coordinated all sub-consultants and supervised all work done on the project. This a new roundabout at LA 929 and LA 930. It consists of a one lane roundabout with a combination of ditch drainage and subsurface drainage.</p>		
05/18 - 05/19	<p><b>Plank Road, East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport).</b> As project manager, Ms. Beckendorf coordinates between sub-consultants, between the airport, the FAA, and LADOTD. She is responsible for the design of Plank Road (the new alignment), QA/QC of all components and supervision of all PE’s, EI’s, and technicians working on the project’s design. This is project is to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It</p>		

	also includes a new lighting system and new signalized intersection. This project is an Airport project, funded by FAA, but the road will be transferred to LADOTD.
10/15 - 09/16	<b>I-10: Highland Road to LA 73 Supplemental Agreement No. 2, East Baton Rouge and Ascension Parishes, LA (LADOTD).</b> Volkert was contracted to perform and prepare an Interstate Modification Report (IMR) to analyze the existing roadway networks and identify the best alternatives to improve capacity the interchange at I-10 and LA 42. As one of the Project Engineers, Ms. Beckendorf assisted in managing the project tasks. She performed 15-minute queue length analyses. She performed a crash study, including a crash analysis of all the intersections, segments, and spots using LADOTD manual for Crash Data Analysis and crash1b software, pulling crash reports, analyzing the over representation, and drawing crash diagrams. Lastly, she has assisted in the time travel study. State Contract No. 4400004915 SA 2, S.P. No. H.009250
01/15 - 04/15	<b>Clarence Henry Truckway Right Turn Lane Addition   New Orleans, LA   Port of New Orleans.</b> As Project Manager and Project Engineer, Ms. Beckendorf provided roadway engineering for a right turn lane addition of approximately 1 mile in length. The scope of her work included plans, specifications and quantities with plan elements such as typical sections, plan sheets, striping and signing, sequence of construction and traffic control. Volkert is responsible for the preliminary submittal through the 100% final design plan submittal.
04/14 - 12/15	<b>Magnolia Converted Pedestrian Bridge Rehabilitation   New Orleans, LA   City of New Orleans.</b> Ms. Beckendorf designed ADA compliant sidewalks and ramps. Volkert is responsible for providing design, engineering and construction management services to the City for the rehabilitation of a late 19th century bridge over Bayou St. John.
04/14 - 12/14	<b>St. Landry Road – Edenborne Connector, Ascension Parish, LA (Ascension Parish Government).</b> As Project Engineer, Ms. Beckendorf provided roadway design engineering including plan profiles, specifications, geometrics, typical cross sections, and striping and signing plans. For the sewer work, she designed gravity and force main lines and assisted with the design of the pump station and site layouts. The project consists of providing provide an environmental impact study, right away analysis, full roadway and utility design, and bid services for a divided facility that will connect St Landry Ave. and Edenborne Connector. Volkert is responsible for the initial preliminary information submittal through the 100% final design plan submittal.

Firm employed by		Volkert, Inc.	
Name	<b>Gaston Ibarra, PE</b>	Years of relevant experience with this employer	4
Title	Project Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS   2018   Civil Engineering	
Active registration number / state / expiration date		47844   LA PE   09/30/2023	
Year registered	2023	Discipline	Civil
Contract role(s) / brief description of responsibilities		Mr. Ibarra will provide engineering services for the duration of this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Mr. Ibarra joined Volkert’s Baton Rouge office in July 2018 and graduated from LSU in December 2018. He took his fundamentals exam in October 2018. Since joining Volkert his experience has included roadway and bridge infrastructure design assistance. He has lived in Central and South America for approximately 19 years and fluently communicate verbally and written in both Spanish and English.			
02/20 – 08/24 (est.)	<b>LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements.</b> Mr. Ibarra is serving as part of the QA/QC contract compliance team performing internal QA design audits for the Belle Chasse Bridge and Tunnel Improvements. Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the P3 adheres to their contract, and address other assignments as directed.		
01/20 – 01/21	<b>Roundabout at Highway 929 and Highway 930 in Prairieville, LA for Ascension Parish.</b> Mr. Ibarra served as Project Intern for the Move Ascension program Volkert was assigned a task order to develop plans for a Roundabout Highway 929 and Highway 930, Prairieville, LA. The roundabout will replace the existing stop-controlled intersection and consists of a single lane asphalt roundabout. The roundabout will be designed through SIDRA, AASHTO, and LADOTD standards.		
01/18 – 09/20	<b>Causeway Shoulder Bay Design, Jefferson and St. Tammany Parishes, LA (Greater New Orleans Expressway Commission).</b> Mr. Ibarra served as Project Intern and provided quantity takeoffs during various stages of design. Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders will provide a safe space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana.		
05/18 – 05/19	<b>Plank Road, East Baton Rouge Parish, LA, Baton Rouge Metropolitan Airport.</b> Mr. Ibarra served as Project Intern for this is project to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection. Volkert is providing design, environmental permitting, and ROW acquisition for the relocation of Plank Road on a new alignment. This project is an Airport project, funded by FAA, but the road will be transferred to LADOTD. Volkert is also providing coordination between sub-consultants, the airport, FAA, and LADOTD.		

07/19 – 12/19	<p><b>Formosa Heavyhaul Bridge Coastal Bridge Co., LLC, Statewide, Louisiana.</b> Mr. Ibarra served as Project Intern for this project. Volkert is the prime consultant for this design-build project that involves the design of a continuous span bridge that is to hold extremely heavy loads crossing multiple lines of railroad tracks. It is a unique design that involved special design considerations for the bridge, retaining walls, crash walls, and the drainage design. It included a drainage design that incorporated trench drains to withhold extra heavy-duty loads.</p>
01/22 - 01/23 (est.)	<p><b>Reconstruction of Chalmette Slip Design for the St. Bernard Port Harbor &amp; Terminal District.</b> Mr. Ibarra is serving as engineering support assisting with the design of the super and substructures. Volkert was selected as Design Engineer and during the early design report development it became clear that the owner had more scope than available dollars. With TIGER Grant funding all funds need to be utilized and it was unfeasible to combine traditional bid alternatives to achieve this. Volkert requested that the project be considered for CMAR procurement and the owner agreed. 15% Design documents and alternatives were provided for the CMAR contractor procurement. Boh Bros. was selected as the CMAR contractor and the pilot piling package for a test pile is under negotiation and design at 60%. Construction should begin in mid-2020. Volkert is responsible for design, partnering, independent cost estimating and working with the contractor for Value Engineering.</p>

17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

<b>Firm Name</b>	Burk-Kleinpeter, Inc.	<b>Past Performance Evaluation Discipline(s)*</b>	bridge / road
<b>Project Name</b>	Rural Bridge Replacement Phase I & II	<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>		<b>Owner's Name</b>	Louisiana DOTD
<b>Project location</b>	<i>Various Parish, LA</i>	<b>Owner's Project Manager</b>	Brian Allen
<b>Owner's address, phone, email</b>	1201 Capitol Access Road, Baton Rouge, LA, 225-379-1840, brian.allen@la.gov		
<b>Services commenced by this firm (mm/yy)</b>	07/20	<b>Total consultant contract cost (\$1,000's)</b>	Phase I: \$3,600 Phase II: \$4,800
<b>Services completed by this firm (mm/yy)</b>	Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	Phase I: \$1,200 Phase II: \$1,600

**Staff To Be used in this Proposal** • Henry M. Picard, III, PE, PLS • Rene' A. Chopin, III, PE • Andrew R. Jensen, PE • Rebecca J. Chopin, PE • Bailee L. Hurm, EI • Garrick A. Rose, AICP

**Burk-Kleinpeter, Inc.** was contracted by the Louisiana Department of Transportation & Development to prepare construction documents for the Rural Bridge Replacement Initiative Phase I for 33 bridges across 16 State Projects on the State Highway System and local roadways in Districts 03, 07, 61, and 62. Phase II consisted of the replacement of 34 bridges across 9 State Projects on the State Highway System and local roadways in Districts 05, 08, and 58.

Through both phases, environmental tasks included NEPA compliance, wetland findings reports, and Coastal Use Permits and Sec. 10/404 permits, as needed. Design included topographical surveys, real estate property surveys and right-of-way maps, hydraulic analysis and design services, and preliminary and final design and plan sets for replacement of substandard bridges and associated roadway approaches in the identified locations. Work included removal of existing bridge decks, timber structures, pilings, and guard rails, and construction of new concrete bridges, driving of new concrete pilings, installation of new guardrails, replacement of roadway, installation of reinforced concrete boxes (where applicable), and widening of roadway embankment. BKI provided special bridge designs for cast-in-place slab span bridges and one LG girder bridge. As designed bridge load ratings per LRFR are included.

Bridges replaced in the course of this initiative include state project numbers H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.01397, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997, H.014242.5, H.014243, H.014245, H.014246, H.014247, H.014248, H.014249, H.014250, H.014268.

**Project Relevance**  
**Services Performed:** Bridge Design, Roadway Design and Environmental  
**Key Challenges:** Sequencing of bridge projects to maintain traffic, meeting FHWA TIFIA Program requirements, and minimizing ROW taking based upon rural bridge criteria.  
**Innovation and Best Practice:** Performed multi-bridge hydraulic analysis for flow and scour. DOTD Hydraulic section selected our hydraulic models as an example for use on other bridge replacement projects.  
**Accomplishments:** Managing 25 state projects including survey, environmental, hydraulic, preliminary and final plans on a compressed schedule.



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

<b>Firm Name</b>	Burk-Kleinpeter, Inc.	<b>Past Performance Evaluation Discipline(s)*</b>	bridge / road
<b>Project Name</b>	Mandeville By-Pass	<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>		<b>Owner's Name</b>	St. Tammany Parish Government
<b>Project location</b>	Covington, LA	<b>Owner's Project Manager</b>	Daniel Hill
<b>Owner's address, phone, email</b>	P.O. Box 628 Covington, LA 70434, 985-898-2552, dphill@stpgov.org		
<b>Services commenced by this firm (mm/yy)</b>	03/15	<b>Total consultant contract cost (\$1,000's)</b>	\$2,775 (fee)
<b>Services completed by this firm (mm/yy)</b>	12/24 (est)	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$980 (fee)

**Staff To Be used in this Proposal** • Michael D. Chopin, PE • Henry M. Picard, III, PE, PLS • Andrew R. Jensen, PE • Chopin, Rene, III, PE • David E. Boyd, PE • Timothy J. Koenig, PE • Rebecca J. Chopin, PE

**Burk-Kleinpeter, Inc.** prepared a feasibility study for a proposed roadway connecting US Highway 190 and LA Highway 1088 with roundabout intersections at each end. BKI's team has included the services of specialty consultants for traffic forecasting, biological investigations, and cultural resources assessments. The study initially evaluated eight corridor alignments, reduced alignment alternatives to a short list of three, and then to a single recommended alignment. All the short-listed and recommended alternatives included the implementation of roundabouts to provide the best level of service to traffic along the length of the corridor based on LADOTD EDSM NO: VI.I.I.5 guidelines. A single lane roundabout with allowances for an upgrade to a two-lane roundabout in the future was selected for the intersection at LA 1088. A single lane roundabout with a dedicated left turn lane was utilized at the intersection with US 190. On the recommended alternative, the BKI team prepared schematic roadway plans including typical sections and plan/profile sheets. The project study area includes the habitat for an active colony of Red-Cockaded Woodpecker, an endangered species. As part of the study, the BKI team coordinated with user agencies including the U.S. Environmental Protection Agency, Natural Resource Conservation Service, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, LA Dept. of Wildlife and Fisheries, Dept. of Culture Recreation & Tourism, LADEQ, LA Dept. of Agriculture and Forestry, LADOTD, and LA Dept. of Natural Resources. The BKI design team conducted several public meetings and subdivision meetings to solicit public input and established the roadway design criteria for the proposed bypass including design speed, horizontal and vertical geometric components, multi-use path, utility servitudes, and buffer zones. The feasibility study included evaluation of wetlands, endangered species, cultural resources, residential/commercial displacements, ROW acquisition costs, mitigation costs, construction costs, utility relocation costs, and project transportation benefits. In addition, BKI prepared all necessary permits for the selected alignment. Preliminary plans included the preparation of typical sections, plan/profile sheets, existing and design drainage maps, geometric layouts, sequence of construction and cross sections. Currently, the project is in final design and is 84% complete. The project consists of over 3.5 miles of roadway, multi-use paths, and two roundabouts.

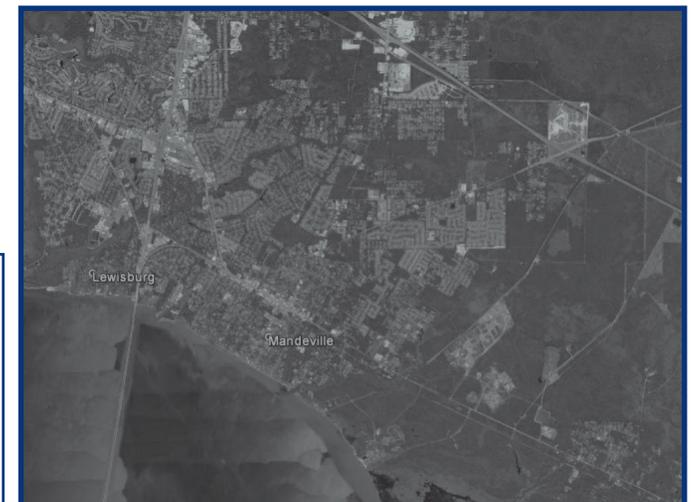
**Project Relevance**

**Services Performed:** Bridge Design, Roadway Design and Environmental

**Key Challenges:** Prepared NEPA style documents on a locally funded project and met all USACE evaluation standards.

**Innovation and Best Practice:** Used GIS databases to predict wetlands and endangered species habitat for multiple alternatives in lieu of field studies in the alternative selection

**Accomplishments:** Prepared alternatives analysis for wetland endangered species via GIS data search and had that validated by actual field surveys. Obtained DNR LONO and USACE Section 10/404 permit.



17. Firm Experience:

Identify the team’s project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

<b>Firm Name</b>	Burk-Kleinpeter, Inc.		<b>Past Performance Evaluation Discipline(s)*</b>	bridge / road
<b>Project Name</b>	Earhart Expressway - Causeway Boulevard Interchange		<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>	SPN H.002861	<b>Owner’s Name</b>	LA Department of Transportation & Development	
<b>Project location</b>	Metairie and Jefferson, LA	<b>Owner’s Project Manager</b>	Li Yang	
<b>Owner’s address, phone, email</b>	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1456, li.yang@la.gov			
<b>Services commenced by this firm (mm/yy)</b>	04/11	<b>Total consultant contract cost (\$1,000’s)</b>	\$7,812	
<b>Services completed by this firm (mm/yy)</b>	12/23 (Est.)	<b>Cost of consultant services provided by this firm (\$1,000’s)</b>	\$6,278	

**Staff To Be used in this Proposal** • Michael D. Chopin, PE • Henry M. Picard, III, PE • Rene A. Chopin, III, PE • David E. Boyd, PE • Rebecca J. Chopin, PE • Andrew R. Jensen, PE

**Burk-Kleinpeter, Inc.** is the prime consultant responsible for providing all engineering services to design a new interchange between Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046) in Jefferson Parish. This project includes a full interchange providing all directions of movement between the two corridors. The interchange fit within a very compact footprint with very unique geometric challenges. The interchange features seven new ramps which include at-grade roadways and bridge structures.

Six of the eight movements were under free-flow conditions and two will function under a signal controlled condition. An elevated signalized intersection was used for the concurrent left turn movements from eastbound Earhart Expressway to southbound Causeway Boulevard and from westbound Earhart Expressway to southbound Causeway Boulevard.

The project provided improved connectivity between major regional employment centers located in the Earhart Expressway and Causeway Boulevard corridors. The interchange has created another link between Earhart Expressway and Interstate 10 via Causeway Boulevard. The existing Causeway Boulevard and Earhart Expressway Bridges were evaluated and rated using Load Resistance Factor Rating (LRFR). BKI developed recommendations to correct any deficiencies found.

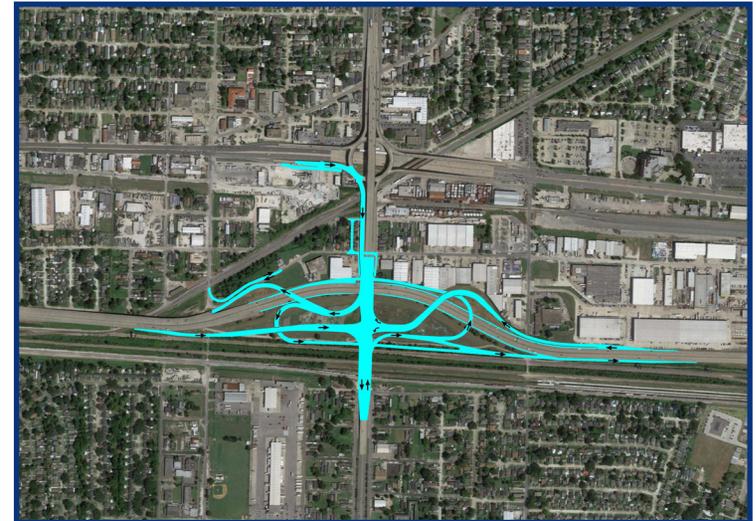
**Project Relevance**

**Services Performed:** Bridge Design, Roadway Design, Subsurface Utility Engineering, Preliminary and Final Plans and Construction Administration

**Key Challenges:** Conducted a supplemental Environmental Assessment and design of seven new ramps, roadways, and bridge structures.

**Innovation and Best Practice:** Provided improved connectivity between major regional employment centers.

**Accomplishments:** Provided improved connectivity between major regional employment centers.



17. Firm Experience:

Identify the team’s project experience most relevant to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

<b>Firm Name</b>	Burk-Kleinpeter, Inc.		<b>Past Performance Evaluation Discipline(s)*</b>	bridge / road
<b>Project Name</b>	Peters Road Bridge and Extension		<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>	H.008068, H.008069, H.008244	<b>Owner’s Name</b>	Plaquemines Parish Government	
<b>Project location</b>	Plaquemines Parish, LA	<b>Owner’s Project Manager</b>	Ken Dugas	
<b>Owner’s address, phone, email</b>	333 F. Edward Hebert Blvd., Belle Chasse, LA 70037, (504) 392-6690, kendugas@plaqueminesparish.com			
<b>Services commenced by this firm (mm/yy)</b>	07/07	<b>Total consultant contract cost (\$1,000’s)</b>	\$7,767	
<b>Services completed by this firm (mm/yy)</b>	07/24 (est)	<b>Cost of consultant services provided by this firm (\$1,000’s)</b>	\$6,402	

**Staff To Be used in this Proposal** • Michael D. Chopin, PE • Henry M. Picard, III, PE, PLS • Rene A. Chopin, IV, PE • Andrew R. Jensen, PE • Rene, A. Chopin, III, PE

**Burk-Kleinpeter, Inc.** (BKI) was selected by the Plaquemines Parish Government to prepare preliminary and final road and bridge plans for a new fixed, high-level bridge across the Gulf Intracoastal Waterway with roadways connecting Peters Road (LA 3017) in Jefferson Parish with LA Highway 23 in lower Belle Chasse, LA. The Jefferson Parish connection includes realignment and creation of a couplet along a portion of the Murphy Canal to avoid the Corps of Engineers floodwall constructed along Peters Road. The Belle Chasse side of the project will cross below the Naval Air Station to make a direct connection into LA Highway 23 for hurricane evacuation and a direct connection for lower Plaquemines Parish directly to the Westbank Expressway in Jefferson Parish. Initial construction will be a two-lane roadway and bridge. BKI developed conceptual plans of the future four-lane with twin span build out to determine right-of-way limits. Right-of-way maps were prepared for the buildout and all future right-of-way was acquired by Plaquemines Parish and transferred to DOTD. BKI used the Southeast Louisiana (SELA-EOH) Hydraulic Model to size the box culvert in the Murphy Canal beneath the new LA 1261 alignment and its connecting roadways. Sequencing of the 2062 linear feet of 10’ x 10’ four-barrel box culvert installations was critical.

Flow in the Murphy Canal must remain unimpeded during construction of the box culvert. The project called for widening the existing Murphy Canal to a width equal to the existing canal plus the width of two barrels. The first two barrels are installed while maintaining flow in the widened canal. The other two barrels are installed by allowing flow through the completed two barrels and the remaining open channel. The new fixed, high-level bridge consists of 20’ slab spans with curtain walls, AASHTO Type III and BT-72 girder spans for the approaches, with a 991’ three-span continuous plate girder main span over the Intracoastal Waterway. The new couplet between Peters Road and Engineers Road required two 20’ slab span bridges over the Barataria Canal. All bridges were designed in accordance with AASHTO LRFD.

**Project Relevance**

**Services Performed:** Bridge Design, Roadway Design, Hydraulic Design and Environmental

**Key Challenges:** Coordinated with the USACE, DNR, and USCG to build a consensus for a proposed high-level crossing over the GIWW near Belle Chasse, LA.

**Innovation and Best Practice:** Developed construction and design alternatives that allowed the existing channel flow capacity to be maintained during construction while converting canal to box culvert.

**Accomplishments:** Each phase was designed to operate independently until all phases were complete.



17. Firm Experience:

Identify the team’s project experience most relevant to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

<b>Firm Name</b>	Burk-Kleinpeter, Inc.		<b>Past Performance Evaluation Discipline(s)*</b>	road
<b>Project Name</b>	Linwood Ave. Reconstruction Phase IV		<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>	H.014411	<b>Owner’s Name</b>	City of Shreveport	
<b>Project location</b>	Shreveport, LA	<b>Owner’s Project Manager</b>	David Smith	
<b>Owner’s address, phone, email</b>	505 Travis Street, Suite 300, Shreveport, LA 71101, (318) 553-3228, david.smith@shreveportla.gov			
<b>Services commenced by this firm (mm/yy)</b>	05/22	<b>Total consultant contract cost (\$1,000’s)</b>	\$120	
<b>Services completed by this firm (mm/yy)</b>	09/24 (est)	<b>Cost of consultant services provided by this firm (\$1,000’s)</b>	\$58	

**Staff To Be used in this Proposal** • Rene’ A. Chopin, III, PE • Andrew R. Jensen, PE • Rebecca J. Chopin, PE • Renee Poole, PE • Garrick A. Rose, AICP

**Burk-Kleinpeter, Inc.** (BKI) was selected by the City of Shreveport to provide survey, design, and construction administration services for the reconstruction of Linwood Avenue between W. 84th Street and W. 70th Street, a four lane urban arterial about 1 mile in length. Under the Local Public Agency Program (LPA), in conjunction with LADOTD and the City of Shreveport, this street is to be reconstructed with rigid pavement with all surveying and engineering services completed in accordance with the Louisiana Standard Specifications for Roads and Bridges, Louisiana Department of Transportation & Development, 2016 Edition, and its design guidelines. The width of Linwood Avenue is to match the existing road, and the project team shall assess the condition and alignment of the storm drainage pipes and the inlets. Based on the evaluation, rehabilitation and realignment may be included in the design. The vertical profile of the road is to be kept the similar to existing. Improved pedestrian accessibility and crossings shall be included in the design. Technical Specifications and road design waivers/exceptions will be prepared as required by the team.

The tasks include, but are not limited to: project management, topographic survey, roadway design and rehabilitation, storm drainage pipe and inlet evaluation and design, pavement marking and joint layout, and construction administration of all design activities.

**Project Relevance**

**Services Performed:** Roadway Design, Project Management

**Key Challenges:** LPA Project to be in accordance with all LADOTD standards and directives.

**Innovation and Best Practice:** Corridor reconstruction design included improvements made for pedestrian safety.

**Accomplishments:** Successful collaboration between owner and consultant resulting in the project being delivered on time, within budget.



Firm name	NTB Associates, Inc.		Past Performance Evaluation Discipline(s)*	**Survey, Other (SUE), Right-of-Way
Project name	Jimmie Davis Bridge (LA 511) Design-Build		Firm responsibility (prime or sub?)	Sub
Project number	H.001779	Owner's name	LADOTD Baton Rouge/ James Construction/ Huval & Associates, Inc.	
Project location	Bossier & Caddo Parishes, LA		Owner's Project Manager	Mr. Aaron Dupont
Owner's address, phone, email	18484 E. Petroleum Drive, Baton Rouge, LA 70809 (225) 442-6362 adupont@prim.com			
Services commenced by this firm (mm/yy)	01/23	Total consultant contract cost (\$1,000's)	\$1,140	
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm (\$1,000's)	\$1,140	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) \* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. \*\*This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

NTBA is performing **static GPS control, topographic and property surveying services, title takeoffs, title research reports, ROW mapping, traffic control, utility coordination services, QL A, B, C, & D utility designating/locating** for the design-build project to replace the Jimmy Davis Bridge across the Red River. The scope of this project consists of constructing a new four lane structure carrying LA 511 across the Red River, repurposing the existing Jimmie Davis Bridge as a Linear Park to provide bicycle and pedestrian facilities, converting LA 511 (Jimmie Davis Hwy) into a four-lane, median-divided highway on the east side of bridge; as well as providing full access interchanges between LA 511 and Clyde Fant Memorial Parkway and Arthur Ray Teague Parkway. NTBA designed and implemented a Traffic Control Plan for the project's bridge closure which was completed during night shifts to ensure safety and avoid travel disruptions.



NTBA verified the **horizontal and vertical control** set by LADOTD during the original survey and verified the vertical control for both sides by running digital levels across the bridge, which was not performed in the original survey. For **property surveys, title take-offs** were attained for all properties adjacent to the route and a **property survey** submittal prepared with apparent ROW shown. **Title Reports** are also being prepared by our subconsultant for the known areas of taking. **Right-of-Way** maps will be prepared once the final alignment is established so the takings can be confirmed. NTBA is identifying all utilities in conflict with the construction and coordinating any required **utility adjustments** with the utility owner. NTBA is utilizing the Louisiana Department of Transportation Survey and Design guidelines as well as CI/ASCE Standard 38-02.



**Firm members involved who are in this 24-102:**

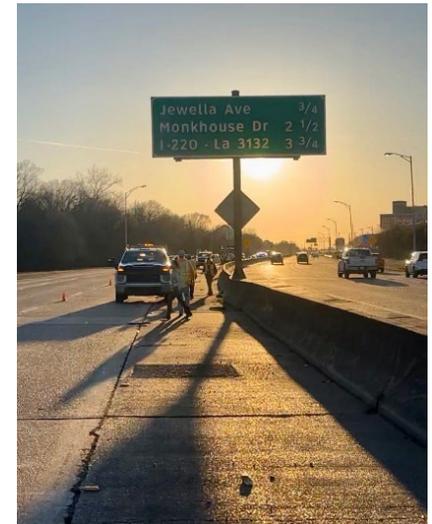
- P. Rossini      A. Schulze      W. Offer
- B. Bunch        G. Gilleon
- P. Staiano      T. Sitton



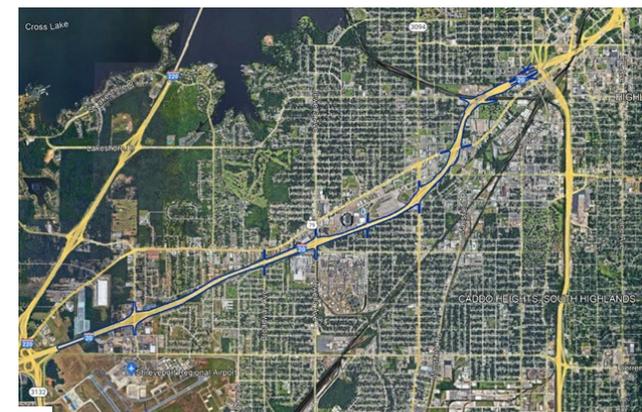
Firm name	<b>NTB Associates, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>**Survey &amp; Other (SUE)</b>
Project name	<b>I-20: Monkhouse to I-49, Route I-20</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>4400017713/ H.010468.5</b>	Owner's name	<b>LADOTD Baton Rouge</b>	
Project location	<b>Caddo Parish, LA</b>		Owner's Project Manager	<b>Mr. Barrett Smith, PLS</b>
Owner's address, phone, email	<b>1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1133 barrett.smith@la.gov</b>			
Services commenced by this firm (mm/yy)	<b>04/22</b>	Total consultant contract cost (\$1,000's)	<b>\$1,355</b>	
Services completed by this firm (mm/yy)	<b>04/23</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$1,355</b>	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) \* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. \*\*This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

NTBA performed **Static GPS Control, topographic surveying services utilizing RTK and conventional surveying and HDS 3D Terrestrial Laser Scanning, Traffic Control, and QL C & D subsurface utility investigation** for interstate rehabilitation. NTBA also prepared a **drainage map**. This project was one of the largest **topographic surveys** NTBA has ever been a part of. It consisted of 4.89 miles of interstate, 2.35 miles of side streets, and a drainage area of approximately 990 acres. **Surveys and utility investigations** were performed along I-20 beginning approximately 4,200 ft. southwest of the intersection of Monkhouse Dr. and I-20 and proceed in a northeasterly direction along I-20 ending at the westerly end of the I-20/I-49 interchange. Areas included Monkhouse Drive, Jewella Avenue, Hearne Avenue, Greenwood Road, Texas Avenue, and Lakeshore Drive.



NTBA managed our sub-consultant, E.S.P. Associates, P.A., for Mobile Laser Scanning Services of hard surfaces along the route. NTBA performed data extraction of mobile scan data for incorporation into Inroads and for Point Cloud delivery. LADOTD's project schedule had an allowable duration of 365 days, but NTBA completed in 359 days with one minor comment. This effort took 3,999 field crew hours, 3,448 CADD hours, and 2,250 PLS hours. There were over 70,000 points for the **topographic survey** and over 1,500 drainage structures surveyed for the **drainage map**. The areas included major thoroughfares, surface streets, railroad rights-of-way, and drainage canals. MicroStation files were the deliverable for the project. All services completed in accordance with the Location and Survey Manual and all currently accepted Location and Survey Automated procedures.



**Firm members involved who are in this 24-102:**

- |                   |                   |                 |
|-------------------|-------------------|-----------------|
| <b>P. Rossini</b> | <b>A. Schulze</b> | <b>W. Offer</b> |
| <b>B. Bunch</b>   | <b>G. Gillean</b> |                 |
| <b>P. Staiano</b> | <b>T. Sitton</b>  |                 |

Firm name	NTB Associates, Inc.		Past Performance Evaluation Discipline(s)*	**Survey
Project name	Winfield Road Extension, East/West (LA 3 to Airline Dive)		Firm responsibility (prime or sub?)	Sub
Project number	DEC 15-11-03	Owner's name	Bossier Parish Police Jury/ Denmon Engineering (now Volkert)	
Project location	Bossier Parish, LA		Owner's Project Manager	Mr. Randy Denmon, PE, PLS
Owner's address, phone, email	114 Venable Lane, Monroe, LA 71203 (318) 388-1422 randy.denmon@volkert.com			
Services commenced by this firm (mm/yy)	11/15	Total consultant contract cost (\$1,000's)	\$82.9	
Services completed by this firm (mm/yy)	05/17	Cost of consultant services provided by this firm (\$1,000's)	\$82.9	

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) \* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. \*\*This field cannot be left blank and N/A is not acceptable. The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

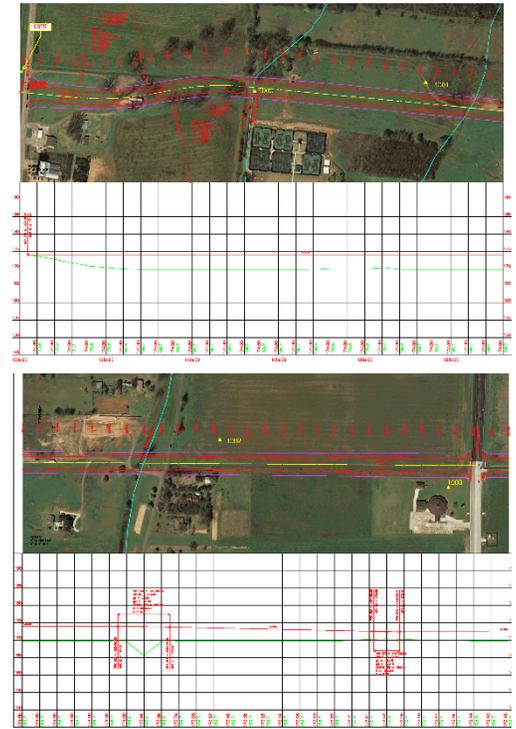
**This Bossier Parish Roadway Design Project was the first mile of the exact same route as advertised for this LADOTD advertisement.** It began at LA Hwy 3 (Benton Road) and went eastward 5,600 feet to a point just east of LA Hwy 3105 (Airline Road) Included in this survey was 1,000 feet of LA 3 and 1,000 feet of Airline Drive. The project was placed on hold in 2016. As a subcontractor to Denmon Engineering (now Volkert), NTBA completed all surveying tasks: **control surveys, topographic surveys, and property surveys.** NTBA also located **all utilities and produced a drainage map as well as a preliminary right-of-way map** for the Bossier Parish Policed Jury to acquire the right-of way from.

For **control surveys**, NTBA established horizontal and vertical control based on GPS observations tied to the Bossier Parish Control Monument network, densified control throughout the project, and ran digital levels through all points. For **topographic surveys**, NTBA performed a **topographic survey** 200 feet wide for the length of the route. A Digital Terrain Model (DTM) was produced from that survey in .DGN format. **All utilities were Quality Level D (QLD) located from existing records and a Louisiana One Call.** For **property surveys**, **title take-offs** were attained for all properties adjacent to the route. A search file was created for field crews to look for corners.

From that map, the **property survey** was produced, and a file with property lines was transmitted to Denmon. The **drainage map** produced by NTBA included all drainage structures within one half mile of the project. In addition to all structures, the **drainage map** depicted the ridge lines, flow arrows, drainage areas, buildings, roads, etc. A preliminary draft of a **right-of-way map** was submitted to the Parish, but the project was put on hold prior to its completion. All services completed in accordance with the Location and Survey Manual, and all currently accepted Location and Survey Automated procedures.

**Firm members involved who are in this 24-102:**

**P. Rossini      G. Gillean  
B. Bunch**



**17. Firm Experience:**

Identify the team’s project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	Dave Rambaran Geosciences, LLC		Past Performance Evaluation Discipline(s)*	Road and Bridge	
Project name	Downtown Runway & Taxiway Extension			Firm responsibility (prime or sub?)	Sub
Project number		Owner’s name	COS		
Project location	Shreveport, LA		Owner’s Project Manager	Stacy Cuba	
Owner’s address, phone, email					
Services commenced by this firm (mm/yy)	12/17	Total consultant contract cost (\$1,000’s)	250,000		
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000’s)	250,000		

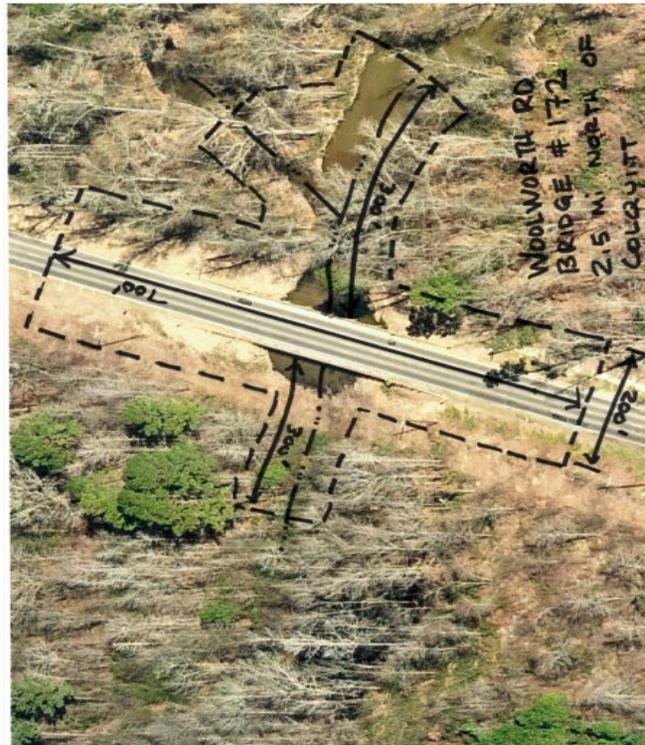
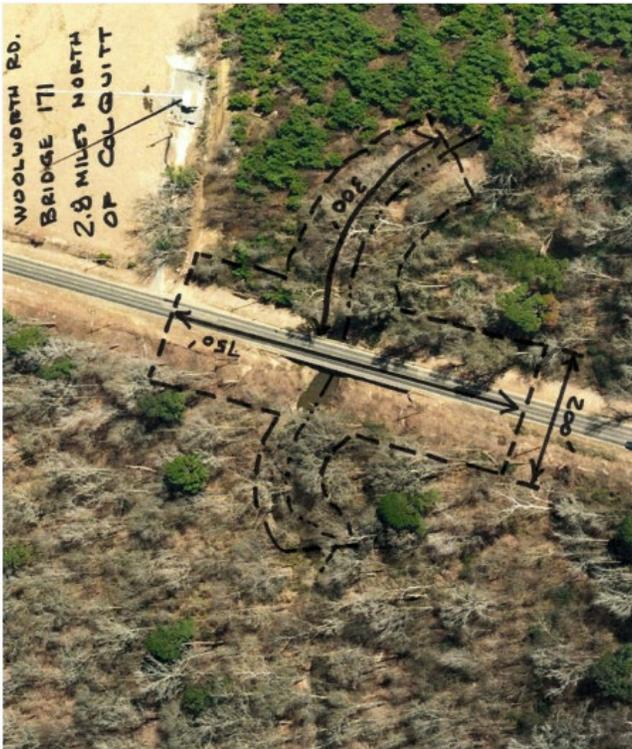
**Runway & Taxiway Shift & Extension 5-23 Shreveport DTA, Shreveport, LA:** Geotechnical borings with CBR logs, moisture profiles, and CBR profiles for the above referenced site. Our recommendations included pavement design and site grading considerations. Consolidation analysis and flooding impacts. Environmental impact of use of onsite materials and savings. Information was provided for FAARFIELD airport pavement design. QA Testing services. RPR inspection and monitoring. Mr. Rambaran served as the Senior Geotechnical Engineer for this project.



**17.Firm Experience:**

Firm name	Dave Rambaran Geosciences, LLC	Past Performance Evaluation Discipline(s)*	Road and Bridge
Project name	<b>Woolworth Road &amp; Bridge #s 171' 172, &amp; 173</b>		Firm responsibility (prime or sub?) Sub
Project number	Owner's name	Caddo Parish	
Project location	Caddo Parish	Owner's Project Manager	
Owner's address, phone, email			
Services commenced by this firm (mm/yy)	01/16	Total consultant contract cost (\$1,000's)	25,000
Services completed by this firm (mm/yy)	09/18	Cost of consultant services provided by this firm (\$1,000's)	25,000

**Bridge 171, 172 & 173 Woolworth Road Caddo Parish Road & Bridge Crossing, Shreveport, LA:** Three geotechnical investigations were performed for this project consisting of a new bridge and crossing and on-ramp access. The investigation included soil boring and laboratory testing, visual observation of the site and historical aerial search, and recommendations for the deep foundation with active and passive earth pressures, soil supported box culvert large opening bridge crossing and pavement recommendations. Mr. Rambaran served as the Senior Geotechnical Engineer for this project.



**17.Firm Experience:**

Firm name	Dave Rambaran Geosciences, LLC	Past Performance Evaluation Discipline(s)*	Road and Bridge
Project name	<b>Huntington Lift Station Road and Bridge-City of Shreveport</b>		Firm responsibility (prime or sub?) Sub
Project number	Owner's name		
Project location	Owner's Project Manager		
Owner's address, phone, email			
Services commenced by this firm (mm/yy)		Total consultant contract cost (\$1,000's)	65,000
Services completed by this firm (mm/yy)		Cost of consultant services provided by this firm (\$1,000's)	1M / MSA

**Huntington Lift Station Access Road & Bridge Crossing, Shreveport, LA:** A geotechnical investigation was performed for this project consisting of a new bridge and crossing and access road of 1,200 and 1,300 leaner feet. The investigation included soil boring and laboratory testing, visual observation of the site and historical aerial search, and recommendations for the deep foundation with active and passive earth pressures, and pavement recommendations. Mr. Rambaran served as the Senior Geotechnical Engineer for this project. QA Testing & Onsite observation during construction. Driven Pile program Load Testing and conformance monitoring.



**17. Firm Experience:**

Identify the team’s project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	KSA Engineers, Inc.		Past Performance Evaluation Discipline(s)*	Road
Project name	Interstate 49 (US 71 South to State Highway 2)		Firm responsibility (prime or sub?)	Prime
Project number	700-09-0142	Owner’s name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Caddo Parish, Louisiana		Owner’s Project Manager	Joe Umeozulu, P.E.
Owner’s address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804/225.379.1386/joemeozulu@dotdla.gov			
Services commenced by this firm (mm/yy)	06/2009	Total consultant contract cost (\$1,000’s)	\$757	
Services completed by this firm (mm/yy)	05/2012	Cost of consultant services provided by this firm (\$1,000’s)	\$606	

Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal.)

\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

KSA engineers developed preliminary and final plans for approximately 4-mile section of 4-lane, divided interstate with full control of access. This project is one of a series of sections designed to connect Interstate 49 in Louisiana with a high-volume north-south traffic corridor for the Mississippi River region. As this mega-project encompasses several design sections, the design team was required to coordinate design and survey data with those sections immediately adjacent.

The design project included ramps for two (2) interchanges, redesigns for two (2) cross streets, and one (1) additional overpass. Life cycle cost analysis. required alternative designs for both asphalt and concrete roadway sections.

Specialized design criteria were developed during the environmental assessment, requiring a more conservative approach for sight distance analysis. Beyond basic roadway design, other design services provided included geometric designs, hydraulic reports, temporary erosion control plans, opinions of probable construction costs, development of required right-of-way, construction sequencing, and temporary signage plans.



**17. Firm Experience (con't):**

Identify the team’s project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	KSA Engineers, Inc.		Past Performance Evaluation Discipline(s)*	Road and Bridge
Project name	Lookout Road Widening and Bridge Improvements		Firm responsibility (prime or sub?)	Prime
Project number		Owner’s name	City of Selma, Texas	
Project location	Selma, Texas		Owner’s Project Manager	Johnny Casias
Owner’s address, phone, email	9375 Corporate Drive, Selma, TX 78154/210.651.6661/jcasias@ci.selma.tx.us			
Services commenced by this firm (mm/yy)	07/2013	Total consultant contract cost (\$1,000’s)		\$1,417
Services completed by this firm (mm/yy)	04/2020	Cost of consultant services provided by this firm (\$1,000’s)		\$1,134

Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal.)

\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.



Lookout Road Widening and Bridge Improvements, Lookout Road is the primary growth corridor within the City of Selma, a suburb community of 9,000 residents northeast of San Antonio. Lookout often serves as a reliever for IH 35 congestion, connects to multiple single-family and multi-family developments, and attracts many Fortune 500 companies like Amazon and O’Reilly Automotive within the industrial parks along the east end of the corridor. With frequent flooding, limited sight distance at intersections, and a deteriorating two-lane road, the need to improve Lookout was clear. KSA worked with Selma leaders to plan and design the Lookout Road Improvements Project which includes over 8,000 linear feet of four-lane arterial asphalt and concrete pavement with paved shoulders, dedicated turn lanes at major intersection, a 400 linear feet bridge over Cibolo Creek, drainage improvements, modifications to an existing traffic signal, and a 10-foot-wide multi-use

sidewalk. Due to the significant topographic changes along the improved road, KSA’s engineers used a combination of underground storm sewer, drainage channels, curb and gutter, and retaining walls to design the most cost-effective solutions to existing drainage problems along Lookout’s right-of-way. KSA also coordinated with city staff and surrounding property owners to develop a detailed construction phasing and traffic control plan to minimize the impacts to adjacent residences, businesses, and the commuters that use Lookout Road daily. In addition to designing the Lookout Road improvements, KSA also provided the city comprehensive project-related services including topographic survey, environmental assessment, geotechnical investigation, hydraulic analysis of the bridge and drainage improvements, property and easement acquisition assistance, public involvement, and city hall display exhibits for the construction funding bond election.

**17. Firm Experience (con't):**

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	KSA Engineers, Inc.		Past Performance Evaluation Discipline(s)*	Road
Project name	US Highway 425 (Log Cabin-Arkansas State Line)		Firm responsibility (prime or sub?)	Prime
Project number	700-34-0101 (Eng.)	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Morehouse Parish		Owner's Project Manager	Jerome Lohman
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804/225.235.5264/Jerome.lohman@la.gov			
Services commenced by this firm (mm/yy)	02/2003	Total consultant contract cost (\$1,000's)		\$1,427
Services completed by this firm (mm/yy)	03/2008	Cost of consultant services provided by this firm (\$1,000's)		\$1,141

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

\* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

This project consisted of a four-lane rural divided highway. The majority of the roadway was a two-lane section which was constructed parallel to existing highway. Some areas required complete reconstruction of all four lanes. The project also included one (1) new girder span bridge.



**17. Firm Experience:**

Firm name	HDR Engineering, Inc.		Past Performance Evaluation Discipline(s)*	Bridge, Roadway
Project name	LA 577 Overpass Repair Over I-20 Phases 1 & 2		Firm responsibility (prime or sub?)	Prime
Project number	H.015472	Owner's name	State of Louisiana Department of Transportation & Development (LADOTD)	
Project location	Waverly, LA	Owner's Project Manager	Phillip Grasso	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802   225.379.1412   phillip.grasso@la.gov			
Services commenced by this firm (mm/yy)	11/22	Total consultant contract cost (\$1,000's)		\$241.4
Services completed by this firm (mm/yy)	07/23	Cost of consultant services provided by this firm (\$1,000's)		\$241.4

HDR was contacted by LADOTD to assist with an emergency site inspection and assess the condition of a pre-stressed, pre-cast concrete girder overpass bridge (built in the late 1960's) across I-20 that was struck by a dump truck. Work was authorized using HDR's Bridge Preservation IDIQ contract (Task Orders 1 and 2). The first two girders were damaged beyond repair with secondary damage to the middle girder and abutment cap.

HDR's Phase 1 design consisted of the development of plans, specifications, and cost estimate (PS&E) for the phased demolition of the west side of the damaged span in order to get a single lane of traffic back open on the eastern portion of the bridge. The remaining section is supported by three girders total (two undamaged and one partially damaged). A load rating analysis was completed as part of the demolition design as well as traffic control layout and signage for the temporary condition. HDR's Phase 2 design involved the split phased design of a replacement span. The existing girders were AASHTO Type 3 (interior) and 4 (exterior). In discussion with LADOTD, HDR decided to utilize AASHTO Type 3 girders for the replacement and added an additional girder due to the split phased construction. The existing substructure was modified to accommodate the new girder layout while the existing substructure was analyzed for the new loading configuration. Additional load rating analysis was developed for the interim and final conditions of the span. The guard rail was designed to match the old "post and beam" section that was prevalent during that period. Traffic control layout and signage for phased construction and the final condition. An additional task order will be issued for construction related engineering services.

**HDR Staff Involved:**

- Wesley Jacobs – Project Manager/Engineering Lead
- Jason Abendroth – Structural Engineer
- Sarah De Moya – Engineer of Record
- William Clementson – Structural Engineer
- Edwin Rydell – Roadway/Traffic Control Plan Lead



Firm name	HDR Engineering, Inc.	Past Performance Evaluation Discipline(s)*	Bridge, Roadway, Traffic
Project name	FM 528 Extension SH 6 to SH 35 Business	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	City of Alvin
Project location	Alvin, TX	Owner's Project Manager	Michelle Segovia
Owner's address, phone, email	1100 West Highway 6, Alvin, TX 77511   281.388.4351   <a href="mailto:msegovia@cityofalvin.com">msegovia@cityofalvin.com</a>		
Services commenced by this firm (mm/yy)	05/18	Total consultant contract cost (\$1,000's)	\$1,450
Services completed by this firm (mm/yy)	06/22	Cost of consultant services provided by this firm (\$1,000's)	\$1,450

HDR developed a geometric schematic of the project showing the project to be built in two phases. The ultimate build out will include two lanes in each direction (four lanes total) and a sidewalk along the south side of the road. The design of Phase 1 provided two lanes (one lane in each direction) and the sidewalk. Phase 2 is planned to be designed and constructed in the future.

HDR provided PS&E for the design of a new two-lane curbed roadway, a new grade separation (overpass) over the existing Burlington Northern Santa Fe (BNSF) railroad tracks, storm sewer, detention ponds, illumination, traffic control plans, signing and pavement marking, utilities, and SWPPP. HDR also prepared the traffic analysis report, geotechnical and drainage reports. HDR completed designs according to TxDOT design criteria along with the UPRR/BNSF railroad criteria for grade separation structures. HDR completed the planning, design and details for a 1,000-ft long bridge overpass crossing over the existing BNSF Railroad Tracks with Mechanically Stabilized Earth (MSE) retaining walls at each end of the bridge. HDR designed and detailed- sound walls between the road and adjacent residential neighborhoods, aesthetic treatments to bridge columns, embankments, fill slopes, drainage, safety lighting and new pavement. Additionally, HDR designed a new signalized intersection at SH 35B (Gordon Street) and modified signal timing at SH 6.

**HDR Staff Involved:**

Harini Arjun – Deputy Project Manager  
Edwin Rydell – QC Manager  
Sarah De Moya – Bridge Task Lead



Firm name	HDR Engineering, Inc.	Past Performance Evaluation Discipline(s)*	Roadway
Project name	Louetta Road from Stablewood Farms Drive to Little Cypress Creek	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Harris County Engineering Department
Project location	Harris County, TX	Owner's Project Manager	Mike Turner
Owner's address, phone, email	1001 Preston Ave, 7 <sup>th</sup> Floor   713.274.3687   Michael.turner@harriscountytexas.gov		
Services commenced by this firm (mm/yy)	08/17	Total consultant contract cost (\$1,000's)	346
Services completed by this firm (mm/yy)	12/21	Cost of consultant services provided by this firm (\$1,000's)	346

HDR performed the study phase and final design of Louetta Road, roadway, utility coordination/relocation and drainage on a new location. The project extends existing Louetta Road from Stablewood Farms Drive in Harris County, Precinct 3, over Little Cypress Creek. The existing ROW varies from 100 feet to 300 feet, with a 20-foot sanitary sewer easement along the north side of the ROW along with a landscape/open space easement along Stablewood Farms Subdivision.

HDR designed the roadway consisting of a four-lane boulevard section with a 32-foot grass median. At the Stablewood Farms Dr. intersection, HDR determined the sight distance requirements and developed corner clips for the County to obtain. The roadway design included a sidewalk along the south side of the roadway and a six-foot berm on the north side for future bike/equestrian trail crossing under Little Cypress Creek bridge. HDR coordinated the design with the adjacent project engineer and with the signal engineers.

HDR completed the drainage design which included storm sewer with pipe sizes from 24-inch through 66-inch RCP and tie-ins to the existing storm sewer system, proposed 3-10-foot by 10-foot box culverts, extension of existing detention pond within the 100-year and 500-year floodplain, permit application, and coordination. HDR also designed the mitigation due to the increase flows and the fill within the floodplain. The total detention storage required was 26.86 ac-ft. We increased the size of the existing detention facility to provide a total of 29.19 ac-ft of detention volume in the Little Cypress Creek floodway to satisfy the requirements of Harris County Environmental Enhancement Program.

HDR performed utility coordination and identified, analyzed and designed utility conflict adjustments. A 10-foot force main was relocated within the sanitary sewer easement outside the north ROW.

**HDR Staff Involved:**

Edwin Rydell – Project Manager

Harini Arjun – Deputy Project Manager



**17. Firm Experience:**

Identify the team’s project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

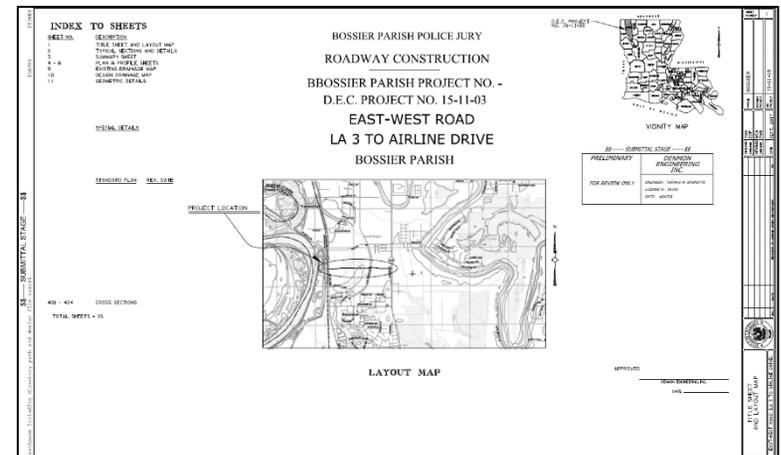
Firm name	<b>Volkert, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>Survey</b>
Project name	<b>Surveying and Engineering Services, Bossier Parish East\West (La. 3 To Airline Highway) Winfield Road Extension</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	n/a	Owner’s name	<b>Bossier Parish Police Jury</b>	
Project location	<b>Bossier Parish, LA</b>		Owner’s Project Manager	<b>Eric Hudson</b>
Owner’s address, phone, email	<b>P.O. Box 70, Benton, LA 71005 (ehudson@bossierparishla.gov)</b>			
Services commenced by this firm (mm/yy)	<b>12/15</b>	Total consultant contract cost (\$1,000’s)	<b>\$232.6</b>	
Services completed by this firm (mm/yy)	<b>09/17</b>	Cost of consultant services provided by this firm (\$1,000’s)	<b>\$232.6</b>	

Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal.)

The project shall consist of providing all necessary administration, planning, engineering, and land surveying required for developing the Project to construct a new roadway from Benton Road to Airline Drive along alignment selected by Environmental Study accomplished by Bossier Parish Police Jury. The services for this project were divided into seven (7) phases, which Volkert was responsible for, as follows:

- Phase I - Topographic Surveys & Drainage Map
- Phase II - ROW Surveys & Maps
- Phase III - Preliminary Plans sufficient to establish ROW
- Phase IV - Finalize Preliminary Plans
- Phase V - Final Plans
- Phase VI - Bid & Award
- Phase VII - Construction Supervision

Work included Topographic Surveys, ROW Surveys & Maps and Preliminary Plans sufficient to set ROW for a new roadway from Benton Road to Airline Drive following the alignment established in the East/West Alignment Study. This new roadway is approximately 5,300 feet in length. This work constitutes a portion of the current advertisement for Bossier Congestion Relief Winfield Road.



**17.Firm Experience:**

Firm name	<b>Volkert, Inc.</b>		Past Performance Evaluation Discipline(s)*	<b>CEI/OV</b>
Project name	<b>North-South Corridor</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	N/A	Owner's name	<b>Bossier Parish Police Jury</b>	
Project location	<b>Bossier Parish, LA</b>		Owner's Project Manager	<b>Eric Hudson</b>
Owner's address, phone, email	<b>P.O. Box 70, Benton, LA 71005 (ehudson@bossierparishla.gov)</b>			
Services commenced by this firm (mm/yy)	<b>09/23</b>	Total consultant contract cost (\$1,000's)		<b>\$355,000</b>
Services completed by this firm (mm/yy)	<b>09/24</b>	Cost of consultant services provided by this firm (\$1,000's)		<b>\$355,000</b>

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

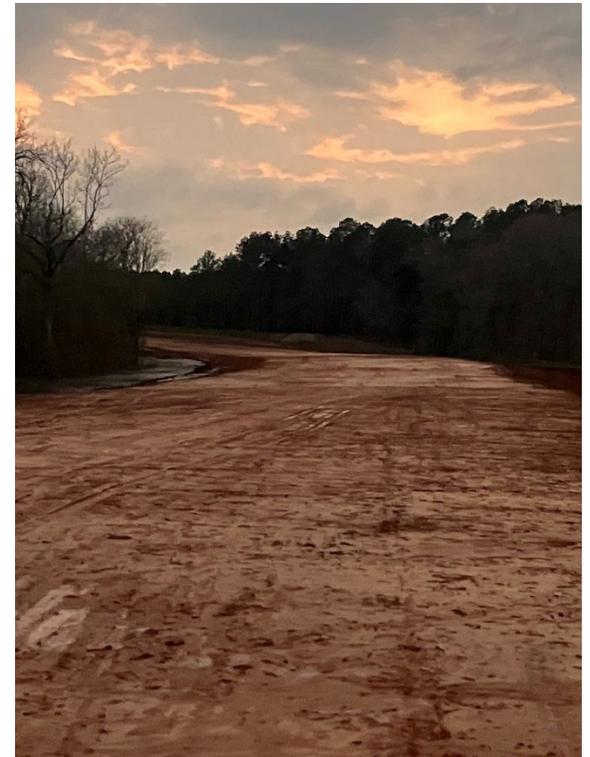
The project shall consist of providing all necessary administration, planning, engineering, and land surveying required for developing the Project to construct a new roadway from Benton Road to Airline Drive along alignment selected by Environmental Study accomplished by Bossier Parish Police Jury. The services for this project were divided into seven (7) phases, which Volkert was responsible for, as follows:

- Phase I - Topographic Surveys & Drainage Map
- Phase II - ROW Surveys & Maps
- Phase III - Preliminary Plans sufficient to establish ROW
- Phase IV - Finalize Preliminary Plans
- Phase V - Final Plans
- Phase VI - Bid & Award
- Phase VII - Construction Supervision

Volkert was responsible for the construction management of subconsultants and inspectors and testing laboratories for the construction of the North/South corridor. This project was for the construction of a \$21 M road project.

Volkert was responsible for the successful construction of this project by overseeing the contractor, inspectors, and testing services for all key aspects of this project.

**Project Team Personnel:** Chris Patrick



**17.Firm Experience:**

Firm name	<b>Volkert, Inc.</b>	Past Performance Evaluation Discipline(s)*	<b>Survey</b>
Project name	<b>Sligo Rd. Extension Imp.</b>	Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	N/A	Owner's name	<b>Bossier Parish Police Jury</b>
Project location	<b>Bossier Parish, LA</b>	Owner's Project Manager	<b>Eric Hudson</b>
Owner's address, phone, email	<b>P.O. Box 70, Benton, LA 71005 (ehudson@bossierparishla.gov)</b>		
Services commenced by this firm (mm/yy)	<b>07/23</b>	Total consultant contract cost (\$1,000's)	<b>\$159,397</b>
Services completed by this firm (mm/yy)	<b>N/A</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$159,397</b>

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

Volkert has been involved in several projects for the Sligo Road Extension. Currently under contract is Phase II which is from Sligo Road to HWY 527 and Phase III Hwy 527 to Hwy 154. Services include Surveying, as needed, Alignment Studies, Environmental Analysis and Permitting,

Based on existing GIS data and Property Ownership maps, Volkert identified a minimum of two preliminary alignments for the extension of Arthur Ray Teague Parkway south from Sligo Road to Hwy 527. Volkert also developed typical sections for both alignments. All work was in accordance with LADOTD design procedures. Traffic Study was completed and submitted in June of 2023 and recommendations included:

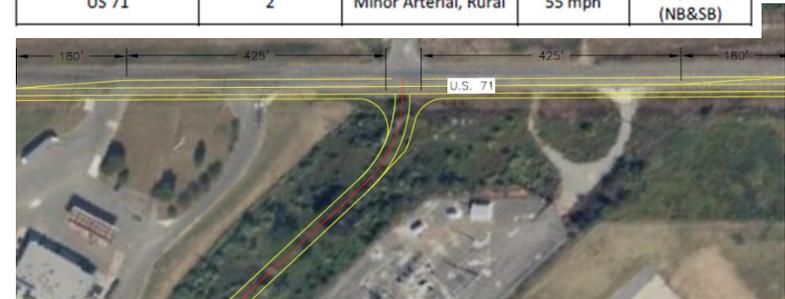
- Southbound Left turn Lane at Arthur Ray Teague Pkwy at Curtis Sligo Rd
  - Deceleration Length = 505'
  - Storage Length = 100' minimum
  - Taper length = 180'
  - Deceleration Length = 505'
  - Storage Length = 100' minimum
- Northbound Right turn Lane at US 71 at Caplis Sligo Rd
  - Taper length = 180'
  - Deceleration Length = 505'
  - Storage Length = 100' minimum
- Southbound Left turn Lane at US 71 at Caplis Sligo Rd
  - Deceleration Length = 505'
  - Storage Length = 100' minimum
- Northbound Left turn Lane at US 71 at Caplis Sligo Rd
  - Taper length = 180'
  - Deceleration Length = 505'
  - Storage Length = 100' minimum
- Northbound Left turn Lane at US 71 at Mercer Rd/new connection
  - Taper length = 180'
  - Deceleration Length = 505'
  - Storage Length = 100' minimum

Access management should be considered for the southern driveway of the existing Exxon gas station. This driveway should be relocated to the new connection on Caplis Sligo Rd to Arthur Ray Teague Pkwy rather than directly accessing US 71. This change would provide the gas station with direct access to the new roadway while removing conflict points along US 71. Once the two alignments have been approved a Detailed Environmental Analysis of a 500' corridor centered on the alternate routes will be performed. Detailed Environmental Analysis will include a detailed wetland delineation and USACE Jurisdiction Determination of Wetlands, cultural resource assessment, and wildlife assessment. Detailed Environmental Analysis will only be performed on the Alternatives from Sligo Road to HWY 527.

Upon completion of the environmental assessment, Volkert will perform preliminary line and grade engineering and quantity calculations to produce cost estimates for both alternatives.

**Project Team Personnel:** Chris Patrick, Ashley Beckendorf, Jonathan Gambino

Route	Number of Lanes (Bi-directional)	Functional Classification	Posted Speed Limit	ADT (veh/day)
Arthur Ray Teague Pkwy	4	Minor Arterial, Urban	45 mph	3,249 (SB)
Curtis Sligo Rd	4	Minor Arterial, Urban	55 mph	3,166 (EB)
US 71	2	Minor Arterial, Rural	55 mph	7,480 (NB&SB)



## 18. Approach and Methodology:

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated.

### **PROJECT BACKGROUND**

Rural Bossier Parish has seen significant growth and development over the past two decades and the rapid growth continues. As early as July 2003, the Winfield Road Extension, East West Corridor, was identified in the Caddo – Bossier Transportation Plan Update 2001 – 2025. The project is also identified in the February 2004, Bossier Parish 2004 - 2015 Transportation Plan (Plan). The project, consisting of a new, two-lane facility with right-of-way clearance for future widening to a four lane, divided highway facility on a new location between Louisiana Highway 3 (Benton Road), the western terminus, and Winfield Road at Bellevue Road, the eastern terminus in Bossier Parish, Louisiana.

The project is intended to improve vehicular mobility and safety by providing a new east-west roadway within the central portion of Bossier Parish. The project scope of work includes preparing plans, specifications, and design documentation for a new two-lane roadway from Benton Road (LA 3) to the intersection of Bellevue and Winfield Road. The design of the project will be in accordance with the Selected Alignment (3R) shown in the approved 2010 East West Corridor Winfield Road Extension Environmental Assessment (EA) and Finding of No Significant Impact (FONSI). The roadway, an off-system route, will consist of two (2) 12ft lanes with 8ft shoulders with right-of-way clearance sufficient for future widening to a four (4) lane divided highway. In addition to the roadway design, five (5) bridges will be constructed along the route. For the EA/FONSI document, the term bridge meant bridge structures and box culverts. This is further defined and clarified on Page 23 of DOTD Advertisement to "There are two (2) proposed bridges within the limits of the project, 1 cast-in-place slab span and 1 precast prestressed (LG type) girder bridge."

We understand the new roadway will traverse several residential neighborhoods and the new roadway facilities will have safety and pedestrian amenities to keep all pedestrians – especially children and retirees– safe. Traffic access is extremely important for residents and businesses. Access at Bellvue Rd. must be maintained throughout the project to avoid a potential 25-mile detour.

### **PROJECT TEAM**

BKI will serve as the prime consultant and provide project management, road and bridge design, and ROW and environmental services. BKI has a proven track record preparing roadway and bridge plans, specifications, and design. Rounding out the BKI Team are NTB Associates (NTBA) for survey, Dr. Rambaran Geosciences (Dr. Geo) for geotechnical, HDR and KSA Engineers for roadway and bridge design support, and Volkert for QA/QC. The BKI Team has allocated 10 percent of this project to DBE firm Dr. Geo to comply with the DOTD DBE requirements.

For this project, BKI carefully selected firms with the professional expertise and local knowledge required to fulfill DOTD's requirements and successfully complete the project. For the title research and title updates, Mona Nosari has a proven track record of title research and property assessments. Additional title updates are likely and anticipated due to the significant residential and commercial growth in and around the corridor.

The geotechnical investigations and design tasks for this project will be undertaken by Dave Rambaran, Phd who has performed numerous geotechnical investigations in Caddo and Bossier Parishes for DOTD and the BPPJ. The firm provides environmental and geotechnical engineering services, as well as construction quality control, and materials testing and has worked in the Ark-La-Tex for 17 years including several projects in Bossier Parish. The project corridor is in an area of hills and floodplains associated with the Red River and Dave Rambaran's experience with the conditions is invaluable. Dr. Geo will perform geotechnical investigations along the corridor and 5 bridges/culverts to inform the roadway and bridge design.

### **KICKOFF MEETING**

Upon receiving Notice to Proceed (NTP), the BKI Team will hold a pre-design kickoff meeting to discuss project scope and major discussion points. This meeting will consist of members of BKI's team, along with representatives from LADOTD and any agency or local stakeholders.

### **TOPOGRAPHIC SURVEY**

The surveying services and title work portions of the project will be conducted by NTBA and BKI. These interconnected tasks will include the topographic survey, property survey, drainage map, and right-of-way maps surveyed by NTBA with supporting title research and title updates performed by Mona Nasari and Garrick Rose. The team will begin immediately to identify property owners and work to secure right of entry (ROE).

NTBA has a strong commitment to quality service and client satisfaction as demonstrated in all our current and previous projects, several of which have been with the Bossier Parish Police Jury (BPPJ). NTBA performed control, topographic, and property surveys as well as located all utilities, developed a drainage map, and produced preliminary right-of-way maps for the Winfield Road Extension, East/West (LA 3 to Airline Drive) for the BPPJ in 2016 & 2017 which is Phase 1 of this project allowing us to start the project with previous knowledge of the first portion of the project. NTBA will be able to begin field work on the project immediately upon Notice to Proceed.

NTBA will review information previously collected or produced to determine what can be utilized for this project. NTBA will utilize the existing Survey Control Network established during our work on the Winfield Road Extension, East/West (LA 3 to Airline Drive) completed in 2017. NTBA will run digital levels through the individual site's control points, both primary and secondary, to verify that the vertical positions and accuracies as well as the horizontal locations are consistent with the work that was done in 2017. Any control points that are not within allowable tolerances will be reset and all new control established per industry and LaDOTD standards. Our previous experience on the above-mentioned BPPJ project will allow us to greatly reduce the amount of time spent establishing project control and allow us to proceed with the topographic and property surveying much quicker than our competitors, within approximately 30 days of the NTP.

While the control is being established and verified, we will update the title takeoffs that were previously done as well as acquire new title takeoffs of the areas east of Airline Drive so that work on the property survey can begin as soon as the control network is established. Property surveying will begin at Benton Road and proceed east since property boundaries were already established in 2017. NTBA anticipates approximately 40 parcels with the majority being rural tracts over 5 acres. Simultaneously, topographic surveying data collection plans will be developed based on the previous information and the remaining portion east of Airline Drive. Conventional surveys, Static and RTK GPS, and 3D LiDAR Terrestrial Scanning will be used on this project. NTBA will also reevaluate the previously obtained utility information and begin to gather updated and new information from the utility owners. If determined necessary and agreed to by the client, NTBA proposes to perform Subsurface Utility Engineering (SUE) services for this project providing the BPPJ with a more comprehensive look at what utility conflicts may exist and to help better evaluate any route alternatives. NTBA's utility designating group is cross-trained with our surveying group allowing us to provide complete turn-key services thereby eliminating the hassle with coordination between multiple consultants. In most cases our utility crew will also survey the utilities, reducing the wait time for data delivery. Our crews will be working on the topographic and property surveying services simultaneously with the designating services allowing us to complete the preliminary topographic and property surveying services within 150 days of the NTP.

As mentioned in the cover letter, there has been significant growth and construction in the immediate area of the proposed corridor that will impact drainage since the original survey. The drainage map will inform final design in order that drainage structures are appropriately sized and additional floodwater storage created to ensure there is no adverse floodplain and floodway impacts and that floodplain encroachment does not increase the risk of flooding to adjacent properties. Drainage Map production will begin by utilizing the data obtained from the previous project to develop a plan to obtain the new data as well as update the existing data. NTBA will generate the drainage map limits by overlaying the preliminary project design limits onto an aerial/topographic map with the previously delineated areas. All drainage structures within the design limits will be surveyed for location, type/size, and inverts obtained as

part of the normal topographic survey. Drainage structures that fall outside the design limits but within 300 feet will be located for size/type and invert by a crew assigned to drainage structures only. The drainage structures that fall outside the 300-foot buffer but inside the drainage area limits will be surveyed for type & location only. Structure sheets are completed for each structure with a unique identifier to record type of structure, size of pipes and structure itself, inverts as a depth, and a diagram of the pipe layout within the structure. These sheets are used by office personnel to verify the data provided from the survey and to resolve any discrepancies. Once the field work is complete and the data reviewed, it is incorporated into the drainage map to assist in developing ridge lines and drainage areas. This will also be provided within 150 days of the NTP. For a project of this size, NTBA will break the project up into 2-3 sections with each crew having its' own section to complete. NTBA will assign crews familiar with the previous project to Phase 1 and assign the other sections to the remaining crews. Each crew is assigned its own point range in which to store shots and provided clear lines of separation so that overlap doesn't occur. Data Collectors are downloaded every night and the office processes data daily for a cursory check of the line work, gaps, and/or overlaps by the crews in each day's work so that issues will be addressed immediately.

Once the final roadway alignment is established, NTBA will begin to obtain title reports for the affected properties for inclusion in the ROW maps. NTBA will utilize the previously created preliminary right-of-way (ROW) maps for the portion from Benton Road to Airline Drive to begin the Base ROW maps for that portion as well as create the new sheets for the portion from Airline Drive to east of Swan Lake Road. NTBA anticipates approximately 35 plan sheets and 3 residual sheets, as per the scope of work, with 10 of those being created previously. This will be done within 90 days of authorization. Final ROW maps will be produced within 45 days of authorization to proceed. All the ROW mapping, title takeoffs, title reports, and property surveying will be in accordance with LaDOTD standards.

With our previous work on the Winfield Road Extension, East/West (LA 3 to Airline Drive) for the BPPJ in 2016, we can begin work immediately and assign the specific staff and resources to complete the tasks under this contract. We are very aware of the challenges that will be faced and what will need to be done to complete this project on time and on budget. With our experience with the previous project, the first-hand knowledge of several employees who live in the vicinity of the project, and with a leadership staff having LaDOTD Surveys experience of well over 100 years, NTBA can provide a product that will be practical and functional for the Bossier Parish Police Jury while being aware of the pitfalls and challenges with working in a congested environment and minimizing disruption to the public.

#### **TITLE WORK**

Mona Nosari (BKI) specializes in title research in Louisiana and has lengthy previous DOTD experience and is recognized for her work. The "Title Research Report" will contain the ownership of the approximate forty (40) current property owner(s) with addresses, acquisition data, assessment and tax information, description of the property, conveyances of full ownership, conveyances of other rights (servitudes, leases, restrictions, etc.) existing right-of-way, recorded plats, and copy of the last acquisition as recorded by the Clerk

of Court of Bossier Parish. The report will also provide Title Research Reports covering properties impacted by the project.

### **PROPERTY SURVEY**

NTBA will conduct all work required for the establishment of a Base right-of-way Map. The property survey work will include all investigations, studies, and field property surveys required for the preparation of the Base right-of-way Map. Property surveys will be conducted for each required parcel. NTB will coordinate and stay in constant contact with the Location and Survey Administrator providing all required data in all the necessary formats.

### **TITLE UPDATES**

This area of Bossier Parish is growing rapidly with new retail and residential housing under construction and large, undeveloped parcels listed for sale. Public comments during the FONSI and EA included references to future subdivisions and development. In the event of any subdivisions or changes in property ownership, Mona Nosari will provide updates of the originally acquired Title Research Reports, if the Reports are more than six months old. These Updates shall be used in the preparation of the final right-of-way maps and also by the DOTD's Real Estate Section in acquiring title to the property required for the construction project.

### **RIGHT-OF-WAY/MAPS**

As stated in the Topographical Survey section, NTBA will prepare a right of way map that will consist of one (1) title sheet, approximately thirty-five (35) plan sheets at a scale of 1"=50', and approximately three (3) residual sheets at an acceptable scale to utilize the limits of those sheets.

### **TITLE TAKE-OFF**

BKI will prepare a Title Take-Off Report, defined as a part of the deed of ownership of the current property owner, and all survey documents, (plats, maps, etc.) associated with the current ownership deed. One take-off shall be obtained for each parcel and a copy of each take-off shall be furnished to the DOTD's Location and Survey Section with the submittal of the Base right-of-way Map.

### **GEOTECHNICAL INVESTIGATION AND DESIGN SERVICES**

Dr. Dave Rambaran will lead the geotechnical portion of this project and conduct geotechnical investigation services and foundation design. The structures or sites are referred to as bridge sites, regardless of whether the final design includes a bridge or box culvert. There are two (2) proposed bridges within the limits of the project, 1 cast-in-place slab span and 1 precast prestressed (LG type) girder bridge.

### **GEOTECHNICAL INVESTIGATION**

Dave Rambaran Geosciences, LLC (Dr. Geo) has conducted various geotechnical studies in and around the study area, within Bossier Parish, and in northwest Louisiana. Dr. Geo will perform a geotechnical investigation consisting of soil borings, laboratory testing, optional cone penetrometer test (CPT) soundings, soil classification, site characterization, and soil boring logs and will adhere to FHWA's Geotechnical Engineering Circular No. 5 (GEC 5) for best practices. Prior to beginning the field work associated with the geotechnical investigation, Dr. Geo will submit a site layout with proposed boring/CPT locations for review

BURK-KLEINPETER, INC.

and approval.

The field investigations will consist of traditional soil borings with laboratory testing, or a combination of that along with CPT soundings (ASTM D3441, ASTM D5778). At least one soil boring shall be made at each bridge site. Sample soil borings shall be made using wet/mud rotary methods below the water table, with solid-stem auguring (ASTM D1452) permissible above the water table. Upon completion, boreholes and CPT soundings shall be backfilled in accordance with all local, State, and Federal regulations. Sample storage and transport will adhere to ASTM D4220 for sample transportation and field logs for soil borings will be logged in the field using the visual-manual method for classification (ASTM D2488). All laboratory testing shall conform to applicable ASTM and AASHTO test designations.

For bridge borings, the BKI Team will use the field and laboratory data to classify the soils according to the Unified Soil Classification System (USCS) (ASTM D2487). The results shall be presented on signed and sealed soil boring logs adhering to the standard DOTD boring log format. In addition to the USCS classification, the soil descriptions shall include soil consistency/strength, color, and other details or inclusions such as seams, nodules, organics, etc.

### **GEOTECHNICAL ENGINEERING DESIGN**

The BKI Team will use the geotechnical design elements (below) during roadway and bridge design. The design elements include:

- Driven Pile Design
- Drilled Shaft Design
- Bridge Foundation Load Test Program
- Slope Stability
- Embankment Settlement
- Earth Retaining Structures (ERS)
- DOTD developed "MSEW Design Guide, G.E.D.G. No. 8," latest edition may be used as a reference. Only DOTD approved wall systems will be allowed. Minimum embedment requirements and backfill material requirements must be included in the plans.

### **GEOTECHNICAL DATA REPORT**

Dr. Geo will provide a final Geotechnical Data Report (GDR) detailing the results of the subsurface investigation including a Geotechnical Interpretation Report, Geotechnical Data, and Soil Boring Logs. The geotechnical report will inform the roadway and bridge design.

### **PRELIMINARY ROADWAY AND BRIDGE DESIGN**

BKI will prepare design criteria for DOTD approval prior to proceeding with the design. BKI will consider all posted DOTD design manuals, policies, memoranda part of the design criteria. We will also utilize FHWA, AASHTO, and other federal guidelines. BKI will prepare the design report and typical sections taking special care to meet context sensitive challenges. We will make every effort to adhere to the DOTD Complete Streets policy with a focus on pedestrian and bicycle accessibility and safety through the proposed corridor and at the project termini. We will develop and refine the project geometry to minimize impacts to the surrounding neighborhoods and businesses being mindful that we are to provide enough right-of-way for the roadway to expand in the

future. Once the typical section and alignments are established, we will take special care and use innovative solutions to manage stormwater through and around the project to ensure there are no negative impacts to the watershed, which is in a flood prone area. We will use our extensive experience (and expertise) in rural and urban hydraulics and hydrology methods and criteria to optimize the flow of water through existing and proposed drainage features. We will use a combination of surface and subsurface drainage solutions to optimize both the performance and cost. We will analyze the various stream crossings in HEC-RAS to provide all key design metrics for unconstrained, existing, and proposed conditions. These findings include, but are not limited to, peak discharge, design water surface elevation, average flow velocity, flow area, area of opening, backwater, and scour. The hydraulics and hydrology findings will be compiled into a clear and informative report and will be used in the road and bridge design to ensure the best structure size and type are utilized to meet the project goals for stormwater management. BKI will provide suggested sequence of construction plans for the project with a special focus on the intersection termini at either end of the project. We understand that there are no practical east-west detours available, so we will carefully design traffic maintenance during construction to minimize impact to the existing traffic patterns.

The preliminary roadway plans during roadway design will include:

Title Sheet	Temporary Erosion control
Typical Section and Details	Existing Drainage Area Map
Embankment Widening Detail	Design Drainage Map
1"=50' Plan/Profile Sheets	Geometric Details
Misc. Details & General Notes	Suggested Sequence of Construction
Ref. Points & Benchmark Elevation	Right-of-Way Maps

For the bridge design, the following criteria or elements include:

- safe and aesthetically pleasant structures for the traveling public.
- functionality, durability, corrosion protection, ease of inspection and maintenance.
- designed for two (2) travel lanes with the required shoulders. We will consider including separated pedestrian facilities.
- New Structures shall be designed with the latest AASHTO LRFD Bridge Design
- Specifications, LADOTD Bridge Design Manuals and BDTMs.
- All guardrails shall meet the current LADOTD bridge standards.
- The hydraulic analysis for the bridges over stream crossing shall be included.

Preliminary bridge design, and plans, will be in accordance with the latest edition of the, LADOTD Bridge Design and Evaluation Manual, AASHTO Manual for Bridge Evaluation, LADOTD Policies and Guidelines for Bridge Rating and Evaluation, and Bridge Design Technical Memoranda. BKI will identify any special provisions and non-standard (NS/TS) pay items and prepare construction cost estimate.

## FINAL ROADWAY AND BRIDGE DESIGN

Upon direction from DOTD, BKI will prepare the Final Plans for the project including:

Final Road & Bridge Plans	Construction Cost Estimates
Calculations	Final Road & Bridge Quantities
As-Designed Rating	Special Provisions (if required)

This will include the structural design, calculations, and as- designed bridge ratings for all structures. The final plan drawings will be submitted with a bound copy of all design computations and reports to the DOTD.

## QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC)

Throughout every phase of this project, Volkert's Ashley Beckendorf, PE and Randy Denmon, PE, PLS will perform a QA/ QC review of each submittal in accordance with the QA/QC program included in this proposal.

## ENVIRONMENTAL CONSIDERATIONS

The East West Corridor Winfield Road Extension Environmental Assessment (EA) resulted in a Finding of No Significant Impact (FONSI) for the project with environmental commitments and permitting obligations. These environmental considerations require action prior to final design and construction. Under a supplemental agreement, unless agreed to during negotiations, the BKI Team will secure agreements and obtain environmental permits for commitments made in the EA/ FONSI.

Project Schedule Outline and Key Milestones
<b>TOPOGRAPHICAL SURVEY</b>
Right-of-Entry, Base R/W Map, Drainage Map, Title Research Reports/ Updates, and Title Take-Off report
Property Survey Data - 150 Days from Notice To Proceed (NTP)
60% Base Right of Way Map* 90 Days after authorization to proceed with Base Maps
Final Right of Way Map - 45 Days after authorization to proceed with Final Maps
<b>GEO TECHNICAL INVESTIGATION</b>
Field Investigation – Bridge Borings, Shallow Subgrade Soil Survey
Laboratory Testing; Site Characterization; Boring Logs; Foundation Desing; Load Test Program
Slope Stability; Embankment Settlement; Earth Retaining Structures (ERS)
Geotechnical Investigation Plan; Data Report; Interpretation Report; Data; Soil Boring Logs
<b>ROADWAY AND BRIDGE DESIGN</b>
<b>Preliminary Plan Development</b>
Design Criteria, 30%, 60%, 90%, 100% Preliminary Plan Submittals
Plan-in-Hand Meeting, Joint Plan Review Meeting
<b>Environmental Clearance / Agreement / Permitting</b>
<b>Final Plan Development</b>
30%, 60%, 95%, 100% Final Plans Submittals
Special Provisions and NS Pay Items; Construction Cost Estimate at 30% FP
Final Plan Review Meeting, Constructability-Biddability Review at 95% FP
Prepare LRFR as-designed bridge rating
Design Calculations; As-Designed Bridge Rating Reports; QC/QA Certification
Note: Tasks to be completed sequentially

19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

Firm(s)	Past Performance Evaluation Discipline(s)*	State project number	Project name	Remaining unpaid Balance**
Burk-Kleinpeter, Inc.	Road, Bridge, Other (Lighting)	H.002861	Causeway Boulevard Earhart Expressway Interchange Routes LA 3046 & 3139 - Jefferson Parish, LA	\$419,954
Burk-Kleinpeter, Inc.	Other (Lighting)	H.010973	Veterans Blvd. Lighting (Airport - Loyola)- Jefferson Parish, LA	\$0
Burk-Kleinpeter, Inc.	Road, Bridge, Planning, Other (Rail Road)	H.011133	LA 1 Railroad Bridge at Dow Route LA 1 -West Baton Rouge Parish, LA	\$0
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013952	Jesse B Road Rural Bridge Replacement - St. Landry Parish, LA	\$0
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013955	LA 961 Rural Bridge Replacement - East Feliciana Parish, LA	\$25
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013956	Beamow Road Rural Bridge Replacement - Pointe Coupee Parish, LA	\$585
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013957	Local Road Rural Bridge Replacement - West Feliciana Parish, LA	\$199
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013958	Carpenters Road Rural Bridge Replacement - Allen Parish, LA	\$0

(Add rows as needed)

DO NOT SUM

\* The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

\*\* Round to the nearest dollar. Do not round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

Firm(s)	Past Performance Evaluation Discipline(s)*	State project number	Project name	Remaining unpaid Balance**
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013963	LA 384 Rural Bridge Replacement - Cameron Parish, LA	\$53
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013966	LA 321 Rural Bridge Replacement - St. Martin Parish, LA	\$313
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013968	LA 404 Rural Bridge Replacement - Iberville, LA	\$978
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013970	LA 717: Klondike Canal and Bayou Bridges Rural Bridges Replacement Project - Cameron Parish, LA	\$955
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013976	LA 376 Bayou Bridges Rural Bridges Replacement Project - Evangeline Parish, LA	\$107
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013982	LA 10 Spur, LA 1042: Bridges near Greensburg Rural Bridges Replacement Project - St. Helena Parish, LA	\$7,023
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013984	LA 16: Bridges (Isabel to Sun) Rural Bridges Replacement Project - St. Tammany and Washington Parishes, LA	\$3,295
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013989	Greybow Road over Palmetto Creek Rural Bridges Replacement Project - Beauregard Parish, LA	\$218
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013996	LA 1074, LA 1075: bridges near Rio Rural Bridges Replacement Project - Washington Parish, LA	\$6,975
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.013997	Local Road over Borrow Pit (Blind River Boat Launch) Rural Bridges Replacement Project - St. James Parish, LA	\$0
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.014242	Rural Bridge Replacement Initiative H.014242 - LA 124 - Winn Parish, LA	\$82,138
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.014243	Rural Bridge Replacement Initiative H.014243 - LA 472 - Grant Parish, LA	\$36,286
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.014245	Rural Bridge Replacement Initiative H.014245 - LA 119 - Natchitoches Parish, LA	\$107,605
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.014246	Rural Bridge Replacement Initiative H.014246 - LA 1199 - Rapides Parish, LA	\$45,528
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.014247	Rural Bridge Replacement Initiative H.014247 - LA 399 - Vernon Parish, LA	\$135,729
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.014248	Rural Bridge Replacement Initiative H.014248 - LA 124 - Catahoula Parish, LA	\$53,757
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.014249	Rural Bridge Replacement Initiative H.014249 - LA 126 - Caldwell Parish, LA	\$716
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.014250	Rural Bridge Replacement Initiative H.014250 - LA 577 - Franklin Parish, LA	\$1,137

Firm(s)	Past Performance Evaluation Discipline(s)*	State project number	Project name	Remaining unpaid Balance**
Burk-Kleinpeter, Inc.	Road, Bridge, Environmental	H.014268	Rural Bridge Replacement Initiative H.014268 - LA 4 - Jackson & Caldwell Parishes, LA	\$182,680
NTB Associates, Inc.	Survey	4400019338 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Sigma)	\$0
NTB Associates, Inc.	Right-of-Way	4400019338 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Sigma)	\$109,864
NTB Associates, Inc.	Survey	4400019337 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI)	\$0
NTB Associates, Inc.	Right-of-Way	4400019337 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI)	\$114,652
NTB Associates, Inc.	Survey	4400017067 LWI Task Order 3	Louisiana Watershed Initiative (LWI) Modeling Contract – Region 1 (Sub to Atkins)	\$40,440
NTB Associates, Inc.	Survey	4400019715 H.008768.5	IDIQ Contract for Hydrographic Surveying Services – Task Order No. 8 – Summer Bridges	\$19,799
NTB Associates, Inc.	Survey	4400019715 H.008768.5	IDIQ Contract for Hydrographic Surveying Services – Task Order No. 9 – Fall Bridges	\$154,000
NTB Associates, Inc.	Survey	4400026587 H.001779	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/ Huvall & Associates, Inc.)	\$156,900
NTB Associates, Inc.	Other (SUE)	4400026587 H.001779	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/ Huvall & Associates, Inc.)	\$253,750
NTB Associates, Inc.	Right-of-Way	4400026587 H.001779	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/ Huvall & Associates, Inc.)	\$62,100
Dave Rambaran Geosciences, LLC	N/A			
KSA Engineers, Inc.	Other-Statewide Aviation Program Update-TO #1	4400019123 H.014696	IDIQ-Statewide Aviation Program Update-Phase II	\$0
KSA Engineers, Inc.	Other-Statewide Aviation Program Update-TO #2	4400019123 H.015076.5	IDIQ-Statewide Aviation Program Update-Phase II	\$96,663
KSA Engineers, Inc.	Other-Statewide Aviation Program Update-TO #3	4400019123 H.013983.5	IDIQ-Statewide Aviation Program Update-Phase II	\$976,389

Firm(s)	Past Performance Evaluation Discipline(s)*	State project number	Project name	Remaining unpaid Balance**
HDR Engineering, Inc.	Bridge	44-24186   H.015472	Task Order No. 2 - 577 Overpass Over I-20 Bridge Preservation	\$0
HDR Engineering, Inc.	Bridge	4400013322   H.009730.5	Task Order No. 6 - Bridge Inspection IDIQ	\$1,851
HDR Engineering, Inc.	Bridge	4400013322   H.009730.5	Task Order No. 7 - Bridge Inspection IDIQ	\$0
HDR Engineering, Inc.	Other (Hydraulic Modeling)	4400017091	Task Order No. 2 - Louisiana Watershed Initiative (LWI) Statewide Modeling, Region 5	\$ 1,064,019
HDR Engineering, Inc.	Other (Hydraulic Modeling)	4400017091	Task Order No. 3 - Louisiana Watershed Initiative (LWI) Statewide Modeling, Region 5	\$1,725,554
HDR Engineering, Inc.	Planning	4400018780	Work Authorization No. 1 - Strategic Highway Safety Plan (SHSP) Update and Regional SHSP Strategic Marketing and Advertising Support IDIQ	\$10,737
HDR Engineering, Inc.	Planning	4400018780	Task Order No. 2 - Strategic Highway Safety Plan (SHSP) Update and Regional SHSP Strategic Marketing and Advertising Support IDIQ	\$148,177
HDR Engineering, Inc.	Planning	4400026365   H.015223.2	Baton Rouge to New Orleans Rail Corridor Environmental Study	\$1,366,000
HDR Engineering, Inc.	Planning	4400017329	IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services - Update to the Baton Rouge to New Orleans Passenger Rail Feasibility Study Strategic Business Plan	\$48,282
Volkert, Inc.	Road	Contract No. 44-5267 S.P. No. H.003074 & H.009087	Route I-10: Williams Blvd. to Veterans Blvd. & Loyola Drive to Williams Blvd. – Sub-consultant, Jefferson	\$1,736 .00 (Project on Hold)
Volkert, Inc.	Road	Contract No. 44-5142 S.P. No. H.001309.5	MacArthur Blvd. Phase II Final Plans – Sub-Consultant, Jefferson Parish, LA	\$77,678.00 (Project on Hold)
Volkert, Inc.	Bridge	4400013322   H.009730.5	Task Order No. 6 - Bridge Inspection IDIQ	\$1,851
Volkert, Inc.	Bridge	Contract No. 44-4726 S.P. No. H.004113	I-12 to Bush LA 3241 (LA 435 to LA 40 / LA 41), - Sub Consultant, St. Tammany Parish, LA	\$41,796.00
Volkert, Inc.	Bridge	Contract No. 44-8113 S.P. No. H.011152.5	I-12 Widening (US 190 to LA 59) Route I-12 – Sub Consultant, St. Tammany Parish, LA	\$20,052.00

Firm(s)	Past Performance Evaluation Discipline(s)*	State project number	Project name	Remaining unpaid Balance**
Volkert, Inc.	Bridge	Contract No. 44-25024 S. P. No. Varies	IJA Off-System Bridge Program District 04	\$2,000,000.00
Volkert, Inc.	Traffic	Contract No. 44-4787 S.P. No. H.009250	IMR I-10 Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LA	\$1,215,644.30
Volkert, Inc.	Survey	Contract No. 44-17068	Louisiana Watershed Initiative (LWI) Modeling Contract Region 3, Sub Consultant -Work completed	\$139,109.00
Volkert, Inc.	Survey	Contract No. 44-17068	IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract Region 2, Sub Consultant, Task Order 1, 2 and 3	\$213,815.00
Volkert, Inc.	Survey	Contract No. 44-17764 S.P. No. H.013284	IDIQ Contract for Engineering and Inspection Services of State Regulated Dams with Majority of Work in Districts 04,05,08 and 58, Statewide, Tasks Order 4 & 7	\$93,545.00
Volkert, Inc.	Survey	Contact No. 44-19871	IDIQ Contract for Design of Safety Projects, Statewide with Majority of Work I Districts 04,05, and 58.Sub-Consultant	No Open Task Orders
Volkert, Inc.	Other -Procurement Services	Contract No. 44-17328 S.P. No.H.015372	IDIQ Contract for Innovative Procurement Support Services, Statewide - No open task orders	No Open Task Orders
Volkert, Inc.	CE&I/OV	Contract No. 44-16173 S.P. No. H.003370	I-220/I-20 Interchange Improvements & Barksdale AFB Access, Bossier Parish, LA	\$388,970.00
Volkert, Inc.	CE&I/OV	H.004791	LA 23: Belle Chasse Bridge and Tunnel Replacement (HBI) Plaquemines Parish, LA	\$5,552,951.00
Volkert, Inc.	CE&I/OV	Contract No. 44-16980 H.013897	College Drive Flyover Ramp. I-10/I-12 West East Baton Rouge Parish, LA	\$523,625.00
Volkert, Inc.	CE&I/OV	Contract No. 44-21740 H.004100.6	Phase I W. of Washington Street to Essen Lane (CE&I) Phase I Segment 01. W. of Washington Street to Acadian Thruway, Route I-18. East & West Baton Rouge Parishes, LA	\$8,068,216.00
Volkert, Inc.	CE&I/OV	H.001234.6	LA 1 Port Allen Canal Bridge Replacement (Phase 1) (HBI) (CE&I), West Baton Rouge Parish, LA – Subconsultant	\$458,917.00
Volkert, Inc.	CE&I/OV	H.007811.6,	Comite Diversion Canal CE&I and Utility Relocation, East Baton Rouge Parish, LA – Subconsultant	\$414,475.00
Volkert, Inc.	CE&I/OV	Contract No. 44-19950, H.003003.6-2	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CE&I) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes Task Order 1 I-10 E Jct I-49 to LA 328, Lafayette Parish - Subconsultant	\$38,584.00

Firm(s)	Past Performance Evaluation Discipline(s)*	State project number	Project name	Remaining unpaid Balance**
Volkert, Inc.	CE&I/OV	Contract No. 44-19950, H.002868.6	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CE&I) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes – Task Order 4 – I-49 S Ambassador Caffery/US 90 Interchange, St. Martin & Lafayette Parishes– Sub- consultant	\$459,466.00
Volkert, Inc.	CE&I/OV	Contract No. 44-19950, H.013265.6	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CE&I) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes – Task Order 5 – US 90 LA 14 - LA 83, Iberia Parish – Sub- consultant	\$180,804.00
Volkert, Inc.	CE&I/OV	H.008145.6	LA 1: Leeville to Golden Meadow Phase 2 (CE&I) SA 1 Fabrication Lafourche Parish (Subconsultant to ECM)	\$7,226,226.00
Volkert, Inc.	CE&I/OV	H.011965.6	LA 47: IWGO Bridge Replacement (HBI) (CE&I), Orleans Parish -Subconsultant	\$340,000.00
Volkert, Inc.	CE&I/OV	H.009498.6	Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 1 LA 121 Calcasieu River Bridge Fabrication, Rapides Parish	\$20,495.00

20. Certifications/Licenses:

If advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.


**LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Michael David Chopin**

License/Certificate Type - Number      Expiration Date  
**PE.0026797**                                      **09/30/2024**

Status: **Active**


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**Mr. Andrew Robert Jensen**

License/Certificate Type - Number      Expiration Date  
**PE.0043382**                                      **09/30/2023**

Status: **Active**


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**Mr. Fares Elias Tannous**

License/Certificate Type - Number      Expiration Date  
**PE.0047542**                                      **09/30/2023**

Status: **Active**


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**Mr. Henry Maurice Picard III**

License/Certificate Type - Number      Expiration Date  
**PE.0022289**                                      **03/31/2025**

Status: **Active**


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 Baton Rouge, LA 70809  
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**Mr. David Edward Boyd**

License/Certificate Type - Number      Expiration Date  
**PE.0035510**                                      **09/30/2024**

Status: **Active**


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**Ms. Renee Poole**

License/Certificate Type - Number      Expiration Date  
**PE.0047869**                                      **09/30/2023**

Status: **Active**


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 Baton Rouge, LA 70809  
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**Mr. Henry Maurice Picard III**

License/Certificate Type - Number      Expiration Date  
**PLS.0004736**                                      **03/31/2025**

Status: **Active**


**LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Timothy James Koenig**

License/Certificate Type - Number      Expiration Date  
**PE.0035079**                                      **03/31/2024**

Status: **Active**


**LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Ms. Bailee Leah Hurm**

License/Certificate Type - Number      Expiration Date  
**EI.0034435**                                      **09/30/2024**

Status: **Active**


**LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Rene Adrian Chopin III**

License/Certificate Type - Number      Expiration Date  
**PE.0025174**                                      **09/30/2023**

Status: **Active**


**LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mrs. Rebecca Moore Jensen Chopin**

License/Certificate Type - Number      Expiration Date  
**PE.0041841**                                      **03/31/2024**

Status: **Active**

## Self-Certification demonstrating the status of Burk-Kleinpeter, Inc. as a Small Business

# Are you a small business eligible for government contracting?

---

541330 Engineering Services	<b>Small Business Size Standards</b> \$16,500,000 annual revenue	 <b>YES</b>
--------------------------------	---	---

<b>Exception #1</b> Military and Aerospace Equipment and Military Weapons	<b>Small Business Size Standards</b> \$41,500,000 annual revenue	 <b>YES</b>
--	---	---

<b>Exception #2</b> Contracts and Subcontracts for Engineering Services Awarded Under the National Energy Policy Act of 1992	<b>Small Business Size Standards</b> \$41,500,000 annual revenue	 <b>YES</b>
--	---	---

<b>Exception #3</b> Marine Engineering and Naval Architecture	<b>Small Business Size Standards</b> \$41,500,000 annual revenue	 <b>YES</b>
---	---	---

---

Results derived from the "Measure My Business" tool at [www.sba.gov/size](http://www.sba.gov/size) demonstrating that Burk-Kleinpeter, Inc. is a "small" business according to the SBA standard for our industry (NAISC codes).

**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**

Name: Public Address:  
Burk-Kleinpeter, Inc. P. O. Box 19087  
New Orleans, Louisiana 70179

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000124	Active	09/12/1984	09/30/2023	Mr. Rene Adrian Chopin III # PE.0025174 - Active

**The Louisiana Professional Engineering and Land Surveying Board has the following information on file:**

Name: Public Address:  
Burk-Kleinpeter, P. O. Box 19087  
Inc. New Orleans, Louisiana 70179

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000024	Active	09/12/1984	09/30/2023	Mr. Henry Maurice Picard III # PLS.0004736 - Active

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Rene A Chopin III**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific  
Training Course**

9/13/2019 to 9/13/2019  
Date

New Orleans, LA  
Location



*Jessica Stuylen*

Training & Products Dept. Director

*Ryan A. Wertz*

President, CEO

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Andrew Jensen**

has attended

**Traffic Control Supervisor Refresher-LA State Specific  
Training Course**

9/13/2019 to 9/13/2019  
Date

New Orleans, LA  
Location



*Jessica Shugler*

Training & Products Dept. Director

*Ryan A. Wentz*

President, CEO

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Rebecca Chopin**

has attended

**Traffic Control Supervisor Refresher-LA State Specific  
Training Course**

9/13/2019 to 9/13/2019

Date

New Orleans, LA

Location



SAFER ROADS SAVE LIVES

*Jessica Shingler*

Training & Products Dept. Director

*Ryan A. Wentz*

President, CEO



U.S. Department  
Of Transportation  
Federal Highway  
Administration

National Highway Institute



NATIONAL HIGHWAY INSTITUTE  
Training Solutions for Transportation Excellence

# *Certificate of Training*

## **Garrick Rose**

*has participated in*

### **NEPA and Transportation Decision Making**

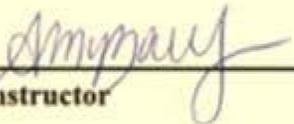
*hosted by*

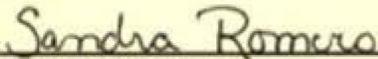
**LA DOTD/LTRC**

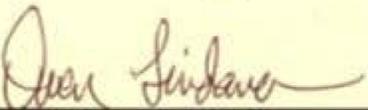
***Date:*** March 18-20, 2008

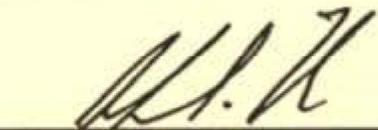
***Hours of Instruction:*** 18

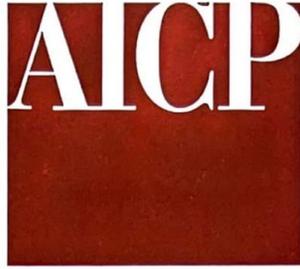
***Location:*** Baton Rouge, LA

  
\_\_\_\_\_  
**Instructor**

  
\_\_\_\_\_  
**Local Coordinator**

  
\_\_\_\_\_  
**Instructor**

  
\_\_\_\_\_  
**Joseph S. Toole, Associate Administrator  
Office of Professional and Corporate Development**



THE AMERICAN INSTITUTE OF  
CERTIFIED PLANNERS

GARRICK A. ROSE

Has qualified as a

*Member*

with all benefits of a Certified Planner and responsibility to the  
AICP Code of Ethics and Professional Conduct.

Membership Certificate Number 016085

July 1, 2000

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Executive Director

**20. Certifications/Licenses:**

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank.**

**SAM.GOV**

**Entity Workspace Results** 3 Total Results

<b>N T B Associates Inc</b>		
<b>Unique Entity ID:</b> PNS1EJYESPB1	<b>Doing Business As:</b>	<b>Expiration Date:</b>
<b>CAGE/NCAGE:</b> 6RAT9	<b>Physical Address:</b>	Oct 07, 2023
<b>Entity Status:</b> Active Registration	100 BOMBER BLVD STE 2 MOUNTAIN HOME , AR 72653-4626 USA	<b>Purpose of Registration:</b> All Awards
<b>NTB ASSOCIATES INC</b>		
<b>Unique Entity ID:</b> E8PTT4ZELXE3	<b>Doing Business As:</b>	<b>Expiration Date:</b>
<b>CAGE/NCAGE:</b> 1NBV8	<b>Physical Address:</b>	Oct 07, 2023
<b>Entity Status:</b> Active Registration	500D PLEASANT VALLEY DR STE 102 LITTLE ROCK , AR 72227-2151 USA	<b>Purpose of Registration:</b> All Awards
<b>N T B ASSOCIATES INC</b>		
<b>Unique Entity ID:</b> DL8ELAPGQQ41	<b>Doing Business As:</b>	<b>Expiration Date:</b>
<b>CAGE/NCAGE:</b> 1PDD3	<b>Physical Address:</b>	Oct 17, 2023
<b>Entity Status:</b> Active Registration	525 LOUISIANA AVE STE 200 SHREVEPORT , LA 71101-5449 USA	<b>Purpose of Registration:</b> All Awards



# Louisiana Professional Engineering and Land Surveying Board

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

**Name:**

**Public Address:**

NTB Associates, Inc.

Mr. Paul Rossini  
525 Louisiana Avenue  
Shreveport, Louisiana 71101

## License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000451	Active	02/15/2000	09/30/2024	Mr. Paul Brian Rossini # PLS.0004731

[Print](#) [Close](#)



# Louisiana Professional Engineering and Land Surveying Board

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Public Address:
NTB Associates, Inc.	Mr. Paul Rossini 525 Louisiana Avenue Shreveport, Louisiana 71101

#### License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002481	Active	02/15/2000	09/30/2024	Ms. Amy Kathleen Schulze # PE.0030295

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# Louisiana Professional Engineering and Land Surveying Board

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Address:
Mr. Paul Brian Rossini	525 Louisiana Avenue Shreveport, Louisiana 71101

### License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0004731	Active	06/07/1994	09/30/2024	

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[Online Contact Info Update \(User ID/Password required\)](#)



# Louisiana Professional Engineering and Land Surveying Board

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Address:
Mr. Bryan Turner Bunch	1409 Worsham Drive Zachary, Louisiana 70791

### License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0005014	Active	12/02/2009	03/31/2024	

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# Louisiana Professional Engineering and Land Surveying Board

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Address:
Mr. Patrick Carl Staiano	8643 Main Street Zachary, Louisiana 70791

### License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0005130	Active	01/28/2015	09/30/2023	

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# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Patrick Staiano**

has attended

**Traffic Control Supervisor Refresher-LA State Specific**

Training Course

---

4/29/2022 to 4/29/2026  
Training Valid Through

Baton Rouge, LA  
Location

*Ramona Smith*  
Director of Training

*Sharon Tebbel*  
President, CEO

*ATSSA provides training and certification but neither constitutes employment by ATSSA.*



American Traffic Safety Services Association ATSSA.com



# Louisiana Professional Engineering and Land Surveying Board

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Address:
Mr. Grant Houston Gilleon	125 Pineknoll Point Hot Springs, Arkansas 71913

### License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0004976	Active	12/05/2007	03/31/2024	

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# Louisiana Professional Engineering and Land Surveying Board

## License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

**Name:**

Ms. Amy Kathleen Schulze

**Address:**

7184 Lakeland Drive  
Zachary, Louisiana 70791

**License/Certificate Information**

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PE.0030295	Active	08/08/2002	03/31/2025	Civil Engineer

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[Online Contact Info Update \(User ID/Password required\)](#)



# CERTIFICATE OF COMPLETION

THIS IS TO ACKNOWLEDGE THAT

*Amy Schulze*

HAS SUCCESSFULLY COMPLETED THE CLASSROOM AND FIELD TRAINING REQUIREMENTS,  
AND IS DULY AWARDED THE CERTIFICATE OF COMPLETION FOR

*The 7<sup>th</sup> UESI Utility Investigation School*

*40 Professional Development Hours (4 CEUs)*

*Held in Ruston, LA, March 2-6, 2020*

*On this 6<sup>th</sup> day of March 2020*

Tom Iseley, Ph.D., P.E., Dist. M. ASCE, PWAM  
Professor Emeritus, Louisiana Tech University  
Director of Development, Trenchless Technology Center  
Chair, BAMI-1 Board of Directors



Andrew Sylvest  
President-elect, Subsurface Utility Engineering (SUE) Association  
Surveying And Mapping, LLC (SAM) SUE Discipline Lead  
UESI/ASCE Subsurface Utility Engineering & Investigation Committee

**20. Certifications/Licenses:**

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank.**



**LOUISIANA UNIFIED CERTIFICATION PROGRAM**  
**Disadvantaged Business Enterprise Program (DBE)**  
**Small Business Element (SBE)**

This is to certify that under Title 48, Part 28 of the Code of Federal Regulations  
& under the State of Louisiana Unified Certification Program (LAUCP)

**Dave Rambaran Geosciences, LLC**

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

**NC541330, NC541380, NC541620**

*NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.*

**Certificate Eligibility: January 2023 to January 2024**  
*This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.*

*Rhonda Wallace*

---

**Rhonda Wallace, DBE/SBE Programs Manager**  
*Louisiana Department of Transportation & Development*

**20. Certifications/Licenses:**

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank.**

Employee licenses:

**FIRM LICENSES:**

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name: Public Address:  
 KSA Engineers, Inc. Mrs. Alicia Bell,  
 148 East Tyler

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000476	Active	09/19/1984	03/31/2025	Mr. Joncie H. Young Jr. # PE.0018501 ; Mr. Jonathan Nicholas Farmer # PE.0037012 ; Mr. Michael Chris Barry # PE.0035763 ; Mr. Lanny Scott Buck # PE.0037987 ; Mr. Robert Francis Vinet # PE.0031555

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name: Public Address:  
 KSA Engineers, Inc. Mrs. Alicia Bell, 140 East Tyler Street, Suite 600  
 Longview, Texas 75601

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000077	Active	09/19/1984	03/31/2025	Mr. Jeffery Elsworth Hudson # PLS.0005039

**INDIVIDUAL LICENSES:**

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

Mr. Jeffery Elsworth Hudson

License/Certificate Type - Number: PLS.0005039  
 Expiration Date: 09/30/2024  
 Status: **Active**

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

Mr. Michael Chris Barry

License/Certificate Type - Number: PE.0035763  
 Expiration Date: 03/31/2025  
 Status: **Active**

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

Mr. Roy Clayton Murry

License/Certificate Type - Number: PE.0046266  
 Expiration Date: 03/31/2024  
 Status: **Active**

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

Mr. Joncie H. Young Jr.

License/Certificate Type - Number: PE.0018501  
 Expiration Date: 03/31/2024  
 Status: **Active**

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

Mr. Robert Francis Vinet

License/Certificate Type - Number: PE.0031555  
 Expiration Date: 03/31/2025  
 Status: **Active**

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

Mr. Matthew Lane Moore

License/Certificate Type - Number: PE.0045811  
 Expiration Date: 03/31/2024  
 Status: **Active**

**Congratulations!**  
**Roy "Clay" Murry**

You have completed  
**Traffic Engineering Analysis Process & Report Class**  
**Modules 1, 2 & 3**

Date: February 1-2, 2023  
 Location: Baton Rouge, Louisiana  
 Professional Development Hours (PDHs) Awarded: 8.50

  
 Authorized Instructor

  
 Authorized Instructor

  
 LOUISIANA DEPARTMENT OF TRANSPORTATION & DISASTER PREVENTION

CARRILLO, ABIEL JR. PE# 134142				
Status	Branch(s)	Granted	Expires	Employer(s)
Active	Civil,	04-25-2019	03-31-2024	KSA Engineers

21. QA/QC Plan:

If advertisement requires submission of QA/QC plan, include them here. Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.

# Quality Control/Quality Assurance Plan

for

Contract No. 4400027600

Entity Contract for Cong Relief Winfield Road

State Project Number H.003855.5

Bossier Parish

Prepared by



**BURK-KLEINPETER, INC.**

ENGINEERING

PLANNING

ENVIRONMENTAL

For



LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

August 17, 2023

# Quality Control/Quality Assurance Plan

Contract No. 4400027600

## Contents

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2. Definitions and Abbreviations.....	1
3. QC/QA Process.....	3
4. Software.....	8
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<i>Appendix B: BKI Pre-Design/Planning Report</i>	
<i>Appendix C: Consultant Project Bridge Design Kick-Off Meeting Agenda Checklist</i>	
<i>Appendix D: Design Criteria Checklist</i>	
<i>Appendix E: Status of Drawings and Other Submittals Form</i>	
<i>Appendix F: Final Calculation Book Checklist</i>	
<i>Appendix G: Color-Coded Marking Procedures</i>	
<i>Appendix H: QA Information Package Checklist</i>	
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<i>Appendix J: Peer Review Resolution Agreement</i>	
<i>Appendix K: Software Approval</i>	
<i>Appendix L: Software Verification</i>	
<i>Appendix M: Road Design 100% Preliminary Plans QA/QC</i>	
<i>Appendix N: Road Design Final Plans QA/QC</i>	

**Key Personnel**  
**Quality Control/Quality Assurance Plan**  
**Contract No. 4400027600**

**Project Manager:** Andrew Jensen, P.E.

**Engineer of Record:** René A. Chopin, III, P.E.

**Reviewer:** Fares E. Tannous, Ph.D., P.E.

**Designer/Design Checkers\* :**

Andrew Jensen, P.E.	Responsible for the project and road design
René A. Chopin, III, P.E.	Responsible for road and bridge design oversight and EOR
Henry Picard, III, P.E.	Responsible for road design and drainage design oversight
Fares E. Tannous, Ph.D., P.E.	Responsible for bridge design oversight
Rebecca Chopin, P.E.	Responsible for bridge design
Farhad Mogharrebi, P.E.	Responsible for bridge design
William Clemenston, P.E.	Responsible for bridge design (HDR, Inc.)
David E. Boyd, P.E.	Responsible for drainage design and hydraulics oversight
Timothy J. Koenig, P.E.	Responsible for road design
Ashley Beckdorf, P.E.	Responsible for road design (Volkert, LLC)
René A. Chopin, IV, P.E.	Responsible for drainage design
Renée M. Poole, P.E.	Responsible for Road design, drainage design, and hydraulics
Garrick A. Rose, AICP	Responsible for Environmental and permitting, agreements.
David Rambram, P.E.	Responsible for geotechnical design (Geosciences, LLC)

\*E.I. design work must be checked by a registered P.E.

**Detailers/Detail Checkers:**

George Vega	Lead CAD Technician
Tommy Litchliter	

**Hydraulic Engineer:** David Boyd, P.E.

**Geotechnical Engineer:** David Rambram, P.E. (Geosciences, LLC)

**Quality Control/Quality Assurance Plan**  
for  
**Contract No. 4400027600**  
**Entity Contract for Cong Relief Winfield Road**  
**State Project Number H.003855.5**  
**Bossier Parish**

**1. Introduction**

To improve the quality of the structural designs, roadway plans, plans for bridges, and other structures required for the proposed off system route including five (5) bridges from Benton Road (LA 3) to the intersection of Bellevue and Winfield Road in Bossier Parish, Burk-Kleinpeter, Inc. (BKI) has established this QC/QA plan document for the project. This QC/QA plan shall be adhered to for all design activities in both the design phase and the construction support phase of the project. **All submittals to the LADOTD shall include a QC/QA Certification stating that the submittal has been prepared in accordance with this QC/QA plan** (see Appendix A).

BKI is responsible for fully checking all our work and of our sub-consultants. The review of all designs and checking of plans, calculations, specifications, and estimates should meet the standard of care performed by the LADOTD's Bridge Design and Road Design Sections. This QC/QA plan complies with the minimum requirements set in the "Guidance on QC/QA in Bridge Design in Response to NTSB Recommendation (H-017)" (FHWA/AASHTO Guidance) published by FHWA and AASHTO August 2011 and the LADOTD Bridge Design and Evaluation Manual, Part I – Policies and Procedures, Chapter 3 Policy for QC/QA. This plan shall also address the Road Design 100% Preliminary QA/QC Review Checklist (appendix M) and the Road Design Final QA/QC Review Checklist (appendix N) items applicable to the project.

**2. Definitions and Abbreviations**

**Quality Control (QC)** - The act of reviewing and checking the design, the calculations, and the plans for accuracy and consistency. Review consists of verifying general conformance of the design with the project objectives and DOTD's policies. Checking consists of detailed verification of design and details. QC shall be thorough, appropriate to the project in order to detect and correct design omissions and errors before the plans are finalized and verify the designs and details for the load-carrying members are adequate for the service and operation loads. All steps of the QC procedure shall be documented.

**Quality Assurance (QA)** - The steps needed to verify quality. This is a defined set of procedures to be carried out at the management and senior technical levels with measurable and verifiable actions to ensure that quality procedures are in place and effective in preventing mistakes, and consistency in the development of roadway plans, bridge design plans, and specifications.

**Designer** – The designer must be licensed by the State of Louisiana as a professional engineer or an engineer intern, who is responsible for the development of design calculations, drawings, special provisions including Non-Standard items, and cost estimate.

**Detailer** – The detailer is an individual directly responsible for the creation of CAD drawings under the supervision of the designer in accordance with LADOTD Software and Deliverable Standards for Electronic Plans document and LADOTD CAD Standards.

**Design Checker** – The design checker must be licensed by the State of Louisiana as a professional engineer or an engineer intern, who is responsible for performing a full technical review of the design calculations, drawings, special provisions including Non-Standard items, and cost estimate. ***The design checker must be licensed by the State of Louisiana as a professional engineer if the designer is an engineer intern.*** The design checker shall not be the same individual who performed the original design.

**Detail Checker** – The detail checker can be a designer or a detailer, who is responsible for performing a full review of the CAD drawings. The detail checker shall not be the same individual who developed the original details.

**Reviewer** – The reviewer must be licensed by the State of Louisiana as a professional engineer and must have substantial experience in the design of similar roadways and structures as those of the project. This individual is responsible for performing QA procedures for assuring that the QC processes have been performed and are complete and the design calculations, drawings, special provisions, and cost estimate are in accordance with LADOTD Road Design and Bridge Design practices, policies, and procedures.

**Engineer of Record (EOR)** – The EOR is a licensed professional engineer in the State of Louisiana meeting or exceeding the minimal experience requirements in the design of similar roadways and structures to those of the project, who is responsible for the supervision and/or preparation of plans, sealing calculations, plans and special provisions for all roadways, bridges, and other structures for the project.

### **3. QC/QA Process**

#### *Step 1: Designation of a Qualified Design Team*

BKI's President, Michael D. Chopin, P.E. will assign a Project Manager (PM) and the Engineer of Record (EOR) for the project. The PM will select the design team from qualified BKI personnel and enlist the services of qualified sub-consultants to fulfill technical roles outside of BKI's area of expertise. The design team members and sub-consultants shall meet or exceed the minimum personnel requirements as prescribed in the LADOTD Request for Qualifications (RFQ) for the project.

The PM is responsible for assigning the team members responsibility for specific design and detailing activities. The PM is also responsible for assigning team members for QC of the work performed. BKI's President will act as the Reviewer and or designate other qualified personnel (not performing design and detailing on the project) for QA procedures.

The project team was identified in BKI's Statement of Qualifications SF24-102. The latest Key Personnel assigned to the project are listed under the Key Personnel section of this plan. BKI will ensure that the original team members shown of SF24-102 are utilized. If a need arises for change in personnel, the replacement staff member(s) credentials shall meet or exceed those of the original staff member(s) to be replaced. All replacement personnel must be approved by LADOTD's Bridge Task Manager for bridge design and the Roadway Task Manager for road design.

#### *Step 2: Design Kick-off Meeting and Pre-Design/Planning Meeting Report*

Prior to the Design Kick-off meeting with the LADOTD, BKI will complete a draft BKI Pre-Design/Planning Meeting Report (see Appendix B). This meeting report will help facilitate discussion of LADOTD's Consultant Project Bridge Design Kick-Off Meeting Agenda Checklist (see Appendix C).

The BKI Pre-Design/Planning Meeting Report will be updated based on discussion from the Design Kick-Off Meeting and distributed to the Bridge Task Manager, Roadway Task Manager, and BKI management.

#### *Step 3: Development of Project Design Criteria*

BKI will develop design criteria for the project covering at a minimum the LADOTD Design Criteria Checklist (see Appendix D). Prior to beginning any design work, BKI will submit the design criteria to the Bridge Task and Roadway Task Managers for approval. Upon approval BKI will adhere to the established design criteria. Any changes to the design criteria during the course of the project will be documented and a current list of the criteria shall be maintained at all times. Any design assumptions made, or design exemptions obtained shall be listed in the design criteria and referenced in the design calculations and drawings as appropriate.

The PM will create the Status of Drawings and Other Submittals Form (see Appendix E) for each milestone submittal. This form is to be updated weekly and a current copy kept with a full set of the latest design drawings to date. This form and the drawing set helps the PM and EOR track the progress of the project along with coordinating sub-consultants from start to finish.

#### *Step 4: Development of Designs and Plan Details by the Designer and the Detailer*

The next item of work to follow the establishment of design criteria is to determine the bridge type, size, and location (T, S & L). The T, S & L will be submitted to the Bridge Task Manager for approval prior to BKI commencing with any design of structural components. During the design process the designer must follow the design criteria established for the project. The designer is responsible to communicate his design information to the drawings by closely supervising the detailer. The drawings must adequately and accurately present the design information. Both the designer and the detailer shall check their own work prior to submitting it for QC.

All design calculations shall be organized and maintained in a standard calculation book format. At a minimum, the final calculation book shall contain the items listed on the LADOTD Final Calculation book Checklist (see Appendix F).

#### *Step 5: Quality Control of Designs and Plan Details by the Design Checker and the Detail Checker*

The design check process verifies the accuracy of the designer's calculations, pay items, quantities, special provisions including Non-Standard items, and cost estimate. This can be accomplished in one of two methods by the design checker; a redline check of the designer's calculations or by producing an independent set of calculations and comparing the results. The PM shall determine the method to be utilized based on the complexity of the design element being checked. The designer's calculations are the calculations of record and the original calculations must be updated to correct any errors or omissions found by the design checker. The updated set of calculations shall be verified by the design checker and then initialed in the checked by block. If an independent set of calculations is produced, these also will become part

of the calculations of record. In addition to checking the design calculations, the design checker shall ensure that the drawings adequately and accurately present the design information.

During the detail check process, the detailer must ensure that the drawings are in accordance with the design information, the LADOTD Software and Deliverable Standards for Electronic Plans document and the LADOTD CAD Standards. All dimensions and quantity calculations must be verified. BKI utilizes a color-coded marking procedure for the QC of drawings (see Appendix G).

The checking process may begin at the completion of the entire design/detail process or may check components of the designer/detailer's work as it is completed. Likewise, the checker may provide feedback at the completion of the entire checking process or as each component of check is completed. On large complex projects with many different design elements of similar nature a check of the first designs and details of the elements will be performed in order to minimize repeated errors and corrections. Subsequent designs and details of the remaining elements will still be checked in full accordance with the QC processes.

Any discrepancies that arise shall be resolved between the designer/detailer and the checker, and the calculations and plans corrected accordingly. If the designer/detailer and the checker are unable to resolve their discrepancies, the issue shall be brought to the attention of the PM for a decision on resolution. Significant issue resolution that cannot be resolved at this level will be resolved by BKI's President.

The design and detail check shall be considered complete when the designer, design checker, detailer, and detail checker are satisfied with the state of the design calculations, drawings, special provisions, and cost estimate. The design and detail check shall be completed no later than the 95% Final Plans stage. Upon completion of the checking the designer will prepare a QA information package, which includes the documents listed below, and providing the package to the reviewer to perform quality assurance.

- QA Information Package Checklist (see Appendix H)
- Calculation book
- Plans
- Special Provisions including Non-Standard items
- Cost estimate
- Any relevant documents, such as checklists, review comments, etc., utilized by the designer, design checker, detailer, and detail checker

Note: If design revisions are required after the QA information package has been submitted, the reviewer must be notified of such revisions and supplied with the revised information.

#### *Step 6: Quality Assurance of Designs and Plan Details by the Reviewer*

The reviewer shall perform a cursory review of all documents in the QA information package submitted by the designer. This review should focus on constructability of the plan details; areas of critical structural importance; areas where based on the reviewer's experience, mistakes may typically be found; and areas that may be new to the design practice. The reviewer at their discretion can produce independent calculations to verify submitted information. The reviewer shall provide feedback to the designer and resolve all issues. The QA process must be completed no later than the 98% Final Plans stage. The design calculations, plan details, special provisions, and cost estimate shall be considered final when the QA process is complete. The QC/QA Certification (see Appendix I) shall be signed by the designer, design checker, detailer, detail checker, and reviewer. On more complex projects, Appendix I shall be supplemented with QC/QA Certification of the Status of Bridge Design Calculations (Appendix I.1) and the Status of Drawings and Other Deliverables Form (Appendix E). The Status of Bridge Design Calculations shall be signed by the designers and design checkers. The Status of Drawings and Other Deliverables shall be signed by the designers, design checkers, detailers, and detail checkers.

#### *Step 7: Peer Review*

For complex projects, a peer review may be requested by the LADOTD. Peer review shall be performed by an independent engineering entity with no prior involvement in the project. **Peer review of any BKI products cannot be performed by an employee of BKI.** At the discretion of the LADOTD Bridge Task Manager the peer review of certain elements may be performed by a qualified sub-consultant. The peer reviewer must be licensed by the State of Louisiana as a professional engineer and must have substantial experience in the design of similar structures under review. The peer review comments must be submitted to LADOTD and BKI for evaluation. Resolutions agreed upon by all parties including the designer, peer reviewer, and LADOTD shall be incorporated into the final design. A Peer Review Resolution Agreement (see Appendix J) shall be signed by the peer reviewer, the PM and the LADOTD Bridge Task Manager. Depending on the scope of the review, peer reviews are typically performed between the 60% to 98% Final Plan stages.

#### *Step 8: Sealing of Design Calculation Book and Plans by the Engineer of Record and BKI President*

The responsibilities of the EOR are as follows:

- Ensure that all responsible parties sign the QC/QA certification.
- Ensure the geotechnical design information shown on bridge plans is co-stamped by a Geotechnical Engineer and the hydraulic information shown on bridge plans is co-stamped by a Hydraulic Engineer.
- Ensure that all drawings developed by sub-consultants are stamped by the appropriate engineer(s).
- Assemble the final calculation book and seal the cover sheet of the calculation book. The calculation book is to contain all calculations from all designers, sub-consultants, the final geotechnical analysis report stamped by the geotechnical engineer, and the final hydraulic report stamped by the hydraulic engineer.
- Ensure that the title block on each plan sheet has the names of the designer, design checker, detailer, detail checker, and reviewer correctly shown. Stamp all plan sheets developed under the EOR supervision. ***The EOR shall stamp the General Notes Sheet(s).*** Ensure that any sheets developed under the supervision of others is stamped by the designated designer, design checker, or reviewer licensed by the State of Louisiana as a professional engineer.
- Ensure that all special provisions developed by BKI and BKI's sub-consultants are accurate for inclusion in the construction proposal. The EOR will stamp the special provisions developed by BKI and BKI's sub-consultants. The EOR will submit the special provisions to the LADOTD Bridge Task and Roadway Task Managers.

The responsibilities of the BKI President are as follows:

- The BKI President or his designee shall stamp the title sheet when the stamped final plans are ready for submittal to the LADOTD Bridge Task Manager.

*Step 9: QC/QA for Design Activities after Final Plans are Signed by the LADOTD Chief Engineer*

BKI will use the same QC/QA process utilized for the design documents for all activities such as plan revisions, change orders, etc. occurring after the final plans have been signed by the LADOTD Chief Engineer.

*Step 10: Archiving Bridge Design Files*

The EOR is responsible to submit the following documents to the LADOTD Bridge Task Manager:

- Stamped Final Plans
- Stamped Special Provisions
- Cost Estimate
- The following will be submitted electronically by CD or Flash Drive or placed in a designated ProjectWise folder:
  - A PDF File of the Calculation Book
  - All Electronic Design Files
  - A PDF File of the As-Designed Rating Report Only
- Any revisions made to the above listed documents due to plan revisions and/or change orders along with the appropriate signed plan revisions or change order sheets.

BKI will retain these documents until five (5) years past Final Project Acceptance by the LADOTD.

#### **4. Software**

BKI will make every effort to utilize the LADOTD Bridge Design Section pre-approved software listed on the website. If any other software is required for any applications the pre-approved software cannot be used, BKI will seek approval from the Bridge Task Manager prior to the use of the software. A Software Approval form (see Appendix K) will be submitted with the request to the Bridge Task Manager.

All commercially available software and spreadsheets developed for design shall be validated and documented as follows:

- A hand calculation with the same formulation or parallel technique must be documented and checked in accordance with Step 5 of the QC/QA Process. Checked calculations from a previous project or the input and output from a validated program may be substituted for original hand calculations.
- The same input and assumptions utilized in the hand calculations are formatted and input into the computer to check the software.
- The computer output is compared to the hand calculation results with each corresponding answer annotated as equivalent values. Any differences not accountable to rounding are to be explained on the output sheet.
- Complete documentation of the software validations are to be maintained by the PM. Documentation should include the Software Verification Form (see Appendix L), fully checked calculations, checked computer input, printout of program when available, and annotated output printout.

Commercially available programs, which come with validation documentation, are acceptable if project personnel review the documentation and determine that it conforms to the standards set forth herein and note as such on the Software Verification Form.

**BURK-KLEINPETER INC.**  
**Project Creation Form**

(form revised 07/01/2021)

< (select from drop down list)

**Submitted By:**  (drop-down list)  
**Original Date:**

**1 New / Revised**

(drop down) **Revised Date:**   
 (New indicates new project; Revised indicates change in project details)

**2a Pre-Contract >**  
**2b Billable Project >**

} place "x" in one box only (Pre-Contract project will initialize a P# - pre-contract co-ordination phase)

**3 Project No.**

(This is a 7 or 8 character ID to identify the job No, ie. NO.10.001 if billable or PNO.10.001 if Pre-Contract)

**3a Opportunity Number**  
**3b Pre-Contract Number**  
**3c Master Agreement**  
**3d Selection Resolution**

(number previously assigned for this work, if applicable)  
 (number previously assigned for this work, if applicable)  
 (Only required if this is Task Order Assignment under Master Agreement)  
 (Only required if this is assignment related to a Selection Resolution)

**4 Job Name**

**5 Client ID**

(This is a 4-digit ID to identify the client)

**6 Client Name**

**7 Billing Address & Telephone Nos.**

Office:  Fax:

**8a Contact - Primary**  
 Telephone  
 Email

(The primary manager to contact at client site)

**8b Contact - Billing**  
 Telephone  
 Email

(The billing contact at client site)

**8c Parent Client**

**9 BKI Office**

(drop-down list) (originating office)

**10 Project Manager**

(select Overall Project Manager from drop-down list)

**11 Type of Contract**

(Select from drop-down list)

**12a Contract Execution Date**

(not required for P #'s)

**12b Contract Expiration Date**

(not required for P #'s)

**13a Project Start Date**

(drop-down: Actual or Estimated)

**13b Project End Date**

(drop-down: Actual or Estimated) (not required for P #'s)

**14a Eng / Env / GIS**

(drop-down list)

or

**14b Planning:**

(drop-down list)

or

**14c Architectural**

(drop-down list)

**15 Service Type**

(drop-down list)

**16 Senior VP Approval**

\_\_\_\_\_ **Date** \_\_\_\_\_

**17 Chief Eng. Approval**

\_\_\_\_\_ **Date** \_\_\_\_\_

**BURK-KLEINPETER INC.**

**Phase Creation and Budget Form**

(form revised 07/01/2021)

**Submitted By:**   
**Original Date:**

**1 New / Revised**

**Revised Date:**

(New indicates new phase; Revised indicates change in existing phase details)

**2 Project Number**

**3 Project Name**

**4 Phase Number**

**5 Phase Name**

**6 Phase Project Manager**

(drop-down list)

**7a Start Date**

Project
-

**This Phase**

-
---

**7b End Date**

-
---

-
---

**8 Phase Contract Fee**

(Contracted Phase fee total or ceiling; without subs)

**9 Phase Payment Type**

(see drop-down list)

**10 Phase Budget**

	<b>Labor</b>	<b>Budget Hours*</b>	<b>Rate</b>	<b>Total Labor</b>
01	Engineer		\$ -	\$ -
02	Env. Scientist		\$ -	\$ -
03	Planner		\$ -	\$ -
04	Architect		\$ -	\$ -
05	Graphics		\$ -	\$ -
06	CADD Operator		\$ -	\$ -
07	Res. Inspector		\$ -	\$ -
08	Technician		\$ -	\$ -
09	Clerical		\$ -	\$ -
10	Miscellaneous		\$ -	\$ -
11	Vice-President		\$ -	\$ -
12	Officer		\$ -	\$ -
13	Pre-Prof. Eng.		\$ -	\$ -
15	Director		\$ -	\$ -
<b>LABOR SUBTOTAL</b>				<b>\$ -</b>

\* No fractional hours

**11 Overhead and Profit:** (enter an x in the appropriate box below - clear all other boxes)

<b>Firm (Default)</b>		185.00%	\$ -
DOTs - Home	<b>x</b>	176.23%	\$ -
DOTs - Field		0	\$ -
DOTs - Combined		0	\$ -
DOTs - Unitary		0	\$ -
<b>LABOR + OVERHEAD SUBTOTAL</b>			<b>\$ -</b>
<b>PROFIT</b>		<b>15.00%</b>	<b>\$ -</b>
<b>SUBTOTAL (Labor + OH + Profit)</b>			<b>\$ -</b>

**12 Phase Other Direct Costs:**

Reimbursable		\$ -
ODC Admin Fee	10.00%	\$ -
Non-Reimbursable		\$ -
Contract Labor		\$ -
<b>ODC SUBTOTAL</b>		<b>\$ -</b>

**13 Phase Subcontractor Fees:\***

Total Subcontractor Fee	\$0.00	
Sub Admin Fee (%)	10.00%	\$ -
<b>SUBCONTRACTOR SUBTOTAL</b>		<b>\$ -</b>

\* Reimbursable Subcontractor Fees captured under Sub Phase(s).

**14 Phase Budget Totals**

Phase Contracted Fee (without subs)		\$ -
Phase Budget (without subs)		\$ -
Difference	\$0.00	
Budget Factor (LS Goal: 90% or Less; Hourly 100%)		
Multiplier		
Budget Factor Note		

**15 Insurance Certificates**

(Status and location of required insurance certificates.)

**16a Senior VP Approval**

---

**16b Date**

---

**17a Chief Engineer Approval**

---

**17b Date**

---

**BURK-KLEINPETER INC.**  
**Sub-Consultant Phase Creation Form**

(form revised 07/01/2021)

**Submitted By:**   
**Original Date:**

**1 New / Revised**  (pull-down list) **Revised Date:**   
 (Yes indicates new phase, No indicates change in existing phase details)

**2 Project No.**

**3 Job Name**

**4 Phase No.**  (This is the BKI Project Phase related to this Sub Phase.)

**5 Sub Phase No.**  (This is a 4 digit ID :9500, 9501,9600,9700, etc, for this sub, only)

**6 Sub Phase Name**   
 (include name of sub-consultant in Phase Name)

**6a Sub Phase Project Manager**  (drop-down list)

	Project	This Phase
<b>7a Sub Start Date</b>	-	-
<b>7b Sub End Date</b>	-	-

**8 Sub Phase Type**  (pull-down list)

**9 Sub Fee**  (reimbursable; does not include admin %)

**10 Insurance Certf.**

**11a Senior VP Approval** \_\_\_\_\_

**11b Date** \_\_\_\_\_

**12a Chief Eng. Approval** \_\_\_\_\_

**12b Date** \_\_\_\_\_

**BURK-KLEINPETER INC.**  
**Pre-Design Meeting Report Data**  
 (form revised 07/01/2021)

Submitted By:   
 Date:

1 Meeting Date

2 Participants

3 Project Name

4 Client

5 Project No.

6 BKI Phases

Phase	PM / VP	Description
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

7 Project Managers    (1st name is primary PM)

8 Professional Staff

	Name	PM / VP	Project Responsibility
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-

9 Staffing Comments

10 Contract Type

11 Contract Comments

**12 BKI Budget by Phase\***  
(includes ODCs)

Phase	VP	Payment Type	Description	Amount
-	-	-	-	\$ -
-	-	-	-	\$ -
-	-	-	-	\$ -
-	-	-	-	\$ -
-	-	-	-	\$ -
-	-	-	-	\$ -
-	-	-	-	\$ -
-	-	-	-	\$ -
-	-	-	-	\$ -
-	-	-	-	\$ -
<b>TOTAL BKI PROJECT FEES</b>				<b>\$ -</b>

\* BKI Budget amounts without subs

**13 Budget Comments**

No comments

**14 Subcontractors**

Sub Phase	Project Phase	Firm	Services	Amount
-	-	-	-	\$0
-	-	-	-	\$0
-	-	-	-	\$0
-	-	-	-	\$0
-	-	-	-	\$0
-	-	-	-	\$0
-	-	-	-	\$0
-	-	-	-	\$0
-	-	-	-	\$0
-	-	-	-	\$0
<b>SUBCONTRACTOR TOTAL</b>				<b>\$0</b>

**15 Subcontract Comments**

No comments

**16 ODCs**

(included in BKI fees, above)

Phase	VP	Description	Amount
-	-	-	\$0
-	-	-	\$0
-	-	-	\$0
-	-	-	\$0
-	-	-	\$0
-	-	-	\$0
-	-	-	\$0
-	-	-	\$0
-	-	-	\$0
-	-	-	\$0
<b>ODC TOTAL</b>			<b>\$0</b>

**17 ODCs Comments**

No comments

**18 Total Compensation**

\$ - (Contract Fee: LS or Ceiling; All Phases)

**19 Schedule**

(A detailed schedule bar chart is required to show deadlines by task, and 30%, 60%, and 90% completion milestones. Attach with Pre-Design Report.)

**20 Schedule Comments**

No comments

**21 Design Criteria**

Describe any special Design Criteria which may be applicable to this project:  
Design Criteria...

**22 QA / QC Plan**

Describe staff skill levels required and assigned, the appointment of a Quality Manager for this project, appointment of peer reviewers, and the peer review process and schedule (including milestones):

QA / QC Plan...

**23 Business Development**

Describe the business development opportunities that should be anticipated during or at the conclusion of this project:

Business Development opportunities...

**24 Political Considerations**

Describe any political aspects that should be taken into consideration during or following this project:

Political Considerations...

**25a Projected Closeout Date**

- (anticipated date for future project closeout)

**25b Closeout Comments**

Closeout comments...

**26 Other Comments**

Describe any other considerations that were discussed at the Pre-Design Meeting:

Other comments...

**27 Data Concurrence**

Prepared by:  
Date of Report

-
-

**BURK-KLEINPETER INC.**  
**Marketing Project Data**

(form revised 07/01/2021)

Submitted By:   
 Date:

1 **Project Name**

2 **State Project Number**  (if applicable)

3 **Project Number**

4 **BKI Role (Prime / Sub)**  (select from drop-down)

5 **Project Location**  (where work to be performed)

6 **Est. Construction Cost**  (entire estimated Project level construction value)

7 **Construction Start / End Dates**  
**Actual / Estimated?**   (entire Project-level construction)  
  (select from list)

8 **Data Level**  (drop-down list) (default is Project)  
 (Indicate if this Marketing Data is at the Project or Phase level)

8b. **Phase No.**  (enter dash "-" if at Project level)

8c. **Phase Name**  (enter dash "-" if at Project level)

9 **BKI Key Personnel**

	BKI Staff Member	Role	Role Description
Primary PM	-	Project Manager	-
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-

**10 BKI General Description**  
(detailed description, 10 sentences)

BKI General Description....

**11 Standard Description**  
(general synopsis, 5 sentences)

Standard Description...

**12 Firm Responsibility**  
(one sentence describing BKI's role)

Firm Responsibility...

**13 Available Photos/Graphics:**

(select yes or no from drop-down)

**14 Photos/Graphics Comments**

-  
(include location of photo or graphic files)

**BURK-KLEINPETER INC.**  
**Pre-Design / Planning Meeting Report**  
(form revised 07/01/2021)

**Meeting**

**Meeting Date:** -

**Participants:** Names...

**Project and Phase Descriptions**

**Project Name:** Entity Contract for Cong Relief Winfield Road 4400027600

**Client:** Louisiana DOTD

**BKI Project No.:** -

**BKI Phases:**

Phase	VP	Description
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

**Project Description:** Standard Description...  
(Standard Description from Market Data)

**Scope (attachment):** See attached contract Scope of Work





**Business Development Opportunities**

Describe the business development opportunities that should be anticipated during or at the conclusion of this project:

Business Development opportunities...

**Political Considerations**

Describe any political aspects that should be taken into consideration during or following this project:

Political Considerations...

**Project Closeout**

Projected Date

Closeout Comments

**Other Comments and Considerations**

Other comments...

**Marketing Data (attachment)**

Attach a copy of the Market Data Report. Please note that the Pre-Design Meeting Report is based upon the Project as a whole, incorporating all Phases (using input from the Market Data sheet). Additional Market Data Reports may be submitted to Marketing to cover specialized work on individual Phases, but those shall be considered supplemental to the main Project-level Market Data Report.

**Project Highlight Sheet (attachment)**

Attach a preliminary version of a Project Highlight Sheet that incorporates the above data for the Project as a whole, and any graphics/photos that may be appropriate. Get with the Marketing Dept. in regard to preparation prior to the Pre-Design Meeting. Additional Project Highlight Sheets may be prepared for specialized work on individual Phases, but those supplemental Highlight Sheets will require additional Marketing Data.

**Project Concurrence**

Prepared by: -

Date of Report: -

**Concurrence:**

VP Signature: \_\_\_\_\_ (Project Manager)

VP Signature: \_\_\_\_\_ (Other VP)

**Approvals**

**Senior VP Approval** H. Picard \_\_\_\_\_  
Date \_\_\_\_\_

**Chief Eng. Approval** R. Chopin \_\_\_\_\_  
Date \_\_\_\_\_

**Finance Dept.** D. Vegh \_\_\_\_\_  
Date \_\_\_\_\_

**Attachments**

- 1 Scope of Work
- 2 Manhour & Budget Breakdown(project creation & phase forms)
- 3 Bar Chart Schedule
- 4 Marketing Data Report
- 5 Project Highlight Sheet (preliminary)

**Copies to:**

All meeting participants  
  
Bill, Mike, Debbie, Rene, Henry, Alaina, Kim Henry  
(Kim Henry to file PDF in Vision)

**BURK-KLEINPETER INC.**

**Marketing Data Report**

(form revised 07/01/2021)

This Marketing Data Report (at the Project Level) shall be attached to the Pre-Design Meeting Report and provided to BKI's Marketing Department in both PDF and Excel formats, for inclusion in the firm's Vision database, following completion of a Pre-Design Meeting / Report.

**BKI Project No.**

**Project Name:**

	<b>Level</b>	<b>Phase No.</b>	<b>Phase Name</b>
<b>Market Data Level</b>	Project	-	-

**BKI P No.**

**BKI O No.**

**State Project No.**

**Primary Client**

**Client Contact**

**Client Address**

**Client Telephone**  (client contact telephone number)

**Client Email**  (client contact email address)

**Parent Client**

**BKI Role:**

<b>Project Team</b> (Subconsultants)	<b>Sub Phase</b>	<b>Firm</b>	<b>Description</b>
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

**Project Location:**

**Total Compensation:**  (with subs)

Marketing Data Report

**Total BKI Fee:**  (without subs)

**Construction Cost:**

**Project Start Date**

**Project End Date**

**Construction Start**

**Construction End**

**Key BKI Staff**

	<b>BKI Staff Member</b>	<b>Role</b>	<b>Description of Involvement</b>
PM	-	Project Manager	-
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-

**Project Descriptions**

BKI General  
(10 sentences)

BKI General Description....
-----------------------------

Standard Description  
(5 sentences)

Standard Description...
-------------------------

Firm Responsibility  
(one sentence)

Firm Responsibility...
------------------------

**Photos / Graphics**  
(available?)

No	-
----	---

(If No, please get with the Marketing Dept. to arrange for photographs or graphics)

**Service Type:**

- 
- Construction Management w/ Inspection
- Design Only
- Design w/ Construction Management
- Design w/ Inspection and Construction Management
- Feasibility Study / Planning (no design services)
- Feasibility Study / Planning (with Engineering Services)
- Inspection Only
- Other
- Program Management

**Type of Project - Architectural:**

-
ARC-Architectural Design
ARC-Architectural Renovations

**Type of Project - Engineering:**

-
BKI-General
ENG-Airport Design
ENG-Bridge Design
ENG-Bridge Inspection
ENG-Bridge Replacement
ENG-Building HVAC Design
ENG-Coastal Restoration
ENG-Construction Management
ENG-Correctional Facility Design
ENG-Drainage Master Planning
ENG-Drainage Pump Station Design
ENG-Drainage System Design
ENG-Electrical
ENG-Engineering - <b>General / Misc</b>
ENG-Floodwall and Levee Design
ENG-Highway Design
ENG-Hydraulic Analysis
ENG-Line & Grade Studies
ENG-Railroad Design/Analysis
ENG-Sewage Pumping Station Design
ENG-Sewerage System Design
ENG-Site Development Design
ENG-Solid Waste Facility Design
ENG-Street Design
ENG-Structural Design
ENG-Traffic Signal Design
ENG-Wastewater Treatment
ENG-Water System Design
ENG-Water System Master Plan
ENG-Water Treatment
ENG-Wharf and Port Design
ENV-Environmental-General
GIS-GIS General

**Type of Project - Planning:**

-
PLN-Bicycle and Pedestrian
PLN-CE, EA & EIS
PLN-Comprehensive Plans
PLN-Environmental Planning
PLN-Facility Studies and Planning
PLN-Grants
PLN-Land Use
PLN-Landscape Architecture and Urban Design
PLN-Marina, Boat Launch and Waterfront Planning
PLN-Park and Recreation
PLN-Parking
PLN-Planning - General
PLN-Port & Industrial
PLN-Public Participation Programs
PLN-Public Transit
PLN-Railroad
PLN-Regulatory Permits
PLN-Stage 0 & Feasibility Studies
PLN-Traffic Impact Studies
PLN-Traffic Operations
PLN-Transportation Corridor Studies
PLN-Transportation System Plans

**Phase Type:**

-
BR (Billing Rate Table) - NTE
BR (Billing Rate Table) - No Ceiling
C+ (Cost + OH + Profit)
C+ NTE & FF (Cost + OH + Fixed Fee w/ NTE)
C+ NTE (Cost + OH + Profit w/ NTE)
LS (Lump Sum)
N/A

**Contract Type**

-
As-Needed Master Agreement (No Fees)
Purchase Order
Standard Agreement
Selection Resolution
Task Order Under Master Agreement (As Needed)

**Project Role**

- 
- Architect
- CADD
- Clerical
- Engineer
- Engineer Intern
- Environmental Scientist
- Inspector
- Planner
- Principal

Project Manager  
Supervisor

**Contract Payment Type**

-  
Hourly  
Lump Sum  
Other

**BKI Offices**

-  
NO - New Orleans  
SH - Shreveport  
TU - Tuscaloosa

**Overhead Percentages**

2018			
Firm (Default)	185.00%	per MDC	} < Use only
DOTs - Home	182.69%	(3yr avg)	
DOTs - Field	110.86%	(3yr avg)	
DOTs - Combined	174.43%	(3yr avg)	
DOTs - Unitary	174.94%	(3yr avg)	

**Project Managers**

-  
Boyd, D.  
Chopin III, R.  
Chopin, M.  
Matherne, N.  
Picard, H.  
Randolph, C.  
Soll, Ellen  
Taylor, M.  
Williams, C.

**Appendix C**  
**Consultant Project Bridge Design Kick-Off Meeting Agenda Checklist**

A kick-off meeting with the Consultant's bridge design team shall be initiated by the LADOTD Bridge Design Task Manager once the project is awarded. The meeting agenda shall include, but not limited to, the following items:

- \_\_\_ Introduce LADOTD Bridge Task Manager and the Consultant's Key Team Members (The Supervisor or Team Leader and Key Designers/Design Checkers/Reviewers)
  
- \_\_\_ Discuss Consultant's Staffing Plan and Implementation of QC/QA Plan Document (The staffing plan should include names and responsibilities of the designers, detailers, checkers, reviewers, and the EOR.)
  
- \_\_\_ Determine Schedules for Project Submittals (Design Criteria, TS & L, 30%, 60%, 90%, 95%, 100% of Preliminary Plans and Final Plans, Final Calculations, etc.)
  
- \_\_\_ Share Expectations and Consultant Rating Criteria (Consultant rating will be performed for all project submittals shown on the project submittal schedule.)
  
- \_\_\_ Discuss Design Criteria
  
- \_\_\_ Discuss Budget, Supplemental Requests, Invoices, and Importance of Avoiding Claims (Staff shown on invoices will be reviewed in accordance with the staffing plan.)

## **Appendix D**

### **Design Criteria Checklist**

Design criteria for each project shall include, but not limited to, the following sections:

— **Cover sheet**

The following information must be included on the cover sheet:

- LADOTD project number
- Project name
- Revision date
- The Supervisor or Team Leader's signature and date

— **Governing Design and Construction Specifications and Other References**

A list of governing design and construction specifications and other references used for the project shall be included in this section. The edition number, interim revisions, and/or publication date must be specified for each reference.

— **Design Assumptions and Design Exceptions**

All design assumptions and design exceptions received must be included in this section along with supporting documents.

— **General Information**

The general information as listed below should be included in this section:

- Bridge information (no. of bridges, bridge clear width, length, no. of lanes, lane width, shoulder width, etc.)
- Road information (roadway classifications, design speed, traffic data, etc.)
- Vertical datum
- Vertical and horizontal clearances
- Other relevant information

— **Hydraulic Design Criteria**

All hydraulic design criteria (design year, design water elevations, scour depth and scour elevation, etc.) shall be included in this section and the information shall be provided by the Hydraulic Engineer.

— **Design Factors**

The ductility factor  $\eta_D$ , redundancy factor  $\eta_R$ , and operational importance factor  $\eta_I$  shall be listed in this section.

- **Design Loads**  
All design loads (dead load, live load, wind load, thermal loads, vessel collision loads, seismic load, wave loads, etc.) used for the project shall be included in this section.
- **Limit States**  
All applicable limit states for this project shall be listed in this section.
- **Bridge Barrier**  
The design criteria, types, and test levels for bridge barriers shall be listed in this section. Standard plans and special details should be listed if they are utilized.
- **Guardrail**  
The design criteria, types, and test levels for guardrails shall be listed in this section. Standard plans and special details should be listed if they are utilized.
- **Approach Slab**  
Design criteria for approach slab shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Deck and Deck Drainage**  
All design criteria for deck and deck drainage design shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Bearing**  
All bearing types and design criteria for each bearing type shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Joint**  
All joint types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Superstructure**  
All superstructure types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Substructure**  
All substructure types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Piles and Drilled Shafts**  
All pile types, sizes, and structural design criteria shall be included in this section. Standard plans and special details should be listed if they are utilized.

— **Geotechnical Design**

All geotechnical design criteria shall be included in this section and the information shall be provided by the Geotechnical Engineer. Standard plans and special details should be listed if they are utilized.

— **Mechanical Design**

All mechanical design criteria shall be included in this section if applicable. Standard plans and special details should be listed if they are utilized.

— **Electrical/Lighting Design**

All electrical design criteria shall be included in this section if applicable. Standard plans and special details should be listed if they are utilized.

— **As-Designed Bridge Rating Criteria**

All as-designed bridge rating criteria shall be included in this section.

— **Software**

All software used for design and check shall be included in this section.

**Legend:**

<b>Bold</b>	New for Final Plan Set
Yellow	Required for this Submittal
Grey	Drawing Created
Orange	Ready for Q/C
Light Blue	Included In Submittal (Info Only, not QC'd)
Green	Complete (QC'd)

This list of deliverables will be tailored for each SP No. once scope is finalized.

**Status of Drawings & Other Deliverables for \_\_\_\_\_ Plans ( \_\_\_ % Submittal)**

Sheet No.	Sheet Title	Drawing (*.dgn)	Designer	Design Checker	Detailer	Detail Checker	Remarks	Due @ Submittal(s)
<b>ROADWAY PLANS</b>								
1	Title Sheet and Layout Map	001_TITLE						
1a	Index							
1b	Project Layout							
2	Typical Roadway Sections							
3	Summary of Estimated Quantities Sheets <b>Quantity Summary Tables</b>							
<b>PLAN-PROFILE</b>								
4	Plan-Profile							
	Reference Points and Bench Mark Elevation							
<b>DRAINAGE</b>								
	Existing Drainage Map							
	Design Drainage Map							
	Summary of Drainage Structures							
<b>SPECIAL DETAILS</b>								
	TBD							
<b>GEOMETRICS</b>								
	Geometric Control Layout							
	Geometric Control Tables							
	Curve Data							
	Geometric Layout							
	Geometric Details							
<b>MISCELLANEOUS ROADWAY PLANS</b>								
	<b>Pavement Marking Layout</b>							
	Sugg. Seq. Const. & Min. Sign							
	<b>Detour Route</b>							
	<b>Signal Plans</b>							
	<b>Existing Sign Layout</b>							
	Permanent Sign Layout							
	<b>Sign Summary</b>							
	<b>Misc. Sign Details</b>		DOTD					
	Temporary Erosion Control							
<b>LIGHTING PLANS</b>								
	<b>Lighting Plans</b>							
<b>MISCELLANEOUS SHEETS</b>								
	Right-of-Way Limits							
<b>RIGHT-OF-WAY MAPS</b>								
	<b>Right-of-Way Maps</b>							
<b>BRIDGE PLANS</b>								
	Bridge Index							
	Bridge General Notes							
	Bridge Quantities							
	General Bridge Plan							

**Legend:**

<b>Bold</b>	New for Final Plan Set
Yellow	Required for this Submittal
Grey	Drawing Created
Orange	Ready for Q/C
Light Blue	Included In Submittal (Info Only, not QC'd)
Green	Complete (QC'd)

**This list of deliverables will be tallored for each SP No. once scope is finalized.**

**Status of Drawings & Other Deliverables for \_\_\_\_\_ Plans ( \_\_\_ % Submittal)**

Sheet No.	Sheet Title	Drawing (*.dgn)	Designer	Design Checker	Detailer	Detail Checker	Remarks	Due @ Submittal(s)
	Typical Bridge Sections							
	Superelevation Diagram							
	Foundation Layout							
	<b>Pile Data</b>							
	<b>Bent Details</b>							
	<b>Crash Wall Details</b>							
	Framing Plan							
	<b>Girder Details</b>							
	<b>Deck Details</b>							
	<b>Joint Details</b>							
	<b>Bearing Details</b>							
	<b>Approach Slab Details</b>							
	<b>Guardrail Details</b>							
	<b>Bridge Railing Details</b>							
	<b>Bridge Drainage Details</b>							
	<b>MISCELLANEOUS BRIDGE PLANS</b>							
	Misc. Details							
	Special Details		DOTD					
	<b>Standard Plans</b>							
	Standard Plans		DOTD					
	<b>CROSS SECTIONS</b>							
	Cross Sections							
	<b>OTHER DELIVERABLES</b>							
	Design Criteria							
	Drainage Calculations							
	Cost Estimate							
	Bridge Alternate Study							
	<b>Special Provisions</b>							
	<b>As-Designed Bridge Ratings</b>							
	<b>Final Bridge Calculations</b>							

We, the undersigned designers, design checkers, detailers, and detail checkers for this project, have reviewed and accepted the drawings and deliverables denoted as complete. Other drawings and deliverables are in progress as indicated above for this submittal. We certify that the work for which we are responsible has been completed in accordance with the LADOTD Bridge Design Section policy on QC/QA.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## **Appendix F**

### **Final Calculation Book Checklist**

The final calculation book for each project shall include, but not limited to, the following sections:

- \_\_\_ **Cover Sheet**  
The following information must be included on the cover sheet:
  - LADOTD project number
  - Project name
  - The title of “Final Calculation Book”
  - The EOR’s seal with signature and date
- \_\_\_ **Final Calculation Book Check List**
- \_\_\_ **QC/QA Certifications**
- \_\_\_ **Peer Review Resolution Agreement (if peer review is performed)**
- \_\_\_ **Design Criteria**
- \_\_\_ **Final Hydraulic Analysis Report from Hydraulic Engineer**
- \_\_\_ **Final Geotechnical Analysis Report from Geotechnical Engineer**
- \_\_\_ **Superstructure Design Calculations**
- \_\_\_ **Substructure Design Calculations**
- \_\_\_ **Quantity Calculations**
- \_\_\_ **Special Provisions/NS-Items**
- \_\_\_ **Construction Cost Estimate**
- \_\_\_ **As-Designed Rating Report**
- \_\_\_ **List of All Final Electronic Design Files and File Locations (ProjectWise directory name)**

Consultants shall submit the final calculation book to LADOTD bridge task managers; the submittal shall be on a CD or Flash Drive or placed to a designated ProjectWise folder including the following information:

- \_\_\_ **A PDF File of the Calculation Book**
- \_\_\_ **All Electronic Design Files**
- \_\_\_ **A PDF File of the As-Designed Rating Report Only**

## Appendix G

### COLOR-CODED MARKING PROCEDURES

For the “Detail Checking” of documents, the following color-coded marking procedure shall be used if the review / check document is used to document the procedure (i.e., the work product is marked up):

1. Correct information shall be highlighted in yellow to signify that the information has been subjected to review / check and is found to be correct.
2. Checker shall mark incorrect information in red for literal correction by the author (designer / detailer). Suggestions, comments, and notes shall be written in clouded red.
3. Marked-up information shall be back-checked by the author and check-marked in green if he/she agrees.
4. Marked-up information about which the author disagrees with the reviewer / checker shall be resolved through discussion. If they are unable to reach an agreement, the Project Manager shall decide upon the resolution. Significant Issue resolution that cannot be resolved at this level will be resolved by the BKI Chief Engineer or his Designee (as applicable).
5. All marked-up and agreed upon / resolved information shall be corrected / incorporated into the original document by the author. After applying a procedure of self-checking, the detailer shall signify that the correction is complete by highlighting the marked-up information in yellow on the review / checking document and shall initial and date each sheet.
6. The corrections subsequently shall be verified by the author. He/she shall signify the proper correction by highlighting the marked-up information in blue over the yellow on the review / checking document and shall initial and date each sheet. The resultant color will be green.

COLOR - CODED MARKING PROCEDURES									
Step	Description	Checker	Designer	Detailer	Initial & Date	Color	Signifies Information Is:		
							Correct	Incorrect	Comment
1	Review	X				Yellow	X		
2		X				Red		X	
2		X				Red Cloud			X
3	Back -		X			Green "checkmark"			Agrees
3	Check		X			Green "X"			Disagrees
4	Finalize		X		Yes				Resolve Disagreements
5	CADD			X	Yes	Yellow	X		
6	<b>Verification</b>		X		Yes	Blue over Yellow = Green			

**Appendix H**  
**QA Information Package Checklist**

Contract No.: 4400027600

Project Description: Entity Contract for Cong Relief Winfield Road

- \_\_\_\_\_ Calculation Book
  
- \_\_\_\_\_ Plans
  
- \_\_\_\_\_ Special Provisions
  
- \_\_\_\_\_ Cost Estimate
  
- \_\_\_\_\_ Other Documents \_\_\_\_\_

**Appendix I**  
**QC/QA Certification**

Contract No.: 4400027600

Project Name: Entity Contract for Cong Relief Winfield Road

We, the undersigned designers, detailers, checkers, and reviewers for this project, have reviewed and accepted the calculations, plans, quantities, special provisions, and cost estimate prepared for the project. We certify that the work for which we are responsible has been completed in accordance with the LADOTD Bridge Design Section policy on QC/QA.

Team Members	Name	PE Registration No.	Responsible Plan Sheets	Responsible Special Provisions	Construction Cost Estimate	Signature
Designers						
Design Checkers						
Detailers						
Detail Checkers						
Reviewers						
Peer Reviewer						
Geotechnical Engineer						
Hydraulic Engineer						
EOR						

**Contract No. 4400027600**  
**QC/QA Certification of the Status of Bridge Design Calculations**

Updated: 1/26/2023

 = Progress  
 = Complete

<b>__% ____ Plans Submittal</b>
---------------------------------

	Designer	Design Checker	Comments		Remarks
			Y/N	Resolved Y/N	
Deck Designs:					
Slab Span Designs:					
Girder Designs:					
Bearing Designs:					
Bent Designs:					
End Bent Designs:					
Pile Bent Designs:					
Approach Slab Designs:					

We, the undersigned designers and design checkers for this project, have reviewed and accepted the calculations denoted as complete. Other calculations and reviews are in progress as indicated above for this submittal. We certify that the work for which we are responsible has been completed in accordance with the LADOTD Bridge Design Section policy on QC/QA.

\_\_\_\_\_  
  
\_\_\_\_\_

\_\_\_\_\_  
  
\_\_\_\_\_

**Appendix J**  
**Peer Review Resolution Agreement**

Project No: 4400027600

Project Name: Entity Contract for Cong Relief Winfield Road

We, the undersigned Peer Reviewer, Supervisor or Team Leader of the design team, and LADOTD Representative for this project, have reviewed and accepted the attached peer review resolutions. We certify that the peer review has been performed in accordance with the LADOTD Bridge Design Section policy on QC/QA.

<b>Team Members</b>	<b>Name</b>	<b>Signature</b>
Peer Reviewer		
Supervisor or Team Leader		
LADOTD Representative		

**Appendix K**  
**SOFTWARE APPROVAL**

Contract Number: 4400027600

Project Name: Entity Contract for Cong Relief Winfield Road

Note: Certification from the software developer must be attached stating that the software is maintained in accordance with the latest AASHTO LRFD Bridge Design Specifications. This completed form and the certification is to be submitted by the PM to the LADOTD Bridge Task Manager for approval.

---

Software Name:

---

Version Number:

---

Software Developer:

---

General Description of Software Functions:

---

Designer's Experience with the Software:

---

Other Organizations or Agencies Experience with the Software:

---

This Section to be completed by the LADOTD Bridge Task Manager

APPROVED

REJECTED

Comments:

---

BKI PM

Date

---

LADOTD Bridge Task Manager

Date

**Appendix L**  
**SOFTWARE VERIFICATION**

Contract Number: 4400027600

Project Name: Entity Contract for Cong Relief Winfield Road

Note: The Design Office is responsible for securing this form and having it filled out by responsible parties for each different computer program used in the design computations (including customized Excel Spreadsheets). The Designer shall sign & date this form and transmit it to the PM.

---

Computer Program Name:

---

Version Number:  In-House  Outside Project-Specific

---

Principal Use:

---

Limitations:

---

Description of Program Modifications:

---

Operating Systems Used for Program Verification:

---

Location of Verification Documentation:

---

Prepared by: \_\_\_\_\_ Date: \_\_\_\_\_

Checked by: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

---

\_\_\_\_\_  
Designer                      Date                      Project Manager                      Date

**ROAD DESIGN 100% PRELIMINARY PLANS QA/QC**



Contract No. 4400027600 Route No. \_\_\_\_\_  
 Entity Contract for Cong Relief  
 Name: Winfield Road Parishes Bossier

**General Directions:**

Designer should go through this QA/QC process prior to submitting to a reviewer, attach all previous checklists for reviewer, and sign. The designer should also provide the location for the plan set being reviewed.

Reviewer should

1. Review Plan-in-Hand checklist, have all comments been addressed?
2. Review Constructability / Biddability checklist, have all comments been addressed?
3. Review Location and Survey Checklist.
4. Sign this checklist upon completion. While completing this process, it is recommended that the reviewer use a highlighter and a red pen to mark major items on plans (this includes all table information including the math). These documents should also be attached to this document and kept as part of the design calculations for the project.

Description	Designer	Reviewer	N/A
<b>TITLE SHEET</b>			
The project name on the title and plan sheets matches the name in the Project System.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Project Length Table is accurate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The CS Log Miles are accurate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The arrows on the Layout Map are pointing to the correct location.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The beginning, ending, equation and other event callouts match the same callouts on the plan sheets.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The north arrow is shown on the Layout Map.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The scale for the Layout Map is labeled correctly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>TYPICAL SECTION SHEETS</b>			
The typical section matches the design provided by Section 67.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The projects limits are covered by the typical sections.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Superelevation diagrams and/or tables have been provided.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All measurements, thicknesses, and slope rates have been labeled and checked.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>PLAN-AND-PROFILE SHEETS</b>			
All of the alignment information is shown and has been checked for accuracy. (including horizontal and vertical curve data)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Sight distance has been checked including for vertical and horizontal curves as well as intersections. Also consideration has been given to any driveway or intersection at bridge ends.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Superelevation transition and rates are shown in the profile.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Median openings are in compliance with appropriate policies and EDSM's.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design exceptions that are required have been completed and documented in the plans.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design exceptions can be located in the project files.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utilities were considered when setting Required Right-of-Way.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The North Arrow is shown with the proper scale.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All right-of-way ties are shown, at all right-of-way breaks, and along curves as appropriate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of-way markers are shown at all breaks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limits of construction is shown and located within required right-of-way or construction servitude.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Taking lines do not extend beyond the project limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Driveways, sidewalks, turnouts, etc. within right-of-way (either existing or required) are shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All concrete/asphalt removal is shown with appropriate patterns, including driveways, sidewalks, parking lots, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>CROSS SECTIONS</b>			
Right-of-way and construction servitude lines are shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diversions are shown as appropriate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diversions do not interfere with proposed construction sequence.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earthwork quantities are shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proposed sections do not extend beyond Required Right-of-Way.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Designer: \_\_\_\_\_

Date: \_\_\_\_\_

Reviewer: \_\_\_\_\_

Date: \_\_\_\_\_



**Contract No.** 4400027600 **Route No.** \_\_\_\_\_  
**Name:** Entity Contract for Cong Relief Winfield Road **Parishes** Bossier

**General Directions:**

Designer should go through this QA/QC process prior to submitting to a reviewer, attach all previous checklists for reviewer, and sign. The designer should also provide the location for the plan set being reviewed.

Reviewer should

1. Review Plan-in-Hand checklist, have all comments been addressed?
2. Review ACP checklist, have all comments been addressed?
3. Review Constructability / Biddability checklist, have all comments been addressed?
4. Sign this checklist upon completion. While completing this process, it is recommended that the reviewer use a highlighter and a red pen to mark major items on plans (this includes all table information including the math). These documents should also be attached to this document and kept as part of the design calculations for the project.

Description	Designer	Reviewer	N/A
<b>TITLE SHEET</b>			
The sheet count is correct.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The latest versions of Standard Plans are used.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The type of construction is correct.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The projects limits, bridge sites, equations and exceptions are shown on the layout map. It matches the length in the project table.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design exceptions (if any) are shown on title sheet and can be located in ProjectWise.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>TYPICAL SECTION SHEETS</b>			
All station ranges are accounted for. They match limits shown on Title Sheet and Plan/Profile sheets.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternate pavements (if required) are provided.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The limits of seeding and fertilizer are shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Typical sections are provided for transitions and detour roads. Appropriate pay items are included.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Maintenance/liability agreement (if needed) has been completed for sidewalks, lighting or bike paths, and it can be located.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Description</b>	<b>Designer</b>	<b>Reviewer</b>	<b>N/A</b>
<b>SUMMARY SHEETS</b>			
Detailed check of all quantity tabulations (addition and multiplication) has been completed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Detailed check of tables matching the plans (typical sections, plan/profiles, cross sections, etc.) has been completed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Detailed check of quantity transfers from tables to Master Summary has been completed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quantities from all disciplines are accounted for (i.e. road, bridge, traffic signals, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>PLAN-AND-PROFILE SHEETS</b>			
Check all notes; verify how all work items will be paid.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Question notes that modify specifications.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The rights-of- way widths are shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right-of way markers are shown at all breaks in right-of way and all P.C.'s and P.T.'s. Right of entry agreements has been obtained, if needed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Areas where abandoned roadways are to be obliterated and graded have been shown on the plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Locations, sizes and descriptions of drainage structures to be removed are shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Required construction and drainage servitudes have been shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bedding material has been shown under cross drains.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Driveway types, widths and stations are shown. Handicap ramp types and items are shown. They match tables.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limits of construction are shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There is a note stating existing drainage structures will be removed unless otherwise noted (Urban). There is a table showing amounts of each size pipe to be removed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The diversion alignment is shown, if required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>DESIGN DRAINAGE MAP</b>			
All drainage areas, direction of flow, run-off factors etc. are shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Channel realignments (as needed) have been shown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Existing structures required to remain are noted and numbered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>GEOMETRIC DETAILS</b>			



Plan/profile sheets have been provided for turnouts where necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plan/profile sheets have been provided for diversion roads.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geometric detail sheets include areas and quantities for each turnout.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Description</b>	<b>Designer</b>	<b>Reviewer</b>	<b>N/A</b>
<b>SEQUENCE OF CONSTRUCTION</b>			
The sequence of construction matches the proposed joint layout.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporary drainage structures are provided during construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sequence typical sections have been provided, if necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Verify that provided lane widths are appropriate and available.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vertical transitions from existing to new pavement are adequate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporary pedestrian accommodations are provided per TTCs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>GENERAL</b>			
Saw cutting is shown where needed and paid for appropriately. (driveways, pavement cuts, patching, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Salvageable material is shown as well as where to haul it to.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental mitigation items are included in the plans as necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>CROSS SECTIONS</b>			
Cross sections reflect the grading section.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cross sections reflect the "Req'd Right of Way/Servitude".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cross sections reflect the embankment widening for guard rail.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The grading section is distinguishable from the existing ground line.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cross sections reflect cut/fill sections that match the grade shown on the plan/profile sheets.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The diversion is shown on the cross sections.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Designer: \_\_\_\_\_

Date: \_\_\_\_\_

Reviewer: \_\_\_\_\_

Date: \_\_\_\_\_

22. Sub-consultant information:

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
NTB Associates, Inc.	525 Louisiana Ave. Shreveport, LA 71101	Bryan T. Bunch, PLS <a href="mailto:bbunch@ntbainc.com">bbunch@ntbainc.com</a>	(225) 751-4002
Dave Rambaran Geosciences, LLC	9053 Mansfield Road, Suite A Shreveport, LA 71118	Dave Rambaran <a href="mailto:daverambaran@drgeosciences.com">daverambaran@drgeosciences.com</a>	(318) 780-8292
KSA Engineers , Inc.	1111 Hawn Avenue, Shreveport, LA 711076	Robert F. Vinet, PE, <a href="mailto:rvinet@ksaeng.com">rvinet@ksaeng.com</a>	(318) 221-7501
HDR Engineering, Inc.	1 Galleria Blvd., Suite 1920 Metairie, LA 70001	Wesley Jacobs, PE <a href="mailto:wesley.jacobs@hdrinc.com">wesley.jacobs@hdrinc.com</a>	(225) 465-6361
Volkert, Inc.	9448 Brookline Ave, Baton Rouge, Louisiana 70809	Jan Evans, PE <a href="mailto:jan.evans@volkert.com">jan.evans@volkert.com</a>	(225) 218-9440

23. Location: If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.