

Submitted To:
Louisiana Department of
Transportation and Development



Qualifications Statement

IDIQ Contracts for Roadway Design Services, Statewide

Contract Nos. 4400035043 and 4400035044



Submitted By:



4545 Sherwood Common Boulevard, Building 3, Suite A | Baton Rouge, LA 70816



4545 Sherwood Common Boulevard
Bldg., 3, Suite A
Baton Rouge, LA 70816

T 225.372.1328
www.TRCompanies.com

May 5, 2026

Louisiana Department of Transportation and Development
Attn.: Project Evaluation Team (PET)
Consultant Contract Services
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802-4438

Re: Professional Engineering and Related Services
Contract Nos.: 4400035043 and 4400035044
IDIQ Contracts for Roadway Design Services, Statewide

Dear Project Evaluation Team Members,

TRC Engineers, Inc. (TRC), in association with several respected and highly qualified consultant partners, is pleased to submit our *Qualifications Statement* on DOTD Form 24-102 for consideration of providing the needed engineering and related services for the above-referenced contracts. Highlights of our qualifications to deliver all work under a contract of this nature to the complete satisfaction of the LADOTD include the following:

- Accomplished **Project Manager with 42 years of experience** involving the planning, design, inspection, and construction of bridges, roadways, tunnels, railroad facilities, and other associated structures. As Project Manager and Engineer-of-Record on multiple LADOTD assignments, he has directed large interdisciplinary teams under extremely aggressive schedules, advanced projects through delivery methods such as design-build and CMAR (Construction Manager at Risk), and coordinated with contractors, stakeholders, and regulatory agencies to keep projects on schedule and within budget. He has **managed several IDIQ and retainer contracts for the LADOTD** and is very familiar with managing the delivery of multiple concurrent assignments. He is a **21-year veteran of TRC**.
- **Well-staffed Baton Rouge office** that has successfully delivered challenging and complex projects for the LADOTD over the past 21 years, including concurrent task orders assigned under IDIQ and Retainer Contracts. Our Baton Rouge staff are further supported by the resources and technical expertise of not only our national technical staff but with **multiple respected subconsultant partners** offering the experience, technical expertise, and staffing to facilitate our ability to **accommodate at least six (6) active task orders concurrently**.
- In-depth experience with the LADOTD's policies, procedures and expectations for this contract having **served as a prime consultant on past IDIQ Contracts**. Thus, we require no learning curve for delivering the expected work as demonstrated in our Approach and Methodology described herein.

TRC is highly appreciative of your review and consideration of our team's credentials and looks forward to your decision.

Sincerely,

A handwritten signature in blue ink that reads "Durk H. Krone".

Durk H. Krone, P.E.
Vice President, Area Manager SE Infrastructure

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES



(Revised August 11, 2025)

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 24 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	IDIQ Contracts for Roadway Design Services
2. Contract Number(s) as shown in the advertisement	4400035043 and 4400035044
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	TRC Engineers, Inc. (screenshot included in Section 20)
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 # EF.0003249
6. Prime consultant mailing address	4545 Sherwood Common Blvd., Building 3, Suite A Baton Rouge, LA 70816
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	See Item 6 above
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Durk Krone, PE, Vice President (225) 229-2968 e-mail: dkrone@trccompanies.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Durk Krone, PE, Vice President (225) 229-2968 e-mail: dkrone@trccompanies.com

Prime consultant should enter firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

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:

May 5, 2026
Date:

Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.

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):
N/A

Firm(s)' %:
N/A

12. Discipline Table:

Discipline(s)	% of Overall Contract	TRC	WSP USA	Gresham Smith	NTBA	McKim & Creed	Each Discipline must total to 100%
Road	75%	80	10	--	--	10	100%
Traffic	15%	2	22	76	--	--	100%
Survey	10%	--	--	--	100	--	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	60	11	11	10	8	100%

13. Team Size:

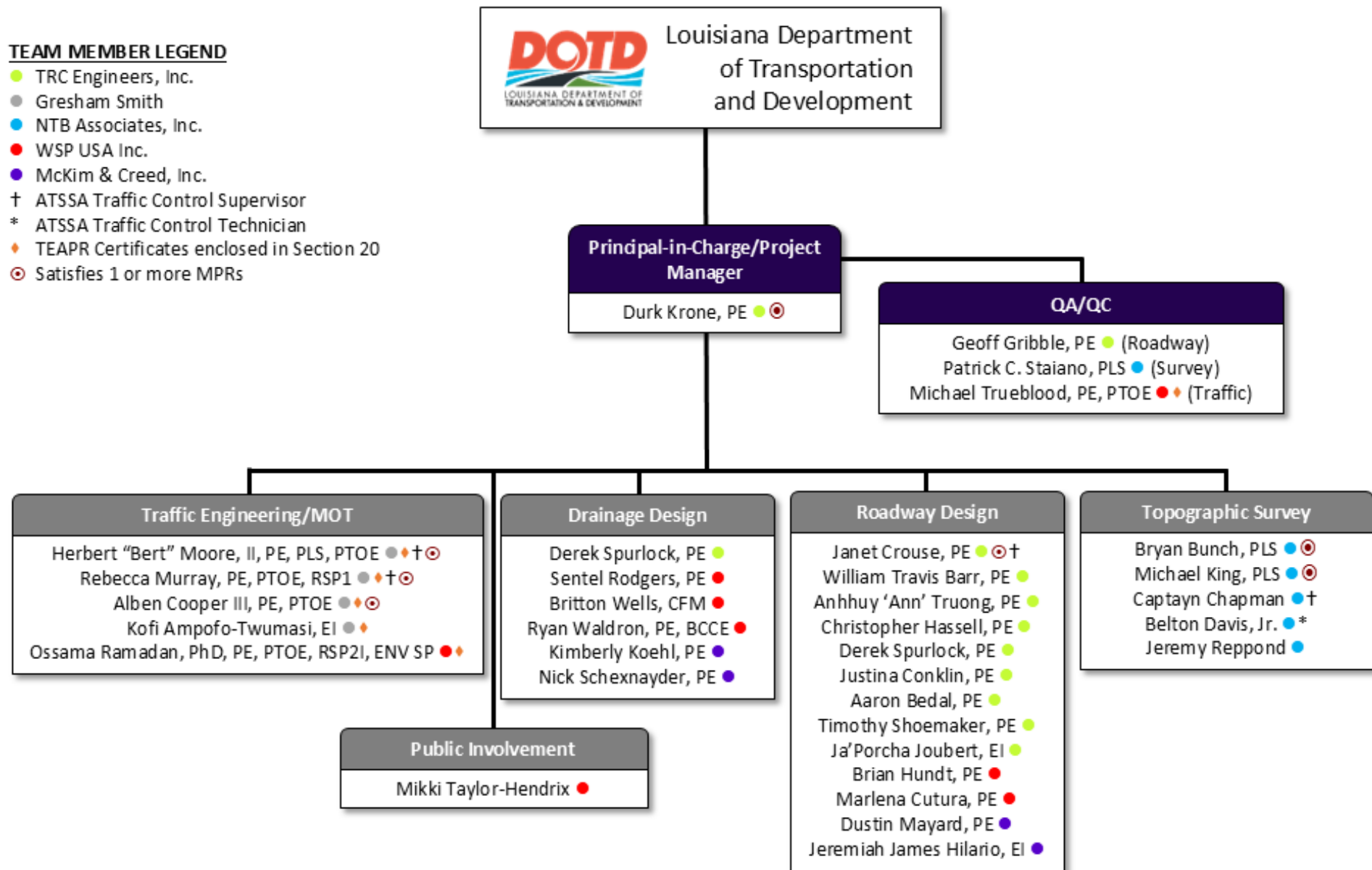
Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
TRC Engineers, Inc.	Principal	1	3
	Supervisor - Eng	3	9
	Supervisor - Other	1	1
	Engineer	5	21
	CADD Technician	4	7
	Administrative	1	4
	Engineer - Other	6	34
	Environmental Pro	2	62
Gresham Smith	Clerical	1	1
	Engineer	2	4
	Engineer Intern	2	4
	Principal	1	1
	Senior Technician	2	4
	Supervisor - Eng	2	4
NTB Associates, Inc.	Principal	1	1
	Engineer	0	0
	Engineer Intern	0	0
	Surveyor	4	6
	Supervisor - Other	1	5
	Senior Technician	0	1
	CADD Technician	1	10
	Technician	1	2
	CADD Drafter	1	8
	Party Chief	4	20
	Instrument Man	4	12
	Rodman	4	12
WSP USA Inc.	Engineer	6	25
	Engineer - Other	2	20
	Professional	2	10

Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
McKim & Creed, Inc.	Engineer	3	64
	CADD Technician	2	8
	Inspector - Certified	1	1
	Inspector	1	3
	Principal	1	21
	Engineer Intern	2	36

14. Organizational Chart:

TEAM MEMBER LEGEND

- TRC Engineers, Inc.
- Gresham Smith
- NTB Associates, Inc.
- WSP USA Inc.
- McKim & Creed, Inc.
- † ATSSA Traffic Control Supervisor
- * ATSSA Traffic Control Technician
- ◆ TEAPR Certificates enclosed in Section 20
- ⊕ Satisfies 1 or more MPRs



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of licen se	License / certification expiration date
1	Durk Krone	TRC Engineers, Inc.	#PE.0031955 - Civil	LA	03-31-2028
2	Durk Krone	TRC Engineers, Inc.	#PE.0031955 - Civil	LA	03-31-2028
3	Janet Crouse	TRC Engineers, Inc.	#PE.0040798 - Civil	LA	09-30-2026
4	Michael J. King	NTB Associates, Inc.	#PLS.0005127 - Survey	LA	09-30-2027
4	Bryan T. Bunch	NTB Associates, Inc.	#PLS.0005014 - Survey	LA	03-31-2028
5	Herbert “Bert” Moore II	Gresham Smith	#PE.0031065 - Civil PTOE #2728	LA N/A	09-30-2026 (PE) 09-30-2027 (PTOE)
5	Rebecca L. Murray	Gresham Smith	#PE.0043788 - Civil PTOE #4861	LA N/A	03-31-2028 (PE) 03-26-2029 (PTOE)
5	Alben Cooper, III	Gresham Smith	#PE.0036291 - Civil PTOE #3206	LA N/A	09-30-2027 (PE) 05-02-2027 (PTOE)

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.		
Name	Durk Krone, P.E.		Years of experience with this employer	21
Title	Vice President/Sr. Project Manager		Years of experience with other employer(s)	21
Degree(s) / Years / Specialization		M.S. / 1984 / Civil Engineering B.S. / 1982 / Civil Engineering		
Active registration number / state / expiration date		#PE.0031955 / LA / 03-31-2028		
Year registered	2005	Discipline	Civil Engineering Other Pertinent Training / Certifications LADOTD Maintenance & Rehabilitation of Historic Bridges Training Course, 2016 FHWA-NHI-130055 - Safety Inspection of In-Service Bridges, 5/1999 FHWA-NHI-130053 – Bridge Inspection Refresher Training, 10/2021 FHWA-NHI-130078 – Fracture Critical Inspection Techniques for Steel Bridges, 8/2007 FHWA-NHI-130092 – Fundamentals of LRFR, 2015	
Contract role(s) / brief description of responsibilities		Project Principal/Project Manager (Satisfies MPRs #1, #2) Durk brings 42 years of experience involving the planning, design, inspection, and construction of bridges, roadways, tunnels, railroad facilities, and other associated structures. As Project Manager and Engineer-of-Record on multiple LADOTD assignments, he has directed large interdisciplinary teams under extremely aggressive schedules, advanced projects through delivery methods such as design-build and CMAR (Construction Manager at Risk), and coordinated with contractors, stakeholders, and regulatory agencies to keep projects on schedule and within budget. He has managed several IDIQ and retainer contracts with the LADOTD and is very familiar with managing the delivery of multiple concurrent assignments.		
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).			
03/20-Present	Louisiana Department of Transportation and Development, S.P. No.: H.005121, LA1/LA415 Connector – Construction Manager at Risk (CMAR), West Baton Rouge Parish, LA – Project Manager for this high-profile project that involves the design of a new connector between LA 1 and I-10 which will improve resiliency and safety by providing a direct connection and evacuation route for areas south of I-10. The estimated \$550 million project is approximately 5 miles in length and includes a new four-lane roadway and bridge(s) over the Gulf Intracoastal Waterway. Elevated structures are required for much of the project, including a Diverging Diamond Interchange at I-10 and a SPUI interchange layout at LA 1 with substantial roadway improvements north and south of the interchange at LA 1. Initiated as a Design-Bid-Build procurement and in an effort to accelerate the Project, the DOTD transitioned the project’s delivery method near the end of TRC’s preliminary engineering to a CMAR and issued an advanced Notice to Proceed agreement where TRC has recently submitted 30% final plans. TRC is the Lead Designer working hand-in-hand with the DOTD, a CMAR contractor, and ICE (Independent Cost Estimator).			
03/15-01/25	City of Bossier, Walter O. Bigby Carriageway, Bossier City, LA – TRC Project Manager for design of the North Parkway Extension roadway from North of Eatman Street to Benton Highway. The project follows existing roadway for a portion of the alignment, then continues northward on new alignment between the Red River Levee and Union Pacific Railroad, crosses existing tracks with a bridge structure, and connects to Benton Highway at a new signalized intersection. Work includes the design of two roundabouts at the intersections of Hamilton Road and Shed Road, and the reconstruction of three side roads that tie-in to the new North Parkway Extension. The design work also includes widening Hamilton Road from south of US 80 to the new			

	roundabout and the addition of a left-turn lane and driveway reconfigurations along Benton Highway. Total project length includes approximately 5300 feet of reconstructed city streets and 3600 feet of new four lane streets, including a 1470 foot bridge structure. Tasks include geometric design of the new alignment and roundabouts; development of plan and profile sheets, geometric detail sheets, joint layout sheets, cross sections, and quantities; and assistance with the storm drainage design. Additionally managed the delivery of engineering support during construction.
04/08-08/17	Louisiana Department of Transportation and Development, <u>Retainer Contract for Bridge Preservation (On-System)</u>, Statewide – S.P. No. 700-99-0429 - Project Manager responsible for providing engineering and related services under a retainer contract to include fixed and movable bridge rehabilitation design, approach roadway design, design of steel plate girder superstructure for heavily skewed bridge, sub-consultant spot bridge replacement and approach roadway design, a bridge replacement and rehabilitation study that included the use of SPMT's, scour mitigation, and construction-related services at proposed bridge sites throughout Louisiana.
03/13-08/17	Louisiana Department of Transportation and Development, Contract No.: 4400002184, <u>Retainer Contract for Engineering Services for (BRPM) Bridge Preventive Maintenance Program Statewide</u> - Project Manager responsible for providing engineering and related services at proposed sites throughout the State. <u>District 08 Bridge Super and Substructure Repairs and Painting</u> – This project involved the development of the contract documents for bridge repairs for sixteen (16) bridges. The repairs included cleaning and paint of structural steel, joint replacements, concrete patching, replacement of joint seals, polyester concrete bridge overlays, latex modified concrete overlays, and approach roadway repairs. This project included the development of a Level 2 Traffic Management Plan (TMP). Mr. Krone was responsible for coordinating development of the TMP with our subconsultant and conducting quality control reviews of this document at the 60%, 90%, and Final Submissions. <u>District 61 Bridge Deck Joint & Misc. Repairs</u> – This project involved the development of contract documents for bridge repairs for eleven (11) bridges. The repairs included joint replacements, concrete girder repairs, concrete spall repairs, bearing repairs, and polyester concrete bridge overlays. This project included the development of a Level 2 and a Level 4 Traffic Management Plan (TMP). Mr. Krone was responsible for coordinating the development of these two Transportation Management Plans with our subconsultant. Services included a Stakeholder meeting for the Level 4 sites with the cooperating agencies to get their comments on the preliminary planes, advise them of when the Project would be advertised, and to discuss and confirm roles and responsibilities. Mr. Krone conducted a quality control review of the TMPs prior to all submissions.
12/10-Present	Louisiana Department of Transportation and Development, S.P. No.: H.001234, LA 1 Port Allen Canal Bridge Rehabilitation/Replacement, West Baton Rouge Parish, LA – <u>Bridge Study</u>: Project Manager for the development of a detour bridge study where two different detour alignments were developed. Each consisted of a 2,500-foot detour bridge over the Intracoastal Waterway where the proprietary Acrow system was considered and where adequate vertical clearance was provided. Conceptual bridge designs were developed for each alignment. <u>Rehabilitation Study</u>: Project Manager for the feasibility study that investigated three bridge rehabilitation options and one bridge replacement option for the existing twin bridges that carry LA 1 over the ICWW. The Study included the development of new roadway alignment options, construction phasing, traffic control schematics, investigating rehabilitation options for the existing bridge, and preliminary design of a new bridge option. The rehabilitation and replacement options also investigated and proposed the use of Accelerated Bridge Construction techniques. <u>Preliminary & Final Design</u>: Project Principal for preliminary and final design and associated plans which included roadway, traffic control, maintenance of traffic, ITS, traffic signal, MSE wall, highway lighting and bridge plans. Coordinated with UPRR, the US Army Corps of Engineers, the USCG, and the Port of Baton Rouge. The project included a <u>1.5-mile “superstreet” (Access Management Improvements) portion</u>. Presently managing the delivery of engineering support during construction.
04/07-05/14; 09/22-11/22; 02/23-02/24; 01/26-Present	East Baton Rouge Parish, Old Hammond Highway Reconstruction – Segment #2, Baton Rouge, LA - Project Manager for the design study, NEPA study, corridor survey, ROW mapping, final design and construction support for the development of a 3,930-foot-long four-lane divided curb and gutter roadway with raised median, sidewalks and subsurface drainage which replaces an existing 2-lane roadway. Final plans were initially submitted on May 6, 2014, and the project was put on hold due to funding issues. Under the MOVEBR program, the project was restarted where TRC was tasked with the redesign of an intersection due to construction of a new housing complex, updating the documents to current standards, adding a new outfall for new drainage, adding additional ROW, and removing a lift station. The project will commence construction in the summer 2026, during which TRC will be retained for construction related engineering support services.

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.		
Name	Janet Crouse, P.E.		Years of experience with this employer	12.5
Title	Senior Roadway Engineer		Years of experience with other employer(s)	7
Degree(s) / Years / Specialization			B.S. / 2003 / Civil Engineering	
Active registration number / state / expiration date			#PE.0040798 / LA / 09-30-2026	
Year registered	2016	Discipline	Civil Engineering	
			Other Pertinent Training / Certifications ATSSA – Traffic Control Design Specialist ATSSA – Traffic Control Supervisor (10/18/2024 – 10/18/2028)	
Contract role(s) / brief description of responsibilities			Senior Roadway Engineer (Satisfies MPR #3) Ms. Crouse’s nearly 20 years of experience as a project engineer includes work on such projects as interstate highways, state and local roads, and site development parcels. Project tasks have included geometric design, drainage and site design, development of erosion control, signing and marking, and right of way plans. Offering more than 10 years of experience with Louisiana roadway design, she is very familiar with the latest applicable DOTD references, including the latest applicable editions, supplements and revisions.	
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).			
03/20-Present	Louisiana Department of Transportation and Development, S.P. No.: H.005121.5, LA1/LA415 Connector, West Baton Rouge Parish, LA – Roadway Design Engineer for the LA 1/LA 415 CMAR project involving 2.7 miles of new four-lane roadway with bridge crossings over the Gulf Intracoastal Waterway, Sun Plus Parkway, and LA 1. Responsible engineer-in-charge for developing roadway geometrics and plans for LA 415 beginning north of Court Street continuing south to the ICWW bridge crossing and includes the reconfiguration of the LA 415 connection at I-10 to a diverging diamond interchange with ramp modifications, as well as improvements to Court Street, Commercial Drive and a new Backage Road connection.			
11/14-Present	Louisiana Department of Transportation and Development, S.P. No. H.001234, Port Allen Canal Bridge, LA 1, West Baton Rouge Parish, LA (DOTD) – Roadway Design Engineer for the preliminary and final design of 2.26 miles of roadway associated with the bridge replacement of LA 1 over the Intracoastal Waterway. Project features 0.98 miles of new four lane roadway for LA 1 on new alignment, including a separate exit ramp for I-10 EB traffic, and coordination with the design of new 2,700’ twin bridges. Served as the responsible engineer-in-charge for the reconstruction of an existing frontage road, and a railroad at-grade crossing for Ernest Wilson Road and associated plan development. Also served as the responsible engineer-in-charge for the initial design and associated plan development which featured 1.27 miles of “Super Street” improvements to LA 1 that included the removal of eight median openings, four new signalized ”J-Turns” and left-turn storage. Developed MOT plans required to maintain four lanes of traffic on LA 1 with connections to the I-10 ramps. Project also included involvement with drainage design, geometric details, striping, joint layout, sequence of construction, cross sections, and quantities.			
08/15-01/21	City of Bossier, Walter O. Bigby Carriageway, Bossier City, LA – Served as the responsible engineer-in-charge for the design of North Parkway Extension roadway from North of Eatman Street to Benton Highway. Work included the design of two roundabouts at the intersections of Hamilton Road and Shed Road, the reconstruction of three side roads to tie into the new North Parkway Extension, widening of Hamilton Road from south of US 80 to the new roundabout, and the addition of a left-turn lane and driveway reconfigurations along Benton Highway. Total project length was approximately 5,300 feet of reconstructed city streets and 3,600 feet of new four lane roadway, which included a 1,470-foot bridge structure. Tasks involved the geometric design of the new alignment and roundabouts, the development of plan and profile sheets, geometric detail sheets, joint layout sheets, cross sections,			

	quantities, and assistance with the storm drainage. Completed for the City of Bossier, all design work was completed in accordance with all applicable and current DOTD specifications and standards.
10/12-09/14	Louisiana Department of Transportation and Development, S.P. No. H.011111, I-49 North – Preliminary & Final Bridge Plans, Caddo Parish, LA – Project Designer for engineering and related services for the bridge design and rating for the I-49/I-220 interchange bridges, specifically directional ramps EN, SE and WN, and the widening of existing I-220 bridges. Areas of responsibility included the design and plan sheet preparation for median barrier and barrier rail layout, bridge deck drainage, and quantity sheets, and design coordination with roadway design team and other team members.
06/21-07/22	City of Marble Falls, Avenue N Bridge at Backbone Creek, Marble Falls, TX - Design Engineer for the preliminary and final design of Avenue N bridge approaches. Tasks included the geometric design of bridge approaches; walk paths connecting new sidewalk to existing crushed granite trails and a new cul-de-sac at Backbone Street; and the development of roadway plan and profile sheets, walk path plan and profile sheets, quantities, and cross-section sheets.
04/23-09/23	Delaware County Engineers Office, DEL-CR98-01.58 Roundabout Design, Delaware County, OH – Roadway engineer for the preliminary design and layout of a roundabout to replace an existing 4-way intersection located at Piatt Road and Peachblow Road. Challenges included constraints due to right of way and existing drainage features. Areas of involvement included horizontal and vertical layout of roundabout and associated design checks, storm sewer and ditch design and development of Stage 1 plans using MicroStation ORD.
02/23-07/23	Mississippi Dept. of Transportation, SR 184 Bridge Replacement (BR 103.1), Prentiss, MS – Project Manager and <u>responsible engineer-in-charge</u> for the roadway design and final plan development of approximately 1,000 feet of two-lane roadway widening associated with a bridge replacement on SR 184. Areas of involvement included confirming the typical sections and proposed right-of-way that was developed during the preliminary design phase, along with final plan preparation that included guardrail design, ditch design, erosion control treatments, quantities, striping, construction signing and maintenance of traffic plans, cross sections and a construction cost estimate. Roadway plans were completed in MicroStation OpenRoads Designer (ORD).
06/14-10/14	West Virginia Department of Transportation, I-64 Design Study, Saint Albans Interchange, Nitro, WV - Responsible for providing engineering design during the preliminary layout for a diverging diamond interchange along I-64 at US 35 (St. Albans Interchange). The design included her review of the proposed traditional diamond interchange for US 35 and the layout of a diverging diamond interchange to improve traffic flow on ramps.
08/12-10/13	East Baton Rouge Parish, Old Hammond Highway Improvements, Segment 2, Baton Rouge, LA – Project Designer during the design of reconstruction work along Old Hammond Highway as part of the City’s Green Light Plan. Work consisted of the design for a new four-lane divided highway, intersection layout, roadway profiles, sub-surface drainage, sequence of construction drawings, and utility relocation including new 8” gravity sewer, a lift station and a force main. Task involvement included plan revisions and the development of drainage plans.
01/13-11/14	Louisiana Department of Transportation and Development, SPN# 44-2184, Louisiana Department of Transportation, Retainer Contract for Bridge Preventative Maintenance, Statewide - Responsible for providing engineering and related services under a retainer contract that involved the repair and/or preventative maintenance of bridge structures throughout the State of Louisiana. Task Order 1 involved bridges in East Baton Rouge, West Baton Rouge, East Feliciana and West Feliciana Parishes and included bridges on I-10, I-110, LA-1 and LA-67 crossing local roads and creeks. Areas of responsibility included preparing traffic control plans for several bridge sites as well as assisting in the preparation of general plan sheets, quantity sheets and other miscellaneous sheets.
10/08-05/11	Georgia Dept. of Transportation, US 441/SR 15 Widening from Clayton County Limits to North Carolina State Line, Rabun County, GA - Project Designer for the conceptual and preliminary design associated with widening over 7 miles of roadway between the northern city limits of Clayton to the North Carolina State line. The project included both urban and rural typical sections for widening to a four lane divided facility. Retaining walls were required to limit right-of-way impacts due to the steep terrain. Context sensitive design solutions were utilized to reduce the property and socio-economic impacts in the municipalities of Mountain City and Dillard. Tasks included on this project were geometric design, roadway drainage design, hydraulic design of major culverts, design of bicycle and pedestrian facilities, preparation of staged construction and maintenance of traffic plans and preparation of erosion and sediment control plans.

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.		
Name	William Travis Barr, P.E.		Years of experience with this employer	2
Title	Project Manager / Senior Project Engineer		Years of experience with other employer(s)	12
Degree(s) / Years / Specialization			B.S. / 2012 / Civil Engineering	
Active registration number / state / expiration date			#PE.0045675 / LA / 09-30-2027	
Year registered	2021	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Senior Roadway Engineer Mr. Barr has 14 years of experience and progressive responsibility in the fields of civil and roadway engineering consulting. His qualifications include extensive hands-on experience consisting of roadway geometrics, drainage design, cost estimating and project management. Having provided such services on several Louisiana roadway design projects, he is very familiar with the latest applicable DOTD references, including the latest applicable editions, supplements and revisions.	
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).			
03/24-Present	Louisiana Department of Transportation and Development, S.P. No.: H.005121.5, LA1/LA 415 Connector, West Baton Rouge Parish, LA – Serving as the Roadway Engineer-in-Charge for the LA 1/LA 415 CMAR roadway design project responsible for coordinating and managing the roadway design team. Key responsibilities include scheduling, task management, and overseeing design activities such as horizontal and vertical alignment, drainage systems, traffic maintenance, and layout planning for the LA 1 corridor, including the LA 1 and LA 415 interchange. Deliverables include preliminary layouts, design validation, calculations, and detailed plan preparation for the LA 1 roadway corridor.			
11/22-03/24	Louisiana Department of Transportation and Development, LA 447 Safety Improvements, Livingston Parish, LA - Served as responsible engineer-in-charge for the preliminary layout, design checks, calculations, and plan preparation for two (2) LA 447 highway roundabouts which included one multi-lane and one single-lane configuration. Mr. Barr additionally provided roadway design on adjoining roadway realignments.			
03/21-11/22	MOVEBR Transportation Program – Program Management, East Baton Rouge Parish, LA - Responsible for the management of eight projects in the program. Mr. Barr assisted in the leadership of each project through oversight of cost estimation, budgeting and adherence to design standards, as well focused on the overall constructability/feasibility of each project. As a part of his project management tasks, he assisted with the identification of project goals, economic development benefits, and overall feasibility.			
11/22-03/24	MOVEBR Transportation Program, Terrace Avenue, East Baton Rouge Parish, LA – Sr. Engineer responsible for project wide modeling, ADA design, Right of Way/ construction access, wall design and project wide drafting standards. Mr. Barr performed 1 mile of complex modeling within a confined urban corridor. Due to Right of Way restrictions, he also designed multiple retaining walls. The project is a corridor improvement project tasked with widened the roadway and adding sidewalks while not impacting right of way in the area.			
11/22-03/24	MOVEBR Transportation Program, Lee Drive, East Baton Rouge Parish, LA – Project Manager in responsible charge of quality control and assurance, geometric design, vertical design, site grading, suggested sequence of construction, scheduling, and construction cost development for a ¾-mile segment of this capacity improvement project. The overall project is a 2-mile roadway widening and drainage improvement project to establish a five-lane roadway corridor.			
03/17-03/21	Texas Department of Transportation – I-820 (SH-287 to I-20) Interchange Reconstruction (Southeast Connector Design-Build), Dallas, TX - Responsible for the evaluation of interstate plans, establishment of retaining wall locations to facilitate a proper sequence of construction, identification of bridge limits, and development of retaining wall structural requirements. He additionally produced exhibits, provided QA/OC of deliverables, coordinated			

	work with stakeholders, and presented findings to key stakeholders. Travis led weekly task force meetings with major stakeholders to present status, potential roadblocks, project timelines, design philosophies and approach.
03/17-06/20	Washington Department of Transportation, SR 520 (I-5 to 84th Avenue) Interchange Reconstruction Design-Build, Seattle, WA - In responsible charge for the evaluation of interstate plans, maintenance of traffic, and pier and wall locations to facilitate sequence of construction, alternative design analysis, production of exhibits, and QA/QC of deliverables. Additionally coordinated and presented his findings to key stakeholders.
05/24-Present	Mississippi Department of Transportation, SR 184 Bridge Replacement, Jefferson Davis County, MS - Senior Roadway Design Engineer responsible for the horizontal, vertical, drainage, and maintenance of traffic design and layout of the SR 184 bridge replacement corridor. Design includes preliminary layouts, design checks, calculations, plan preparation, scheduling, and coordination with MDOT staff.
08/18-02/20	Border Patrol / United States Army Corp of Engineers, Tucson 63 Boarder Wall Reconstruction, AZ - Served as Roadway Design Task lead in responsible charge for this very fast paced project which included project wide design standards, specifications and design of the Douglas portion of the Tucson 63 project. Totaling over 20 miles of boarder wall design, access roads, and patrol roads the Douglas portion of the Tucson 63 project had some of the most treacherous and complicated portions of the border to design and construct. Travis managed three design teams, QA/QC activities, design of the line and grade, wall and retaining system selection, limits of construction/right of way, typical section, compliance with environmental guidelines, scope/fee estimation, and scheduling. Additionally led weekly task force meetings with major stakeholders, including representation from construction, design, and the owner, to present status, potential roadblocks, project timelines, design philosophies and approach each week. He also led comment resolution meetings with the owner and reviewing agencies to ensure proper closeout of each item.
12/14-04/17	Town of Edgewood, Walker Road Improvements, Edgewood, NM - Served as the project manager and primary designer, including roadway horizontal and vertical design, drainage facilities, sanitary sewer design, and ADA-compliant design. For the horizontal design, guidance from the AASHTO Green Book and NMDOT standards was used to layout intersections and alignments based on the designated design speed. Stopping sight distances were calculated, and the design vehicle was used to verify that the layout adhered to the specified criteria.
12/14-04/17	Town of Red River, Pioneer Road Rehabilitation, Red River, NM - Served as a Highway Designer for the Pioneer Road Rehabilitation project which involved roadway horizontal and vertical design, drainage facilities, and ADA-compliant design.
01/13-05/14	New Mexico Department of Transportation, Paseo Del Norte Interchange - Served as field engineer responsible for calculating design quantities, tracking completion and to date quantities for earthwork and road tasks. Tracked and maintained schedule and helped design earthwork flow and haul routes.

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.		
Name	Geoff Gribble, P.E.		Years of experience with this employer	4
Title	Project Manager/Senior Roadway Engineer		Years of experience with other employer(s)	23
Degree(s) / Years / Specialization			B.S. / 1999 / Civil and Environmental Engineering	
Active registration number / state / expiration date			#PE073596 / PA / 09-30-2027	
Year registered	2006	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Roadway QA/QC Geoff possesses over 27 years of civil engineering experience which includes leading and managing the design and analysis of highways and bridges in the public sector, as well as for various private sector clients. Associated responsibilities include schedule monitoring, cost containment, resource management, organizing project activities, QC/QA checks, agency and client coordination, approvals, and project coordination in a team-oriented environment across various disciplines and subconsultants.	
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).			
01/25-Present	LA Department of Transportation & Development, LA 415 / LA 1 Connector, Baton Rouge, LA - Roadway Engineer responsible for assisting in the development of Preliminary Engineering Services for a new 2.5-mile roadway extending LA 415 up to LA 1. Design effort includes a new diamond interchange with LA 1, modified diamond interchange with Interstate 10, new multi-span bridge over the ICWW and new interchange with Sun Plus Parkway. Design duties have consisted of laying out the LA 1 new lane configuration, and the development of profiles for new entrance and exit ramps from LA 415 to LA 1. His specific responsibilities included pavement marking layout along LA 1, intersection layout, alternate studies, and QA/QC of numerous plan sets for 30% submissions.			
04/20-07/21	PennDOT District 4-0, South Valley Parkway, S.R. 3046, Section 301, Hanover Twp, Luzerne County, PA - Project Manager for the design of a new three-mile roadway, including six (6) roundabouts, to connect the Luzerne County Community College and City of Nanticoke with State Route 29 (limited-access four-lane highway). Early work activities included the completion of alternate alignment studies, a needs study, VEACTT work sessions, environmental assessment document, and public involvement during the alternatives development stage. The PS&E package included a new 6-span, 700 ft long concrete bridge, a new single span 150 ft long concrete bridge, 190 ft long box culvert, a new interchange with SR 29, five (5) single lane roundabouts, one (1) double lane roundabout, full conventional lighting, 17 drainage basins, and the acquisition of 140 acres for the project’s needs. Other responsibilities included extensive coordination with PennDOT and PA state agencies, utility facility owners, municipality school districts, and property owners. The 4-year construction schedule included a three-phased traffic control plan with multiple subphases, handling of acid bearing rock in mining areas along with a dedicated waste site, wetland mitigation site, three separate utility relocation plans, contending with bat restrictions, and massive rock excavation. Total construction cost was \$57.2M.			
06/14-08/16	PennDOT District 4-0, S.R. 0029, Section FP1 Paving Project, Hanover Township, Luzerne County, PA - Project Manager responsible for leading the Preliminary and Final Design efforts for resurfacing a divided limited access facility along with two interchanges. Work included mill and overlay, full concrete glare screen update, base repair areas, soft spot removal areas, selected guide rail improvements, rehabilitation of four bridges for new barrier installation/deck replacement and coordination with an ongoing/adjacent highway project. Total project length was 5 miles. Traffic control used short-term and long-term PATA Figures using half-width construction. Total construction cost was \$8.9M.			
03/14-01/16	PennDOT District 4-0, S.R. 2004, Section FP1; SR 0011, Section FP1; SR 3023, Section FP1, Luzerne/Lackawanna Counties, PA – Project Manager responsible for leading the overall Preliminary and Final Design effort while managing the design schedule and securing necessary approvals. This resurfacing project included a mill and overlay, ADA ramps, cross slope correction, base repair areas, select curb improvements, spot drainage upgrades,			

	bituminous overlay of a bridge, parapet reconstruction and a railroad crossing replacement. Total project length was 3.98 miles. The project traversed through the cities of Wilkes-Barre and Scranton, including portions of each city's business section and several side streets. Traffic control used short-term/long-term PATA Figures and detours for the sidewalk closures. Total construction cost was \$3.37M.
06/15-03/18	PennDOT District 4-0 – S.R. 0309, Section 362 Bridge Rehabilitation, Plains Township, Luzerne County, PA – Project Manager responsible for leading the overall Preliminary and Final Design effort managing design schedule and securing necessary approvals for the replacement of existing concrete floor of a 18'x18' concrete arch culvert carrying Laurel Run and construction of a 600 long permanent access road. The project site was very constrained and located inside a limited access loop ramp. Key aspect to the design was minimizing earth disturbance, spoiling waste material on site and providing future maintenance and construction of upstream crossing. Total construction cost was \$1.6M.

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.		
Name	Anhhuy ‘Ann’ Truong, P.E.		Years of experience with this employer	3
Title	Senior Roadway Engineer		Years of experience with other employer(s)	27
Degree(s) / Years / Specialization			B.S. / 1996 / Civil Engineering	
Active registration number / state / expiration date			#PE.0051245 / LA / 09-30-2026	
Year registered	2026	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Senior Roadway Engineer Ann offers 30 years of highway design experience which has been gained while delivering many PA/ED and PS&E projects in both the public sector and private sector as a design lead and senior engineer. She has assisted with the successful delivery of numerous major highway design projects, including Express Lanes and HOV lane improvements, and developed stage construction plans for projects throughout densely populated areas such as Los Angeles, Orange, and San Bernardino Counties. She has successfully prepared staging approaches that emphasize safety, operability, and a practical construction sequence which have resulted in her achievement of numerous awards for her efforts, including the ASCE Orange County’s Project of the Year Award, Caltrans District 12 Superior Accomplishment Award, and Caltrans District 12 Sustainable Superior Accomplishment Award.	
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).			
07/25-Current	LA Department of Transportation and Development, LA1/LA415 Connector, West Baton Rouge Parish, LA - Roadway Design Engineer for this project which includes the design of a full diamond interchange connection at LA 1 and the realignment of LA 1 in both directions to accommodate ramp configuration and future widening. Ms. Truong has prepared detailed design plans and construction cost estimates for mainline roadways and associated ramps. She also evaluated interchange alternative concepts by comparing multiple interchange design alternatives while considering such factors as traffic operations, constructability, right-of-way impacts, and cost-effectiveness.			
11/23-01/26	SBCTA, I-10 Express Lanes, Contract 2, San Bernardino County, CA - Design Engineer responsible for delivery of the I-10 Express Lanes Contract 2 PS&E. The project will implement one Express Lane in each direction between the I-10/I-15 interchange in Ontario and Pepper Avenue in Colton. Additional improvements include the construction of four new or extended acceleration/deceleration lanes. The project team is thinking progressively and designing the facility to accommodate an eventual second Express Lane, with soundwalls being built in their ultimate condition. The project has been divided into two segments: Contract 2A and Contract 2B. Ms. Truong is responsible for delivering the construction staging and traffic handling plans for Contract 2B, a 5-mile segment extending from Sierra Avenue to Pepper Avenue. She also reviewed comments from Caltrans and coordinated with the design team to provide comment responses.			
11/23-01/26	Metro, I-105 Express Lanes Segment 1 (Imperial Highway/Sepulveda Boulevard to Central Avenue), Los Angeles County, CA - Design Engineer supporting this Express Lanes project on I-105. The project will implement a new median lane in each direction for approximately 9 miles from Sepulveda Boulevard to Central Avenue to be managed with the existing HOV lanes as a tolled express facility. The project will also lower the profile of local roads to improve vertical clearance between the roadway and I-105. Ms. Truong is responsible for the construction staging effort, including preparation of the Work Site Traffic Control plans for local streets overlapping proposed bridge widening for the project. The construction staging plans are being developed			

	to accommodate a high volume of truck traffic. Also, traffic on local streets is being shifted where possible during the reprofiling of the road to maintain efficient traffic operations during construction.
11/24-01/26	Caltrans District 12, I-405 South Multi-Asset Project Design-Build (Contract No. 12-0Q9704), Orange County, CA - Design Engineer supporting the delivery of plans for Segments 3 and 4 of this multi-asset Design-Build project. Proposed improvements included pavement rehabilitation, bridge railing upgrades and replacement of bridge approach/departure slabs, construction of a sound wall along the I-405 off-ramp to University Drive/Jeffrey Road, maintenance vehicle pullouts, and relocation of existing irrigation facilities at the Jeffrey Road and Bristol Street interchanges to reduce maintenance worker exposure. Additionally, Class II bicycle lanes will be implemented on Irvine Center Drive and Jeffrey Road/University Drive. Ms. Truong is responsible for preparation of the DSDD and providing QC review of the roadway, lighting, and signing calculations and plans.
03/22-12/25	OCTA, I-5 Widening Project PS&E Segment 3, El Toro Road to Alicia Parkway, Orange County, CA - Project Engineer responsible for providing design support during construction. This project involves widening a three-mile freeway segment including replacement of Los Alisos Boulevard OC, modifications to Aliso Creek bridge and El Toro Road UC, ramp improvements, and Americans with Disabilities Act (ADA)-compliant upgrades for 16 curb ramps. During construction, Ms. Truong was responsible for revising the staging plans for northbound I-5 to maintain the existing number of general-purpose lanes during median widening, increase available working space for the contractor, and provide safe ingress/egress. She also oversaw the design of modifications to four ADA-compliant curb ramp upgrades to accommodate field conditions as well as two new ADA-compliant curb ramps to accommodate a driveway designed during the construction phase.
01/08-12/15	OCTA, SR-91 Widening from Lakeview Avenue to SR-241, Orange County, CA - Project Engineer/Design Lead while serving as the Caltrans Project Engineer-in-charge of developing this 8-year multi-phase, multi-asset project from the PA/ED phase to the PS&E phase and through the construction phase for widening the SR-91 mainline one lane in each direction and adding auxiliary lanes from Lakeview Avenue to the SR-241/SR-91 Separation. Additional improvements included modifications to the geometry of the existing weigh stations at Weir Canyon, Maintenance Vehicle Pullouts, and one 2,000-ft soundwall. Ms. Truong managed the design team and coordinated with other Caltrans functional units, OCTA, cities, and agencies to prepare PA/ED technical studies. Her responsibilities included developing the construction staging plans, which involved preparing a temporary westbound ramp entrance at Imperial Highway to eliminate the need for a ramp closure. She also assisted with the public hearing and the environmental document, draft project report, and final project report approval; delivered the PS&E contract; and provided construction support. As the Project Engineer, Ms. Truong was a proud recipient of the ASCE Orange County 2012 Project of the Year Award for this project.

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.		
Name	Christopher Hassell, PE		Years of experience with this employer	5
Title	Project Roadway Engineer		Years of experience with other employer(s)	16
Degree(s) / Years / Specialization			B.S. / 2005 / Civil Engineering	
Active registration number / state / expiration date			#PE078149 / PA / 09-30-2027	
Year registered	2010	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Roadway Engineer Mr. Hassell possesses 21 years of experience in transportation engineering with an emphasis on the design of highways. He has extensive experience with the design of many project types, including feasibility and corridor studies, safety improvements, bridge replacements, intersection improvements (including roundabouts), roadway widenings, interchange reconstructions, total roadway reconstructions, and design/build projects. His design experience includes utility coordination, horizontal and vertical design, earthwork, roadside protection, drainage design, pavement design, creating right-of-way plans, maintenance and protection of traffic layout, developing final design plans, tabulation of quantities, and writing specifications.	
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).			
02/24-Present	Louisiana Department of Transportation and Development, S.P. No.: H.005121.5, LA1/LA415 Connector, West Baton Rouge Parish, LA - Roadway engineer for the geometric design of new LA 415 alignment from North of the Intracoastal Waterway to the connection at LA 1. Design includes options for a single bridge structure and dual bridge structures for LA 415 Northbound and Southbound. Horizontal and vertical geometry were developed for each option and for the Sun Plus Parkway entrance and exit ramps. Coordination with structural team was required to meet vertical clearance requirements for the ICWW bridge and the bridges over Sun Plus Pkwy. Each roadway option was modeled for determining limits of construction, developing cross sections and earthwork quantities and identifying potential utility conflicts. Other tasks included conceptual development of alternate designs to improve access to local businesses along LA 415, south of I-10.			
12/16-05/17	Texas Department of Transportation (TxDOT Houston District), SH 288 Design/Build Toll Lanes Expansion, Houston, TX - Roadway Task Manager for the project involving the design of 10-miles of new 4-lane toll road inside the existing 6-lane freeway. The designed portion of the project included 4-miles of new roadway, three new ramps to the existing lanes, and seven new bridges. This section was designed in 6 months. Mr. Hassell was responsible for alignment design, drainage design, and final plans.			
08/15-02/18	Pennsylvania Department of Transportation (PennDOT District 2-0), SR 0006-530, SR 0006 Improvements in Borough of Kane, McKean County, PA - Project Engineer for the preliminary engineering, final design, and construction services for the pavement resurfacing/reconstruction of SR 0006 in the Borough of Kane. The project extended from approximately 900' north of Easton Street to the intersection with SR 0321, and included drainage upgrades, signal upgrades, and improvements for ADA access. Mr. Hassell was responsible for pavement design and PS&E package.			
04/13-01/19	Pennsylvania Department of Transportation (PennDOT District 5-0), SR 0073-05S, SR 73/662 Intersection Improvements, Berks County, PA - Roadway Task Manager for the preliminary engineering, final design, and construction consultation for the safety improvements of two separate intersections of SR 0073 with SR 0662. To address safety issues, roundabouts were proposed at each intersection which included extensive approach roadway work and the relocation of the minor roadways. Mr. Hassell was responsible for alignment design, intersection grading, traffic control, and PS&E package.			
05/13-05/19	Pennsylvania Department of Transportation (PennDOT District 8-0), SR 0181-017, North George Street Improvements, York County, PA - Roadway Task Manager for the preliminary engineering and final design to improve the I-83 Exit 22 interchange with SR 181. A substandard on-ramp was relocated to a new location and SR 181 was widened to accommodate the change. The project is part of the I-83 North York Widening and included			

	3 new culverts, installation of sound barrier along I-83 and provisions to allow the future widening of I-83 to 6-lanes. Mr. Hassell was responsible for alignment design, intersection grading, traffic control, and the right-of-way plan.
06/14-07/16	Pennsylvania Department of Transportation (PennDOT District 10-0), SR 0228-271, Cox's Corner Roundabout, Butler County, PA - Project Engineer for the project involving safety improvements at the intersection of SR 0228 and Saxonburg Blvd. To address safety issues, a roundabout was proposed which included relocating the intersection 500' and raising the roadway. Mr. Hassell was responsible for drainage design, E&S, SWM, and right-of-way plan.
05/13-05/19	Pennsylvania Department of Transportation (PennDOT District 8-0), SR 2003-029, North Hills Road Widening, York County, PA - Roadway Task Manager for the preliminary engineering and final design to add an additional lane on North Hills Road. The project is part of the I-83 North York Widening and included reconstructing the existing at-grade railroad crossing to the future 7-lane roadway width. Mr. Hassell was responsible for railroad coordination, alignment design, intersection grading, right-of-way plan, traffic control, and PS&E package.
02/07-02/14	Pennsylvania Department of Transportation (PennDOT District 9-0), SR 0056-TSM and 025, Strayer Street, Cambria County, PA - Project Engineer for the preliminary engineering and final design for numerous Transportation Systems Management intersection projects to improve existing safety concerns throughout the City of Johnstown. Improvements included the removal of sight distance obstructions, curve widening, signal upgrades, ADA curb ramp installation, and drainage upgrades. Mr. Hassell was responsible for alignment design, intersection grading, ADA curb ramp design, drainage design, E&S, right-of-way plans, traffic control, and PS&E packages.
01/11-08/14	Pennsylvania Department of Transportation (PennDOT District 5-0), SR 0562-02S, Shelbourne Road & Oley Turnpike Road Intersection Improvements, Berks County, PA - Roadway Task Manager for the preliminary engineering, final design, and construction consultation for the intersection improvement of SR 0562 with Shelbourne Rd. and Oley Turnpike Rd. Mr. Hassell was responsible for utility coordination, alignment design, intersection grading, ADA curb ramp design, drainage design, E&S, right-of-way plan, traffic control, and PS&E package.
09/05-12/12	Pennsylvania Department of Transportation (PennDOT District 1-0), SR 0038-A00, Emlenton Hill, Venango County, PA - Project Engineer for the feasibility analysis, preliminary engineering, and final design for safety improvements to 1.5 miles of steeply graded 2-lane highway. Improvements included roadway betterment, reconstruction and complex retaining walls to support the widened roadway. Mr. Hassell was responsible for alignment refinements, intersection grading, drainage design, right-of-way plan, traffic control, and PS&E package.

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.		
Name	Derek Spurlock, P.E.		Years of experience with this employer	17
Title	Senior Project Engineer		Years of experience with other employer(s)	0
Degree(s) / Years / Specialization			M.S. / 2008 / Civil Engineering B.S. / 2005 / Civil Engineering	
Active registration number / state / expiration date			#19202 / WV / 12-31-2026	
Year registered	2011	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Roadway / Drainage and Hydraulics Derek has 17 years of design experience serving in the role of design engineer. His duties have primarily focused on roadway design, development of right-of-way plans, roadway drainage, and performance of hydraulic backwater analysis and scour analysis for various bridge projects.	
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).			
06/11-09/11	City of Baton Rouge and Parish of East Baton Rouge, Old Hammond Highway, Baton Rouge, LA – Design Engineer for this project which involved the engineering design and analysis of an outfall improvement plan to handle the increase in flow caused by widening Old Hammond Highway and converting the current open ditch drainage system to a curb and gutter system. Mr. Spurlock developed the HEC-RAS model for both the existing outfall and the proposed design of the project.			
03/20-04/23	Ohio Department of Transportation, US-40 and SR-37 Intersection Improvement, Licking County, OH - This project consists of widening existing US-40 and SR-37 to add turn lanes to improve intersection functionality. This widening involves modifying horizontal and vertical geometry and adding superelevation to SR-37. The project is being designed using Bentley OpenRoads. Mr. Spurlock performed profile calculations and design, performed roadway analysis, prepared construction plans, and performed the drainage design.			
03/20-04/23	Ohio Department of Transportation, SR-37 and SR-256 Intersection Improvement, Fairfield County, OH - This project consists of widening existing SR-37 and SR-256 to add turn lanes to improve intersection functionality. The project is being designed using Bentley OpenRoads. Mr. Spurlock performed roadway analysis, prepared construction plans, and performed the drainage design.			
01/20-12/20	ODOT District 6, MAD-42-12.35, London, OH - Project involves the design of improvements along the busy US-42 corridor at the I-70 interchange where truck volumes had resulted in the pavement reaching its useful life. The project’s objective is to provide new, widened concrete pavement to accommodate the truck traffic, along with a new center turn lane and signalization, pavement marking modifications, access management measures to improve safety and address congestion, new drainage including post-construction BMPs, signing and pavement marking plans, and the development of a well-functioning Maintenance of Traffic Scheme. The project follows ODOT’s Staged Submittal process and includes R/W Plan Development. Mr. Spurlock has assisted with roadway and drainage design.			
03/20-04/22	West Virginia Division of Highways, Coalfields Expressway PIE Study: WV16 to Mullens, Wyoming County, WV - Project involved the preliminary design of 8.6 miles of four-lane and 3.8 miles of two-lane connector on new alignments. Preliminary plans included geometric design, major drainage design, permitting, erosion and sediment control, utility coordination and right-of-way. Responsibilities included hydraulic analysis of 3 bridges and a large box culvert, acquisition of an NPDES permit for core drilling of the entire project, and geometric design of the 1500’ Twin Falls Access.			

02/19-01/21	West Virginia Department of Transportation - Division of Highways, US 220 Tier II Design Study, Mineral County, WV & Allegany County, MD - This project consisted of upgrades to US Route 220 from the US Route 50 intersection near Claysville, WV to its intersection with Placid Lane in Maryland. Mr. Spurlock was responsible for developing new alignment alternatives for approximately 11 miles of highway and performing the hydraulic analysis for proposed bridges that cross the North Branch Potomac River.
07/15-01/19	West Virginia Department of Transportation - Division of Highways, US 35 Design-Build/P3 Project, Mason and Putnam Counties, WV - As a Design Engineer, Mr. Spurlock was responsible for the drainage design associated with 14 miles of four-lane highway (ditch sizing and lining, culvert design, storm sewer design), overseeing the hydraulic analyses of two mainline bridges, and performing scour analyses for two mainline bridges.
03/17-10/17	West Virginia Division of Highways, Wellsburg Bridge P3, Brooke County, WV - Work consisted of performing a HEC-RAS analysis of the Ohio River for the proposed bridge crossing which included the use of an existing HEC-2 model of the Ohio River. Mr. Spurlock also performed scour analysis for the proposed bridge and coordinated with the local floodplain manager to gain approval of the proposed bridge.
09/14-12/17	West Virginia Division of Highways, Jefferson Road Design Study, Kanawha County, WV - This study consisted of developing preliminary plans to widen existing Jefferson Road from two lanes to five lanes and replacing an offset intersection at Kanawha Turnpike. Multiple alignments were developed. Mr. Spurlock's responsibilities on this project included the performance of a HEC-RAS analysis of the waterway opening for the proposed bridge crossings and incorporating bicycle facilities along Jefferson Road.
01/14-02/15	West Virginia Department of Transportation - Division of Highways, Coalfields Expressway P3, Wyoming Counties, WV - Mr. Spurlock was responsible for the drainage design (ditch sizing and lining, culvert design, storm sewer design) and assisting with the Sediment and Erosion Control Plans (BMP layout, sizing sediment ponds, etc.).
05/14-11/16	West Virginia Department of Transportation - Division of Highways, I-64 Widening Crooked Creek Interchange to Nitro Interchange, Putnam County, WV - This project consisted of preliminary engineering for widening Interstate 64 from four to six lanes between Scott Depot and Nitro. The 3.5-mile-long project will include two interchanges and multiple bridges, including a ¼-mile long bridge across the Kanawha River. Mr. Spurlock's responsibilities included geometric design that consisted of laying out the interstate widening, realignment of the Saint Albans interchange, and realigning the Bills Creek overpass; major drainage design; and hydraulic analysis of the proposed Kanawha River crossing.
07/09-02/14	West Virginia Division of Highways, Thomas Buford Pugh Bridge, Fayette County, WV - This project consisted of the study and design of both a replacement bridge structure and a rehabilitation of the existing bridge structure crossing the New River. The river in the project area is a category one stream which has endangered mussels. The study for this project consisted of various alternatives to avoid impacts to the river and the stream habitat. Mr. Spurlock was responsible for performing a HEC-RAS analysis of the waterway opening for the bridge replacement alternatives, in addition to analysis for the use of temporary construction platforms and causeways for the rehabilitation alternatives. Mr. Spurlock also performed a Shear Stress analysis for each alternative in order to evaluate the impacts of the alternatives on the habitat within the project area during and after the construction of each, and developed scour countermeasures on the stream banks.
03/09-02/12	West Virginia Department of Transportation - Division of Highways, RHL Boulevard Extension, Kanawha County, WV - This project consisted of an urban roadway design along a new alignment, drainage design, temporary traffic control, lighting design, signing and marking plans, and right-of-way plans. Mr. Spurlock assisted with the right-of-way plan development for the 0.42-mile long project. He performed the roadway drainage calculations and assisted with the drainage design. He also assisted with the design of the maintenance of traffic sequencing for the project. A new bridge crossing of Davis Creek was also included as part of this project which was situated in an area that is sensitive to past flooding. Mr. Spurlock was responsible for the HEC-RAS analysis of the bridge waterway opening for the new proposed bridge crossing of Davis Creek. He developed both a draft and final hydraulic report for the project. He also assisted with development of the erosion and sediment plans for the project.

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.		
Name	Timothy Shoemaker, P.E.		Years of experience with this employer	25
Title	Senior Project Engineer / Project Manager		Years of experience with other employer(s)	8
Degree(s) / Years / Specialization			B.S. / 1993 / Civil Engineering	
Active registration number / state / expiration date			#13636 / WV / 12-31-2026	
Year registered	1998	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Senior Roadway Engineer Mr. Shoemaker offers over 33 years of civil engineering experience that is focused on the development of solutions to a variety of transportation-related challenges. Projects to which he has been assigned have ranged from small rehabilitation and reconstruction projects, to complex interchanges and interstate improvement work pursued using Design-Build and P3 delivery methods.	
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).			
02/25-Present	ODOT District 6, MAD-42-12.35, London, OH - Project involves the design of improvements along the busy US-42 corridor at the I-70 interchange where truck volumes have resulted in the pavement reaching its useful life. The project’s objective is to provide new, widened concrete pavement to accommodate the truck traffic, along with a new center turn lane and signalization, pavement marking modifications, access management measures to improve safety and address congestion, new drainage including post-construction BMPs, signing and pavement marking plans, and the development of a well-functioning Maintenance of Traffic Scheme. The project follows ODOT’s Staged Submittal process and includes R/W Plan Development. Mr. Shoemaker assisted with the MOTAA traffic phasing.			
06/21-08/22	ODOT District 5, FAI-37-6.10, Fairfield County, OH – Project Engineer during the preparation of contract plans for roadway widening at the FAI-37-6.10 intersections to accommodate left-turn lanes at each leg of the intersection. Other improvements included drainage, new signals and traffic control. The widenings resulted in R/W and utility impacts that were included and coordinated in the project. The project was completed on an aggressive design schedule so R/W could be acquired and the improvements constructed expeditiously to address the safety issues. Mr. Shoemaker served as the Project Engineer for Stage 2 and Stage 3 plan development.			
06/21-08/22	ODOT District 5, LIC-40-16.15, Licking County, OH – Project Engineer during the preparation of contract plans for roadway widening at the LIC-40-16.15 intersections to accommodate left-turn lanes at each leg of the intersection. A right-turn lane was also added for the EB to SB movement. Other improvements included drainage, new signals and traffic control. The project was completed on an aggressive design schedule so that R/W could be acquired and the improvements constructed expeditiously to address the safety issues. Mr. Shoemaker served as the Project Engineer for Stage 2 and Stage 3 plan development.			
04/18-08/23	West Virginia Department of Transportation - Division of Highways, I-64 Quality Assurance Management Services (QAM) for the I-64 Widening and Improvements Design-Build Project, Putnam County, WV - TRC is serving as the Quality Assurance Manager (QAM) representing the WVDOH for the \$225 million widening of Interstate 64 (I-64) from four to six lanes for approximately 3.8 miles. The project involves the reconfiguration of two interchanges; replacement of three interstate overpass bridges, two new interstate ramp bridges, and a county route overpass bridge; and replacement of the existing 1,400’ long Kanawha River bridge with a new parallel river crossing. Mr. Shoemaker’s responsibilities have involved various pre-procurement activities (writing the roadway and right-of-way portions, editing the entire design criteria for the project, participation in one-on-one meetings with project proposers to review and discuss their proposed designs), and review of roadway and right-of-way submittals from the successful proposer.			
06/17-03/19	West Virginia Department of Transportation - Division of Highways, US 35 Buffalo Interchange - Project involved the addition of a diamond interchange to a project that was under construction. Mr. Shoemaker’s responsibilities were to oversee and perform roadway design of the interchange (specifically roadway geometrics), interchange geometrics, utility relocation, grading design, drainage design, permitting, right-of-way design, maintenance			

	of traffic design, quantity estimates, and construction cost estimates. Design-build construction plans, right-of-way acquisition plans, and right-of-way take descriptions were also developed.
03/15-11/16	US Route 121 – Coalfields Expressway Design-Build/P3 Project, Wyoming County, WV - Involved in the design of a 2.13-mile section of divided arterial as a member of the design-build team. This \$45 million P3 project consisted of the design, construction, and financial services necessary for constructing a four-lane section of US Route 121 (also known as the Coalfields Expressway) on new location between East County Route 12/1 and Mullens, including the Mullens Connector road all in Wyoming County, West Virginia. The project consisted of grading and drainage. Responsibilities included QA/QC reviews, calculation checking, access road design, and right-of-way design.
09/16-04/19	US 35 Widening Design-Build/P3 Project, Mason and Putnam Counties, WV - This P3 project consisted of the design, construction and financial services necessary to construct a \$196 million, four-lane section of US Route 35 on new location between WV 869 in Putnam County and Mason County Route 40. The project consists of grading, drainage and structures. Responsibilities include QA/QC reviews, calculation checking, access road design, and right-of-way design.
07/02-09/06; 01/14-08/16	I-64 Widening Project, Putnam County, WV - The project consisted of the study, design and preparation of a design report, NEPA documentation and preliminary contract plans for widening I-64 to six lanes for approximately 3.8 miles. Included the modification of two (2) Interstate Interchanges, widening of three (3) interstate overpass bridges, two (2) new interstate ramp bridges, a replacement of a County Route overpass bridge and a new bridge crossing of Kanawha River which is anticipated to be a cantilever truss. Mr. Shoemaker’s responsibilities included all aspects of the design report, coordination of the NEPA documentation, and modification of the two interstate interchanges including the development of a diverging diamond interchange layout to evaluate as an additional option to the original study.
07/02-02/10	Corridor “H”, Scherr to Foreman, Grant County, WV - Roadway design engineer responsible for a 2.13-mile section of divided arterial that included two large structures as well as a designated bike path along the entire project that was accomplished within the shoulder of the roadway typical. Responsibilities included the drainage design including culverts, storm sewers, erosion and sediment control, and ditch design. He also assisted with the performance of a Value Engineering Analysis regarding the elimination of a large bridge and replacing it with a box culvert and large fill over a native trout stream. The VE was approved by the client and resulted in a large cost savings.
04/01-08/08	WV Route 10, Man to Rita, Logan County, WV - Involved in the design of a 4.2-mile section of divided arterial that included two large structures and a designated bike path along the entire project that was accomplished within the shoulder of the roadway typical. Responsibilities included the drainage design including culverts, storm sewers, erosion and sediment control, and ditch design.
07/09-02/13	RHL Boulevard Extension, Kanawha County, WV - Roadway design engineer responsible for a 0.42 mile long project with a new 422’ bridge. This project added new access to a congested shopping area and added left-hand turning lanes and a new traffic signal to the intersecting roadway (Jefferson Road). The proposed typical section for the boulevard extension will also accommodate bicyclists along the shoulder of the roadway. Responsibilities included urban roadway design to widen Jefferson Road from two to four lanes, urban roadway design along a new alignment, urban stormwater drainage design, sediment and erosion control, temporary traffic control, lighting design, signing and marking plans, and right-of-way plans.

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.	
Name	Justina Conklin, P.E.	Years of experience with this employer	18
Title	Project Manager	Years of experience with other employer(s)	17
Degree(s) / Years / Specialization		B.S. / 1991 / Civil Engineering	
Active registration number / state / expiration date		#C53183 / CA / 06-30-2027	
Year registered	1995	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Sr. Roadway Engineer Justina has over 35 years of civil engineering experience in the planning, design, and construction of transportation-related projects. She has direct responsibility for the preparation and coordination of project deliverables, which include environmental studies, preliminary and final design, technical specifications, cost estimation, permitting, and agency coordination, and construction contract administration.	
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).		
12/22-06/25	San Benito County, On-Call Services, Measure G Pavement Maintenance - Shore Road Rehabilitation from Frazier Lake Road to San Felipe Road (FY24-25), San Benito County, CA - Served as Project Manager for the preparation of PS&E documents associated with road maintenance rehabilitation improvements for a 2.6-mile roadway segment which included utility coordination, pavement design, and drainage design totaling \$4.6M. The maintenance repair was funded using Measure G funds. The design for this project included Full-Depth Reclamation (FDR) and overlay. She also provided engineering support services during construction to address submittals and Contractor RFI’s.		
01/24-10/25	San Benito County, On-Call Services, SB-1 Project Cole Road (Ricardo to Anzar) and Cienega Road (Mudstone Ranch to Bird Creek) (FY 24-25), San Benito County, CA - Served as Project Manager for the preparation of full PS&E documents for road maintenance on Cole Road and Cienega Road totaling \$3.5M. TRC prepared the PS&E for the necessary roadway design, including utility coordination, pavement design, and drainage design. The maintenance repair was funded using SB-1 funds. The designs for these projects included Full-Depth Reclamation (FDR) and overlay and soldier pile wall design for the slip out areas. She also provided construction support services to address submittals and Contractor RFI’s.		
01/21-12/21	San Benito County, On-Call Services, SB-1 Road Maintenance Projects at Various Locations (FY 20-21), San Benito County, CA - Project Manager for the design of PS&E documents associated with various road maintenance projects totaling \$3.6M. The project encompassed the completion of roadway maintenance repairs on segments of Cienega Road, Anzar Road, and Carr Avenue. TRC prepared the PS&E for the necessary roadway design including utility coordination, pavement design, and drainage design. The maintenance repair was funded using SB-1 funds. The designs for these projects included Full-Depth Reclamation (FDR) and overlay and cape seal and overlay.		
01/20-12/20	San Benito County, On-Call Services, SB-1 Road Maintenance Projects at Various Locations (FY 19-20), San Benito County, CA - Project Manager for the design and full PS&E documents for various road maintenance projects totaling \$2.1M. The Project encompassed the completion of roadway maintenance repairs on segments of Fairview Road, Union Road, Cienega Road, Southside Road, Crestview Road, and Hillcrest Road. TRC prepared the PS&E for the necessary roadway design including utility coordination, pavement design, and drainage design. The maintenance repair was funded using SB-1 funds. The designs for these projects included Cold In-Place Recycling (CIR), Full-Depth Reclamation (FDR), cape seal and overlay.		
01/20-12/20	San Benito County, On-Call Services, Measure G Pavement Maintenance Projects at Various Locations (FY 19-20), San Benito County, CA - Project Manager for the design and full PS&E documents for various road maintenance projects totaling \$1.9M. The Project encompassed the completion of roadway maintenance repairs on segments of Union Road, Southside Road, and Buena Vista Road. TRC prepared the PS&E for the necessary roadway design including utility coordination, pavement design, and drainage design. The maintenance repair was funded using SB-1 funds. The designs for these projects Full-Depth Reclamation (FDR) and overlay. In addition, the team provided construction management services to the County during construction.		

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.		
Name	Aaron Bedal, P.E.		Years of experience with this employer	12
Title	Senior Engineer		Years of experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 2013 / Civil Engineering	
Active registration number / state / expiration date			#C86668 / CA / 03-31-2027	
Year registered	2016	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Roadway Engineer Aaron has 12 years of civil engineering experience and performs many engineering tasks on PS&E projects, including the preparation of plans from conceptual design through completion. In preparing PS&E projects, he is responsible for establishing the design parameters for a project that meet current agency standards, leading a design team to prepare conceptual design plans and estimates, and complete the PS&E documents to bid. He is skilled at using AutoCAD Civil 3D for design and plan production and specializes in the design of roadways, pathways, site layout, utility layout, grading, drainage design, and roadway rehabilitation design.	
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).			
12/22-06/25	San Benito County, On-Call Services, Measure G Pavement Maintenance - Shore Road Rehabilitation from Frazier Lake Road to San Felipe Road (FY24-25), San Benito County, CA - Served as Project Engineer for the preparation of PS&E documents for road maintenance rehabilitation improvements for the 2.6-mile roadway segment which included utility coordination, pavement design, and drainage design totaling \$4.6M. The maintenance repair was funded using Measure G funds. The design for this project included Full-Depth Reclamation (FDR) and overlay. He also provided engineering support services during construction to address submittals and Contractor RFI’s.			
01/24-10/25	San Benito County, On-Call Services, SB-1 Project Cole Road (Ricardo to Anzar) and Cienega Road (Mudstone Ranch to Bird Creek) (FY 24-25), San Benito County, CA - Served as Project Engineer for the preparation of full PS&E documents for road maintenance on Cole Road and Cienega Road totaling \$3.5M. Assisted with preparation of the PS&E documents for the necessary roadway design, including utility coordination, pavement design, and drainage design. The maintenance repair was funded using SB-1 funds. The designs for these projects included Full-Depth Reclamation (FDR) and overlay and soldier pile wall design for the slip out areas. He also assisted with the provision of support services during construction.			
01/21-12/21	San Benito County, On-Call Services, SB-1 Road Maintenance Projects at Various Locations (FY 20-21), San Benito County, CA - Project Engineer for the design of full PS&E documents for various road maintenance projects totaling \$3.6M. The Project encompassed the completion of roadway maintenance repairs on segments of Cienega Road, Anzar Road, and Carr Avenue. TRC prepared the PS&E for the necessary roadway design including utility coordination, pavement design, and drainage design. The maintenance repair was funded using SB-1 funds. The designs for these projects included Full-Depth Reclamation (FDR) and overlay and cape seal and overlay.			
01/20-12/20	San Benito County, On-Call Services, SB-1 Road Maintenance Projects at Various Locations (FY 19-20), San Benito County, CA - Project Engineer for the design and full PS&E documents for various road maintenance projects totaling \$2.1M. The Project encompassed the completion of roadway maintenance repairs on segments of Fairview Road, Union Road, Cienega Road, Southside Road, Crestview Road, and Hillcrest Road. TRC prepared the PS&E for the necessary roadway design including utility coordination, pavement design, and drainage design. The maintenance repair was funded using SB-1 funds. The designs for these projects included Cold In-Place Recycling (CIR), Full-Depth Reclamation (FDR), cape seal and overlay.			
01/20-12/20	San Benito County, On-Call Services, Measure G Pavement Maintenance Projects at Various Locations (FY 19-20), San Benito County, CA - Project Engineer for the design and full PS&E documents for various road maintenance projects totaling \$1.9M. The Project encompassed the completion of roadway maintenance repairs on segments of Union Road, Southside Road, and Buena Vista Road. TRC prepared the PS&E for the necessary roadway design including utility coordination, pavement design, and drainage design. The maintenance repair was funded using SB-1 funds. The designs for these projects Full-Depth Reclamation (FDR) and overlay. In addition, the team provided construction management services to the County during construction.			

16. Staff Experience:

Firm employed by		TRC Engineers, Inc.	
Name	Ja’Porcha Joubert, EI	Years of experience with this employer	<1
Title	Roadway Designer	Years of experience with other employer(s)	2
Degree(s) / Years / Specialization		B.S. / 2023 / Civil Engineering	
Active registration number / state / expiration date		#EI.0035872 / LA / 03-31-2027	
Year registered	2024	N/A	
Contract role(s) / brief description of responsibilities		Roadway Designer	
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).		
03/26-Present	Louisiana Department of Transportation and Development, LA1/LA415 Connector, West Baton Rouge Parish, LA - Serves as an Engineer Intern for this project while tasked with the development of pavement marking plans. This project includes approximately 2.7 miles of new four-lane roadway and bridges over the Gulf Intracoastal Waterway, Sun Plus Parkway, and LA 1. This project also includes an interchange reconfiguration to a diverging diamond at the LA 415 connection to I-10 with ramp modifications, and the realignment of LA 1 to accommodate ramp configuration and future widening.		
08/23-12/23	East Baton Rouge Parish, Old Hammond Highway Improvements, Segment 2, Baton Rouge, LA - Served as a student intern for this project tasked with quantity calculations and final plan sheet revisions for the reconstruction work along Old Hammond Highway. This project involves the reconstruction of a two-lane highway to a four-lane divided highway and intersecting side roads as part of the City’s MoveBR Plan.		
01/24-03/26	Louisiana Department of Transportation and Development, Traffic Monitoring Section, Baton Rouge, LA – Employed as a Traffic Monitoring Engineer Intern 2. Responsibilities included assisting senior engineers with editing and creating Louisiana road and highway segments using ESRI Roads & Highways integration processes; coordinating with contractors to ensure work was completed in compliance with approved plans and specifications; supporting senior engineers by uploading, extracting, and managing traffic data within Transportation Data Management Systems (TDMS); and performing quality assurance and quality control (QA/QC) on traffic data uploaded to the DOTD’s traffic server.		

16. Staff Experience:

Firm employed by		Gresham Smith		
Name	Herbert “Bert” Moore, II, P.E., PLS, PTOE		Years of relevant experience with this employer	11
Title	Project Executive		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			B.S. / 1999 / Civil Engineering	
Active registration number / state / expiration date			#P.E.0031065 / LA / 09-30-2026 #PLS.5043 / LA / 09-30-2026	
Year registered	2004 (PE) 2010 (PLS)	Discipline	Civil Engineering (PE) Land Surveying (PLS) Other Pertinent Training / Certifications Professional Traffic Operations Engineer – PTOE (#2728, expires 9/30/2027) Traffic Engineering Analysis Process & Report – Module 1 (Jue 2018) Traffic Engineering Analysis Process & Report – Module 2 (June 2018) Traffic Engineering Analysis Process & Report – Module 3 (October 2018) Traffic Control Supervisor Refresher-LA State Specific (4/7/2023 – 4/7/2027) ATSSA Certified Flagger (5/9/2023 – 5/8/2027)	
Contract role(s) / brief description of responsibilities			Project Executive (Satisfies MPR #5) Bert will provide overall contract management and direction for our team, and lead traffic-related tasks as needed. Over his 27 years of experience as both as a consultant and as LADOTD’s District Traffic Operations Engineer for District 61 , Bert has demonstrated his knowledge of LADOTD requirements and preferences, and proven adept at getting things done efficiently. Bert has spent the majority of his 26-year career working with the traffic signal system and ITS equipment in the Baton Rouge area, having performed design, operations, CE&I and maintenance duties on these systems.	
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).			
05/17-01/19	LADOTD, US 171 MLK Boulevard Traffic Study, Lake Charles, LA - Project Executive. The study area included 3 miles of US 171, 8 signalized intersections and a cloverleaf interchange with Interstate 10. Traffic count data was collected used to create Vissim models of the study area. These models were calibrated to accurately represent existing traffic patterns along the corridor. Alternative solutions were analyzed with additional models. Conceptual designs for potential solutions were developed and presented to the public in an open house public meeting.			
02/18-Present	TDOT, I-40 at Donelson Pike Interchange, Nashville, TN - Project Designer. The purpose of the proposed I-40/SR 255 (Donelson Pike) Interchange modification is to improve traffic operations at the interchange and access to the Nashville International Airport (BNA). The airport serves a large portion of Tennessee residents as well as residents from surrounding states; the interchange is the airport’s primary access point and very important to the overall success of the state and its tourist industry. The project consists of a proposed Diverging Diamond Interchange, a 1.2-mile collector-distributor road along I-40 eastbound, and 1.75 miles of new urban alignment for the relocation of Donelson Pike.			
05/17-03/19	LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA - Project Executive. Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. The project included data collection, development of growth rates, lead the Road Safety Assessment, developing and calibrating an existing VISSIM model and evaluation of the proposed alternative. Bert was responsible for the overall study, overseeing data collection, conducting safety analysis, development of VISSIM models, development of alternatives and the report.			

16. Staff Experience:

Firm employed by		Gresham Smith		
Name	Rebecca Murray, P.E., PTOE, RSP1		Years of relevant experience with this employer	11
Title	Traffic Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S., / 2015 / Civil Engineering	
Active registration number / state / expiration date			#PE.0043788 / LA / 03-31-2028	
Year registered	2019 (PE) 2020 (PTOE) 2021 (RSP1)	Discipline	Civil Engineering (PE) Traffic Engineering (PTOE) Other Pertinent Training / Certifications Professional Traffic Operations Engineer – PTOE (#4861, expires 3/26/2029) Road Safety Professional 1 - RSP1 (#611, expires 04-05-2027) Traffic Engineering Analysis Process & Report – Module 1 (July 2018) Traffic Engineering Analysis Process & Report – Module 2 (July 2018) Traffic Engineering Analysis Process & Report – Module 3 (October 2018) ATSSA Louisiana Traffic Control Supervisor Refresher (2/23/2024-2/23/2028) ATSSA Certified Flagger (2/21/2024 – 2/21/2028)	
Contract role(s) / brief description of responsibilities			Traffic Engineer (Satisfies MPR #5) Rebecca will assist with the traffic management plans and studies task.	
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).			
05/17-03/19	LADOTD, I-210 at LA 1138-2 (Nelson Road) Interchange Modification Re-Evaluation Study, Lake Charles, LA - Pre Professional. Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. The project included data collection, development of growth rates, conduct a Road Safety Assessment, developing and calibrating an existing VISSIM model and evaluation of the proposed alternative. Rebecca was responsible for overseeing data collection, participated on the RSA team, conducting safety analysis, development of VISSIM models, development of alternatives and development of the report.			
05/17-01/19	LADOTD, US 171 MLK Boulevard Traffic Study, Lake Charles, LA - Pre-Professional. Rebecca’s role was to oversee data collection, develop a data collection report, perform the safety analysis, develop VISSIM models for 6 alternatives and calibrate the models, develop presentation material for the public meeting and development of the final report.			
02/18-Present	TDOT, I-40 at Donelson Pike Interchange, Nashville, TN - Project Designer. The purpose of the proposed I-40/SR 255 (Donelson Pike) Interchange modification is to improve traffic operations at the interchange and access to the Nashville International Airport (BNA). The airport serves a large portion of Tennessee residents as well as residents from surrounding states. The interchange is the airport’s primary access point and very important to the overall success of the state and its tourist industry. The project consists of a proposed Diverging Diamond Interchange, a 1.2-mile collector-distributor road along I-40 eastbound, and 1.75 miles of new urban alignment for the relocation of Donelson Pike.			
04/18-05/19	LADOTD, I-10 TMP West of LA 108 to I-210 Interchange TMP, Lake Charles, LA - Pre-Professional. Gresham Smith developed a TMP for the Rubblization and Overlay on I-10 between I-210 and the LA 108 Interchange. Included the mill and overlay of I-10, widening two flat deck bridges on I-10 to add a lane, and replacing all of the concrete panels on I-10 through the LA 108 interchange. Traffic was moved to a C/D road within the interchange and cloverleaf ramps were closed during construction. Two temporary traffic signals were designed to facilitate traffic at this interchange, and this project included data collection and queue and safety analyses and traffic signal design. Rebecca assisted with traffic counts and queue analysis, safety analysis, alternate route/detour analysis, temporary traffic control, and development of the TMP report.			

16. Staff Experience:

Firm employed by		Gresham Smith		
Name	Alben Cooper III, P.E., PTOE		Years of relevant experience with this employer	2
Title	Senior Traffic Engineer		Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization			B.S. / 2006 / Civil Engineering	
Active registration number / state / expiration date			#PE.0036291 / LA / 09-30-2027	
Year registered	2011 (PE) 2012 (PTOE)	Discipline	Civil Engineering (PE) Traffic (PTOE) Other Pertinent Training / Certifications Professional Traffic Operations Engineer – PTOE (#3206, expires 5/2/2027) Traffic Engineering Analysis Process & Report – Module 1 (July 2018) Traffic Engineering Analysis Process & Report – Module 2 (July 2018) Traffic Engineering Analysis Process & Report – Module 3 (October 2018)	
Contract role(s) / brief description of responsibilities			Senior Traffic Engineer (Satisfies MPR #5) Alben will lead the traffic management plans task.	
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).			
08/24-01/26	LADOTD, Lafourche Flashing Yellow Arrow Signal Upgrades, Lafourche Parish, LA - Senior Engineer. Alben was the Engineer-of-Record, and his role included technical advisory, review of traffic signal design, cost estimation, plan set QA/QC and coordination with the client.			
08/21-Present	MoveBR, Synch & Comm Signal Upgrades Phase 2, Baton Rouge, LA - Project Manager. Gresham Smith was selected to redesign the traffic signals for seven intersections within Baton Rouge, Louisiana. Phase 1 will replace outdated equipment with the latest technologies and improve the operations for both vehicular and non-vehicular users. Phase II will replace outdated equipment with the latest technologies and improve the operations for both vehicular and non-vehicular users.			
08/20-08/21	Westbank Expressway at Whitney Ave Signal Modifications, Jefferson Parish, LA – Lead Designer. As lead designer, Alben was responsible for the design of signal modification at the intersection of Westbank Expressway and Whitney Ave. The signal modifications were required to accommodate a new multi-use path crossing at the southern portion of the intersection. The crossing included audible push button activation for a pedestrian phase to run concurrently with the existing phasing. Mr. Cooper coordinated with DOTD to ensure the design met all requirements for the signalized crossing.			
04/24-01/26	LADOTD, TO #16 Richwood Traffic Study, Richwood, LA - Senior Engineer. Gresham Smith performed a traffic study with the goal of improving the pedestrian facilities along US 165 between Richwood Road 1 and Richwood Road 2. Alben provided technical assistance and quality control for the traffic study which included data collection, safety analysis and alternative development. Potential alternatives included sidewalks, pedestrian crossings a select locations and conversion of US 165 to a superstreet corridor.			

16. Staff Experience:

Firm employed by		Gresham Smith		
Name	Kofi Ampofo-Twumasi, E.I.		Years of relevant experience with this employer	3
Title	Engineer Intern		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization			M.S. / 2022 / Civil Engineering B.S. / 2019 / Civil Engineering	
Active registration number / state / expiration date			#EI.0035386 / LA / 09-30-27	
Year registered	2022	Discipline	N/A Other Pertinent Training / Certifications Traffic Engineering Analysis Process & Report – Modules 1, 2 and 3 (February 2023) ATSSA Certified Flagger (5/31/2023 – 5/23/2027)	
Contract role(s) / brief description of responsibilities			Traffic Designer Kofi will support the traffic related tasks.	
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).			
04/24-01/26	LADOTD, Task Order 16, Richwood Traffic Study - Engineer Intern. Gresham Smith performed a traffic study with the goal of improving the pedestrian facilities along US 165 between Richwood Road 1 and Richwood Road 2. Kofi’s role on the project was to oversee data collection, develop a data collection report, perform peak hour traffic observations, determine a growth rate, perform the safety analysis/crash review, perform existing and proposed traffic analysis, develop Synchro models for Existing, Future No Build and Build alternatives, and prepare the project report.			
08/21-01/26	LADOTD, LRSP TO #6 (LA-14: US 90 to Power Center Pkwy) Traffic Report, Lake Charles, LA - Engineer Intern. Gresham Smith prepared and coordinated a traffic report to analyze no build and future conditions to identify possible pedestrian mitigation alternatives along LA 14 from US 90 (Fruge Street) to Power Centre Pkwy. This traffic report was prepared in conjunction with the DOTD Engineering Directives and Standards Manual (EDSM).			
12/24-Present	LADOTD, SRTPPP TO #4, LA 60: Bogalusa, Bogalusa, LA - Senior Engineer. Gresham Smith is conducting a pedestrian safety assessment along LA 60 in front of Bogalusa High School to address heavy student crossing demand during key times. The study follows LADOTD’s Traffic Engineering Process and identified multiple deficiencies such as worn crosswalks, inconsistent sidewalks, and parking encroachments. Several improvement alternatives, including school crossing signals, road diet, and sidewalk installation, are being evaluated. Coordination with LADOTD, school officials, and local stakeholders is ongoing to inform about potential access changes.			
04/22-Present	MoveBR, Contract for Signal Rebuild Phase 2, Group 2 Design Services Parish Synchronization & Communication, Baton Rouge, LA - Engineer Intern. Gresham Smith is providing services through a Master Contract: 43075.00 LADOTD-Retainer-ITS CE&I Services-Statewide (Contract 44-11253, T.O. #011513) to implement the Fiber Optic Mapping & Management system in Lake Charles, New Orleans and Monroe. Our team is providing management throughout the duration of the project for all tasks.			

16. Staff Experience:

Firm employed by		NTB Associates, Inc.		
Name	Mike J. King, PLS		Years of relevant experience with this employer	19.5
Title	Vice President		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			B.S. / 2012 / Construction Management, Louisiana State University	
Active registration number / state / expiration date			#PLS.0005127 / LA / 09-30-2027	
Year registered	2015	Discipline	Professional Surveyor	
Contract role(s) / brief description of responsibilities			Project Manager for Topographic Surveying (satisfies MPR #4) Mike will serve as NTBA’s Survey Project Manager for topographic surveying services during this contract. He will manage field crews, file processing, drafting, and submittals. Mike has over 20 years of surveying experience.	
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).			
01/23-04/26	LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) - Assistant Project Manager assisting in the management of field crews and technicians for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final 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.			
08/21-04/26	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) - Assistant Project Manager assisting in the management of field crews and technicians for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub to BKI.			
04/21-04/26	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) - Assistant Project Manager assisting in the management of field crews and technicians for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub to Waggoner.			
08/22-04/26	Delta Utilities/ CenterPoint Energy, Surveying & SUE Services, Various Parishes, LA (Various Agency Proj. Nos.) - Quality Control Surveyor assisting in staffing, coordination, and QA/QC for topographic surveys, property surveys, surveys in support of SUE, title takeoffs, boundary and right-of-way calculations, CADD drawings, and plats for maintenance and construction projects. To date, NTBA has worked on over 100 separate projects stretching from Lake Charles to Lafayette to Shreveport, and along the Northshore of Lake Pontchartrain.			
12/24-05/25	LaDOTD Contract for Topographic Surveys, Box Culvert Replacements, Tasks Orders 1-4, Evangeline, St. Landry, & Bienville Parishes (4400021975) - Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control surveys, topographic surveys, and surveys in support of QL D subsurface utility record research for preliminary designs of box culvert initiative projects.			
12/17-11/24	LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) - Assistant Project Manager assisted in the management of field crews and technicians for topographic surveys, 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.			
04/22-04/23	LaDOTD I-20 Monkhouse to I-49, Caddo Parish, LA (4400017713) - Assistant Project Manager assisted in the management of field crews and technicians for Static GPS Control, topographic surveys, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.			
03/21-03/22	City-Parish Ward Creek at Siegen Lane, East Baton Rouge Parish, LA (22-DR-US-0013) - Quality Control Surveyor reviewed and processed data for control, topographic, and property surveys along with surveys in support of QL B, C, and D subsurface utility designating services.			

12/20-03/22	LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) - Assistant Project Manager assisted in the management of field crews and technicians for topographic surveys and surveys in support of QL C & D subsurface utility designating for bridge repair/ rehabilitation.
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 reviewed data and drafting for Static GPS Control surveys, topographic, property, and 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.
07/16-03/17	LaDOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 & H.002337.5) - Assistant Project Manager assisted in the management of survey crews and technicians for topographic surveys, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation for roadway rehabilitation.
04/15-02/16	LaDOTD I-20 (Airline Drive to I-220) Bossier Parish, LA (4400005532 & H.011319.5) - Quality Control Surveyor reviewed data and drafting for topographic surveys for interstate rehabilitation.
05/13-10/15	Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Proj. No. Unknown) - Sr. Party Chief/ Technician ran a field crew and downloaded data for topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation for the use in engineering plan and specifications.
04/15-09/15	LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) - Quality Control Surveyor reviewed data and drafting for topographic surveys, drainage map preparation, and surveys in support of QL B subsurface utility designating for bridge rehabilitation.
02/14-03/15	LaDOTD Earhart Expressway Extension to US 61, Route LA 3139, Jefferson Parish, LA (H.004367.5) - Sr. Survey Party Chief/Tech. ran a field crew and processed data for topographic surveying services for an overpass connection, relocation of existing lanes, and construction of additional lanes as a sub to AECOM
07/12-01/14	LaDOTD I-10 Loyola Ave. to Williams Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) - Sr. Survey Party Chief/Tech. managed a survey crew and processed data for topographic surveys for interstate rehabilitation as a sub to GEC, Inc.
07/12-06/13	LaDOTD I-10 Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) - Sr. Survey Party Chief/Tech. ran a field crew and processed data for topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL A, B, C, and D subsurface utility designating/ locating for interstate rehabilitation as a sub to GEC, Inc.
07/10-10/12	LaDOTD LA 42 Widening and Improvements, District 61, Ascension Parish, LA (700-03-0125 & 701-65-1538) - Survey Party Chief/ Technician ran a field crew and processed data for topographic and property surveys in support of base and final right-of-way mapping, and title work.
02/11-08/11	LaDOTD I-20 Rehabilitation Westerfield Avenue to Industrial Drive, District 04, Bossier Parish, LA (H.003860.5 & 700-99-0525) - Survey Party Chief/Tech. managed a survey crew and processed data for topographic surveys for interstate rehabilitation.
09/09-03/10	LaDOTD Lawrence, Bogalusa, and Coburn Creek Bridges, Route LA 10, Washington Parish, LA (700-99-0484 & 701-65-1347) - Survey Party Chief/ Technician ran a field crew and processed data for topographic and property surveys in support of title work, title updates, title take-offs, and right-of-way map preparation.

16. Staff Experience:

Firm employed by		NTB Associates, Inc.		
Name	Bryan T. Bunch, PLS		Years of relevant experience with this employer	17
Title	Executive Vice President		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization			B.S. / 1988 / Survey and Land Information Systems, University of Arkansas	
Active registration number / state / expiration date			#PLS.0005014 / LA / 03-31-2028	
Year registered	2009	Discipline	Professional Surveyor	
Contract role(s) / brief description of responsibilities			Assistant Survey Project Manager (satisfies MPR #4) Bryan will serve as NTBA Assistant Survey Project Manager assisting in staff management, processing, and preparation of deliverables for topographic surveying 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).			
01/23-04/26	LaDOTD 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 surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final 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.			
09/24-04/26	LaDOTD IDIQ Contract for Professional Boundary Surveying Services, LA (4400027918) - Assistant Survey Project Manager assisting in staffing, coordination, and QA/QC for topographic surveys and property surveys in support of title take-offs, description preparations, preliminary and final right-of-way mapping in support of roadway design improvements.			
09/20-04/26	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 surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub to Waggoner.			
08/22-04/26	Delta Utilities/ CenterPoint Energy, Surveying & SUE Services, Various Parishes, LA (Various Agency Proj. Nos.) - Quality Control Surveyor assisting in staffing, coordination, and QA/QC for topographic surveys, property surveys, surveys in support of SUE, title takeoffs, boundary and right-of-way calculations, CADD drawings, and plats for maintenance and construction projects. To date, NTBA has worked on over 100 separate projects stretching from Lake Charles to Lafayette to Shreveport, and along the Northshore of Lake Pontchartrain.			
07/23-04/26	LaDOTD IIA Off-System Bridge Program, District 62 (4400025041) - Quality Control Surveyor assisted in staffing, coordination, and QA/QC for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping in support of bridge replacements.			
12/24-05/25	LaDOTD Contract for Topographic Surveys, Box Culvert Replacements, Tasks Orders 1-4, Evangeline, St. Landry, & Bienville Parishes (4400021975) - Assisted in the supervision and review of survey data and processing for Static GPS Control surveys, topographic surveys, and surveys in support of QL D subsurface utility record research for preliminary designs of box culvert initiative projects.			
12/17-11/24	LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) - Survey Project Manager directed field crews, file processing, drafting, and submittals for Static GPS Control surveys, topographic surveys, 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.			
04/22-04/23	LaDOTD I-20 Monkhouse to I-49, Caddo Parish, LA (4400017713) - Survey Project Manager directed field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.			

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.
12/20-03/21	LaDOTD LA 6: Youngs Bayou Bridge Rehab, Natchitoches Parish, LA (4400017713 & H.013821.5) - Assistant Project Manager assisted in the supervision and review of survey data and processing for topographic surveying services.
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 Static GPS Control surveys, topographic, property, and 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.
05/16-06/18	LaDOTD LA 675 & LA 87 Improvements in New Iberia, Iberia Parish, LA (4400002562 & 4400006814) - Project Manager directed field crews, file processing, drafting, and submittals for topographic surveying services as a sub to Stanley Consultants, Inc.
11/15-05/17	Bossier Parish Police Jury, Winfield Road Extension, East/West (LA 3 to Airline Highway) Bossier Parish, LA (DEC 15-11-03) - Quality Control Surveyor assisted in staffing, coordination, and QA/QC for control surveys, topographic surveys, property surveys, right-of-way mapping, QL D subsurface utility services, and drainage map preparation as a sub to Denmon (Volkert).
07/16-03/17	LaDOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 & H.002337.5) - Survey Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation for roadway rehabilitation.
10/15-07/16	LaDOTD MacArthur Interchange Completion (Phase II) Route US 90-Z, Jefferson Parish, LA (4400005142 & H.011309.5) - Project Manager directed field crews, file processing, drafting, and submittals for topographic surveying services as a sub to SDR Engineering.
04/15-02/16	LaDOTD I-20 (Airline Drive to I-220) Route I-20, Bossier Parish, LA (4400005532 & H.011319.5) - Assistant Project Manager supervised south LA crew members and technicians for topographic surveying services.
05/13-10/15	Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) - Quality Control Surveyor assisted in staffing, coordination, and QA/QC for topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation for the use in engineering plan and specifications.
04/15-09/15	LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) - Quality Control Surveyor assisted in staffing, coordination, and QA/QC for topographic surveys, drainage map preparation, and surveys in support of QL B subsurface utility designating for bridge rehabilitation.
02/14-03/15	LaDOTD Earhart Expressway Extension to US 61, Route LA 3139, Jefferson Parish, LA (H.004367.5) - Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveys for an overpass connection, relocation of existing lanes, and construction of additional lanes as a sub to AECOM.
07/12-01/14	LaDOTD I-10 Loyola Ave. to Williams Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) - Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveys for interstate rehabilitation as a sub to GEC, Inc.
07/12-06/13	LaDOTD I-10 Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) - Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveys for interstate rehabilitation as a sub to GEC, Inc.

16. Staff Experience:

Firm employed by		NTB Associates, Inc.		
Name	Patrick C. Staiano, PLS		Years of relevant experience with this employer	6.5
Title	Staff Surveyor		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			B.S. / 2008 / Construction Management, Louisiana State University / ATSSA TCS	
Active registration number / state / expiration date			#PLS.0005130 / LA / 09-30-2027	
Year registered	2015	Discipline	Professional Surveyor	
Contract role(s) / brief description of responsibilities			Quality Control Surveyor Patrick will serve as NTBA’s Quality Control Surveyor for topographic surveying services during this contract responsible for assisting with quality control management of field and office operations. He has over 16 years of surveying experience.	
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).			
09/24-04/26	LaDOTD IDIQ Contract for Professional Boundary Surveying Services, LA (4400027918) - Project Manager directing field crews, file processing, drafting, and submittals for topographic surveys and property surveys in support of title take-offs, description preparations, preliminary and final right-of-way mapping in support of roadway design improvements.			
01/23-04/26	LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) - Assistant Project Manager assisting in the management of field crews, file processing, drafting, and submittals for Static GPS control surveys, topographic surveys, property surveys, surveys in support of QL B, C, and D subsurface utility designating, title take-offs, legal description preparation, and preliminary and final 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.			
09/22-04/26	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) - Assistant Project Manager assisting in the management of field crews, file processing, drafting, and submittals for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparations, and preliminary and final right-of-way mapping for 34 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to BKL.			
09/22-04/26	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) - Assistant Project Manager assisting in the management of field crews, file processing, drafting, and submittals for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparations, and preliminary and final right-of-way mapping for 21 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to Waggoner.			
09/22-09/25	Delta Utilities/ CenterPoint Energy, Surveying & SUE Services, Various Parishes, LA (Various Agency Proj. Nos.) - Assistant Project Manager assisting in the management of field crews, file processing, drafting, and submittals for topographic surveys, property surveying services, surveys in support of SUE, title research, title take-offs, boundary and right-of-way calculations, and reviews of CADD drawings and plats for maintenance and construction projects.			
09/22-09/25 03/18-02/21	Apache Corporation, Infrastructure Improvements, Permian Basin, Reeves Counties, TX (Agency Proj. Nos. Unknown) - Project Manager managing property surveying services and right-of-way acquisition mapping for approximately 84 miles of infrastructure improvements. Patrick has prepared approximately 131 property acquisition plats for this project.			
09/22-09/25 03/18-02/21	Targa Pipeline, Natural Gas Gathering System, Howard and Martin Counties, TX (Agency Proj. Nos. Unknown) - Quality Control Surveyor reviewing drafting and property acquisition plats as well as assisting with management of property surveying services. Patrick has prepared approximately 250 property acquisition plats for this project.			

07/23-05/25	LaDOTD IIJA Off-System Bridge Program, District 62 (4400025041) - Project Manager directing field crews, file processing, drafting, and submittals for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping in support of bridge replacements.
03/21-08/22	MOVEBR Jefferson Hwy. at Bluebonnet Intersection Improvements, LA (City Parish No. 20-CP-HC-0046) - Project Manager managed field crews and technicians for topographic surveys, property surveys, and right-of-way mapping.
03/20-02/21	UPRR Big Sandy Siding Survey, Upshur and Wood Counties, TX (29543/90502) - Assistant Project Manager performed property surveying services for 15 parcels along railroad consisting of approximately 3.24 miles of track to establish the existing railroad right-of-way. Prepared 8 ALTA Surveys along with the privately owned parcels for acquisition, 0.25-acre acquisition parcel in the right-of-way, and an overall right-of-way strip map.
09/19-02/20	DCP Midstream, MaBee Ranch Line Locates, Martin and Andrews Counties, TX (19-056-001) - Project Manager managed property surveying services in support of property acquisition services for 32 individual pipelines totaling approximately 22 miles.
03/18-10/18	Rogillio Resubdivision, East Baton Rouge & East Feliciana Parishes, LA (Agency Proj. No. Unknown) - Assistant Project Manager performed title take-offs, boundary, and right-of-way calculations, and reviewing CADD drawings and plats for resubdivision services for 93 acres.
04/17-03/18	LaDOTD LA 653 Bayou Dumar Bridge Replacement, Lafourche Parish, LA (H.008118) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.5-mile project.
01/17-03/18	LaDOTD LA 450 Stoney Point Bridge Replacement, Washington Parish, LA (Proj. No. Unknown) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys and prepared title work info and right-of-way maps for a +/-0.25-mile project.
09/17-01/18	LaDOTD LA 1026: Roundabout at Buddy Ellis Rd., Livingston Parish, LA (H.011824) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.3-mile project.
10/17-12/17	LaDOTD US 190B Jefferson Ave. Roundabout Covington, St. Tammany Parish, LA (H.011260) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.1-mile project.
06/17-10/17	LaDOTD LA 22: Near I-10 Geometric Improvements, Ascension Parish, LA (H.011314) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.75-mile project.
05/17-09/17	LaDOTD LA 59: Roundabout @ Lonesome Rd., Tangipahoa Parish, LA (H.011030) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.5-mile project.
03/16-08/17	LaDOTD LA 59: Curve Realignment and Tunnel at Trace, St. Tammany Parish, LA (H.010184) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.75-mile project.
03/17-07/17	LaDOTD LA 1042: Bridges Near Greensburg, St. Helena Parish, LA (H.008312) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/- 2-mile project.
03/16-02/17	LaDOTD LA 22 Roundabout @ Dunson Rd., Tangipahoa Parish, LA (Proj. No. Unknown) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.25-mile project.
03/16-01/17	LaDOTD LA 1024 Near Friendship, Livingston Parish, LA (Proj. No. Unknown) - Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.5-mile project.

16. Staff Experience:

Firm employed by				NTB Associates, Inc.			
Name		Captayn Chapman		Years of relevant experience with this employer		12	
Title		Party Chief		Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization				High School Diploma, 2006 U.T.A. Certified Professional Utility Locator ATSSA TCS			
Active registration number / state / expiration date				Other Pertinent Training / Certifications Traffic Control Supervisor Refresher-LA State Specific (2/8/2023 – 2/8/2027)			
Year registered		N/A		Discipline		N/A	
Contract role(s) / brief description of responsibilities				Survey Party Chief Captayn will serve as an NTBA Survey Party Chief during this contract. He will lead a field crew and download data for topographic survey services.			
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).					
01/23-04/26		LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) - Survey/ SUE Party Chief running a field crew and downloading data for Static GPS Control surveys, topographic surveys, and property surveys in support of title take-offs, title research, preliminary and final right-of-way mapping, and QL A, B, C, & D utility designating/ locating for the design-build project to replace the Jimmy Davis Bridge across the Red River.					
09/24-04/26		LaDOTD IDIQ Contract for Professional Boundary Surveying Services, LA (4400027918) Survey Party Chief running a field crew and downloading data for topographic surveys and property surveys in support of title take-offs, description preparations, preliminary and final right-of-way mapping for roadway design improvements.					
04/21-04/26		LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) - Survey/ SUE Party Chief running a field crew and downloading data for Static GPS Control surveys, topographic surveys, and property surveys in support of title take-offs, legal description preparation, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub to Waggoner.					
07/23-04/26		LaDOTD IJA Off-System Bridge Program, District 62 (4400025041) - Survey Party Chief running a field crew and downloading data for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping in support of bridge replacements.					
12/17-11/24		LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) - Survey/ SUE Party Chief ran a field crew for topographic surveys and surveys in support of QL B, C, and D subsurface utility designating for approximately 13 miles.					
08/21-02/22		LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) - Survey/ SUE Party Chief ran a field crew and downloaded data for topographic surveys and surveys in support of QL C & D subsurface utility services for bridge repair/ rehabilitation.					
01/21-04/21		LaDOTD LA 3125 @ LA 3274 Roundabout, St. James Parish, LA (H.014416.5) - Survey Party Chief ran a field crew and downloaded data for topographic surveys for the design of a roundabout intersection.					
12/20-01/21		LaDOTD LA 6: Youngs Bayou Bridge Rehab, Natchitoches Parish, LA (4400017713 & H.013821.5) - Instrument Man performed on a field crew for topographic surveys for bridge rehabilitation.					

16. Staff Experience:

Firm employed by		NTB Associates, Inc.		
Name	Belton Davis, Jr.		Years of relevant experience with this employer	7.5
Title	Party Chief		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			U.T.A. Certified Professional Utility Locator	
Active registration number / state / expiration date			Other Pertinent Training / Certifications	
			Traffic Control Supervisor Refresher-LA State Specific (2/7/2023 – 2/7/2027)	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Survey Party Chief	
			Belton will serve as an NTBA Survey Party Chief during this contract. He will lead a field crew and download data for topographic survey 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).			
09/24-04/26	LaDOTD IDIQ Contract for Professional Boundary Surveying Services, LA (4400027918) Survey Party Chief running a field crew and downloading data for topographic surveys and property surveys in support of title take-offs, description preparations, preliminary and final right-of-way mapping for roadway design improvements.			
01/23-04/26	LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) - Survey/ SUE Party Chief running a field crew and downloading data for Static GPS Control surveys, topographic surveys, and property surveys in support of title take-offs, title research, preliminary and final right-of-way mapping, and QL A, B, C, & D utility designating/ locating for the design-build project to replace the Jimmy Davis Bridge across the Red River.			
07/23-04/26	LaDOTD IJJA Off-System Bridge Program, District 62 (4400025041) - Survey/ SUE Party Chief running a field crew and downloading data for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping in support of bridge replacements.			
09/22-04/26	Delta Utilities/ CenterPoint Energy, Surveying & SUE Services, Various Parishes, LA (Various Agency Proj. Nos.) - Survey/ SUE Party Chief running a field crew and downloading data for topographic surveys , property surveying services, surveys in support of SUE, title research, title take-offs, boundary and right-of-way calculations, and reviews of CADD drawings and plats for maintenance and construction projects.			
12/24-01/25	LaDOTD Contract for Topographic Surveys, Box Culvert Replacements, Tasks Orders 1-4, Evangeline, St. Landry, & Bienville Parishes (4400021975) - Survey/ SUE Party Chief ran a field crew and downloaded data for Static GPS Control surveys, topographic surveys, and surveys in support of QL D subsurface utility record research for preliminary designs of box culvert initiative projects.			
06/18-10/24	LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) - Survey/ SUE Party Chief ran a field crew and downloaded data for topographic surveys, 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.			
04/22-04/23	LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Survey Party Chief ran a field crew and downloaded data for topographic surveys and surveys in support of QL C & D subsurface utility services and drainage map preparation for interstate rehabilitation.			
02/21-04/21	LaDOTD LA 3125 @ LA 3274 Roundabout, St. James Parish, LA (H.014416.5) Rodman performing on a field crew for topographic surveys and surveys in support of QL B, C, & D subsurface utility designating.			
07/19-02/20	LaDOTD I-10: Loyola Interchange, Kenner, Jefferson Parish, LA (H.011670) Rodman performing on a field crew for QL B, C, and D subsurface utility designating, topographic surveys , surveys in support of QL A, B, C, and D subsurface utility designating/ locating for approximately 5 miles.			

16. Staff Experience:

Firm employed by		NTB Associates, Inc.	
Name	Jeremy Reppond	Years of relevant experience with this employer	9
Title	Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		High School Diploma, 2011 / FAA UAS Remote Pilot (#4282637)	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Survey Party Chief Jeremy will serve as Survey Party Chief during this contract. He will lead a field crew and download data for topographic survey 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).		
08/22-04/26	Delta Utilities/ CenterPoint Surveying & SUE Services, Various Parishes, LA (Various Agency Proj. Nos.) - Survey Party Chief running a field crew and downloading data for topographic surveys , property surveys, and surveys in support of SUE for maintenance and construction projects. To date, NTBA has worked on over 100 separate projects stretching from Lake Charles to Lafayette to Shreveport, and along the Northshore of Lake Pontchartrain.		
07/23-10/24	LaDOTD Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) - Survey Party Chief ran a field crew and downloaded data for Static GPS Control surveys, topographic surveys , property surveys, and surveys in support of QL A, B, C, & D utility designating/locating for the design-build project to replace the Jimmy Davis Bridge across the Red River.		
09/21-08/24	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) - Survey Party Chief ran a field crew and downloaded data for Static GPS Control surveys, topographic surveys , and property surveys in support of title take-offs, legal description preparation, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub to BKI.		
04/22-04/23	LaDOTD I-20 Monkhouse to I-49, Caddo Parish, LA (4400017713) - Survey Party Chief ran a field crew and downloaded data for Static GPS Control, topographic surveys , and surveys in support QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.		
05/21-05/21	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) - Survey Party Chief running a field crew and downloading data for Static GPS Control surveys, topographic surveys , and property surveys in support of title take-offs, legal description preparation, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub to Waggoner.		
10/21-02/22	LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) - Instrument Man performed on a field crew for topographic surveys and surveys in support of QL C & D subsurface utility services for bridge repair/ rehabilitation.		
02/21-02/21	LaDOTD LA 3125 @ LA 3274 Roundabout, St. James Parish, LA (H.014416.5) - Instrument Man performed on a field crew for topographic surveys for the design of a roundabout intersection.		
12/20-02/21	LaDOTD LA 6: Youngs Bayou Bridge Rehab, Natchitoches Parish, LA (4400017713 & H.013821.5) - Instrument Man performed on a field crew for topographic surveys for bridge rehabilitation.		
05/19-07/19	LaDOTD US 167, LA 2: Middle Slough & Creek Bridges, Union Parish, LA (4400009385 & H. 012037.5) - Instrument Man performed on a field crew for topographic surveying services for bridge rehabilitation/design for two separate bridge site locations.		

16. Staff Experience:

Firm employed by WSP USA Inc.			
Name	Michael Trueblood, P.E., PTOE		Years of relevant experience with this employer
Title	Senior Vice President, Senior Director		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	M.S. / 1997 / Civil Engineering B.S. / 1991 / Civil Engineering		
Active registration number / state / expiration date	#PE.0051170 / LA / 09-30-2026		
Year registered	2026	Discipline	Civil Engineering
			Other Pertinent Training / Certifications LADOTD Traffic Engineering Analysis Process & Report Class, Modules 1, 2 & 3 (April 2026) Professional Traffic Operations Engineer (PTOE)
Contract role(s) / brief description of responsibilities			Traffic QA/QC Michael has 32 years of experience as a transportation engineer in the areas of traffic operations, traffic control, transportation planning, and traffic design. He has served as a project manager/engineer for transportation corridor studies, route location studies, traffic signal design, signing/marketing design and traffic impact studies. Michael's traffic related computer experience includes Synchro, HCS+, SIDRA, SimTRAFFIC, CORSIM, and VISSIM. His traffic extensive simulation experience includes signalized arterials (including pedestrian and transit), roundabouts, DDI, CFI, SPUI, and freeway corridors.
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).		
08/21-Present	Traffic Engineering/Studies & ITS IDIQ, TxDOT AUS, Austin, TX - Project manager for various on-call traffic tasks for the TxDOT Austin District. Tasks have included signal design, operational analysis, VISSIM modeling, signing & striping PS&E, and safety studies. WSP has completed 25 tasks for the Austin District.		
02/18-Present	Schematic and Environmental Contract, FM 3351 Operational Analysis, TxDOT, San Antonio, TX - Project manager for work involving traffic projections, existing conditions analysis, crash, and future operational analysis. Synchro and VISSIM models were used to compare various intersection and interchange types, including Texas Diamond, CFI, DDI, and roundabouts. Project limits extend from IH-10 to Farm to SH 46 in San Patricio County.		
09/21-03/26	I-35 East Dallas County Phase 2 Design-Build Project, TxDOT, Dallas, TX - Senior traffic engineer for all traffic elements including traffic signals, small and large signs, pavement markings, intelligent transportation systems, and illumination from I-635 to President George Bush Turnpike. Michael coordinated with all disciplines to avoid conflicts while minimizing the contractor's construction cost.		
08/21-11/25	Schematic and Environmental Contract, U.S. Route 69 at State Highway 73 Interchange Analysis, TxDOT, Port Arthur, TX - Project manager for work involving traffic projections, existing condition analysis, crash analysis, and VISSIM micro-simulation modeling. WSP also developed 3D visualizations of the proposed turbine interchange for use in public meetings.		
04/22-05/23	SH 130 Mainline and Frontage Road Safety Study, Travis, Caldwell, and Guadalupe, Counties, TX - Served as the Project Manager for a safety study along 41 miles of mainline and 20 miles of one-way frontage roads. The study included the review and analysis of five years of crash data along with several field visits. ArcView maps were developed to assist the project team with analyzing the crash data. CR3 reports were also reviewed at key locations to better understand underlying circumstances. Both short- and long-term improvement strategies were developed at various intersections.		
03/18-05/20	IH 10 from FM 3538 to east of Kersten Rd (approx. 2 miles), Sealy, TX - Senior traffic engineer responsible for developing a complete set of traffic control plans, and designing new traffic signals to replace existing traffic signals at SH 36. The TCP included the conversion of a four-lane interstate to		

	six-lanes with one-way frontage roads. One of the existing interchanges was converted to an underpass, which complicated the construction phasing. The TCP set included temporary ramps, temp paving, temp walls, temp shoring and temp signing. The traffic signal plan set included general construction/notes, traffic signal layout plan, traffic signal elevation sheets, and standard construction detail sheets.
07/20-10/22	IH 35 at Parmer Ln DDI, Austin, TX - Lead traffic engineer responsible for designing temporary and new traffic signals to replace existing traffic signals at both frontage road intersections on IH 35 and Parmer Ln. In addition, the existing signal at Parmer Ln/Lamar was redesigned based on the proposed roadway changes. City of Austin design standards were used at this location. The traffic signal plan set included construction cost estimates, general construction notes, traffic signal layout plan, traffic signal elevation sheets, and standard construction detail sheets for both temporary and permanent designs.
06/19-08/20	I-10 IAJR from FM 3180 to Grand Parkway (SH 99), Mont Belvieu, TX - Senior traffic engineer for the development of an IAJR related to the reconstruction of an existing compact-cloverleaf interchange to a typical Texas diamond interchange. In addition to a traffic operational analysis, a detailed safety analysis was also completed. VISSIM traffic simulation models were developed to analyze traffic operations due to the close spacing of the SH 99 and FM 3180 ramps.

16. Staff Experience:

Firm employed by WSP USA Inc.				
Name	Ossama Ramadan, PhD, P.E., PTOE, RSP2I, ENV SP		Years of relevant experience with this employer	4
Title	Senior Traffic Engineer		Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization		PhD / 2016 / Civil Engineering M.S. / 2003 / Civil Engineering B.S. / 1999 / Construction Engineering		
Active registration number / state / expiration date		#PE.0043893 / LA / 03-31-2028		
Year registered	2019	Discipline	Civil Engineering Other Pertinent Training / Certifications Professional Traffic Operations Engineer (PTOE) Road Safety Professional 2 – Infrastructure (RSP2I) LADOTD Traffic Engineering Analysis Process & Report, Module 1 (January 2020) LADOTD Traffic Engineering Analysis Process & Report, Module 2 (January 2020) LADOTD Traffic Engineering Analysis Process & Report, Module 3 (January 2020) Envision Sustainability Professional (ENV SP)	
Contract role(s) / brief description of responsibilities		Senior Traffic Engineer Dr. Ossama Ramadan is a senior project manager with over 26 years of non-overlapping project experience, including 16 years in project and technical delivery management of transportation engineering and planning studies. At WSP, Dr. Ramadan leads the Texas-Louisiana Technical Excellence Center for Advanced Traffic Analysis, Modeling, and Simulation. He is nationally recognized through peer-reviewed publications, conference presentations, and active participation in TRB, ITE, and ASCE technical committees. Currently, Dr. Ramadan is the Chair of the ITE Data-Driven Safety Analysis Standing Committee.		
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).			
06/25-Present	H-GAC Safety Action Plan, Houston-Galveston Area Council, Houston, TX - Subcontract project manager supervising and directing the development local safety action plan for the Metropolitan Transit Authority of Harris County and the Gulf Coast Railroad District			
07/22-04/25	El Paso Districtwide Traffic Engineering and Planning Studies (Contract № 24-8SDP5011, Work Authorization № 4), TxDOT El Paso District, El Paso, TX - Work authorization project manager and EOR in charge of traffic engineering and planning studies for the El Paso District and local government corridors, including FM 1110 widening and extension, Gateway Blvd. at Vista De Oro Dr .intersection improvements, IH-10 at Eastlake Blvd. operational and safety improvements, Montana Ave. traffic study, and SL 375 and FM 76 safety study.			
07/22-07/23	IH-10 at Eastlake Blvd Traffic Study, TxDOT, El Paso, TX – Led and supervised a traffic study using Vissim to identify operational and safety improvements on IH-10, between SL 375 and Eastlake Blvd, and SL 375 between IH-10 and Bob Hope Dr.			
02/25-Present	BCE Extension Phase II, Brazoria County Toll Road Authority, Brazoria County, TX - Project quality leader. Leads, guides, and implements the QA/QC process, including QC session planning, setup, and control in BlueBeam Studio for SWP3, illumination, ITE, and tolling designs and estimates.			
02/25-07/25	VIA E/W BRT, VIA Metropolitan Transit, San Antonio, TX - Quality control reviewer for traffic signal phasing for a BRT corridor.			

07/19-11/21	Hooper Road (LA 408) Traffic Study, East Baton Rouge Parish, East Baton Rouge, LA - Project technical manager and EOR for a traffic engineering study of a 3.5-mile corridor along Hooper Road (LA 408) to identify necessary mobility and safety improvements. Led, supervised, reviewed, and approved field data collection, traffic analyses, traffic projections, intersection control evaluation, identification of alternatives, analysis and comparison of alternatives, stakeholder engagement, modeling and analysis of recommended alternatives, and 10% conceptual design of the recommended alternative.
01/19-11/21	Calcasieu River Bridge, Route I-10 Traffic Study, Louisiana Department of Transportation and Development, Lake Charles, LA - Project technical manager and engineer-of-record for a traffic study of a 7.3-mile corridor along I-10 to identify necessary interchange improvements at three locations with the proposed realignment of I-10 and the Sulphur Avenue Extension. Led and supervised the development of a traffic microscopic model in Vissim for the freeway segment, four cross arterials that have 41 intersections with the surface network, in addition to three train crossings.

16. Staff Experience:

Firm employed by WSP USA, Inc.			
Name	Sentel Rodgers, P.E.	Years of relevant experience with this employer	8
Title	Civil Design Engineer	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization	M.S. / 2014 / Environmental Engineering B.S. / 2012 / Civil Engineering		
Active registration number / state / expiration date	#125376 / TN / 02-29-2028		
Year registered	2022	Discipline	A&E Engineer
Contract role(s) / brief description of responsibilities	Hydraulics / Drainage Engineer Sentel is a civil design engineer with over 11 years of engineering design experience ranging from concept development, feasibility study/preliminary design, and final design. Early in his career, he spent two years working outside the continental United States as a member of the Peace Corps where he designed and managed the construction of a rural water distribution system that served a small community in Panama. The project consisted of constructing two distribution tanks and two miles of water supply pipeline. Currently, Sentel provides engineering and design services to support stormwater improvement programs for local, Federal, and State clients. He is responsible for the development of grading/drainage plan development, levee/dam/structure design plan development, stormwater drainage system design, and water/sewer plans. He also supports the development of Opinions of Probable Construction Costs (OPCC).		
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).		
01/18-Present	Metro Water Services of Nashville, Stormwater Division, Program Assistance & Design Services, Davidson County, TN - Sentel served as the lead engineer for over 100 drainage improvement projects. Tasks include survey, design and plan development, utility coordination, TDEC and USACE permit applications, easement documents and acquisition, cost estimates, and bid documents. Drainage improvement project scopes include hydraulic modeling, culverts (pipe and box), manholes, sanitary sewer relocation, retaining structures (gabions, concrete and rock walls), cast in place concrete, asphalt paving, grading, and erosion/sediment control. Project responsibilities also include USACE and TDEC permitting, biological assessments for endangered species (Nashville Crayfish), coordination and communication with affected property owners and community groups.		
04/23-Present	Tennessee Board of Regents, Statewide Stormwater Consultant Contract, Statewide, TN - Provides third-party reviews of Erosion Prevention and Sediment Control (EPSC) plans, Storm Water Pollution Prevention Plans (SWPPPs), and stormwater design for TBR institutions statewide.		
04/23-Present	Environmental Permitting, TDOT, Tennessee - Manages the review of EPSC plans provided by project designers, preparation of SWPPP narratives and evaluation of water quality features as identified in TDOT’s Environmental Boundaries Report (EBR).		
06/21-Present	Yazoo River Levee Design (2 phases – 9 miles), Mississippi Soil and Water Conservation Commission (MSWCC), Yazoo City, MS - Lead Civil Engineer responsible for design plan development for 9 miles of levee as part of two phases of design currently underway. Sentel is also responsible for preliminary borrow area design/estimates. Design also includes geotechnical analysis (drilling/lab/modeling) of the proposed levee route, civil design, hydraulics, large hydraulic gate design, cultural resources coordination, permitting, survey, property acquisition, and public involvement.		
08/20-Present	South Delta Ditches, Ditch C Reconstruction, MSWCC, Yazoo City, MS - Design engineer for a ditch restoration project. Responsibilities included hydrology and hydraulics of affected area, alternative design analysis, detailed plan production, site grading, and erosion and sediment control plan production.		

11/22-02/24	Greasy Creek Dam Removal and Conversion, MSWCC, Lafayette County, MS - Lead civil designer for the design of the removal of a dam in Lafayette County MS and conversion to a weir structure considered by NRCS to be a 378 Pond. Design included grading plan, detailed plan production, and erosion and sediment control.
03/24-Present	Needmore Road Improvements Phase 2, TDOT, City of Clarksville, TN - Served as drainage engineer for roadway widening project. Project scope includes hydraulic modeling of culverts, pipe networks, drainage conveyances and injection wells. Design included grading plan, detailed plan production, cost estimating and erosion and sediment control.
01/24-Present	Old Lebanon Dirt Road Safety Improvement Project, TDOT, Wilson County, City of Mount Juliet, TN - Drainage design engineer for a roadway widening project. Project scope includes hydraulic modeling of culverts, box culvert, pipe networks and drainage conveyances. Design included grading plan, detailed plan production, cost estimating and erosion and sediment control.
02/25-Present	SR-30, TDOT, Rhea County, Dayton, TN - Drainage design engineer for roadway widening project. Project scope includes hydraulic modeling of culverts, box culvert, pipe networks and drainage conveyances. Design included grading plan, detailed plan production, cost estimating and erosion and sediment control.
09/23-12/25	Anderson Branch Stream Mitigation Project, Jefferson County, TN - Project engineer assisting with plans development in the OpenRoads Designer software. This project involves the relocation and in-place stabilization of Anderson Branch and associated tributaries including the installation of EPSC measures and general stream mitigation practices.
08/23-06/25	Pistol Creek Dam Removal, Blount County, TN - Project engineer assisting with plans development in MicroStation V8i (SS2). This project involves the removal of Pistol Creek Dam near Williams Mill Road in Blount County. Responsibilities included plan production of dam removal plan, grading plan and erosion and sediment control plans.
09/25-Present	Wiley Oakley Drive Crossover Bridge, Sevier County, TN - Design engineer assisting with the drainage assessment associated with replacing an at-grade bridge with a new overpass. Drainage assessment and design includes both existing conditions analysis of drainage surrounding the bridge and drainage design of proposed conditions. Includes the use of OpenRoads designer software for production of the analysis, plan and profile and erosion and sediment control plans.
11/19-04/26	Richland Creek Exposed 48" RCP Improvements, Davidson County, TN - Served as review for the stabilization of bank along Richland Creek that was exposing a 48" sewer main. Provided reviews on projects constructability and Erosion Prevention and Sediment Control measures.

16. Staff Experience:

Firm employed by		WSP USA Inc.		
Name	Brian Hundt, P.E.		Years of relevant experience with this employer	7
Title	Senior Civil Engineer		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization			B.S. / 2009 / Civil Engineering	
Active registration number / state / expiration date			#PE.0039459 / LA / 09-30-2027	
Year registered	2015	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Roadway Engineer Brian has over 16 years of experience as a civil engineer on numerous roadway design, waterline replacement, drainage design, passenger rail platform design, construction administration, and inspection, all in accordance with local, state, federal and host railroad requirements. Throughout his professional career, Mr. Hundt has worked closely with Louisiana Department of Transportation, Jefferson Parish, Amtrak, New Orleans Sewerage and Water Board, City of New Orleans Department of Public Works, and St. Charles Parish. Brian has a comprehensive knowledge of Inroads, Openroads, Autodesk Civil 3D and Excel.	
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).			
02/22-12/22	LA23 Rail Extension, LADOTD, Plaquemines, LA - Located in Plaquemines Parish, the project is the design and future construction of an approximate 8-mile rail extension to the south of the existing New Orleans and Gulf Terminal Railway Company (NOG) single track at the existing terminus just south of Myrtle Grove, LA. Amtrak. As the Civil Roadway task lead, his duties included designing an access road parallel to the track, creating roadway plan and profiles for 12 rail crossings, and propose alignment changes for LA 23. The design followed AASHTO, AREMA, Union Pacific and LADOTD design guidelines.			
09/20-09/24	Bonnabel Boulevard Roadway Improvements (Metairie Rd. to I-10), Jefferson Parish Jefferson, LA - Project Engineer. The project, which is a Federal aid program with joint FHWA and Jefferson Parish funding, will provide a 3” mill and overlay of the roadway surface, full depth concrete patching and curb replacement. As project engineer, Brian coordinated with Jefferson Parish and LADOTD engineering staff, created preliminary drawings per LADOTD standards, established a proposed profile to aide surface drainage and create proposed cross sections. The design work was performed with Inroads SS2. Design guidelines followed included Jefferson Parish, LADOTD and AASHTO.			
06/18-01/20	Texas High Speed Rail, Confidential Client, Dallas, TX - The project is a design-build job for the design and construction of a high speed rail from Houston to Dallas. As project engineer, he created plan sheets for proposed realignments of 40 existing rural and collector roadways that were affected by the proposed rail alignment. Design work also included creating access road alignments adjacent to the proposed rail track. In addition, he created vertical and horizontal alignments for 10 proposed road over rail crossings. The design work was performed with InRoads SS2 and SS4. Local county, TXDOT and AASHTO design guidelines were followed for the design of realigned roadways.			
02/19-04/19	I-440 and Glenwood Ave. Interchange, NCDOT, Raleigh, NC - As a civil engineer on this project, Brian created a conceptual layout that determined the possible right of way impact for an interchange improvement. The conceptual design called a proposed partial cloverleaf interchange, a flyover ramp and widening of the existing interchange. His duties included designing the proposed horizontal and vertical alignments for 8 ramps that included loop, flyover, and entrance and exit ramps. The design work was performed in Geopak SS2. NCDOT and AASHTO guidelines were followed for the conceptual design of the interchange.			
01/20-05/20	NC 73 Highway Widening, NCDOT, Mecklenburg County, NC - The project purpose is to widen 3 miles of NC73 Hwy., a principal arterial roadway, from a two lane undivided highway to a four lane divided highway with a 30’ wide median. The project has been designed as a reduced conflict intersection/superstreet. His duties were to create temporary traffic plans for the construction phasing. To maintain an uninterrupted flow of traffic in both			

	directions and prevent turn lane closures, a four-phase temporary traffic control plan was created with lane shifts from the existing roadway to the proposed widened roadway. All proposed traffic control devices and lanes shifts were design per NCDOT and MUTD guidelines.
08/20-02/21	State Route 40, Georgia DOT, Charlton County, GA - Project engineer for the two mile widening of the existing minor arterial two lane State Route 40 to a four lane divided highway with a 24' wide median. Brian's duties were to create a permanent pavement marking plan for the highway's travel lanes, turn lanes and pedestrian crossings. His duties also include creating typical sections for the proposed widening. All design work performed according to GDOT, MUTCD and AASHTO guideline.
07/21-Present	Program Management, Port of South Louisiana, Board of Commissioners Port of South Louisiana, St. Charles, St. James and St. John Parishes, LA - Project Manager/Project Engineer. The Program Management assignment includes but is not limited to providing design reviews of plans and specifications of roadway projects that include the 1000 LF reinforced concrete pavement heavy access road and drainage that connected existing Port Globalplex facility roads to tenant leased property, the 4100 LF W10th St. (LA 637) connector roadway that would provide roadways access for future heavy industrial tenants to Port owned property and the reconstruction of the Port's main roadway entrance along LA 44. Designs were checked for compliance to AASHTO and LADOTD guidelines.

16. Staff Experience:

Firm employed by		WSP USA Inc.		
Name	Marlena Cutura, P.E.		Years of relevant experience with this employer	5
Title	Roadway Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 2020 / Civil Engineering	
Active registration number / state / expiration date			#PE.0050441 / LA / 03-31-2028	
Year registered	2025	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Roadway Engineer Marlena is an experienced civil engineer with a specialization in roadway engineering, including roundabouts. Her project experience includes geometric design, corridor modeling, multi-discipline coordination, and plan production in accordance to applicable guidelines. In addition, Marlena has experience using the following software: MicroStation/Inroads, Open Roads, AutoTurn, Microsoft Suite, and Geographical Information System (GIS).	
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).			
10/21-02/25	Interstate 285 at Interstate 20 W. Interchange General Engineering Consultant, Atlanta, GA - Engineer Intern. WSP is serving as the general engineering consultant and owner’s representative during the pre-let and post-let phases of this design-build project. The project includes new lane miles along Interstate 20, interchange operational performance enhancements, new collector-distributor lanes, and connections to the Express Lanes system. WSP’s scope also included environmental documentation, preliminary design, procurement support and construction engineering inspection services related to the owner’s verification firm role. As an Engineering Intern, Marlena produced the right-of-way plans for the entirety of the project, calculating R/W area takes and easements for coordination. She has conducted various sight distance studies including ISD and SSD by utilizing InRoads Sight Visibility Tool. She has also aided in creating Design Exception/Variance documents and exhibits for approval such as sight distance variance exhibits and spot shoulder reduction exception exhibits. She created the initial phases of erosion and sediment control plans using and quantifying best management practices (BMPs). She calculated pavement quantities as well for this project.			
08/21-Present	City of Summerville SR 1/US 27 Bypass Design Services, Chattooga County, GA - Design Engineer. WSP is providing design services for the construction of a new bypass south of the City of Summerville to connect with an existing section of State Route 1/U.S. Route 27. The State Road 1/U.S. Route 27 facility will also be widened as part of this project. The bypass will alleviate congestion along the State Route 1/U.S. Route 27 corridor by shifting through traffic away from downtown Summerville and accommodate current and future demand due to the route’s inclusion as part of the GRIP System and the state’s Freight Corridor Network. As a design engineer on this project, Marlena designed and modeled three roundabouts, two hybrid and one single-leg, along the corridor and produced roundabout verification documents and exhibits utilizing AutoTurn software and other design checks in concurrence with the GDOT Roundabout Design Guide. She also produced typical sections, modeled and created cross sections for the bypass and side roads, calculated quantities, Right of Way plans, and various other roadway related items.			
03/23-Present	SR 54 at Gordon Road Safety Improvement, Roundabout, Georgia DOT, Coweta County, GA - Design Engineer. WSP is providing design services for a proposed roundabout at the intersection of SR 54 and Gordon Road for safety improvement to reduce crash frequency and severity and improve operational efficiency. Marlena designed the roundabout including geometrics, models/grading, cross sections, roundabout design check documents, right of way, typical sections, and other applicable roadway items.			
04/24-Present	SR 215 at SR 257, Intersection Improvement, Georgia DOT, Dooly County, GA - Lead Design Engineer. WSP is providing design services for the intersection improvement of SR 215 and SR 257. This intersection is at a skew with all way stop control. There are high crash rates at this intersection, and this project is aimed to reduce crash frequency and severity while reducing traffic congestion. Marlena is leading the design of this roundabout, proposing			

	an elliptical roundabout with outside truck aprons to accommodate the skew and OSOW vehicle movements. Marlena designed the plan layout, HZ & VT geometry, models and grading plans, cross sections, right of way and other applicable roadway-related items.
01/25-Present	SR 22/US 80 at I-75 SB Exit Ramp, Georgia DOT, Bibb County, GA - Roadway Design Lead. WSP is providing design services for the intersection improvement of SR 22/US 80 and the I-75 SB Exit Ramp. This intersection meets at the overpass of an interstate and is signal controlled. The project proposes a multi-lane hybrid roundabout with shared use paths and turbo roundabout features. Marlena is serving as the roadway design lead for this project and produced the conceptual layout and preliminary geometry for this project.
08/23-04/24	I-285 PCC Replacement Project, Georgia DOT, Cobb and Fulton County, GA - Engineer Intern. WSP is providing services for PCC pavement replacement structures, inside shoulder widening, cross-slope and stopping sight distance corrections, guard rail and median barrier replacement and ITS system reconstruction along I-285 from CS 843/Collier Road to CR 2838/Paces Ferry Road. As an EI on this project, Marlena assisted in creating Erosion Control plans such as the 54-series (BMP Location Details) for the length of the project, 51-Series (ESPCP General Notes), as well as calculating various erosion control quantities.
04/22-03/23	SR8/US 278 from SR280 to CS 6701/Stiff Street (D.L. Hollowell Parkway Road Diet), Georgia DOT, Fulton County, GA - Engineer Intern. WSP is acting as a consultant on this project. The project consists of 7 signalized intersections along the corridor and proposes a 4-to-3-lane road diet for safety improvements. As an intern on this Project, Marlena created preliminary plan sets, coordinated with the traffic team for signing and marking details, as well as right-of-way coordination and paving quantities.
08/21-11/25	I-85 Widening Phase III Design-Build From US 129 to US 441, Georgia DOT, Jackson and Banks Counties, GA - Engineer Intern. WSP is providing the design-build services to widen I-85 one lane toward the inside median in the northbound and southbound directions beginning at US 129 in Jackson County and ending at US 441 in Banks County. The Project will also include replacement and widening of two pairs of mainline bridges, the first pair crossing over North Oconee River, and the second pair crossing over Ridgeway Church Road. As an engineering intern on this project, Marlena assisted with collecting various quantities, creating erosion and sediment control plans, and conducting profile optimization of the vertical alignments.

16. Staff Experience:

Firm employed by				WSP USA Inc.			
Name		Ryan Waldron, P.E., BCCE		Years of relevant experience with this employer		<1	
Title		Vice President, Water and Coastal Engineering		Years of relevant experience with other employer(s)		18	
Degree(s) / Years / Specialization			M.S. / 2008 / Civil Engineering (Water & Coastal) B.S. / 2005 / Physics				
Active registration number / state / expiration date			#PE.0037706 / LA / 09-30-2027				
Year registered		2013		Discipline		Civil Engineering	
			Other Pertinent Training / Certifications Academy of Coastal, Ocean, Port and Navigation Engineers - Board Certified Coastal Engineer / 12-31-2026				
Contract role(s) / brief description of responsibilities			Hydraulic / Drainage Engineer Ryan has over a decade and a half of experience in all aspects of coastal, riverine, and waterways engineering focused in Coastal Louisiana Such experience covers all phases of a project from planning, modeling, and analysis, to all phases of design and bid-phase support, on through construction oversight. His design work spans various projects of all scales, including shoreline restoration, marsh creation, river diversions, shoreline protection, port and harbor development, coastal parks and recreational facilities, and hydrologic restoration in bays, bayous, lakes, canals, inlets, and deltas for various public and private clients. His modeling experience includes the development of hydrodynamic, hydraulic, wave, sediment transport, morphologic, and hydrologic models. He has performed numerous water-level and relative sea-level rise analyses to establish design criteria for coastal projects.				
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).					
03/26-Present		Three Mile Lake Flood Reduction, Port Barre, LA - Senior Quality Reviewer. Performed an Independent Technical Review for the design of flood risk reduction improvements around Three Mile Lake for the Louisiana DOTD, including a proposed stoplog gate structure and roadway elevation improvements. Acting independently from the design team, Mr. Waldron performed a senior-level review focused on plan completeness, technical clarity, and constructability, identifying issues relevant to design coordination and future construction.					
03/26-Present		PRASA Valenciano Dam and Reservoir Project Management, Valenciano - Senior coastal engineer. Leading the development of a project-specific methodology to assess wind-driven wave impacts on a bridge deck integrated into the dam structure. Ryan’s work include fetch-limited wave generation; wave transformation; and the evaluation of vertical, horizontal, and impulsive wave loads using FHWA HEC 25 guidance and published wave-in-deck impact formulations. He developed the analytical tools used for analysis, oversaw the team applying these tools, and prepared a technical memorandum documenting assumptions, equations, and design load envelopes for use in the structural design.					
08/21-02/26		University Lakes Flood Risk Reduction Design, Baton Rouge, LA - Engineer of Record. Supervised all engineering design tasks and production of construction plans & specifications for dredging hundreds of acres of lakes and beneficially reusing dredged spoils. The beneficial reuse focuses on creating wetlands to serve as vegetative buffers along the shorelines to improve water quality, reduce flood risk, and increase natural habitat to promote ecosystem restoration. The design also aims to achieve water quality and flood risk improvements through improving hydrologic connections between the lakes by replacing and upgrading various hydraulic structures (culverts, bridges, gates, and weirs). Oversaw design efforts including sediment budget analysis, construction means and methods analysis, geotechnical analysis, and hydrologic, hydrodynamic, wave, sediment transport, and morphology modeling. Coordinated with landscape architecture, surveying, geotechnical sampling & testing, permitting, and the Master Designer to ensure the dredging and					

	placement design is compatible with landscape and mobility design. Reviewed and approved construction submittals and prepares responses to construction RFIs.
09/24-09/25	Lake Pontchartrain Barrier Project, St. Tammany Parish, LA - Project Technical Lead was responsible for overseeing all technical work on the project to conduct a pre-feasibility analysis for a project to install gated barriers across Chef Menteur Pass and The Rigolets to reduce storm surge entering the Lake Pontchartrain Basin during tropical cyclones. The project included a data gap analysis, modeling framework development, and preliminary numerical model development utilizing ADCIRC+SWAN. Also included is a pre-feasibility level cost-benefit analysis.
06/19-12/24	Mid-Breton Sediment Diversion, Plaquemines Parish, LA - Coastal engineer provide engineering design for dredged material placement task, identifying areas for beneficial reuse of dredged material, and evaluate risk reduction and habitation restoration features that could be constructed as part of this sediment diversion project to build, sustain, and restore the community & coastal ecosystem. Oversaw the development of a numerical for interior drainage system to verify that water surface elevations were not adversely altered by construction of the project. Assisted on hydrodynamic, water quality, vegetation (ecology), sediment transport, and morphologic modeling development task. Participated in design of the outfall channel and establishment of armoring requirements for bank stabilization and erosion protection.
06/15-06/19	Port Improvements, Port of Gulfport (MSPA), Gulfport, MS - Project engineer. Designed various Coastal and Civil components of the port redevelopment. These included design of the Small Craft Harbor, and the associated site civil layout (spanning from the road access/parking onto the tie-in with the piers), water service, and sewerage pump out lines for piers; the design of a shoreline armoring section to protect an existing bulkhead, adjacent to the Small Craft Harbor; and the design of drainage for Southwestern portion of the port terminating at a coastal drainage outfall into Mississippi Sound (outfall includes a treatment unit and bypass gate). Tasks also included preparation of Stormwater Pollution Prevention Plans and Port Drainage System Operations and Maintenance Manuals.
03/16-06/19	U.S. 90 Pearl River Bridge Replacements Environmental Analysis, LA DOTD, St. Tammany Parish, LA - Hydraulics lead. Collected available information from previous analyses, numerical modeling studies, and physical measurement concerning the nature of the five Pearl River channels that cross U.S. 90. Provided information for the planning phase of the project to assist in the determination of the types of bridge structures that should be considered in the alternatives analysis, and subsequent alternative selection.
08/17-06/19	South City Parkway Extension, City of Lafayette, LA - Numerical modeling lead. Modified an existing unsteady hydraulic model of the Vermillion River to include a proposed bridge for extension of the South City Parkway in Lafayette. After flooding in the Vermillion River due to the Aug 2016 rain in the area, the model was calibrated to flow & stage data recorded during that flood event. Flood data was then correlated to an annual exceedance probability.
02/12-10/14	Port Improvements, Port Manchac, Manchac, LA - Project Engineer developed design for the improvements to the port that includes dredging a shipping canal, disposal of dredged material, installation of a bulkhead, and configuration of several laydown yards.

16. Staff Experience:

Firm employed by WSP USA Inc.			
Name	Britton Wells, CFM		Years of relevant experience with this employer
Title	Assistant VP, Water Resources Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.S. / 2004 / Civil & Environmental Engineering		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
			Other Pertinent Training / Certifications Certified Floodplain Manager (#US-08-03865)
Contract role(s) / brief description of responsibilities			Hydraulic / Drainage Engineer Britton has extensive experience working on hydrologic and hydraulic modeling of large riverine watersheds, and urban storm water networks serving a variety of city, state and federal clients. His experience includes model calibration and validation, streamflow forecasting, pre- and post-development analysis, technical reviews, FEMA guidelines and specifications, floodplain mapping, levee interior drainage, rainfall and streamflow measurement, roadway drainage, hydraulic bridge design, topological and as-built surveys, and stream morphological surveys. He is highly knowledgeable in many modeling software programs including HEC-RAS, HEC-HMS, EPA-SWMM, XPSWMM, PCSWMM, PondPack, CulvertMaster, HY-8, Bently ORD, and SRH-2D. He is also experienced in disaster management and recovery following major flooding events, conducting damage assessments for residential and commercial infrastructure.
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).		
06/22-06/25	Louisiana Watershed Initiative, Louisiana Department of Transportation and Development (LADOTD), Region 3 Watershed Modeling, Baton Rouge, LA - H&H Engineer responsible for development and calibration of watershed scale models for the LWI program to serve as the basis for analysis of future developments, flood mitigation feasibility studies, watershed management strategies and consequence and risk assessment across four watersheds in Region 3. Hydrologic and hydraulic analyses include both one- and two-dimensional models developed using Hydrologic Engineering Center’s (HEC) suite of software products.		
01/24-Present	Old Lebanon Dirt Road Widening, City of Mt. Juliet, TN - Lead Hydraulic Engineer responsible for the design of the conveyance system to assist in addressing the flooding along Old Lebanon Dirt Road. Tasks include modeling of the roadway drainage and cross drain system in GeoPak, FEMA HEC-RAS No-Rise analysis, and SRH-2D modeling for analysis of a diversion canal.		
03/24-Present	Needmore Road Improvements, City of Clarksville, TN - Lead Hydraulic Engineer responsible for the design of the drainage system supporting roadway improvements of approximately 1.6 miles of Needmore Road in a rapidly developing area of the City. Modeling of the roadway drainage and cross drain system conducted in Bently ORD. Design included avoiding negative impacts to numerous adjacent sinkhole areas.		
07/16-05/19	I-285 & SR-400 Improvements, GDOT, Atlanta, GA - Project Engineer responsible for hydrologic and hydraulic study consisting of modeling on- and off-site drainage through cross-drain systems and design of detention and energy dissipation solutions to ensure impacts are contained within the right-of-way. H&H Analyses consisted of PondPack, HEC-RAS steady flow modeling, and CulvertMaster.		
07/16-05/19	Special Drainage Studies, GDOT, Statewide, GA - Assisted with detailed hydraulic and hydrologic analyses and infrastructure designs to solve drainage/flooding problems along the Department's roadways. Services included site reconnaissance, agency coordination, topographic surveys, hydrologic and hydraulic modeling and recommendation of infrastructure improvements.		

01/19-12/19	Design-Build Bridge Replacement Program (FY2016 and FY2018), GDOT, Statewide, GA - Project Engineer part of the team responsible for hydrologic and hydraulic study 17 off-system bridges to be replaced using a Design-Build delivery method. Detailed scour analyses were conducted using HEC-18 procedures and guide bank and scour countermeasures were designed using HEC-23 procedures. HEC-RAS software was used to model the existing and proposed bridge configurations for one-dimensional, steady flow applications.
06/22-Present	SR9 Bridge Replacements over Yalobusha River Floodplain, MDOT, Calhoun County, MS - Hydraulic Engineer responsible for analysis and design of a multi-phased bridge replacement of eleven floodplain crossings in Calhoun County, MS. Project includes two-dimensional hydraulic analysis utilizing SRH-2D to determine the optimal bridges size/type and span configurations, scour analysis, and countermeasure design.
09/24-Present	Scour, MDOT, Union County, MS - Hydraulic Engineer responsible for scour evaluation and countermeasure design for four bridges along I-22 and SR-178 in Union County, MS. Project includes hydraulic modeling utilizing SRH-2D, detailed scour analysis using HEC-18 procedures, and scour countermeasure design using HEC-23 procedures.
09/23-Present	SR-76 Improvements, TDOT, Carrol County, TN - Hydraulic Engineer responsible for hydrologic and hydraulic study consisting of modeling on- and off-site drainage through cross-drain systems and design of energy dissipation solutions to ensure impacts are contained within the right-of-way. H&H analyses consisted of GeoPak, StormCAD, and HY-8.
02/25-Present	SR-30 Improvements, TDOT, Rhea County, TN - Lead Hydraulic Engineer responsible for the design of the drainage system supporting roadway improvements of approximately 3.2 miles of SR-30 in Rhea County. Modeling of the roadway drainage and cross drain system conducted in Bently ORD. Design of energy dissipation solutions to ensure impacts are contained within the right-of-way.
01/18-06/22	I-75/I-24 Interchange Improvements, TDOT, Chattanooga, TN - Hydraulic Engineer. Served as Owners Representative for TDOT for the I-75/I-24 Interchange Design-Build project in Chattanooga, TN. Tasked with hydraulic design to determine the optimal bridges size/type and span configurations in the development of preliminary plans. Conducted design review to ensure final design met regulatory requirements.
11/16-05/19	Continuing Drainage services Contract, TDOT, Statewide, TN - Project Engineer responsible for performing drainage complaint inspections, detailed hydrologic and hydraulic modeling/analyses, topographic surveys, technical reports, construction cost estimates, and construction plans for multiple complex drainage problem sites across the State.
01/21-06/22	US-601 over Colonel's Creek Bridge Replacement, SCDOT, Richland County, SC - Project Engineer responsible for Hydraulic Design and Scour Analysis of a replacement bridge within a FEMA Special Flood Hazard Area. Hydraulic Modeling Analyses were performed in order to meet regulatory requirements and to determine the optimal bridge size/type and span configuration. HEC-RAS software was used to model the existing and proposed bridge configurations. Detailed scour analyses were conducted using USGS Envelope Curves and HEC-18 procedures and scour countermeasures were designed using HEC-23 procedures.

16. Staff Experience:

Firm employed by		WSP USA Inc.	
Name	Mikki Taylor-Hendrix	Years of relevant experience with this employer	5
Title	Senior Consultant, Communication Advisory Services	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		M.S. / 2016 / Urban and Regional Planning B.S. / 2012 / Urban Studies	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Public Involvement Mikki is a seasoned communications and public involvement strategist specializing in community engagement, stakeholder coordination, and the development of comprehensive communications and outreach plans for transportation and infrastructure projects. Mikki brings over 11 years of experience supporting public agencies at the intersection of community engagement, transportation planning, and multi-stakeholder collaboration. Her work has helped agencies effectively engage residents, advocacy groups, local governments, and corridor stakeholders to support roadway and infrastructure improvements, manage public expectations, and maintain productive relationships throughout project development and delivery.	
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).		
08/24-10/25	Livingston Parish Master Plan and Zoning Code Update, Livingston, LA - Outreach and Communications Lead. Livingston Parish, Louisiana hired WSP to lead their zoning code and master plan update. Mikki assisted in projects associated with developing and executing the stakeholder and community engagement plan. Her work included stakeholder identification, brand development, social media management, survey development, drafting public facing materials, and hosting public meetings to ensure community members were engaged, aware, and involved in the process. Using Social Pinpoint, Mikki managed a project-specific webpage, survey, and interactive mapping tool used to provide continuous engagement to the public as well as gather public input and feedback. The project included presentations, reports, and survey data analytics to help guide the project team to understand community input throughout the process.		
06/25-Present	City of Kansas City, Reconnecting the East Side Plan, Kansas City, MO - In partnership with the Missouri Department of Transportation, WSP is working through a Planning and Environmental Linkages (PEL) Study to build a safer and more connected westside community that was altered through the development of US-71. The project, known as Reconnecting the East Side, is working to find alternative infrastructure to close the gap of the eastside community through the voice of residents, businesses, and community leaders. Mikki’s role on this project is to support communication with stakeholders, residents, and interested parties through managing the digital eBlast, developing key messaging, email language, and managing the platform used for outreach. As a Consultation Manager, her work includes support of reporting and summary tasks, drafting reports and providing quality support for the review of draft documents. She also supports graphics needs and reviews any public facing graphics and materials such as meeting flyers.		
02/25-Present	2050 Comprehensive Transportation Plan Update, United States Virgin Islands (USVI), Department of Public Works, United States Virgin Islands - Community Engagement Lead. The US Virgin Islands (USVI) Department of Public Works (DPW) developed their first Comprehensive Transportation Plan. The plan focused on establishing existing conditions across the three islands and the transportation network, infrastructure and agencies. The 2050 Comprehensive Plan’s goal was to update the existing plan, evaluate the goals and projects outlined in the 2040 plan, and address major changes across the territory from COVID 19, and two sizable hurricanes. Mikki’s role is to develop a communications and engagement strategy to ensure the plan has the influence and voice of residents across St. Croix, St. John, St. Thomas and Water Island. In addition to community engagement, Mikki has also assisted in		

	the stakeholder engagement of various agencies and companies whose work intersects with the transportation network. Mikki's work for this project included building relationships across all islands, facilitating and arranging engagement efforts with local media and community groups, and initiating stakeholder outreach through stakeholder identification and connection. She created and manages a Facebook project page, provided a project specific webpage framework, and works with the project team to prepare for media opportunities through talking point development, scheduling and arranging media opportunities.
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16. Staff Experience:

Firm employed by		McKim & Creed, Inc.		
Name	Dustin Mayard, P.E.		Years of relevant experience with this employer	3
Title	Project Manager / Senior Roadway Engineer		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization			B.S. / 2013 / Civil Engineering	
Active registration number / state / expiration date			#PE.0042123 / LA / 03-31-2028	
Year registered	2017	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Senior Roadway Engineer For over 13 years, Mr. Mayard has participated in and managed a variety of projects including infrastructure, roadway design, land development, and commercial site design. Serving as the project manager for several projects throughout Louisiana, for both the private and public sector, he has managed all aspects of project delivery, including planning, cost estimation, design, permitting, and construction administration.	
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).			
03/23-03/27	LA 44 & Parker Rd Roundabout, Ascension Parish, LA - Project Manager, Engineer of Record. Responsibilities include project delivery, planning, design, cost estimation, permitting and construction administration. This project consists of the design and construction of a roundabout at the intersection of LA Highway 44 and Parker Road in Prairieville, LA for safety and capacity improvements due to the new Prairieville High School.			
05/22-02/29	LA 22 Bridge Reconstruction & Drainage Improvements, Ascension Parish, LA - Project Engineer. His responsibilities include data collection, funding assistance, cost estimating, civil design. This project includes the placing of two bridge structures through LA 22 in Ascension Parish to restore flow through the Amite River Diversion Canal Floodplain which was cut off through the construction of the Diversion Canal and LA 22. McKim & Creed is the project manager and is responsible for the civil design of the project and roadway design of LA 22 which conforms to LA DOTD’s standards. This includes design section, geometric design, utility and DOTD coordination, and roadway drainage design.			
03/23-03/26	Dutchtown Rear Access Drive, Prairieville, LA - Project Manager, Engineer of Record. His responsibilities included project delivery, planning, design, cost estimation, permitting, and construction administration. This project consists of a new connector roadway between Dutchtown High School and Carrie Lane. This project included a major canal crossing as well as wetland mitigation.			
03/23-10/27	Highway 929 & Parker Road Improvements, Ascension Parish, LA - Project Manager, Engineer of Record. His responsibilities include project management, design, and plan production. The project includes widening Hwy 929 and Parker Road to add two-way left turn lanes and 2’ shoulders, adding a right turn lane on Parker Road at the proposed high school site, and constructing a shared use path along both roads to ensure smooth traffic flow and pedestrian safety, connecting to the recently completed path along Hwy 42.			
06/23-12/26	Our Lady of the Lake Connector Roadway, Gonzales, LA - Project Manager and Engineer of Record. He was responsible for overseeing the design and construction of the Our Lady of the Lake Connector Roadway in Gonzales, LA, encompassing project management, design, plan production, cost estimation, and construction administration. This project includes the design and construction of a new connector road from St. Elizabeth Boulevard to St. Francis Parkway Extension. The corridor will include bike paths, pedestrian facilities, and a new intersection.			
06/21-03/23	H.013025 Lafayette Consolidated Government (LCG) LA Hwy 182 Improvements, Lafayette, LA - Project Manager. He was responsible for assisting with the project management, design, and quality assurance of safety improvements to the LA 182 (N. University Avenue) corridor. He managed design and plan production while maintaining compliance with the BUILD grant and LA DOTD requirements from project conception through project letting.			
03/21-03/23	Calcasieu Parish Transportation Initiative (CPTI), Calcasieu Parish, LA - Project Manager for the parish-wide roadway improvement program. He was responsible for managing contracts, schedules, project priorities, budgets, and program policies for surveying, geotechnical, traffic, and engineering consultants.			

03/23-02/24	2022 Gonzales Road Rehab, City of Gonzales, LA - Project Engineer. His responsibilities included project delivery, including planning, design, cost estimation, permitting, and construction administration. This project consists of the rehabilitation of various streets within the City of Gonzales, and such rehabilitation consists of milling, asphaltic concrete patching, asphaltic concrete overlay, removal and replacement of concrete pavement with concrete or grout (as specified), and removal and replacement of various damaged sidewalks and roadway curbing. Responsibilities: Project Engineer and Construction Administration.
06/21-06/22	City of New Orleans Road Rehabilitation Program, New Orleans, LA - Project Manager. He was responsible for the overall project delivery and management for the rehabilitation of multiple city blocks in New Orleans, including the design of widened urban roadways and improvements to subsurface drainage, pedestrian pathways, and water networks.
02/21-10/21	Ourso Industrial Park Access Road, West Baton Rouge Parish, LA - Lead Engineer and Project Manager for an access road and railroad crossing for a proposed industrial park in West Baton Rouge Parish. He coordinated with LADOTD and Union Pacific Railroad to generate permitting plans for a new railroad crossing from LA Highway 1. He designed the roadway, railroad crossing, subsurface drainage, and offsite turn lane improvements.

16. Staff Experience:

Firm employed by		McKim & Creed, Inc.		
Name	Kimberly Koehl, P.E.		Years of relevant experience with this employer	11
Title	Drainage Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 2015 / Civil Engineering	
Active registration number / state / expiration date			#PE.0043677 / LA / 03-31-2028	
Year registered	2019	Discipline	Civil Engineering	
			Other Pertinent Training / Certifications ATSSA – Traffic Control Design Specialist ATSSA – Traffic Control Technician	
Contract role(s) / brief description of responsibilities			Drainage Engineer Ms. Koehl has worked on a variety of civil projects, including transportation, drainage, flood control, and site planning. Her key tasks for transportation projects include preliminary and final design, cost calculation, construction administration, and field coordination. She has worked on numerous projects throughout the state, specifically within the capitol region.	
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).			
05/22-02/29	LA 22 Bridge Reconstruction & Drainage Improvements, Ascension Parish, LA - Project Manager. (LWI Funded). Responsible for overseeing the planning, design, and management. Her tasks include data collection, funding assistance, cost estimates, roadway design, civil design, project management, DOTD coordination, meeting attendance, construction administration, and RPR services. This project includes the placing of two bridge structures through LA 22 in Ascension Parish to restore flow through the Amite River Diversion Canal Floodplain which was cut off through the construction of the Diversion Canal and LA 22. Through McKim & Creed’s efforts, this project received full funding of \$42 million through the Louisiana Watershed Initiative and is currently under design.			
08/17-11/20	H.013149 Inland Rivers Marine Terminal Storage Facility, Port of Greater Baton Rouge, LA - Design Support. Responsible for design, plan development, technical specifications, coordination with DOTD, project management, cost projection, bidding, and CE&I. The \$4.5 million project expanded the Inland Rivers Marine Terminal Storage facility by 3.5 acres, added electrical lighting service, introduced a 17,541 S.Y. heavy-duty pavement storage area with 16” thick pavement and double No. 9 rebar mats, and installed two high mast lights, enabling the port to handle an additional 700 containers, as part of a joint venture with the Port Construction and Development Priority Program through the Louisiana Department of Transportation and Development.			
11/16-06/26	H.011558 Acadian Bike Trail, West Baton Rouge Parish, LA - Technical Support. Responsible for overseeing the planning, design, and management. Her tasks include project management, trail design, cost estimation, permitting, and construction administration. This project involves designing a shared-use path within the Town of Addis to connect the levee top trail to Myhand Park. The trail design adheres to AASHTO and DOTD standards. Special project constraints include crossing the LA 1 intersection, a graveyard, and the Union Pacific Railroad Crossing.			
10/20-10/23	St. Francis Parkway Extension, City of Gonzales, LA - Design Support. Responsible for drainage design and QA/ QC. This project consists of approximately 0.50 miles of a roadway extension in the City of Gonzales, which will extend S. St. Francis Parkway to Darla Ave. The roadway will help provide connectivity for future commercial development, the future Heritage Crossing development, and help relieve congestion on LA Hwy 30 and LA Hwy 44. Roadway typical section includes (2) 12’ travel lanes, (2) 5’ bike lanes, concrete curb and gutter, (2) 5’ sidewalks, subsurface drainage and			

	multiple box culvert crossings. The proposed roadway crosses 2 major pipelines as well as Jurisdictional Wetlands and Other Waters of the U.S., therefore, permitting was also a major component of this project.
03/23-10/27	Highway 929 & Parker Road Improvements, Ascension Parish, LA - Design Support. Assisted with planning, cost estimating, QA./QC, and agency coordination. The project includes widening Hwy 929 and Parker Road to add two-way left turn lanes and 2' shoulders, adding a right turn lane on Parker Road at the proposed high school site, and constructing a shared use path along both roads to ensure smooth traffic flow and pedestrian safety, connecting to the recently completed path along Hwy 42.
06/15-03/16	Village Road Bridge Replacement, Ascension Parish, LA - Design Support. Assisted with design, permitting, drainage improvements, bidding, construction administration, and observation. The project involved replacing a 77 ft. long by 14 ft. wide, 5-span timber bridge with wooden rails, bulkhead, and piles crossing New River Bayou at Village Road, with an 80 ft. long, 4-20 ft. spans by 24 ft. wide concrete bridge with 10 ft. approach slabs in Ascension Parish.
09/17-10/20	LA 73 at Henry RD Intersection Improvements & Road Widening, Ascension Parish, LA - Design Support. Responsible for drainage design. This project is part of the Move Ascension transportation infrastructure improvement program. Improvements include an asphalt milling & overlay, lane and intersection widening to include turn lanes onto Henry Road, installing 4' shoulders, and installing subsurface drainage.
02/16-02/17	H.011451 LA 22 Rehabilitation (MPO), Ascension Parish, LA - Design Support. Responsible with the assistance with Stage 0 Report, preliminary design, project coordination, geotechnical investigations, subsurface investigations for existing utilities and final design.
08/21-02/23	Veterans Blvd Roadway & Drainage Improvements, City of Gonzales, LA - Project Manager. Responsible for overseeing the planning, design, and management. Her tasks include roadway design, drainage improvements, cost estimation, permitting, and construction administration. The project entailed designing roadway improvements for Gonzales, LA's incomplete Veterans Blvd due to regional development growing traffic capacity. The project includes building a bioswale, a bike/pedestrian route, and rehabilitating the road to reach Gonzales Boulevard.
06/15-04/26	Laurel Ridge Levee Extension, Ascension Parish, LA - Project Manager. Responsible for overseeing the planning, design, and management. Her tasks include levee design, hydrologic and hydraulic (H&H) modeling, permitting, cost estimation, and construction administration. This project consists of extending the existing Laurel Ridge Levee to protect additional properties along/within the Amite River floodplain from backwater flooding and high waters on the Amite River. The proposed project will reduce flood stages by several feet and will provide this protection for a population of approximately 8,500 structures.

16. Staff Experience:

Firm employed by McKim & Creed, Inc.			
Name	Nick Schexnayder, P.E.	Years of relevant experience with this employer	6
Title	Drainage Engineer	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	B.S. / 2020 / Civil Engineering		
Active registration number / state / expiration date	#PE.0049779 / LA / 09-30-2027		
Year registered	2025	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Drainage Engineer Mr. Schexnayder has been involved in many projects ranging from drainage/flood protection to road improvements. He has experience working in pavement research with the LA Department of Transportation & Development. He is experienced in AutoCAD/ AutoCAD Civil 3D/ STAAD/ HEC-RAS/ EPANET SWMM/Topographic Surveying & has knowledge of ASTM & AASHTO Design Codes for Road and Paving Standards.		
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).		
03/23-10/27	Highway 929 & Parker Road Improvements, Ascension Parish, LA - Civil Engineering Intern. Responsible for providing engineering support for the project. His tasks include data collection, design support, and technical documentation. This project involves widening Hwy 929 and Parker Road, adding turn lanes, and creating a shared-use path to manage additional traffic and enhance safety and community connectivity.		
03/21-06/26	H.011558 Acadian Bike Trail, West Baton Rouge Parish, LA – Civil Engineering Intern. Responsible for providing engineering support for the project. His tasks include data collection, design support, cost estimating, QA/QC, and technical documentation. This project involves designing a shared-use path within the Town of Addis to connect the levee top trail to Myhand Park. The trail design adheres to AASHTO and DOTD standards. Special project constraints include crossing the LA 1 intersection, a graveyard, and the Union Pacific Railroad Crossing.		
08/21-03/23	Manchac Acres Bridge Replacement, Ascension Parish, LA - Civil Engineering Intern. Responsible for providing engineering support for the project. His tasks included data collection, design support, cost estimating, QA/QC, and technical documentation. The most recent project under this program included removal of an existing timber bridge, including wingwalls, wood pilings, guardrails, concrete deck and the installation of three (3) 10’x10’x 48’ reinforced concrete box culverts, reinforced concrete box culvert headwalls, grading, drainage and 610 limestone base course. Responsibilities included cost estimates, quantity calculations, preliminary engineering.		
01/21-06/22	2020 Donaldsonville Capital Road Improvements Program, Donaldsonville, LA - Assistant Project Engineer. Assisted with drafting final construction documents, conducted site visits to determine limits of roadway improvements and site characteristics, and helped finalize quantities for bidding purposes in a project aimed at enhancing the city’s roadway infrastructure to improve safety and accessibility for residents. This project consisted of the rehabilitation of various streets within the City of Gonzales with such rehabilitation consisting of milling, asphaltic concrete patching, asphaltic concrete overlay, removal and replacement of concrete pavement with concrete or grout (as specified), and removal and replacement of various damaged sidewalks and roadway curbing.		
07/20-04/22	Semper Fi Drive, City of Gonzales, LA - Civil Engineering Intern. Responsible for providing engineering support for the project. His tasks included data collection, design support, and technical documentation. This project consists of constructing approximately 1,100 linear feet of new roadway between Veterans Boulevard and South Commerce Avenue, providing connectivity for future commercial development and alleviating existing traffic congestion on LA Hwy 30.		

16. Staff Experience:

Firm employed by		McKim & Creed, Inc.		
Name	Jeremiah James Hilario, EI		Years of relevant experience with this employer	2
Title	Roadway Designer		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			B.S. / 2021 / Civil Engineering	
Active registration number / state / expiration date			#EI.0034888 / LA / 09-30-2027	
Year registered	2021	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Hilario has participated in the design of several road projects, both for McKim & Creed and the LADOTD. He has worked on projects involving capacity improvements, roadway rehabilitation, and new construction. He is experienced with AutoCAD Civil 3D, ProjectWise, CAD Conform, and MicroStation and is knowledgeable on DOTD and AASHTO Design standards.	
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).			
03/23-03/27	LA 44 & Parker Rd Roundabout, Ascension Parish, LA - Road Design Support. Responsible for providing road design support for the project. His tasks include design, creation of plan/profile sheets, and dynamic labeling groups. This project consists of the design and construction of a roundabout at the intersection of LA Highway 44 and Parker Road in Prairieville, LA for safety and capacity improvements due to the new Prairieville High School.			
05/22-02/29	LA 22 Bridge Reconstruction & Drainage Improvements, Ascension Parish, LA - Road Design Support. Responsible for providing road design support for the project. His tasks include design, creation of plan/profile sheets, and dynamic labeling groups. This project includes the placing of two bridge structures through LA 22 in Ascension Parish to restore flow through the Amite River Diversion Canal Floodplain which was cut off through the construction of the Diversion Canal and LA 22. Through McKim & Creed’s efforts, this project received full funding of \$42 million dollars through the Louisiana Watershed Initiative and is currently under design.			
03/23-10/27	Highway 929 & Parker Road Improvements, Ascension Parish, LA - Road Design Support. Responsible for providing road design support for the project. His tasks include design, creation of plan/profile sheets, and dynamic labeling groups. This project involves widening Hwy 929 and Parker Road, adding turn lanes, and creating a shared-use path to manage additional traffic and enhance safety and community connectivity.			
09/21-03/22	H.014705 LA 49: Williams Blvd to Veterans, Kenner, LA - Surveyor & Designer responsible for surveying and data collection for major rehabilitation and safety improvement designs that included guard rails and handicapped curb ramps. He also worked closely with the PE and assisted in the design of channelizing islands and left-turn lanes for safety improvement. Prepared final plans and cost estimates for letting, as well as prepared contract proposals for bidders.			
12/21-05/22	H.014706 LA 39 @ Guerra Dr., Violet, LA - Designer responsible analyzing traffic behavior to improve safety on an intersection between LA 39 and a local road. Prepared geometric design and details for channelizing island and designed left-turn lanes from existing medians.			

17. Firm Experience:

Firm name	TRC Engineers, Inc.		Past Performance Evaluation Discipline(s)	Road, Bridge, Traffic
Project name	LA1 / LA 415 Connector		Firm responsibility (prime or sub?)	Prime
Project number	H.005121	Owner's name	Louisiana Department of Transportation and Development	
Project location	West Baton Rouge Parish, LA		Owner's Project Manager	Nicholas Olivier, PE
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802-4438 225.379.1133 nicholas.olivier@la.gov			
Services commenced by this firm (mm/yy)	03/20	Total consultant contract cost (\$1,000's)		\$16,061
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)		\$9,500

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



This ongoing alternative delivery project, for which TRC is the prime consultant, involves the study and design of a new connector between LA 1 near LA 988 (Beaulieu Lane) and I-10 at the LA 415 interchange. The project, which is approximately 5 miles in length, includes a new four-lane roadway and bridge(s) over the Gulf Intracoastal Waterway (GIW), with **modifications to the LA 1 corridor from Phillips Lane to Antonio Road** and **modifications of the existing LA 415 Interchange with I-10**, including the evaluation and design of a Diverging Diamond Interchange. Elevated structures will be required for much of the project, including an elevated Single Point Urban Interchange (SPUI) over a reconfigured LA 1 corridor and Union Pacific Railroad (UPRR) line. This SPUI includes four (4) new ramps on walls and structures to access the newly constructed LA 415 connector.

Initiated as a Design-Bid-Build procurement, the LADOTD transitioned the project's delivery method near the end of preliminary engineering to a Construction Manager at Risk (CMAR) where TRC is the Lead Designer working hand-in-hand with the LADOTD and a CMAR contractor, and an Independent Cost Estimator (ICE) to deliver this project under an **accelerated schedule**. As part of the transition, TRC developed recommendations to establish early works packages to potentially facilitate an early project kick-off. In addition, alternative concept studies were completed in concert with the 30% CMAR submission, such as the conversion of a half diamond interchange at LA 1 to a SPUI, interchange modifications at Sun Plus to address recent geotechnical issues associated with sand boils, and Interchange modifications at I-10 to address stakeholder concerns.

A preliminary study of the corridor was conducted by TRC which included the development of a comprehensive schedule and geometric layout of the project that accounted for previously developed plans. Multiple layouts were evaluated for the connections to LA 415 at the I-10 Interchange as well as the Connector connection to LA 1 where there is a UPRR crossing. During our evaluation of the geometric layout and coordination with other agencies, it was discovered that the Port of Greater Baton Rouge was developing the Inland Rivers Chambering Yard

which includes a railroad storage yard and access road. With knowledge of this project, multiple alignments were developed and discussed with the Port and other stakeholders. A comprehensive Traffic Study was also conducted by a subconsultant to TRC. As part of an environmental re-evaluation, TRC developed exhibits, prepared renderings of the corridor, and attended a public meeting with LADOTD.

TRC recently submitted the 30% CMAR design package that includes two bridges over the GIW to provide alternative options for funding and construction of the Project. The LADOTD is working with TRC, the CMAR Contractor, and ICE in developing an Opinion of Probable Construction Cost (OPCC). Once the OPCC has been approved by LADOTD, the LADOTD's Project Manager will meet with Department executives to compare the OPCC with the available funding to determine if the whole project can be built at once or phased with a single bridge/roadway with the option to build the second bridge in the future. The current estimated construction cost of the project is approximately \$550 million.

STAFF TO BE USED IN THIS PROPOSAL: D. Krone, J. Crouse, C. Hassell, G. Gribble, A. Truong, W.T. Barr

17. Firm Experience:

Firm name	TRC Engineers, Inc.		Past Performance Evaluation Discipline(s)	Road
Project name	Walter O. Bigby Carriageway		Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	City of Bossier	
Project location	Bossier City, LA		Owner's Project Manager	Mark Hudson (retired)
Owner's address, phone, email	620 Benton Road, Bossier City, LA 71171 318.465.5801 markhud1954@gmail.com			
Services commenced by this firm (mm/yy)	09/15	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	01/21	Cost of consultant services provided by this firm (\$1,000's)		\$3,694

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

In early 2014, NTB Associates reached out to TRC to perform bridge, roadway, drainage, utilities, and additional miscellaneous services as a subconsultant for this project which had come back to life after a multi-year hold. Since initial inception of the project, NTB had closed their Civil Division and did not have the resources to complete the work. TRC was accepted by the City to perform the work and moved forward with the design in 2014.

This project included approximately 5,300 feet of reconstructed city streets from two-lane to a three and four-lane configuration, along with approximately 3,600 feet of new four-lane city street which includes a 1,550-foot bridge structure over the Union Pacific Railroad. TRC's portion of the project began just north of Eatman Street and ended at the intersection with Benton Highway.

The Walter O. Bigby Carriageway follows an existing roadway for a portion of the alignment, then continues north on new alignment between the Red River Levee and Union Pacific Railroad. It crosses the existing railroad tracks using a bridge structure and connects to Benton Highway at a new signalized intersection. Work considered various complete streets considerations as well as context sensitive solutions, including sidewalks, landscaping, lighting, and brick pavers. The roadway design included two roundabouts at the intersections of Hamilton Road/Waterplant Road and Shed Road, the reconstruction of three side roads to tie-in to the new Walter O Bigby Carriageway, widening of Hamilton Road from south of US 80 to the new roundabout, and the addition of a left-turn lane and driveway reconfigurations along Benton Highway. Multiple roadway and bridge design teams were established across three offices to further accelerate delivery of the project.

During design, it became apparent that the proposed bridge piling would penetrate the net levee section and require a 408 Permit. A new storm water system and pump station was also designed with the only outlet option being to install a discharge pipe over the levee to the Red River which also required a 408 Permit. For the pump station design, installation methods for the gravity discharge pipe were discussed with the USACE and a micro-tunneling installation method was ultimately overridden and discharge pumping over the levee was incorporated.



TRC designed two roundabouts for traffic flow and safety improvements that offered a repetitive type design that helped accelerate the delivery of the design package.

STAFF TO BE USED IN THIS PROPOSAL: D. Krone, J. Crouse

17. Firm Experience:

Firm name	TRC Engineers, Inc.		Past Performance Evaluation Discipline(s)	Road
Project name	LA 1 - Port Allen Canal Bridge Replacement		Firm responsibility (prime or sub?)	Prime
Project number	H.001234	Owner's name	Louisiana Department of Transportation and Development	
Project location	West Baton Rouge Parish, LA		Owner's Project Manager	Brian Delatte, PE
Owner's address, phone, email	1201 Capital Access Rd., Rm 405-T, Baton Rouge, LA 70802-4438 225.379.1823 Brian.Delatte@LA.gov			
Services commenced by this firm (mm/yy)	12/10	Total consultant contract cost (\$1,000's)		\$5,214
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)		\$1,535

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



TRC initiated this \$197 million project by conducting a feasibility study to investigate three different bridge rehabilitation options and one bridge replacement option (which was ultimately selected) for the existing twin bridges that carry LA 1 over the Intracoastal Waterway. The existing bridges are each two lanes and approximately 2,480 feet long with various structural deficiencies. As part of the study, TRC developed new roadway alignment options for the bridge replacement option.

The proposed LA 1 SB and LA 1 NB replacement bridges are 2,680' and 2,700' respectively and will consist of PPC girder superstructure approach spans and 3-span continuous steel I-girder spans over the Intracoastal Waterway. The LA 1 NB bridge bifurcates at the northern end to accommodate the I-10 EB Exit Ramp geometry. The proposed new LA 1 SB bridge will consist of three 12' travel lanes and two 10' shoulders and be 2,560' long.

Due to the need for the LA 1 bridges to remain open to traffic, **phased accelerated construction options** and a temporary detour bridge option were evaluated. TRC developed two alignment options and conducted the conceptual and preliminary design for a 2,500' long temporary detour bridge consisting of a proprietary truss panel superstructure system and steel pipe pile substructure.

As part of the Preliminary Design, TRC also developed the project's associated **roadway plans** which included traffic analysis and the submittal of a Level 3 Transportation Management Plan. The roadway plans featured **1.27 miles of "Super Street" improvements to LA 1**, including the removal of eight median openings; four new signalized "J-Turns" and left-turn storage; 0.98 miles of new four lane roadway for LA 1 on new alignment including a separate exit ramp for I-10 EB traffic; and the reconstruction of existing frontage road and a railroad at-grade crossing for Ernest Wilson Road.

TRC is currently performing Phase II construction support services to include responding to RFIs and reviewing shop drawings. The project is expected to be complete by spring 2029.



Due to the high traffic volumes for the I-10 connections, a **detailed MOT and sequence of construction scheme** was developed to provide for continuous access to I-10 during construction and to maintain two lanes of traffic flow on LA 1.

STAFF TO BE USED IN THIS PROPOSAL: D. Krone, J. Crouse, W.T. Barr

17. Firm Experience:

Firm name	TRC Engineers, Inc.		Past Performance Evaluation Discipline(s)	Road
Project name	Old Hammond Highway Reconstruction – Segment #2		Firm responsibility (prime or sub?)	Prime
Project number	06-CS-HC-0051	Owner's name	City of Baton Rouge/Parish of East Baton Rouge	
Project location	Baton Rouge, LA		Owner's Project Manager	Zach Schmidt, PE (CSRS) – a Westwood company
Owner's address, phone, email	1100 Laurel Street, Baton Rouge, LA 70802 225.571.5675 zach.schmidt@csrsinc.com			
Services commenced by this firm (mm/yy)	04/07	Total consultant contract cost (\$1,000's)		\$1,131
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)		\$1,085

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

TRC has finalized the engineering design and environmental services associated with the construction of a **four-lane divided curb and gutter roadway with raised median, sidewalks** (boulevard section) and subsurface drainage that will replace an existing 2-lane open ditch roadway. The limits of this project will extend from 1,135 feet east of Millerville Road to 850 feet west of O'Neal Lane (LA 3245). **The estimated construction cost is \$11.8 million.** TRC's responsibilities have included:

- NEPA Environmental Assessment
- Public Hearing and Public meetings
- Development of a line and grade roadway design study
- Corridor survey
- Right-of-Way (ROW) mapping
- Outfall improvement study
- HEC-RAS modeling to determine existing conditions and the effects of proposed improvements
- Final design

In accordance with NEPA, an Environmental Assessment (EA) was completed by TRC staff which included an analyses of the social, economic, cultural and environmental impacts of the proposed project and the solicitation of public input on the alternatives and identified impacts. The potentially impacted affected resources that were analyzed included socioeconomic, environmental justice, land use, archaeological and historical sites, aesthetics and visuals, surface water, groundwater, wetlands, biological, threatened and endangered species, air quality, noise study, hazardous material and underground storage tanks, publicly owned parks, and recreational facilities. The scope of services also included preparation of the EA report and **Solicitation of Views (SOV) letters**, and coordination and consultation with interested federal and state agencies.

A **Public Meeting and a Design Public Hearing were conducted** on behalf of the LADOTD/City of Baton Rouge. Such work involved selecting the location; preparation of public notices, all exhibits, and technical presentation and handouts; hosting the meeting and assigning representatives at all exhibits; delivering a presentation to the public at the DPH; recordation of all comments; and submittal of the results to the DOTD/City of Baton Rouge and FHWA.

A Groundbreaking Ceremony, that TRC attended, was held on Monday, April 27, 2026 and the project is in the early stage of construction and construction will continue until approximately May 2028, during which time TRC is **providing construction engineering support services as needed.**

STAFF TO BE USED IN THIS PROPOSAL: D. Krone, J. Crouse, D. Spurlock



Looking east along existing Old Hammond Highway. Inset depicts Typical Sections w/ 16' (top) and 30' (bottom) medians.

17. Firm Experience:

Firm name	TRC Engineers, Inc.		Past Performance Evaluation Discipline(s)	Road
Project name	Measure G Pavement Maintenance - Shore Road Rehabilitation from Frazier Lake Road to San Felipe Road		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	San Benito County Public Works	
Project location	San Benito County, CA		Owner's Project Manager	Steve Loupe
Owner's address, phone, email	481 4th Street, Hollister, CA 95023 831.207.8347 Sloupe@cosb.us			
Services commenced by this firm (mm/yy)	12/22	Total consultant contract cost (\$1,000's)		\$445
Services completed by this firm (mm/yy)	12/24	Cost of consultant services provided by this firm (\$1,000's)		\$182

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

TRC completed the 100% PS&E documents for road maintenance rehabilitation improvements along Shore Road in San Benito County from Frazier Lake Road to San Felipe Road totaling \$4.6M. TRC prepared the PS&E for the 2.6-mile roadway segment, including roadway design that encompassed utility coordination, pavement design, and drainage design. The maintenance repair was funded using Measure G funds.

The design for this project included Full-Depth Reclamation (FDR) and overlay. During the design phase, the engineering team along with the County field walked the roadway segments to determine failure locations, drainage issues, and types of repair solutions. To expedite the project, aerial images were used to draft the plans in lieu of obtaining detailed surveys. Final pavement delineation and markings were placed on all the new paved roadways to meet current standards. Driveway conform details were prepared where the roadway profile was raised as a result of the FDR and overlay. Drainage culverts that crossed the roadway were protected in place. As part of this project, the intersection of Shore Road and Perry Court was widened for a left-turn pocket which was funded with developer fees.

TRC provided engineering support services during construction to address submittals and Contractor RFI's.



Inset photo shows the severely deteriorated condition of the pavement prior to TRC's design efforts for a full-depth reclamation and overlay.

STAFF TO BE USED IN THIS PROPOSAL: J. Conklin, A. Bedal

17. Firm Experience:

Firm name	Gresham Smith, Inc.		Discipline(s)		Traffic	
Project name	Lafourche Flashing Yellow Arrow Traffic Signal Upgrades			Firm responsibility (prime or sub?)		Prime
Project number	H.13388.5	Owner's name	Louisiana Department of Transportation and Development			
Project location	Lafourche Parish, LA			Owner's Project Manager	Shane Caldwell	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 225.242.4623 shane.caldwell@la.gov					
Services commenced by this firm (mm/yy)		08/24	Total consultant contract cost (\$1,000's)			\$525
Services completed by this firm (mm/yy)		02/26	Cost of consultant services provided by this firm (\$1,000's)			\$382

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



Project Relevance:

- Traffic Signal Upgrades
- Expedited Project Delivery

Gresham Smith was selected by the LADOTD as part of a Traffic Engineering IDIQ with performing the inspection and design services required to upgrade the existing traffic signals in Lafourche Parish to Flashing Yellow Arrow (FYA) operations. This included all of the traffic signals in Lafourche Parish that currently operate with protected / permitted left-turn operations that were currently not being upgraded by existing construction projects, which was 30 traffic signals on the state highway system.

The initial portion of this project involved performing a detailed field inspection to collect all pertinent information on the existing traffic signal equipment as well as the performance of a geometric field check. After the initial field assessment was performed, Gresham Smith met with the LADOTD to review the information collected in the field and determine the level of upgrade that was necessary at each intersection. The upgrades ranged from just upgrading the five (5) section signal heads to FYA heads to complete signal replacements with all new equipment, including mast arms, foundations, cabinet, controllers etc. The final portion of this project included the development of design plans for the traffic signal upgrades, which included 12 full traffic signal replacements and 18 partial traffic signal upgrades.

This project was expedited to meet the requirements of LADOTD to be let for construction within the 2024-2025 Fiscal Year and was completed within a 12-month period. The estimated construction cost of this project is approximately \$4.5 million.

STAFF TO BE USED IN THIS PROPOSAL: B. Moore, A. Cooper, K. Ampofo-Twumasi, R. Murray

17. Firm Experience:

Firm name	Gresham Smith, Inc.	Discipline(s)	Traffic
Project name	LADOTD Traffic Engineering Retainer Contract TO#5: I-10 TMP West of LA 108 Interchange to I-210 Interchange	Firm responsibility (prime or sub?)	Prime
Project number	H.009620.5-1	Owner's name	Louisiana Department of Transportation and Development
Project location	Lake Charles, LA	Owner's Project Manager	Hadi Shirazi
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1929 hadi.shirazi@la.gov		
Services commenced by this firm (mm/yy)	04/18	Total consultant contract cost (\$1,000's)	\$191
Services completed by this firm (mm/yy)	05/19	Cost of consultant services provided by this firm (\$1,000's)	\$110

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

Project Relevance:

- Traffic Management Plan
- Traffic Counts
- Queue Analysis
- Safety Analysis
- Alternate Route/Detour Analysis

LADOTD was in the process of developing design plans for the rubblization and overlay of I-10 from just west of the LA 108 interchange to the I-210 interchange. This project would include mill and overlay of the asphalt portions of I-10, the removal and replacement of concrete panels on mainline I-10 through the LA 108 interchange, installation of an auxiliary lane in both directions between the LA 108 and I-210 interchanges, and the widening of the bridges over the Maple Fork Creek to include inside and outside shoulders

The objective of the Transportation Management Plan (TMP) was to identify the challenges and associated mitigation strategies to minimize the traffic delays associated with lane closures, demand volumes and incidents within the construction limits and primary detour roadways on I-10 and I-210 within the Lake Charles Metropolitan Area. In addition, this project also updated the TMP that was

developed for the I-210 Prien Lake Bridge Re-Decking and Safety Improvement Project (H.010916.5), dated January 2016.

The TMP was prepared following the Level 4 checklist as outlined in Louisiana Department of Transportation and Development (DOTD) Engineering Directives and Standards Manual (EDSM) VI.1.1.8 (Transportation Management Plan (TMP), dated March 13, 2012. As outlined in the EDSM, the necessary tasks included traffic counts and queue analysis, safety analysis, alternate route/detour analysis, stakeholder involvement, temporary traffic control, and documentation.

STAFF TO BE USED IN THIS PROPOSAL: B. Moore, R. Murray

17. Firm Experience:

Firm name	Gresham Smith	Discipline(s)	Traffic
Project name	I-210 at LA 1138-2 (Nelson Rd.) Interchange Modification Re-Evaluation Study		Firm responsibility (prime or sub?) Prime
Project number	H.011065.5	Owner's name	Louisiana Department of Transportation and Development
Project location	Lake Charles, LA	Owner's Project Manager	Brandon DeJean, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 225.379.1988 brandon.dejean@la.gov		
Services commenced by this firm (mm/yy)	03/17	Total consultant contract cost (\$1,000's)	\$290
Services completed by this firm (mm/yy)	03/19	Cost of consultant services provided by this firm (\$1,000's)	\$290

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

Project Relevance:

- Development of a Calibrated Vissim Model
- Data Collection
- Road Safety Assessment
- Crash Report Review
- Determination of Regional Growth Rate
- Development of Traffic Volumes

The approval of a new interstate interchange configuration for the I-210 at Nelson Road interchanges was granted under several conditions by the FHWA's Louisiana Division. One of these conditions was that the LADOTD conduct a re-evaluate the chosen alternative of the I-210 at Nelson Road interchange configuration sometime after the completion of the I-210 at Cove Lane interchange. The study completed by Gresham Smith was undertaken to identify any issues with the Nelson Road and Cove Lane intersections and determine specific design features of the proposed interchange.

To achieve the stated project objective, Gresham Smith was selected by LADOTD to perform a traffic study on the I-210 at Nelson Road interchange. The scope of this study required the development of a calibrated Vissim model for existing conditions and the development of a Vissim model for the proposed Diverging Diamond Interchange (DDI). Gresham Smith was responsible for the data collection, conducting field investigations, travel time runs, conducting a Road Safety Assessment (RSA), reviewing crash reports, developing Vissim models for existing conditions, determining a regional growth rate, developing and modeling a future Build and No Build conditions, and developing a project report. Traffic count data was collected and used to create Vissim models of the study area. These models were calibrated to accurately represent existing traffic patterns along the corridor.

In addition to the proposed reconfiguration of the interchange, Nelson Road was also planned to be extended across Bayou Contraband to the Port of Lake Charles, and terminate at West Sallier Street and West Prien Lane Road at its intersection with Nelson Road. Nelson Road was being converted to a right-in/right-out due to the new roadway being constructed for the Contraband Bayou development that will connect the driveway to the casinos and to the roundabout at the intersection of West Prien Lane Road at Holly Hill Road.

Gresham Smith was also responsible developing traffic volumes for the future roadway configuration of all the improvements within this area. To complete this task, volumes were rerouted through the roadway network in accordance with the new configuration. Gresham Smith was responsible for reviewing the existing year and future No Build year TransCAD models for all projects that had dedicated funding. When available, historic data was considered in the development of growth rates using ADT's collected periodically over a number of years.

STAFF TO BE USED IN THIS PROPOSAL: B. Moore, R. Murray

17. Firm Experience:

Firm name	NTB Associates, Inc.		Discipline(s)	Survey
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	Thomas Gattle, III, PE
Owner's address, phone, email	922 West Pont Des Mouton Road, Lafayette, LA 70507 337.234.3798 tgattle@huvalassoc.com			
Services commenced by this firm (mm/yy)	01/22	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	Present	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.)



Project Relevance:

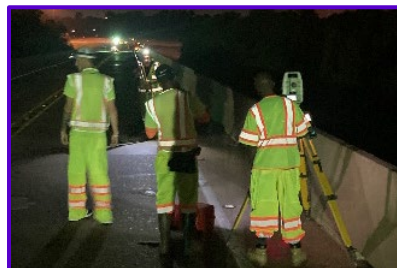
- Topographic Surveys

NTBA has performed Static GPS control, **topographic surveys** using HDS 3D Terrestrial Laser Scanning methods of data collection, property surveying services, traffic control, utility coordination services, and QL A, B, C, & D utility designating/locating. Additional services have included the preparation of title takeoffs, 60% Right-of-Way Maps, Final Right-of-Way Maps, and legal descriptions for this 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; converting LA 511 (Jimmie Davis Hwy) into a four-lane, median-divided highway on the east side of bridge; and the addition of 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 a bridge closure to verify 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. All of this was completed during night shifts to ensure the safety of employees and the public, as well as to avoid traffic disruptions.

NTBA performed property surveys and title take-offs for approximately 50 properties adjacent to the route and a property survey submittal prepared with apparent right-of-way shown. Final Mylar Right-of-Way Maps have been submitted for 21 parcels requiring right-of-way taking. The set included 21 plan and 1 title sheet.

NTBA also performed SUE services to designate all utilities within the project limits. A conflict matrix was created showing the utilities in conflict with the construction. We are coordinating with the utility owners to relocate utilities that conflict with the construction and will monitor the relocation to ensure compliance with relocation plans. NTBA is utilizing the Louisiana Department of Transportation Survey and Design Manual Addendum A as well as CI/ASCE Standard 38-02.

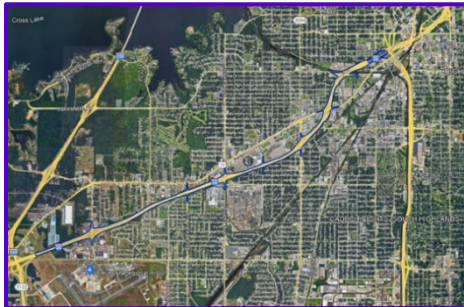


STAFF TO BE USED IN THIS PROPOSAL: M. King, B. Bunch, B. Davis, C. Chapman, P. Staiano, J. Reppond

17. Firm Experience:

Firm name	NTB Associates, Inc.		Discipline(s)		Survey	
Project name	I-20: Monkhouse to I-49, Route I-20				Firm responsibility (prime or sub?)	Prime
Project number	4400017713/ H.010468.5	Owner's Name	Louisiana Department of Transportation and Development			
Project location	Caddo Parish, LA		Owner's Project Manager	Barrett Smith, PLS		
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1133 barrett.smith@la.gov					
Services commenced by this firm (mm/yy)	04/22	Total consultant contract cost (\$1,000's)				\$1,355
Services completed by this firm (mm/yy)	04/23	Cost of consultant services provided by this firm (\$1,000's)				\$1,355

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



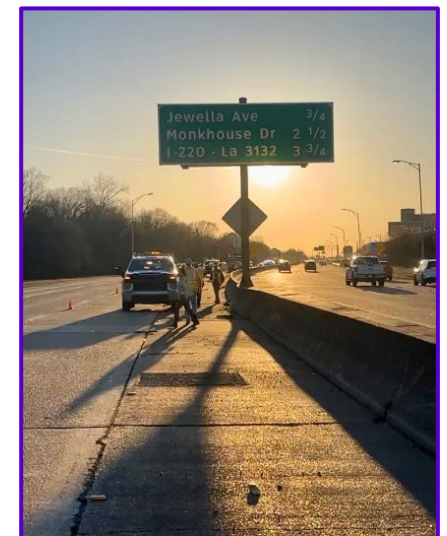
Project Relevance:

- Topographic Surveys

NTBA performed Static GPS Control; **topographic surveying services** using RTK and conventional surveying and HDS 3D Terrestrial Laser Scanning; Traffic Control; and QL C & D subsurface utility investigation for an 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, Kings Hwy, and Lakeshore Drive.

NTBA managed a sub-consultant, E.S.P. Associates, P.A., to perform 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 the project 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 were completed in accordance with the Location and Survey Manual and all currently accepted Location and Survey Automated procedures.

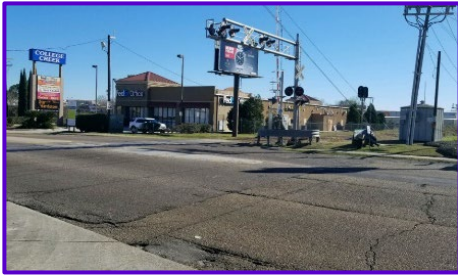


STAFF TO BE USED IN THIS PROPOSAL: M. King, B. Bunch, B. Davis, C. Chapman, P. Staiano, J. Reppond

17. Firm Experience:

Firm name	NTB Associates, Inc.		Discipline(s)	Survey
Project name	I-10: LA 415 to Essen Lane on I-10 and I-12		Firm responsibility (prime or sub?)	Prime
Project number	44-12323, 44-17713, 44-14660, 44-21975 - Multiple TOs	Owner's Name	Louisiana Department of Transportation and Development	
Project location			Owner's Project Manager	Nicholas J. Olivier, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1133 nicholas.olivier@la.gov			
Services commenced by this firm (mm/yy)	12/17	Total consultant contract cost (\$1,000's)		\$8,777
Services completed by this firm (mm/yy)	08/25	Cost of consultant services provided by this firm (\$1,000's)		\$5,447

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



Project Relevance:

- Topographic Surveys

This project began in 2017 and has continued throughout the years under separate Task Orders for additional work. NTBA has performed Static GPS control surveys, **topographic surveying services**, HDS 3D Terrestrial Laser Scanning, and QL B, C, D subsurface utility designating services throughout the approximately 11 miles of the project corridor of I-10 and approximately 2 miles of the project corridor of I-12 in West Baton Rouge and East Baton Rouge Parishes, including all surface streets and drainage ways within and surrounding the project corridor. NTBA was the prime consultant and in direct supervision and control of 7 sub-consultants with multiple project milestones.

Topographic surveying used conventional surveying, Static/ RTK GPS, and HDS 3D Terrestrial Laser Scanning methods of data collection. The project also included several lane closures of the interstate which were all accomplished by NTBA staff and most completed at night. NTBA also developed surface models from LiDAR data obtained from our survey crews as well as those of the 3 other sub-consultants. This involved much coordination with the sub-consultants to ensure that the surfaces were seamless at the transitions between the different surveys.

In addition to the survey work, NTBA performed QL B, C, and D utility designating services as part of this project. NTBA provided designating crews and provided coordination between 2 other SUE sub-consultants. As the prime and because of the extensive scope of this project, the project was split into multiple sections with each of the 3 SUE firms receiving their own sections with differing submittal deadlines. NTBA also performed the topographic survey of the designation of utilities performed by Cardno to prepare the QL B map. Drawings with aerials and MicroStation files were provided as the deliverable. This project was completed in accordance with the most current edition of the Location and Survey Manual and all currently accepted Location and Survey Automation procedures



STAFF TO BE USED IN THIS PROPOSAL: M. King, B. Bunch, B. Davis, C. Chapman, P. Staiano, J. Reppond

17. Firm Experience:

Firm name	WSP USA Inc.		Discipline(s)	Road, Traffic
Project name	GDOT Region 2 General Engineering Services On-Call (Contract 2)		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Georgia Department of Transportation	
Project location	GDOT Region 2, Georgia		Owner's Project Manager	Cherral Dempsey
Owner's address, phone, email	One Georgia Center, 600 West Peachtree Street NW, Atlanta, GA 30308 404.631.1154 cdempsey@dot.ga.gov			
Services commenced by this firm (mm/yy)	09/24	Total consultant contract cost (\$1,000's)		\$40,000
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm (\$1,000's)		\$18,041

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

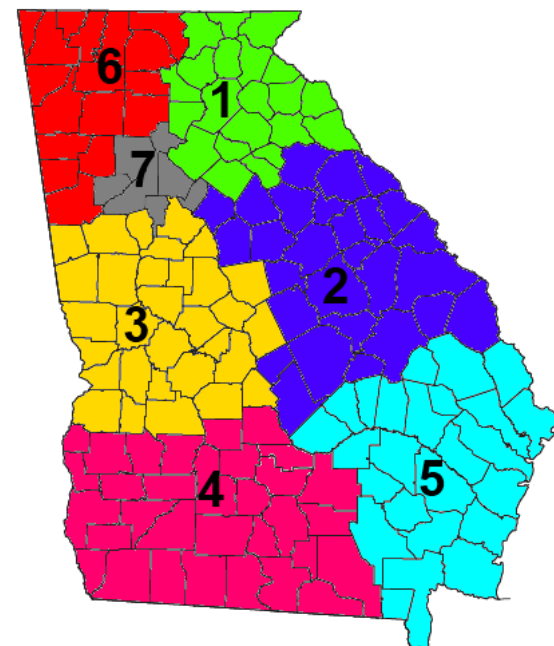


Project Relevance:

- Task Order Contract
- Safety Improvements
- Traffic Analysis
- Signal and Signage Design
- Roundabout Design
- Pavement Replacement

WSP serves as the prime consultant providing A&E design and engineering support for GDOT on an on-call (Task Order) basis in **Region 2**, which covers District 3, parts of District 2 (Newton, Morgan, Greene, Oglethorpe, Wilkes, Lincoln, Jasper, Putnam, Taliaferro), and District 7 (Fulton, DeKalb, Clayton, Rockdale).

With 110 task orders completed, WSP's scope includes traffic analysis, forecasting, signal and signage design, roundabout design, pavement replacements, safety improvements, road transformations, bridge concept support, and truck expansion projects.



STAFF TO BE USED IN THIS PROPOSAL: M. Cutura

17. Firm Experience:

Firm name	WSP USA Inc.		Discipline(s)	Road, Traffic
Project name	TxDOT I-35E Phase 2 Design-Build (DB) Project			Firm responsibility (prime or sub?) Sub
Project number	30901339	Owner's name	Texas Department of Transportation	
Project location	Dallas County, Texas		Owner's Project Manager	Nolan Del Hierro, P.E.
Owner's address, phone, email	4777 U.S. 80 Frontage Rd., Mesquite, TX 75150 214.320.6646 nolan.delhierro@txdot.gov			
Services commenced by this firm (mm/yy)	09/21	Total consultant contract cost (\$1,000's)		\$23,775
Services completed by this firm (mm/yy)	03/26	Cost of consultant services provided by this firm (\$1,000's)		\$23,775

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

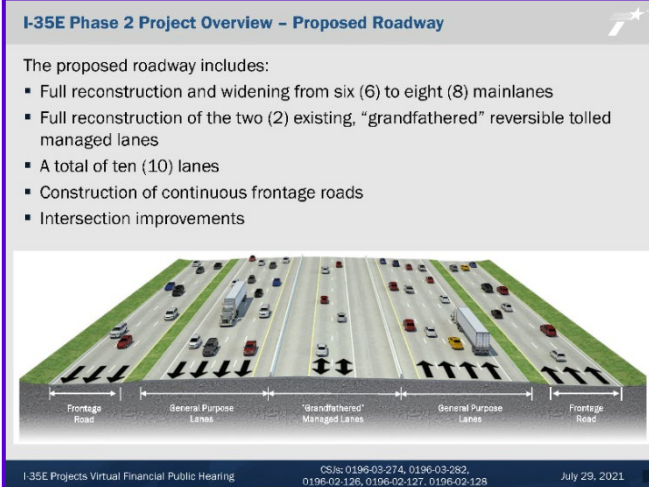


Project Relevance:

- Roadway Design
- Traffic Engineering
- Hydraulics/Drainage Design
- MOT Design

WSP served as lead designer on the Lone Star Constructors (a Joint Venture of Fluor and Austin Bridge and Road) design-build team for the I-35E Phase 2 design-build project. The project reconstructed and widened a 6.39-mile southern section of I-35E in Dallas County from I-635 to the Denton County Line. The project consisted of widening the section from 6 to 8 general purpose lanes, widening the reversible managed lanes from 2 to 4, and improving intersections and frontage roads to decrease congestion and improve safety for motorists. The scope of the project involved replacing five (5) existing bridge structures and widening a 2,000 ft. elevated structure on current alignment while maintaining existing traffic on I-35E. The project also added six (6) wishbone direct connector ramps using post-tensioning for the long straddle caps. The bridge widening included two +250 ft. simple steel spans. TxDOT required WSP to maintain tolling operations during construction, which is the first such requirement in Dallas District for a design-build project. WSP's Maintenance of Traffic (MOT) team closely collaborated with tolling and signing engineers, along with the Contractor, to meet this challenging requirement in a very congested corridor.

WSP's design team was responsible for design of the bridge replacements, MOT design, ITS/Tolling, geotechnical design, retaining walls, hydraulic and drainage design, erosion control, roadway design, traffic engineering, and design support services during construction.



STAFF TO BE USED IN THIS PROPOSAL: M. Trueblood

17. Firm Experience:

Firm name	WSP USA Inc.		Discipline(s)		Road
Project name	Three Mile Lake Flood Reduction			Firm responsibility (prime or sub?)	Sub
Project number	H.015047	Owner's name	Louisiana Department of Transportation and Development		
Project location	St. Landry Parish, LA		Owner's Project Manager	Lillie Carpenter	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.3022 Lillie.Carpenter@la.gov				
Services commenced by this firm (mm/yy)	10/25	Total consultant contract cost (\$1,000's)			\$342
Services completed by this firm (mm/yy)	11/26 (est.)	Cost of consultant services provided by this firm (\$1,000's)			\$342

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



Project Relevance:

- Roadway Design
- Hydraulics/Drainage Design

WSP tasked with providing engineering design services for the LADOTD Three Mile Flood Reduction project located in St. Landry Parish. The Three Mile community has experienced backwater flooding due to rising water levels from the Atchafalaya River floodway, Darbonne Bay and Two O' Clock Bayou. Residents have previously on two separate occasions constructed temporary earthen dams at the outfall of the lake to prevent the risk of flooding from opening of the Morganza Spillway

To mitigate flooding from Darbonne Bay, WSP evaluated the elevation of the existing 1500' western perimeter road along the community which is bounded by Three Mile Lake to the East and Darbonne Bay to the West. The existing roadway was subsequently designed to be raised by 6" to mitigate this overtopping flooding. Roadway typical sections, profiles and grading plans were created by WSP.

The project also includes WSP's design of a 16' wide concrete stoplog gate closure structure crossing the Two O' Clock Bayou channel in alignment with the old Hwy. 190 roadway. A sheet pile wall has been proposed which extends from the closure structure to the old Hwy. roadway embankment. WSP geotechnical and structural engineers created a design for the timber pile foundation, sheet piling and concrete structure. Temporary traffic control along old Hwy. 190 for the future construction phase was also evaluated. Other flood mitigation design measures developed by WSP included the design of concrete head walls with flap gates for the 86" and 36" culverts crossing old Hwy. 190.

The project included coordination of the design and conceptual plan exhibits with LADOTD and St. Landry Parish. LADOTD design

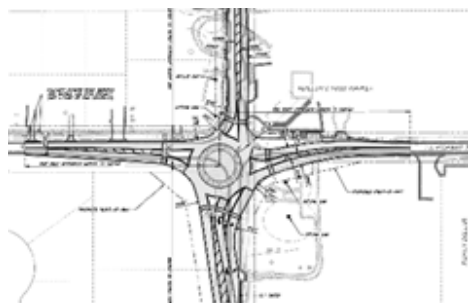
guidelines were followed for the project.

STAFF TO BE USED IN THIS PROPOSAL: B. Hundt and R. Waldron

17. Firm Experience:

Firm name	McKim & Creed, Inc.		Discipline(s)		Road	
Project name	LA 44 @ Parker Road Roundabout				Firm responsibility (prime or sub?)	Prime
Project number	08391-0009	Owner's name	Ascension Parish			
Project location	Prairieville, LA			Owner's Project Manager	Daniel Helms	
Owner's address, phone, email	615 East Worthey Street, Gonzales, LA 70707 225.621.9608 daniel.helms@apgov.us					
Services commenced by this firm (mm/yy)		03/23	Total consultant contract cost (\$1,000's)			\$442
Services completed by this firm (mm/yy)		03/27 (est.)	Cost of consultant services provided by this firm (\$1,000's)			\$244

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



The project includes the design of a single-lane roundabout at the intersection of LA 44 and Parker Road / LA 933 to improve traffic operations and enhance overall intersection safety. The roundabout will replace an existing signalized intersection to reduce congestion, minimize delays, and improve traffic flow in a rapidly developing area near Prairieville High School. The project emphasizes safer and more efficient vehicle movements while incorporating accommodations for pedestrians and cyclists to support multimodal transportation.

Design efforts considered existing site constraints, including nearby driveways, parking areas, and mature trees, as well as coordination with adjacent land uses to maintain access during construction. Additional considerations included traffic safety during construction, minimizing impacts during the school year, and integrating the roundabout into the surrounding environment. The project will improve intersection performance, reduce crash potential, and support long-term traffic demands for the Ascension Parish roadway network. The firm's responsibilities included traffic analysis, funding assistance, roadway design, permitting, and construction engineering and inspection (CE&I)

Project Relevance:

- Roundabout Design
- Traffic Analysis
- Roadway Geometric Design
- Pedestrian & Bicycle Accommodations

STAFF TO BE USED IN THIS PROPOSAL: D. Mayard, J. Hilario, N. Schexnayder

17. Firm Experience:

Firm name	McKim & Creed, Inc.		Discipline(s)	Road
Project name	LA 22 Bridge Construction & Drainage Improvements		Firm responsibility (prime or sub?)	Prime
Project number	08393-0004	Owner's name	Pontchartrain Levee District (PLD)	
Project location	Ascension & Livingston Parishes, LA		Owner's Project Manager	Monica S. Gorman
Owner's address, phone, email	2069 Railroad Avenue, Litcher, LA 70071 225.869.9721 mgorman@leveedistrict.org			
Services commenced by this firm (mm/yy)	05/22	Total consultant contract cost (\$1,000's)		\$3,500
Services completed by this firm (mm/yy)	12/26 (est.)	Cost of consultant services provided by this firm (\$1,000's)		\$2,400

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



This project involved the replacement of two bridge structures through LA 22 in Ascension Parish to restore flow through the Amite River Diversion Canal Floodplain which was cut off as a result of constructing the Diversion Canal and LA 22. LA 22's alignment prevents water from flowing through the floodplain and causes a backwater event. This project also has major benefit to the McElroy Swamp which is located on the downstream side of LA 22 and is separated from the Diversion Canal by the spoil banks of the Amite River.

Through McKim & Creed's efforts, this project received full funding of \$42 million through the Louisiana Watershed Initiative. McKim & Creed is responsible for the civil design of the project, along with the roadway design of LA 22 which conforms to LA DOTD's standards. A component of the design involved setting the elevation of LA-22 at its intersection with the Marvin Braud North and Laurel Ridge Levee to accommodate future levee lifts.

The firm's responsibilities have included data collection, funding assistance, cost estimates, roadway design, civil design, project management, stormwater pollution prevention planning, DOTD coordination, meeting attendance, construction administration, and RPR services.

Project Relevance:

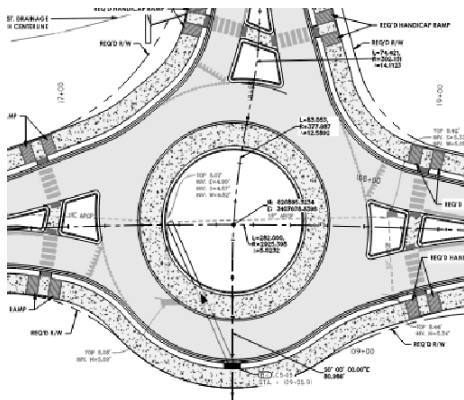
- Road Design
- Wetland Restoration
- Civil Design
- Data Collection
- Funding Assistance
- Flood Control Design

STAFF TO BE USED IN THIS PROPOSAL: K. Koehl, D. Mayard, N. Schexnayder, J. Hilario

17. Firm Experience:

Firm name	McKim & Creed, Inc.		Discipline(s)	Road
Project name	Our Lady of Lake Hospital Connector		Firm responsibility (prime or sub?)	Prime
Project number	08386-0015	Owner's name	City of Gonzales, LA	
Project location	Gonzales, LA		Owner's Project Manager	Jackie Baumann, PE
Owner's address, phone, email	120 S. Irma Boulevard Gonzales, LA 70737 225.647.2841 jackie@gonzalesla.com			
Services commenced by this firm (mm/yy)	06/23	Total consultant contract cost (\$1,000's)		\$409
Services completed by this firm (mm/yy)	12/26 (est.)	Cost of consultant services provided by this firm (\$1,000's)		\$373

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



Project Relevance:

- Road Design
- Roundabout Design
- Civil Design
- Data Collection

The Our Lady of the Lake Connector project aims to enhance local connectivity and accessibility. The undertaking entails the design and construction of a vital connector road stretching from St. Elizabeth Boulevard to the St. Francis Parkway Extension. This strategic corridor will not only alleviate traffic congestion but also prioritize the safety and convenience of both motorists and pedestrians. Central to the project's vision is the integration of sustainable transportation options. In addition to vehicular lanes, the roadway will feature dedicated bike paths and pedestrian facilities, thus fostering a more inclusive and environmentally conscious urban landscape.

The intersection at the tie-in was originally designed as a roundabout. Following completion of the design, the City elected to revise it to a standard T-intersection to reduce right-of-way and construction costs. Through planning and innovative engineering solutions, McKim & Creed is committed to delivering a transformative infrastructure asset that not only meets the needs of the community but also sets a precedent for future development initiatives. The Our Lady of the Lake Connector Roadway project represents a collaborative effort to enhance mobility, promote safety, and foster a more vibrant and interconnected urban environment in Gonzales, Louisiana.

The firm's responsibilities include preliminary / final design, survey, wetland delineation, permitting, bidding services, CE&I, and materials testing.

STAFF TO BE USED IN THIS PROPOSAL: D. Mayard, N. Schexnayder, J. Hilario

18. Approach and Methodology:

PROJECT UNDERSTANDING

TRC Engineers, Inc. (TRC) understands that the LADOTD's Statewide Roadway Design Services IDIQ program is intended to deliver timely, standards-compliant roadway plans and related engineering services through individual Task Orders (TOs). Each TO will have a defined specific scope, schedule and compensation, and all work must be completed within the IDIQ contract term. The advertisement notes that project time is compressed, and for evaluation purposes the Consultant shall assume up to six (6) task orders may be active concurrently at any given time per contract. TRC has assembled a delivery approach and staffing strategy to accommodate this expected work demand.

Based on the goals and objectives of this IDIQ and our understanding of the LADOTD's project delivery process, we anticipate that TOs may include a wide range of roadway and intersection improvement types (e.g., pavement preservation, geometric improvements, operational/safety improvements, traffic control and signal modifications), along with the associated supporting services required to advance projects from data collection through preliminary and final plan development.

TRC TEAM EXPERIENCE

Our team's staff that has been assembled for this contract understand the LADOTD's preferences and expectations for plan development, electronic deliverables, and disciplined QA/QC. As Prime Consultant, TRC will provide single-point accountability for scope, schedule, quality, and coordination across all TOs, while ensuring consistent standards of performance across all disciplines and any supporting subconsultants.

TRC's approach emphasizes early coordination, practical and constructible design solutions, and proactive risk management to reduce rework, expedite reviews, and support LADOTD's goal of delivering projects efficiently while minimizing impacts to the traveling public. We understand that the LADOTD intends to implement Open Roads Designer for the work completed under this contract. If LADOTD chooses to use this software, we have the expertise to support its deployment right away.

TECHNICAL APPROACH

PROJECT EXECUTION AND MANAGEMENT

TRC understands that a Prime-led management approach is critical to the successful execution and completion of assigned Task Orders. TRC will implement a repeatable TO delivery framework that scales to support multiple concurrent TOs and compressed schedules while maintaining consistent quality and responsiveness.

For each TO, TRC will assign a dedicated TO Manager responsible for coordinating internal and subconsultant resources, maintaining schedule control, tracking decisions and action items, and confirming submission readiness prior to each milestone. The TRC IDIQ Project Manager (identified in Section 14) will serve as the primary point of contact to LADOTD and will oversee scoping, staffing, contract execution support, delivery performance, and issue resolution across all active TOs.

PROJECT SCOPING & KICKOFF

A clearly defined scope is critical for successful task order delivery. Upon TO assignment, TRC will conduct preliminary investigations to confirm the existing conditions, constraints, and data availability (e.g., as-built plans, prior studies, traffic data, environmental documentation, and relevant LADOTD standards). This will be supplemented by site visits and consultation with the LADOTD and TRC's subject-matter experts, as well as one or more subconsultants.

Using this information, our team will prepare a draft scope, man-hour estimate, and baseline schedule for the LADOTD's review to support negotiation and issuance of the Notice to Proceed (NTP). Following NTP, TRC will hold a kickoff meeting with the LADOTD Project Manager and key stakeholders to confirm project objectives, design criteria, coordination needs, and deliverable schedules. TRC will document the kickoff meeting outcomes and establish communication protocols and coordination cadence appropriate to the TO complexity.

DATA COLLECTION, ANALYSIS & FIELD VERIFICATION

Following NTP and consistent with the TO scope, our team will execute a disciplined data collection phase that may include topographic survey, traffic data collection and studies, field verification, and records research. Early field reviews

will be used to identify site constraints (utilities, access, drainage, ROW limitations, constructability issues) and to reduce downstream revisions.

PRELIMINARY DESIGN & PLAN DEVELOPMENT

TRC and our team will develop preliminary plans and supporting technical documentation in accordance with the LADOTD's current manuals, standards, and guidelines referenced in the advertisement. As appropriate to each TO, TRC will deliver staged preliminary submittals and include written responses to LADOTD review comments in order to demonstrate how each comment was addressed.

Where standard criteria cannot reasonably be met due to site constraints, TRC and our team members will coordinate early with the LADOTD to identify practical alternatives and document the basis for decisions that are consistent with LADOTD processes. Maintenance of traffic and constructability considerations will be integrated throughout preliminary development to balance safety, public impacts, schedule, and cost.

SERVICES DURING THE ENVIRONMENTAL PROCESS

When required by the TO, our team will support the LADOTD during the environmental process by preparing engineering drawings and exhibits for permitting needs, supporting public involvement activities, and assisting with stakeholder coordination. TRC and our team will integrate environmental commitments and permit conditions into the design and contract documents as applicable.

FINAL DESIGN, PS&E, AND CONTRACT DOCUMENTS

Following environmental clearance (as applicable) and at the LADOTD's direction, our team will advance plans to final design; complete design details, final quantities, cost estimates/OPCC updates as required; and prepare special provisions write-ups. TRC will coordinate interdisciplinary reviews to ensure consistency across roadway, traffic, drainage, and other supporting elements.

ELECTRONIC DELIVERABLES / PROJECTWISE

Our team understands that the LADOTD requires electronic deliverables in conformance with LADOTD Software and Deliverable Standards for Electronic Plans and LADOTD CAD standards. Our team will upload/check-in electronic deliverables directly into the LADOTD's ProjectWise repository at each milestone and will ensure that required indexing attributes, PDF

publishing, and digital signing are completed in accordance with LADOTD standards and procedures. TRC will also ensure that subconsultant deliverables conform to the same electronic delivery requirements.

CONSTRUCTION SUPPORT

Our team understands that construction support may be required under TOs to help the LADOTD maintain efficient contract administration and minimize delays. TRC will provide timely responses to Requests for Information (RFIs) in accordance with the advertisement's stated response expectations and will support informational meetings and minor revisions when authorized by the LADOTD Project Manager.

METHODOLOGY BY DISCIPLINE

To deliver the required roadway design services and supporting tasks, TRC will undertake the following methodologies with respect to each discipline, as applicable to each TO.

Roadway Design Services:

Our team will develop preliminary and final roadway plans, geometric design, typical sections, and details in accordance with LADOTD standards. We will integrate constructability, maintenance of traffic, staging, and safety considerations throughout plan development, coordinating early with District staff to reduce late-stage revisions.

Survey / Data Collection:

Our team will perform and manage survey and field data collection that is consistent with LADOTD requirements to produce accurate base mapping and supporting data necessary for design. Field verification will be used to identify constraints and validate records information early in the process.

Traffic Engineering / TMP / MOT:

Our team will develop traffic control concepts and coordinate traffic studies, traffic signal analysis/design, and Transportation Management Plans (TMPs) as required by the TO. Maintenance of Traffic (MOT) plans will be developed to balance safety, constructability, and impacts to the traveling public, with appropriate coordination with LADOTD and District personnel.

Hydraulic Analysis and Design:

Our team will perform hydraulic analysis and drainage design in accordance with LADOTD requirements, advancing storm drain and cross-drain design through

preliminary and final milestones. Calculations and supporting documentation will be developed and delivered per TO requirements and LADOTD practices.

Safety Analysis:

When safety analysis services are included, our team will evaluate crash history and operational conditions, identify safety needs, and support Road Safety Assessments (RSA) when requested by LADOTD. Recommendations will focus on practical mitigation measures and low-cost safety improvements where feasible.

Special Provisions / Technical Documentation:

Our team will prepare special provisions write-ups for non-standard pay items and project-specific requirements, consistent with LADOTD formats and applicable specifications. TRC will coordinate pay item development, quantities, and estimates to support PS&E completeness and constructability.

Quality Plan Reviews / Peer Reviews:

TRC will perform detailed plan, specification, and estimate reviews (when requested) and apply independent technical reviews as part of our internal QA/QC process to reduce errors and omissions prior to submission.

Environmental & Permitting Support:

Our team will support permitting and environmental coordination needs as required by the TO. We will develop exhibits and technical materials, and ensure that permit conditions and environmental commitments are incorporated into plans and contract documents.

QUALITY ASSURANCE / QUALITY CONTROL

TRC will implement a systematic and consistent QA/QC process for all deliverables, including a review of all subconsultant work prior to submission. In accordance with the advertisement, TRC will submit a QA/QC plan to the LADOTD Project Manager within ten (10) business days of award notification (as directed, the QA/QC plan is not included in this Form 24-102).

SCHEDULE

Given the distinct nature of each task type, we have established a comprehensive conceptual schedule for an all-inclusive task order of moderate complexity (see next page). This schedule is designed to illustrate the anticipated duration associated with each service type and deliverable. As demonstrated herein, our team possesses the necessary expertise and resources

to manage up to six Task Orders simultaneously. While process delays or external factors, such as extended review periods, consideration of new alternatives, approvals for waivers and exceptions, utility coordination, permitting, railroad participation, and addressing concerns from external agencies and stakeholders are all common to every project, TRC remains committed to collaborating with the LADOTD to proactively mitigate risks and ensure the delivery of an accurate project schedule.

COMMITMENT TO RESPONSIVENESS

TRC will maintain disciplined communication, schedule controls, and submission readiness practices across all TOs. Our Prime-led delivery framework is designed to provide the LADOTD with consistent, standards-compliant deliverables, predictable performance across concurrent TOs, and timely support during design development and construction activities.

CONCEPTUAL SCHEDULE FOR AN ALL-INCLUSIVE TASK ORDER OF MODERATE COMPLEXITY	Year 1				Year 2				Year 3				Year 4				Year 5			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PROJECT SCOPING & KICKOFF																				
DATA COLLECTION, ANALYSIS & FIELD VERIFICATION																				
PRELIMINARY DESIGN & PLAN DEVELOPMENT																				
60% Preliminary Design & Plan Development																				
95% Preliminary Design & Plan Development																				
Plan in Hand Meeting																				
100% Preliminary Design & Plan Development																				
PERMITTING & ENVIRONMENTAL SUPPORT																				
RIGHT OF WAY MAPPING																				
FINAL DESIGN, PS&E, AND CONTRACT DOCUMENTS																				
60% Final Design, PS&E, and Contract Documents																				
Joint Plan Review Meeting (if Necessary)																				
95% Final Design, PS&E, and Contract Documents																				
Advanced Check Print (ACP) Meeting																				
98% Final Design, PS&E, and Contract Documents																				
100% Final Design, PS&E, and Contract Documents																				
CONSTRUCTION SUPPORT																				

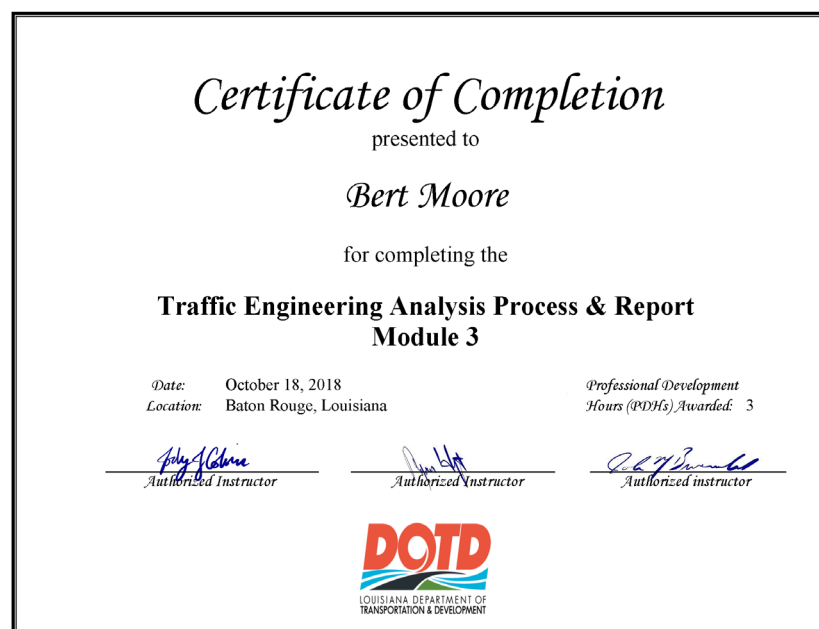
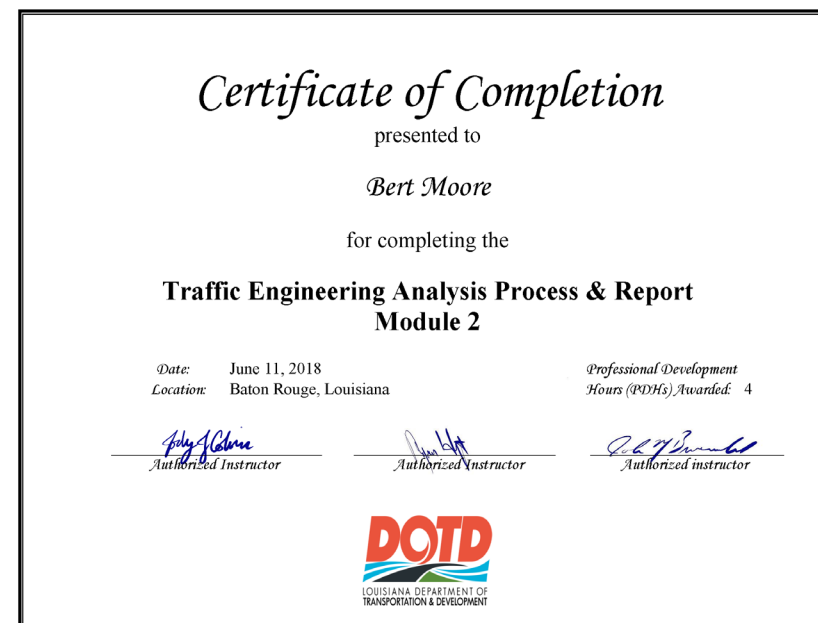
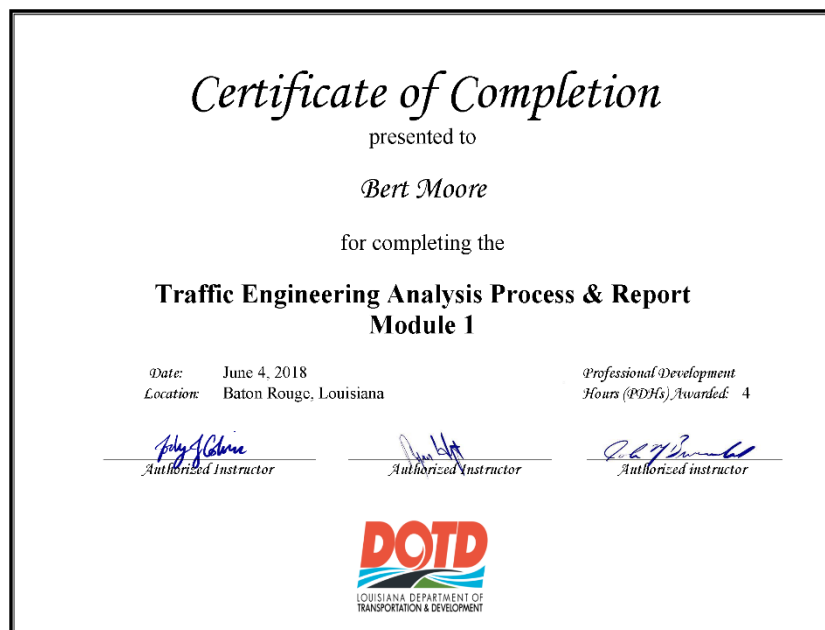
19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
TRC Engineers, Inc.	Bridge	44-24185 / H.016046.5	US 190: Atchafalaya River @ K'Springs Repairs	\$150
	Bridge	44-21128 / H.014258.6	LA 1 Construction Services	\$396,922
	Bridge	44-17033 / H.005121	LA 1 / LA 415 Connector	\$3,172,684
	Road	44-17033 / H.005121	LA 1 / LA 415 Connector	\$957,684
	Other (Project Management)	44-17033 / H.005121	LA 1 / LA 415 Connector	\$407,603
	Bridge	44-27652 / H.009859.5 (H.009859.5	Bridge load rating services	\$1,584,315
	Bridge	44-21515 / H.010004.5	Contract 3 for Movable Bridges – Olivier	\$137,376
	Bridge	44-21515 / H.011974.5	Contract 3 for Movable Bridges – Dulac	\$73,548
	Bridge	44-21515 / H.011991.5	Contract 3 for Movable Bridges – Daspit	\$150,579
	Bridge	44-21515 / H.012738.5	Contract 3 for Movable Bridges – Morbihan	\$204,937
	Bridge	44-21515 / H.014191.5	Contract 3 for Movable Bridges – Nelson	\$209,350
Gresham Smith	Bridge	44-21514; H.012003	Movable Bridge Contract 2	\$80,947
	CE&I/OV	44-25536; H.014088.6	US 61 Intersection Improvements @ LA 427 (MBI)	\$107,271
	CE&I/OV	44-25536; H.015944.6	LA 3125: la 70 - LA 323	\$6,112
	CE&I/OV	44-21740; H.004100.6	I-10 LA 415 to Essen Lane	\$26,317
	CE&I/OV	44-31927; H.014737.6	Signal Upgrade: Sgt Alfred (CEI)	\$11,823
	CE&I/OV	44-27349; H.003931.6	Calcasieu River Bridge (HBI)(CEI)	\$1,185,931
	Other (Program Mgt)	44-27186; H.015959.1	Discretionary Grant Administration	\$1,214,867
	Road	44-21326; H.014693.1	Stage 0 LA 67 (Plank Rd) at LA 3006	\$17,263
	Road	44-26911; H.015202.5	LRSP/STRPPP TO #10 Donaldsville	\$63,734
	Road	44-26911; H.015207.5	SRTPPP TO #11 (BRCC Design)	\$132
	Road	44-26911; H.016080.5	SRTPPP TO #12 (US 90 @ Sharp Design)	\$146,815
	Road	44-27210; H.012859.5	Roundabout at Valhi Blvd	\$147,272
	Road	44-27181; H.015861.5	LA 4 (Jonesboro)	\$112,958
	Road	44-27181; H.015918.5	Downtown Winnfield	\$157,515
	Road	44-26912; H.013720.5	LRSP/STRPPP TO #12 LA 31 Sidewalk	\$167,401
	Road	44-26912; H.016205.5	LRSP/STRPPP TO #13 LA383 Sidewalks	\$154,343

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
	Road	44-31004; H.015580.5	Natchitoches Safe Streets	\$536,409
	Traffic	44-25298; H.016039.5	LA 47: LA46 - Virtue St	\$105,639
	Traffic	44-25298; N/A	LA 24: Downtown Houma Study	\$63,151
	Traffic	44-25298; H.016007.5	I-10: Siegen Lane Interchange	\$165,592
	Traffic	44-25298; N/A	Permit Review (District 05)	\$300,000
	Traffic	44-26911; H.013718.5	LRSP/STRPPP TO #3 LA 23 Gretna	\$67,731
	Traffic	44-26911; H.013713.5	LRSP/STRPPP TO #4 LA 60 Bogalusa	\$21,705
	Traffic	44-26911; H.015198.5	LRSP/STRPPP TO #5 S. Carrollton)	\$900
NTB Associates, Inc.	Survey	4400019338 Multiple SP Nos. Per Bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Waggoner)	\$49,879
	Survey	4400019337 Multiple SP Nos. Per Bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI)	\$28,531
	Survey	4400025041 H.015406	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program - Lock No. 3 Bridge, St. Tammany Parish (Sub to Waggoner)	\$10,216
	Survey	4400025041 H.015403	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program - W. Yellow Water Road Bridge, Tangipahoa Parish (Sub to Waggoner)	\$6,331
	Survey	4400027686 H.008768.5	IDIQ Contract for Hydrographic Surveying Services – Task Order No. 7 – Spring Bridges	\$22,318
	Other (SUE)	4400026587 H.001779	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/ Huval & Associates, Inc.)	N/A
	Survey	4400027918 H.012869.5	IDIQ Contract for Professional Boundary Surveying Services – Task Order 3 – LA 182 (Univ) @ LA 723 (Renaud) Roundabout, Lafayette Parish	\$27,332
	Survey	4400027918 H.011310	IDIQ Contract for Professional Boundary Surveying Services – Task Order 4 – Ford Street Extension, District 61	\$13,872
	Survey	4400027918 H.015721	IDIQ Contract for Professional Boundary Surveying Services – Task Order 5 – LA 30 Roundabout, Ascension Parish	\$23,592
	Survey	4400027918 H.015568	IDIQ Contract for Professional Boundary Surveying Services – Task Order 6 – LA 44 Pelican Point Roundabout & Widening, Ascension Parish	\$4,121

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
	Survey	4400027918 H.014059	IDIQ Contract for Professional Boundary Surveying Services – Task Order 7 – US 80: Bridges Near Minden, Webster Parish	\$14,435
	Survey	4400027918 H.014059	IDIQ Contract for Professional Boundary Surveying Services – Task Order 8 – US 80: Bridges Near Minden, Additional Site, Webster Parish	\$842
	Survey	4400027918 H.011970.5	IDIQ Contract for Professional Boundary Surveying Services – Task Order 9 – LA 182: Bayou Terrebonne Bridges, Terrebonne Parish,	\$30,452
	Survey	4400027918 H.016325.5	IDIQ Contract for Professional Boundary Surveying Services – Task Order 10 – LA 358: Creek Bridge, St. Landry & Acadia Parishes	\$13,467
	Survey	4400027918 H.010795.5	IDIQ Contract for Professional Boundary Surveying Services – Task Order 11 – LA 42: Roundabout @ Joe Sevario Road, Ascension Parish	\$27,774
	Survey	44000021975 H.016413.5	IDIQ Contract for Professional Surveying Services – Task Order 6 – I:20 Sam R. Fert Dr. to Red River Br., Caddo Parish	\$61,163
	Other (SUE)/ Survey	4400030630 H.015724.5	Kings Hwy: Healthcare & Dev. Corridor, Caddo Parish (Sub to AFJ&M, City of Shreveport, & Forte & Tablada)	\$75,495
	Other (SUE)	Parish Proj. No. 2025- 118, H.003855	Cong Relief Winfield Road, Bossier Parish (Sub to Volkert)	\$3,566
	Survey	4400031331 H.015477.5	Shreveport Pavement Program- Task Order No. 2 – LA 1 Caddo Lake Bridge, Caddo Parish	\$69,379
WSP USA, Inc.	Bridge	44-17069; H.012003, H.011995, H.010007, H.012568, H.012000	Contract for Movable Bridge Contract 2	\$13,388
	Environmental	44-27470; H.003931	LWI Region 3 Design Storm Modeling and Consequence Assessment, Calcasieu River Bridge	\$1,190,813
	Bridge	46-097.2794; H.008069.5	Peters Road Bridge & Extension Toll Study - Phase 3	\$ 87,764
McKim & Creed, Inc.	None	None	No Current Workload	N/A

20. Certifications/Licenses:



Certificate of Completion

presented to

Rebecca LaPorte

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2

Felix J. Colina
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Brummett
Authorized instructor



Certificate of Completion

presented to

Rebecca LaPorte

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Felix J. Colina
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Brummett
Authorized instructor



Certificate of Completion

presented to

Rebecca LaPorte Murray

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana

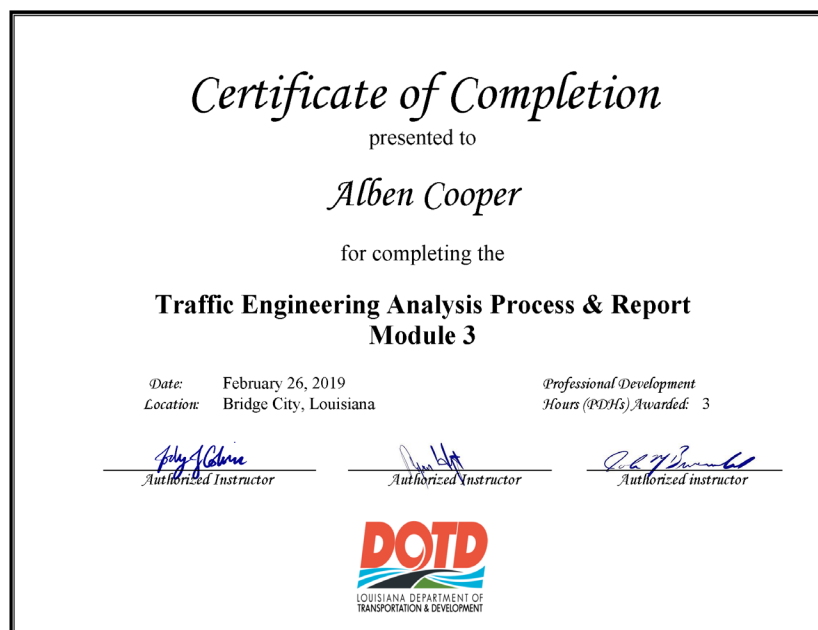
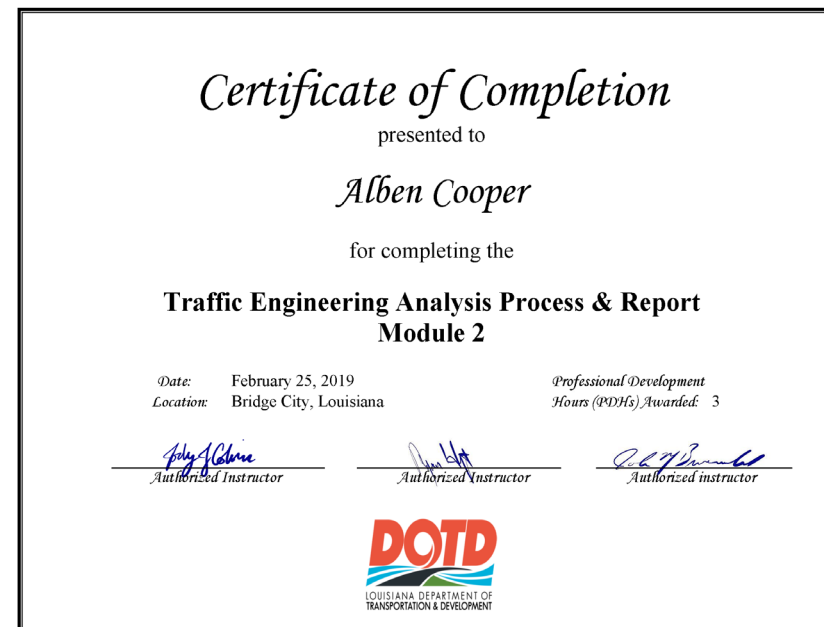
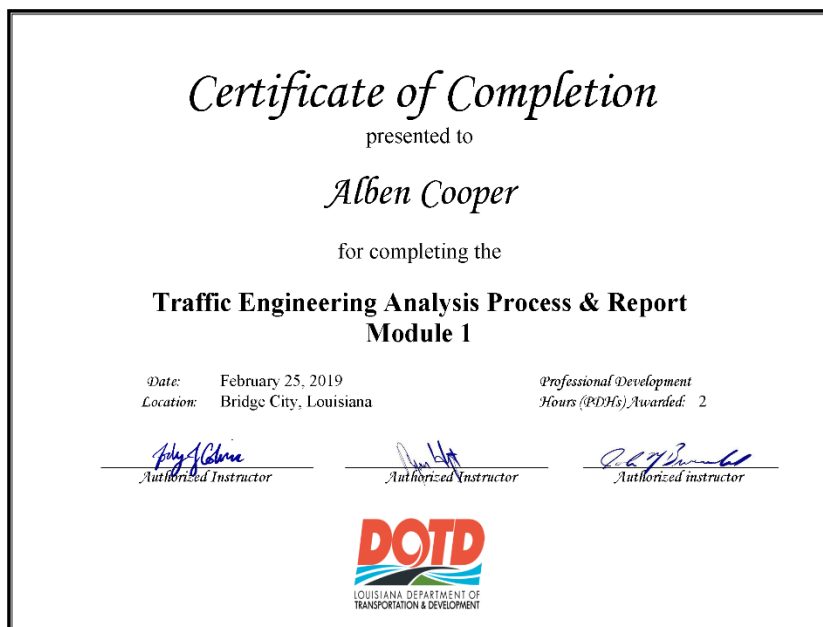
Professional Development
Hours (PDHs) Awarded: 3

Felix J. Colina
Authorized Instructor

Don Holt
Authorized Instructor

Robert J. Brummett
Authorized instructor





Congratulations!

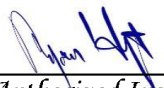
Kofi Ampofo-Twumasi

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



Congratulations!

Michael Trueblood

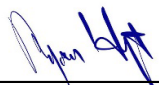
You have completed

Traffic Engineering Analysis Process & Report Class Modules 1, 2 & 3

Date: April 22-23, 2026
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 8.50





Authorized instructor

Certificate of Completion

presented to

Ossama E. Ramadan

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 29, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5

Poly A. Colvins
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Burmahl
Authorized instructor



Certificate of Completion

presented to

Ossama E. Ramadan

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: January 29, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

Poly A. Colvins
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Burmahl
Authorized instructor



Certificate of Completion

presented to

Ossama E. Ramadan

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: January 30, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

Poly A. Colvins
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Burmahl
Authorized instructor



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Name	Type	City	Status
TRC ENGINEERS, INC.	Business Corporation (Non-Louisiana)	LYNDHURST	Active

Previous Names

Business:

TRC ENGINEERS, INC.

Charter Number:

35865842F

Registration Date:

1/27/2005

Domicile Address

1099 WALL STREET WEST
SUITE 250B
LYNDHURST, NJ 07071

Mailing Address

21 GRIFFIN ROAD NORTH
WINDSOR, CT 06095

Principal Business Office

1407 BROADWAY
STE. 3301
NEW YORK, NY 10018

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

4545 SHERWOOD COMMON BLVD.
BUILDING 3, SUITE A
BATON ROUGE, LA 70816

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TRC Engineers, Inc.



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BATON ROUGE, LA 70816

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20. Certifications/Licenses:



The screenshot shows a web browser window displaying the Louisiana Secretary of State's website. The page header features a banner with the text "Louisiana SECRETARY OF STATE NANCY LANDRY" and the state seal. Below the banner, there is a search bar and a navigation menu. The main content area displays the details for a business filing for NTB ASSOCIATES, INC.

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Name	Type	City	Status
NTB ASSOCIATES, INC.	Business Corporation	SHREVEPORT	Active

Previous Names
NTB, INC. (Changed: 1/4/2000)

Business: NTB ASSOCIATES, INC.
Charter Number: 34216133D
Registration Date: 8/14/1986

Domicile Address
 525 LOUISIANA AVE.
 SHREVEPORT, LA 71101

Mailing Address
 525 LOUISIANA AVE.
 SHREVEPORT, LA 71101

Principal Office Address
 525 LOUISIANA AVE.
 SHREVEPORT, LA 71101

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 8/14/1986
Last Report Filed: 7/25/2025
Type: Business Corporation

Registered Agent(s)

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20. Certifications/Licenses:


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Name	Type	City	Status
MCKIM & CREED, INC.	Business Corporation (Non-Louisiana)	RALEIGH	Active

Previous Names

MCKIM & CREED, P.A. PROFESSIONAL CORPORATION (Changed: 12/12/2011)

Business:

MCKIM & CREED, INC.

Charter Number:

36791963F

Registration Date:

7/8/2008

Domicile Address

4300 EDWARD'S MILL RD.
SUITE 200
RALEIGH, NC 27612

Mailing Address

4300 EDWARD'S MILL RD.
SUITE 200
RALEIGH, NC 27612

Principal Business Office

4300 EDWARD'S MILL RD.
SUITE 200
RALEIGH, NC 27612

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

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TRC Engineers, Inc.

Page 96 of 99

21. QA/QC Plan:

Not Required

22. Sub-consultant information:

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS: including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number
GRESHAM SMITH	10000 Perkins Rowe, South Tower Suite G520 Baton Rouge, LA 70810	Herbert "Bert" Moore, II, P.E., PLS, PTOE bert.moore@greshamsmith.com	(225) 282-2101
WSP USA INC.	1100 Poydras Street, Suite 1175 New Orleans, LA 70163	Max Nassar, Senior Vice President Senior Managing Director (LA, MS, AL) max.nassar@wsp.com	(225) 218-3584
NTB ASSOCIATES, INC.	525 Louisiana Ave. Shreveport, LA 71101	Michael J. King mking@ntbainc.com	(225) 751-4002
MCKIM & CREED, INC.	10621 North Oak Hills Parkway Building A Baton Rouge, LA 70810	Dustin Mayard, PE dmayard@mckimcreed.com	(225) 287-6697

23. Location:

N/A