



DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

**IDIQ CONTRACTS FOR ENGINEERING AND TECHNICAL SUPPORT
SERVICES FOR CRITICAL PROJECTS STATEWIDE**

Contract Nos. 4400035363, 4400035364, 4400035365, 4400035366, 4400035367

Submitted to: LADOTD

Submitted by: HNTB Corporation

Due Date: June 16, 2026

June 16, 2026



Louisiana Department of Transportation and Development (LADOTD)
Attn: Consultant Contract Services Administrator
1201 Capitol Access Road, Room 405-E
Baton Rouge, Louisiana 70802-4438

**RE: IDIQ Contracts for Engineering and Technical Support Services for Critical Projects Statewide
Contract Nos. 4400035363, 4400035364, 4400035365, 4400035366, and 4400035367**

Dear members of the selection panel:

HNTB Corporation (HNTB) is prepared to help LADOTD deliver critical projects quickly and efficiently under this IDIQ contract. Our team is structured to support multi-disciplinary services, high task order volume, accelerated schedules, and the coordination required to keep multiple assignments moving at once. We have built the team below to give LADOTD the capacity to respond quickly while maintaining continuity across a growing workload:

- | | | |
|------------------------------|------------------------------------|-----------------------|
| » Ardaman & Associates, Inc. | » Emergent Method, LLC | » Neel-Schaffer, Inc. |
| » Coastal Environments, Inc. | » Forte and Tablada, Inc. | » T. Baker Smith, LLC |
| » Elos Environmental, LLC | » KGC Environmental Services, Inc. | |

The HNTB team brings three key benefits to your program:

Capacity to Deliver Multiple Task Orders Concurrently

HNTB has assembled a team with the discipline depth, technical breadth, and established working relationships needed to deliver multiple active task orders concurrently. Our team is organized to manage parallel assignments across bridge, roadway, traffic, environmental, geotech, survey, and program support disciplines without creating gaps in coordination or slowing delivery. We offer a perfect blend of local staff you already know and trust, in combination with national experts in their respective fields. We will respond to any infrastructure-related needs you might have. We selected each teaming partner based on their ability to support this delivery model. These firms understand accelerated schedules, coordinated task order execution, and the need to scale quickly as LADOTD's workload shifts. We strategically partnered with firms who already hold LADOTD retainer contracts and understand LADOTD's policies and procedures. Our subconsultants strengthen this team with targeted experience over the past 15 years, including Neel-Schaffer, Inc. who has supported 19 LADOTD retainers across traffic, roadway, and environmental services; T. Baker Smith, LLC who has completed more than 40 survey, SUE, and roadway-related task orders; Ardaman & Associates, Inc. who has delivered over 200 LADOTD projects; and Forte and Tablada, Inc. who has performed on more than 70 survey task orders during that same period. The result is a team who can deliver your most critical projects efficiently, quickly, and without significant oversight.

In-House Depth that Expands Capacity and Reduces Bottlenecks

HNTB is a premier design engineering firm with a proven track record delivering more than 150 task orders for LADOTD in the last 15 years, giving us a strong understanding of the department's processes, pace, and coordination needs. Our deep in-house bench across key disciplines reduces bottlenecks, expands capacity, and allows us to quickly respond as workloads shift, with support from national practice leaders and technical experts when complexity increases. Together, this integrated team provides LADOTD with responsive, local support backed by the full strength and resources of HNTB's national bench.

Unparalleled Knowledge of Alternative Delivery with LADOTD

HNTB has provided alternative delivery services to LADOTD for over 10 years. With more than 20 task orders over that time, our LADOTD support activities include design-build (DB) and public-private partnerships (P3) procurement support, development of construction manager at risk (CMAR) policy and procedure, toll feasibility and corridor analysis, grant applications and passenger rail feasibility support.

HNTB is ready to continue supporting LADOTD as a responsive, trusted partner in delivering critical projects statewide. If you have any questions regarding this submittal, please contact me at (225) 715-3860.

Respectfully submitted,

HNTB Corporation

A handwritten signature in blue ink, appearing to read "Dusty Bastion".

Dusty Bastion, PE
Project Manager/Principal-in-Charge (PIC)

The background image shows a long, multi-span steel truss bridge crossing a wide river or bay. The bridge's structure is composed of numerous steel beams and girders, supported by several large concrete piers. The water is a deep blue, and the sky is a lighter blue with some light clouds. The entire image is overlaid with a semi-transparent blue and yellow geometric design consisting of large triangles and trapezoids. A white horizontal banner is positioned across the middle of the image, containing the text.

Sections 1-11: Required Forms

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Contract Nos. 4400035363, 4400035364,
4400035365, 4400035366, and 4400035367

IDIQ CONTRACTS FOR ENGINEERING AND TECHNICAL SUPPORT SERVICES FOR CRITICAL PROJECTS STATEWIDE

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

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

1. Contract name as shown in the advertisement	IDIQ Contracts for Engineering and Technical Support Services for Critical Projects Statewide
2. Contract number(s) as shown in the advertisement	4400035363, 4400035364, 4400035365, 4400035366, 4400035367
3. State project number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match exactly 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)	HNTB Corporation
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0001775
6. Prime consultant mailing address	450 Laurel Street, Suite 1200, Baton Rouge, Louisiana 70801
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	450 Laurel Street, Suite 1200, Baton Rouge, Louisiana 70801
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Todd Dustin "Dusty" Bastion, PE - Project Director, Vice President Phone: (225) 368-2810 / Email: dbastion@HNTB.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Todd Dustin "Dusty" Bastion, PE - Project Director, Vice President Phone: (225) 368-2810 / Email: dbastion@HNTB.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

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.

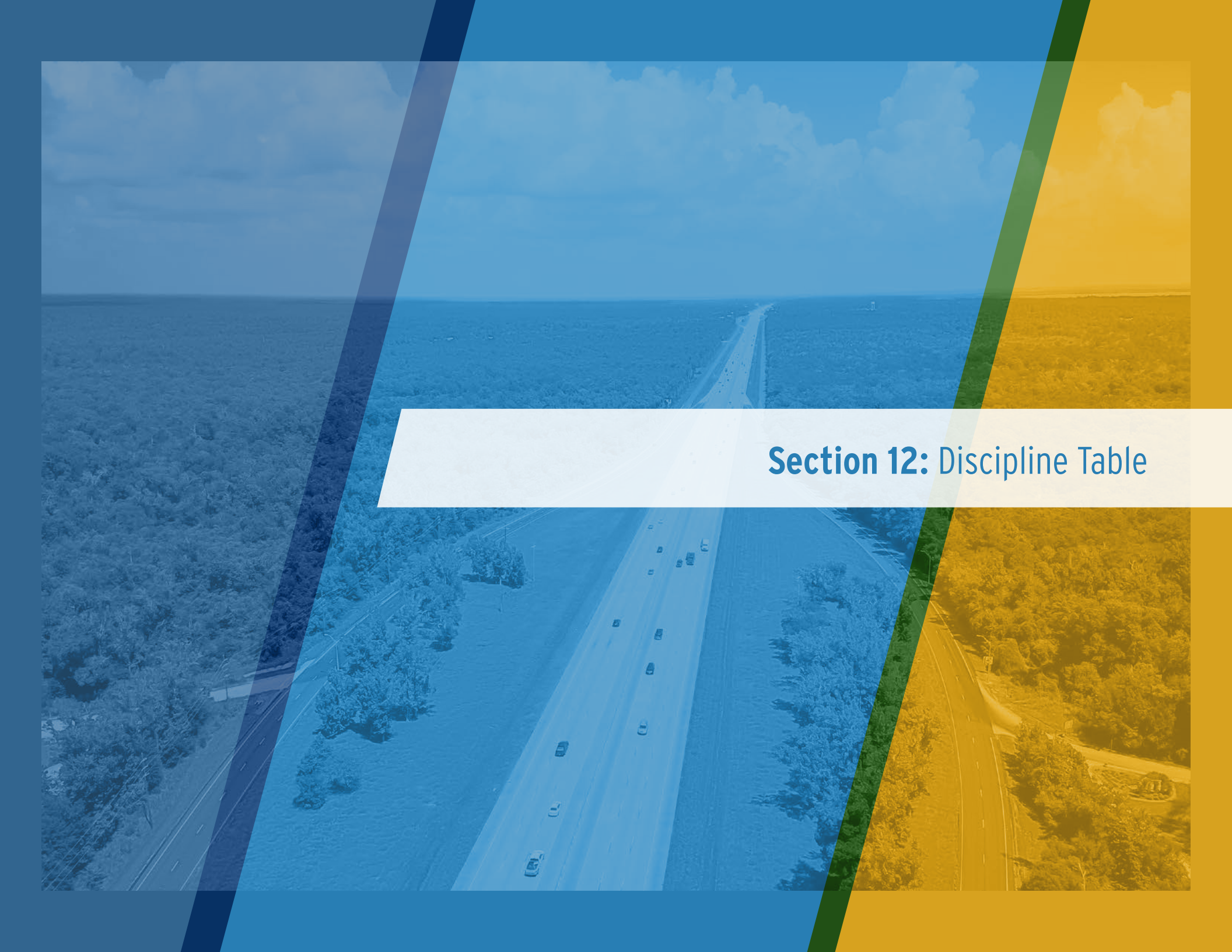


Signature above shall be the same person listed in Section 9.

June 16, 2026

Date

Firm(s):	Firm(s) %:
N/A	N/A
Total:	N/A



Section 12: Discipline Table

12. Discipline Table											
Discipline(s)	% of Overall Contract	HNTB Corporation (Prime)	Ardaman & Associates, Inc.	Coastal Environments, Inc.	Elos Environmental, LLC	Emergent Method, LLC	Forte and Tablada, Inc.	KGC Environmental Services, Inc.	Neel-Schaffer, Inc.	T. Baker Smith, LLC	Each Discipline must total to 100%
Road	27%	20%	0%	0%	0%	0%	0%	0%	70%	10%	100%
Bridge	32%	95%	0%	0%	0%	0%	5%	0%	0%	0%	100%
Traffic	5%	10%	0%	0%	0%	0%	0%	0%	90%	0%	100%
Geotech	5%	30%	70%	0%	0%	0%	0%	0%	0%	0%	100%
Survey	8%	0%	0%	0%	0%	0%	75%	0%	0%	25%	100%
Environmental	3%	30%	0%	15%	20%	0%	0%	5%	30%	0%	100%
ITS	1%	0%	0%	0%	0%	0%	0%	0%	100%	0%	100%
CE&I/OV	10%	90%	0%	0%	0%	0%	0%	0%	10%	0%	100%
Other (Alternative Delivery)	3%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Other (Tolling)	2%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Other (SUE)	2%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
Other (Public Relations and Communication Advisory Services)	2%	50%	0%	0%	0%	50%	0%	0%	0%	0%	100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.											
Percent of Contract	100%	53.7%	3.5%	0.45%	0.6%	1.0%	7.6%	0.15%	26.3%	6.7%	100%

An aerial photograph of a multi-lane highway interchange with several vehicles, including cars and a semi-truck. The image is overlaid with a blue gradient on the left and a yellow gradient on the right, separated by a diagonal line. A white banner is positioned across the middle of the image.

Section 13: Team Size

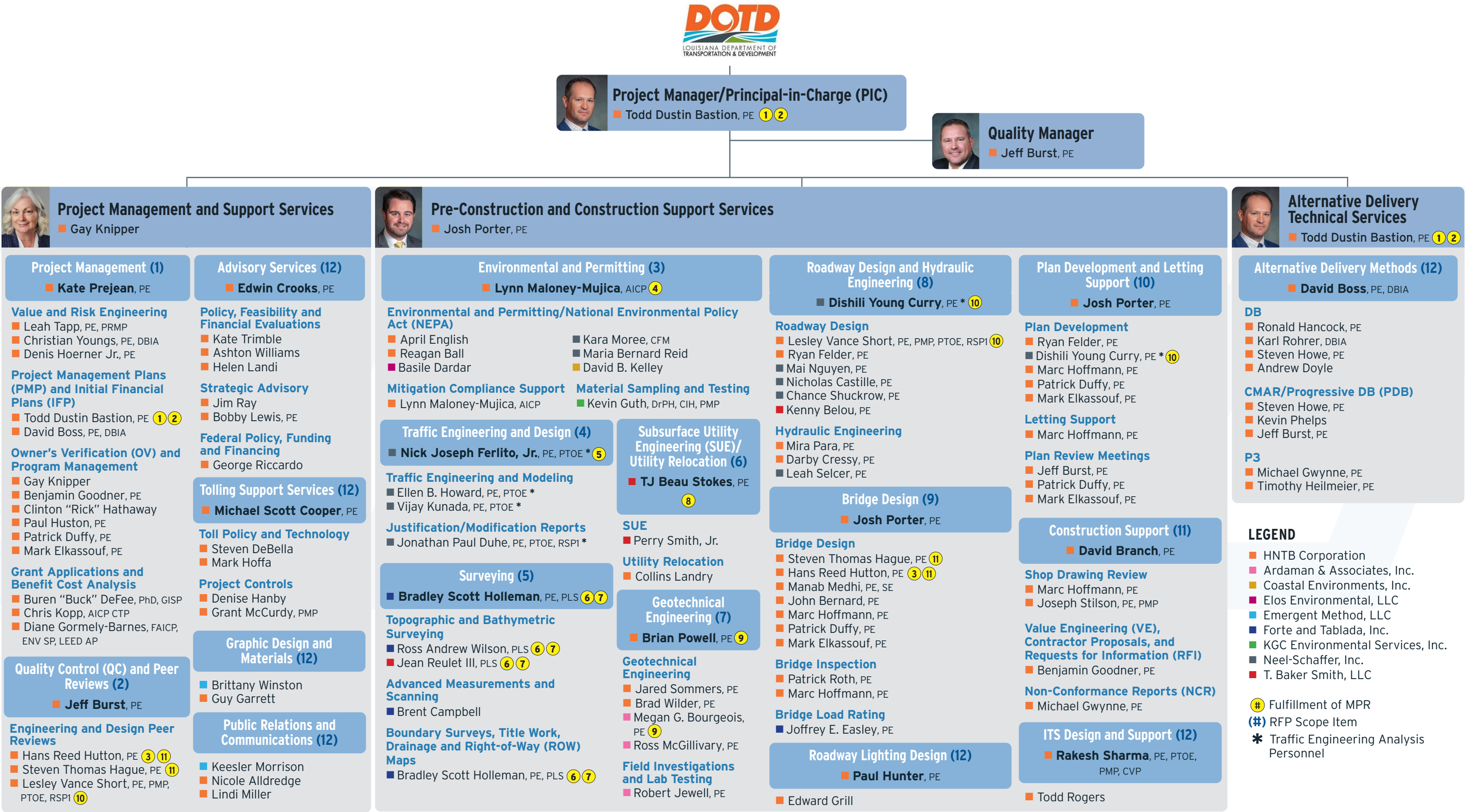
13. Team Size			
Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
HNTB Corporation (Prime)	Accountant	2	15
	CADD Technician	2	24
	Clerical	2	16
	Engineer	11	11
	Engineer Intern	4	45
	Engineer - Other	3	67
	Environmental Manager	1	3
	Planner	1	12
	Principal	1	5
	Senior Technician	4	16
	Supervisor - Engineer	11	11
	Supervisor - Other	8	71
Ardaman & Associates, Inc.	Administrative	1	1
	CADD Technician	2	2
	Clerical	1	2
	Engineer	1	6
	Engineer Intern	3	6
	Principal	2	3
	Senior Technician	8	9
	Supervisor - Eng	3	3
	Supervisor - Other	3	4
	Technician	11	15
Coastal Environments, Inc.	Archaeologist	1	1
Elos Environmental, LLC	Environmental Manager	2	5
	Environmental Pro	3	10
	Inspector	1	1
	Archaeologist	1	2

13. Team Size			
Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Emergent Method, LLC	Other (Graphic Design)	1	1
	Other (Communications)	1	1
Forte and Tablada, Inc.	Principal	1	2
	Supervisor - Eng	1	2
	Engineer	1	1
	Inspector - Bridge	1	2
	Surveyor	3	5
	Supervisor - Other	1	1
KGC Environmental Services, Inc.	Principal	1	1
	Senior Technician	4	4
Neel-Schaffer, Inc.	Principal	2	2
	Supervisor - Eng	1	6
	Engineer	5	25
	Enviornmental Pro	1	4
T. Baker Smith, LLC	Supervisor - Eng	2	4
	Engineer	4	8
	Surveyor	3	3
	Senior Technician	1	4
	Technician	1	2
	CADD Technician	1	2

An aerial photograph of a multi-lane highway, likely a freeway, with several vehicles visible. The image is overlaid with a blue gradient on the left and a yellow gradient on the right, separated by a diagonal line. A white rectangular box is positioned in the center-right of the image, containing the section title.

Section 14: Organizational Chart

14. Organizational Chart





Section 15: Minimum Personnel Requirements

15. Minimum Personnel Requirements (MPR)					
MPR No.	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 MRP / certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Todd Dustin Bastion, PE	HNTB Corporation	PE #36719 - Civil	LA	03-31-2028
2	Todd Dustin Bastion, PE	HNTB Corporation	PE #36719 - Civil	LA	03-31-2028
3	Hans Reed Hutton, PE	HNTB Corporation	PE #38204 - Civil and Structural	LA	03-31-2028
4	Lynn Maloney-Mujica, AICP	HNTB Corporation	Lynn's resume presents more than five years of experience in tasks with primary responsibility for authoring NEPA documents.		
5	Nick Joseph Ferlito, PE, PTOE	Neel-Shaffer, Inc.	PE #28001 - Civil	LA	09-30-2027
6	Ross Andrew Wilson, PLS	Forte and Tablada, Inc.	PLS #5148	LA	03-31-2028
6	Bradley Scott Holleman, PE, PLS	Forte and Tablada, Inc.	PE #47165 - Civil PLS #5082	LA	03-31-2027 09-30-2026
6	Jean Reulet III, PLS	T. Baker Smith, LLC	PLS #5145	LA	03-31-2028
7	Ross Andrew Wilson, PLS	Forte and Tablada, Inc.	PLS #5148	LA	03-31-2028
7	Bradley Scott Holleman, PE, PLS	Forte and Tablada, Inc.	PE #47165 - Civil PLS #5082	LA	03-31-2027 09-30-2026
7	Jean Reulet III, PLS	T. Baker Smith, LLC	PLS #5145	LA	03-31-2028
8	TJ Beau Stokes, PE	T. Baker Smith, LLC	PE #40079 - Industrial	LA	03-31-2028
9	Brian L. Powell, PE	HNTB Corporation	PE #41551 - Civil	LA	09-30-2027
9	Megan G. Bourgeois, PE	Ardaman & Associates, Inc.	PE #36725 - Civil	LA	03-31-2028
10	Lesley Vance Short, PE, PTOE, RSP1	HNTB Corporation	PE #26026 - Civil	LA	03-31-2028
10	Dishili Young Curry, PE	Neel-Shaffer, Inc.	PE #33723 - Civil	LA	09-30-2026
11	Steven Thomas Hague, PE	HNTB Corporation	PE #28414 - Civil and Structural	LA	09-30-2027
11	Hans Reed Hutton, PE	HNTB Corporation	PE #38204 - Civil and Structural	LA	03-31-2028

An aerial photograph of a city and a river. In the foreground, two large cargo ships are visible on the water. In the background, a city skyline is visible across the river, with a bridge spanning the water. The image is overlaid with a blue and yellow geometric design.

Section 16: Staff Experience

16. Staff Experience

Firm employed by: **HNTB**

Name	Todd Dustin "Dusty" Bastion, PE		Years of relevant experience with this employer	12
Title	Project Director, Vice President		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2007 / Civil Engineering		
Active registration number / state / expiration date		PE: #36719 / LA / 03-31-2028		
Year registered	2011		Discipline	Civil
Contract role(s) / brief description of responsibilities		Project Manager/PIC; Alternative Delivery Technical Services Group Director; PMP and IFP MPR ① ②		
Dusty has 19 years of experience that consists of management experience in various types of design and alternative delivery projects. He has participated in development of procurement documents for P3 and DB projects, ranging from bridge replacements on state highways to interstate interchange replacements. Dusty's work includes development of technical procurement documents, construction cost estimates, construction duration schedules and other procurement support activities. He has written performance specifications and technical provisions for various engineering disciplines, and has led owner verification design reviews. His management experience includes plans, specifications, and estimates (PS&E) development, cost estimating, QC review, construction engineering services, detailing, analysis, inspection and load rating of bridge structures on projects of various complexities, ranging from multi-level interchanges to off-system bridge replacements. His responsibilities have included coordination of structural, roadway, traffic, electrical and mechanical engineering disciplines.				
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).			
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. PIC for this P3 project that will reconstruct the bridge and interstate mainline within the project limits, and reconfigure LA 378 (Sampson Street) from I-10 to Sulphur Avenue. Leads the delivery of comprehensive P3 services, including contract administration, design support, and LADOTD liaison coordination with internal and external stakeholders, as well as dispute resolution and construction support for project oversight, acceptance, and closeout.			
12/24-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Project manager/PIC for this task order based IDIQ contract focused on critical project support services. Directly involved with design projects supporting early works activities interfacing with the I-10 Calcasieu P3 project, owner's representative support services involving off-system bridge bundles being replaced by the Office of Louisiana Highway Construction (OLHC), and an urgent schedule movable bridge replacement over the past two years. Future assignments include oversight of multiple bridge replacements on accelerated schedules including roadway, bridge, geotechnical, hydraulics, environmental permitting, and topographic survey. Working closely with LADOTD and internal HNTB personnel to ensure the on-time submittal of all deliverables due to the critical nature of these assignments.			
04/20-Ongoing	LADOTD, IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services, Statewide, Louisiana. Project manager for this task order based contract focused on innovative procurement and alternative delivery support services. Directly managed the contracting and execution of 12 task orders spanning across P3 procurement, DB procurement, advisory services, grant applications, and early works projects to facilitate larger P3 project over the past six years. Led P3 procurement for I-12 Managed Lanes project; led DB procurement for Jimmie Davis Bridge Replacement; managed grant applications for bridge replacements in Ruston and the Baton Rouge-New Orleans passenger rail; and managed early works projects for I-10 Calcasieu including bridge inspection, rehabilitation, railroad spur relocations, and facilitating pipe rack relocations to ensure the larger P3 can be constructed without delay. Worked with LADOTD and HNTB personnel to ensure on-time delivery of all deliverables due to the critical nature of these assignments.			



Dusty Bastion, PE

02/22-Ongoing	LADOTD, I-10 Calcasieu River Bridge Replacement Early Works Package, Calcasieu Parish, Louisiana. Initial project manager for the substructure modifications and existing bridge repairs. Several obstacles needed to be overcome to allow for the replacement bridge to be constructed within the proposed limits set out by the P3 procurement and the environmental documents. To allow for the new railroad alignment, modifications were required to the substructure of the existing bridge. A complex system involving temporarily supporting the structure and transferring the load to the new structure was designed. Complex finite element analysis (FEA) was required to design the straddles and jacking connection. Repair plans were developed based on the agreed to repairs from the inspection performed. The scope of the repairs included those necessary to extend the life of the structure for the duration of the replacement schedule and to minimize the maintenance required on the existing structure until it can be retired from service.
10/12-Ongoing	LADOTD, LA 1 Phase 2, Golden Meadow to Port Fourchon, Louisiana. Project manager for this bridge project to connect at-grade LA 3235 to the existing Phase 1 structure. Duties included coordination with LADOTD personnel, management of all project personnel and tracking interdisciplinary coordination. Other duties include oversight of permit and utility coordination, electrical/lighting design, ITS design, tolling system design, and plan development. This multi-faceted project includes a phased design and construction approach, a tolling facility, levee crossing, a flood wall, pipeline crossings, unique accelerated bridge construction methods and environmental regulations. Final plans were delivered in late 2021 and the project is currently under construction. Currently managing all construction support services and will also provide management of PDA monitoring staff once pile driving work begins.
05/21-Ongoing	LADOTD, IDIQ Contract for Tolling Support, Statewide, Louisiana. Project manager/PIC for this task order based IDIQ contract focused on tolling support services. Managed the contracting and execution of 11 task orders spanning across toll operations support, toll implementation support, toll stakeholder outreach, systems engineering analysis (SEA) reporting and inspection of structures which contain toll facilities over the past five years. Coordinated the continued toll operations support of the existing LA 1 toll facility while also managing the implementation of new toll facilities at LA 1 and Belle Chasse which are a part of the Belle Chasse P3 project. Participated in stakeholder outreach related to LA 1 toll users, participated in the development of an SEA report focused in placement of speed monitoring cameras along the I-10 Atchafalaya Basin, and oversaw annual structural inspections of the LA 1 Phase 1 structure.
08/19-Ongoing	LADOTD, I-10/Loyola Interchange DB OV, Jefferson Parish, Louisiana. Technical advisor who reviewed assignments for this project. Responsible for technical review assignments based on each submittal, ensuring comments are compiled in Form DRs and returned within a reasonable timeframe. Responsibilities include managing review RFIs, design calculations, design criteria, and plan submittals. Adherence to the performance-based specifications and constructability of DB's progress submittals is verified for this critical interchange connecting I-10 and Loyola Avenue through the local urban communities, downtown New Orleans, and to Louis Armstrong New Orleans International Airport (LNOIA). Developed the Federal Highway Administration (FHWA) mandated financial plan for LADOTD.
08/15-04/22	LADOTD, IDIQ Contract of Bridge Preservation, Statewide, Louisiana. Project manager for this task-order-based IDIQ contract focused on bridge preservation. Over the five-year contract, he has directly managed the contracting and execution of more than 20 task orders. Task orders have consisted of interstate median barrier design and detailing (I-20 in Bossier and I-110 in Baton Rouge), bridge replacements using phased construction (LA 1 over Caddo Lake in Mooringsport) and girder replacements/repairs due to overheight vehicle impacts (Orange Street over I-20 in Monroe, LA 3250 over I-49 in Alexandria, I-12 over LA 1032 in Denham Springs). Provided oversight of production staff, including plan development guidance, sequence of construction input, construction support, internal coordination and coordination with LADOTD personnel. Due to time-sensitive needs, many projects required accelerated project delivery.
08/15-04/22	LADOTD, LA 23 Belle Chasse Bridge and Tunnel Replacement P3, Belle Chasse, Louisiana. Technical procurement team lead on this alternative delivery bridge and tunnel replacement project. This P3 project, which is the first of its kind in Louisiana, will replace two obsolete highway facilities with one new fixed span bridge. Responsibilities included development of technical procurement documents, response to developer questions, attendance in confidential meetings with contractors, utility and stakeholder involvement, proposal evaluation participation, and very close coordination with LADOTD leadership to ensure this project is a leading example of what alternative delivery can do for the State of Louisiana. A developer was selected in mid-2019 and construction was finished in 2022.

16. Staff Experience

Firm employed by: **HNTB**

Name	Jeff Burst, PE	Years of relevant experience with this employer	9
Title	Senior Project/Program Manager, Associate Vice President	Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization	BS / 1993 / Civil Engineering		
Active registration number / state / expiration date	PE: #27644 / LA / 03-31-2027		
Year registered	1998	Discipline	Civil
Contract role(s) / brief description of responsibilities	Quality Manager; QC and Peer Reviews Task Lead; Plan Review Meetings; Alternative Delivery Technical Services (CMAR/PDB)		
Jeff has 38 years of experience in designing, managing and delivering complex transportation projects and programs. He is experienced in leading alternative delivery processes that include DB, CMAR and P3s. Jeff was one of the DB Institute of America's (DBIA) 2015 Leadership Award recipients for his promotion and advocacy of national DB principles.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/24-Ongoing	Tennessee Department of Transportation (TDOT), Capital Improvement Program (CIP), Statewide, Tennessee. Program assistant quality manager responsible for ensuring all standards of the quality process are met for each deliverable that is submitted under this \$12 billion program. Develop and track client deliverable matrices, assist deliverable managers in navigating the quality review processes and document all quality reviews in the appropriate repository.		
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Project quality manager responsible for ensuring all standards of the quality process are met for each deliverable that is submitted under this program. Develop and track client deliverable matrices, assist deliverable managers in navigating the quality review processes, and document all quality reviews in the repository.		
07/17-03/26	Ascension Parish, Move Ascension Project Management Consultant (PMC), Baton Rouge, Louisiana. Program manager for the \$100 million Move Ascension PMC. This contract consists of administration, planning, control, design oversight, environmental permitting, ROW acquisition, utility relocation, construction, inspection, grants management (RAISE, BUILD, EV, etc.), and public outreach for CIPs under this unprecedented and bonded transportation investment in the Parish's infrastructure.		
03/17-10/17	Georgia Department of Transportation (GDOT), Major Mobility Investment Program (MMIP) Strategic Program PMC, Atlanta, Georgia. DB subject matter expert (SME) for this assignment for the Office of Innovative Delivery Program. The MMIP, including DB and P3, is valued at over \$11 billion. HNTB developed the building blocks for clear communication, defined expectations and accountability of quality, scope, schedule and budget, established roles and responsibilities, streamlined processes, and accelerated the program.		
01/17-07/17	Arkansas Department of Transportation (ARDOT), Connecting Arkansas Program (CAP) PMC, Statewide, Arkansas. DB SME for this PMC assignment, where HNTB was a major partner serving ARDOT. The team provided program management services for the \$1.8 billion, 10-year transportation improvement program. The CAP included more than 30 projects in 19 corridors around the state, varying in size from \$10 million to over \$425 million. The program was funded by a voter approved 10 year, 0.5% sales tax increase.		
01/15-04/16	LADOTD, CMAR Program, Statewide, Louisiana. LADOTD program manager for the state's CMAR program after CMAR was legislatively-enabled in Louisiana in 2015. Responsible for leading a team of consultant advisors in the development and implementation of the policies and procedures for the LADOTD's CMAR program.		





16. Staff Experience

Firm employed by: **HNTB**

Name	Gay Knipper		Years of relevant experience with this employer	9
Title	Complex Projects Practice Leader, Executive Project Manager, Senior Vice President		Years of relevant experience with other employer(s)	34
Degree(s) / Years / Specialization		MBA / 2001 / Business Administration BA / 1981 / Mathematics		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Project Management and Support Services Group Director; OV and Program Management		
Gay has been responsible for all aspects of strategy, management, administration and financial control on several multi-billion dollar, multi-site DB, design, construction and program management projects, including program management for Bay Area Rapid Transit (BART), Washington Metropolitan Area Transit Authority (WMATA), GDOT's MMIP, California High-Speed Rail Program, and LADOTD Transportation Infrastructure Model for Economic Development (TIMED) program management assignment. She is a national resource and provides firmwide leadership and guidance in complex projects integrating strategic advising with project management for large-scale projects. Gay's experience encompasses diversified complex project management, funding and financial strategies, compliance and control activities, and implementation strategies on multi-disciplinary projects. These experiences require Gay to coordinate among agencies and communities, strategically plan, provide risk management, determine complex commercial structures, provide procurement and contracting mechanisms; coordinate funding and financing elements, program and project controls, construct schedules and budgets; manage environmental, design, and construction; handle QC training programs; integrate diversity, equity and inclusion policies.				
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).			
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. OV project manager for this P3 project that will reconstruct the Calcasieu River Bridge and the interstate mainline within the P3 project limits, and reconfigure segment of LA 378 (Sampson Street) from I-10 to Sulphur Avenue. Leads the OV team to provide support to the LADOTD in managing the P3 contract. Leads the team's efforts to provide contract administration, design support services, LADOTD liaison services both internal and with external stakeholders, partnering, and dispute resolution. The team will provide construction support services with respect to project oversight and acceptance and project closeout.			
12/23-Ongoing	TDOT, Alternative Delivery General Engineering Consultant (GEC), Statewide, Tennessee. Program director who leads the team in supporting TDOT with project management for its first P3 project – all phases and elements from planning, development and procurement support necessary for the implementation of P3 delivery of Choice Lanes for Tennessee. Leads the HNTB team to support TDOT to develop and release its first fiscally constrained 10-year project plan in December 2023. The legislature passed the landmark Transportation Modernization Act in April 2023. The law allows TDOT to enter into P3s to deliver Choice Lanes and expand alternative delivery capabilities.			



Gay Knipper

09/20-06/25	San Diego Association of Governments (SANDAG), P3 Central Mobility Hub and Connections (CMH) P3, San Diego, California. Program manager responsible for HNTB's strategic advisory expertise into the holistic delivery of a full suite of program management to serve the needs of the program throughout its life cycle – from the support of the P3 procurement elements, innovative delivery options analysis, innovative financing options analysis, commercial structuring, assistance with real estate market analysis, evaluating project feasibility, program and project controls, consultant coordination, and technical support. In this role, HNTB will oversee a range of other consultants and contractors providing planning, environmental, engineering and construction services. The CMH program is one of SANDAG's most complex and strategic innovative delivery initiatives. The project concept for the program includes a state of the art transportation center including connections to various transportation modes and future transport options, an airport connector from the Central Mobility Hub to San Diego Airport, and potentially a commercial development at the location of the CMH.
05/17-07/19	GDOT, MMIP Strategic Program PMC, Atlanta, Georgia. Stand-up officer whose primary responsibility is the development and delivery of the Strategic Program for the MMIP, the DB program and P3 program of projects valued at over \$11 billion. As the foundation for a high-performing team, Strategic Program is the tool to communicate the building blocks for clear communication, defined expectations and accountability of quality, scope, schedule, and budget, establishing roles and responsibilities, streamlining processes and ultimately accelerating the program.
06/02-06/13	LADOTD, TIMED Program Management, Statewide, Louisiana. Program director responsible for all aspects of managing and delivering the \$5 billion TIMED program, accelerating delivery by over 20 years through bond financing. The program included two Mississippi River Bridge Crossings. John James Audubon Bridge (JJA) was the longest cable-stayed bridge in the US when built, and Huey P. Long Bridge Widening was a \$1.2 billion widening of the existing bridge constructed in 1935. In addition, JJA procurement was the first DB project for LADOTD. Supported the procurement from policy through selection through project completion. The Huey P. Long Bridge is owned by the New Orleans Public Belt Railroad. The widening included improved approaches that required additional ROW acquisition and coordination with third parties. Responsible for the financial management of the entire program and for management of a range of services including design management, ROW acquisition and relocation, utility relocation and construction engineering and inspection on projects. The financial management included preparation of an annual feasibility report that evaluated the main factors that influenced feasibility, such as updated cost estimates, interest expense, revenues and state fiscal policy, developed a financial management system and reporting to provide confidence to the leadership, industry and markets on LADOTD delivery certainty. Provided a robust communications strategy and communications and public outreach support through continuous interaction with stakeholders throughout the life cycle of delivery (planning, design, construction and turnover, development of geographic information systems (GIS) and graphical interface tools, multi-dimensional scheduling tools and reporting transparency) with reports developed to suit the respective consumer. Provided additional innovation to expedite environmental permitting through proactive engagement with the permitting agencies, accelerated ROW acquisition through coordination across functional disciplines and communities, regular technical innovation sessions to drive value and reduce costs. Responsible for the Program Strategy Manual, alignment of LADOTD, PMC, designers and contractors and implementation of performance-based fee, targeting acceleration of schedule and meeting budget goals. Responsible for maintaining and implementing the risk management model for the program. Responsible for developing and maintaining joint venture policies and procedures for all aspects of project delivery including quality assurance/quality control (QA/QC), financial and contractual management.

16. Staff Experience

Firm employed by: **HNTB**

Name	Josh Porter, PE		Years of relevant experience with this employer	10
Title	Project Manager		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		BS / 2010 / Civil Engineering		
Active registration number / state / expiration date		PE: #39513 / LA / 09-30-202 FHWA-NHI-130053 Bridge Inspection Refresher Training FHWA-NHI-130055 Safety Inspection of In-Service Bridges LADOTD LTRC Moveable Bridge Inspection Workshop		
Year registered	2015	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Pre-Construction and Construction Support Services Group Director; Bridge Design Task Lead; Plan Development and Letting Support Task Lead		
Josh has extensive experience in project management and delivery of multi-discipline LADOTD projects which include bridge design and rehabilitation, roadway and drainage work, railroad relocation, temporary traffic control, geotechnical exploration and design, and survey. He leads the development of preliminary and final plans, being the point of contact for construction related engineering services, answering contractor questions and RFIs, developing cost estimates for a wide variety of projects, participating in value engineering studies, and leading various evaluation studies. He has extensive experience in working with LADOTD in developing task orders for IDIQ contracts including Alternative Delivery, Bridge Preservation, Bridge Inspection, and Bridge Load Rating.				
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).			
02/22-Ongoing	LADOTD, I-10 Calcasieu River Bridge Replacement Early Works Package, Calcasieu Parish, Louisiana. Project manager on this multi-disciplined project to develop an early works package to facilitate the construction of the replacement of the existing I-10 bridge over the Calcasieu River. During the environmental and procurement process of the P3 for the replacement structure, several obstacles were identified that would need to be addressed that were outside of the approved scope of the P3. This included rehabilitation of the existing bridge to extend the service life of the existing structure until the replacement was complete, the relocation of a railroad spur shared by CPKC Railroad (formerly Kansas City Southern) and Union Pacific Railroad (UPRR), and the addition of a temporary structure to facilitate the relocation of an existing pipe rack. Responsible for coordinating efforts between the task leads including the structures design team, the railroad design team, the roadway design team, a drainage study and design team, a traffic study team, a survey subconsultant, a geotechnical testing subconsultant, and coordinating with the pipe-line owners.			
12/24-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Project manager for a replacement of a movable bridge for LA 324 over Bayou Teche. Leading the development of the plans for a 180-foot swing span bridge crossing. Worked with the department to develop the scope for a collaboration design with LADOTD handling the mechanical and electrical design. When needs pivoted after the executed task order, developed a new scope to accelerate the schedule and take over the mechanical and electrical design. Services include bridge structural design, bridge mechanical and electrical design, road design, architectural design, property survey and ROW maps, geotechnical exploration and design, and preliminary and final plan development.			
05/24-Ongoing	LADOTD, US 90 (GNO No. 2 Bridge Repairs), New Orleans, Louisiana. Project manager responsible for developing repair plans to address a common issue found throughout the main truss of the GNO No. 2 bridge. Plans include modifications to the detail, installation of splices to bring the capacity of the members back up to original strength, and cleaning and spot painting.			



Josh Porter, PE

02/22-Ongoing	LADOTD, LA 70 over Pierre Part Bay, Pierre Part, Louisiana. Project manager for a bridge rehabilitation study. The project involved the inspection, load rating, evaluation of a movable bridge in south central Louisiana. Managed several engineering discipline leads including structural, inspection, electrical, and mechanical.
02/22-05/23	LADOTD, Gramercy Rehabilitation, Edgard, Louisiana. Project manager for this \$50 million bridge painting and rehabilitation project of a major river crossing. Project included inspection of the bridge, bridge rehabilitation of the approach spans, of the main truss spans, painting of the steel approach spans and main truss spans. Developed the construction cost estimate and participated in the value engineering study initiated by the LADOTD.
06/17-03/20	LADOTD, LA 442 over Tangipahoa River Bridge Replacement, Tangipahoa Parish, Louisiana. Project task manager for an emergency spot bridge replacement of a bridge with scour concerns caused by the August 2016 flooding. Tasked with design checking of the superstructure and substructure, developing the construction plans, project management, and construction support services.
07/20-04/22	LADOTD, I-10 Loyola Slab Span Repairs, Kenner, Louisiana. Project manager for this bridge repair project that involved inspection, consultation with repair system vendors, FEA, plan development, cost estimating and construction support.
09/19-11/20	LADOTD, Off-System Bridge Ratings, Statewide Louisiana. Project manager and lead load rating engineer for the load rating of 53 bridges located in the northern parishes of Louisiana. The load ratings were done as a push to get all off system bridges throughout Louisiana load rated with load and resistance factor rating (LRFR). The structures varied in structure type and condition. Structure types included prestressed concrete girder, concrete slabs, prestressed piles with cap, timber piles with cap, steel girders, and reinforced concrete column bents. Bridges were rated primarily in BrR and RC Pier.
03/19-11/21	LADOTD, LA 1 Phase 2 Bridge Design, Lafourche, Louisiana. Task lead for the design and plan development of the slab span portion of the structure from grade to over the levee. This task included 81 slab spans of varying widths and geometries to accommodate the T-intersection at the beginning of the bridge. The T-intersection was laid out to accommodate the tolling system that would be required for the structure. Responsibilities included preliminary alignment and layout, superstructure design and details of the slab spans, substructure analysis and plan production, preliminary and final plan development, checking plans and design calculations, and developing quantity and cost estimates.
02/20-09/21	LADOTD, I-20 Rehabilitation (Pines Road to I-220), Bossier Parish, Louisiana. Task manager overseeing the load rating of 12 structures, including complex structures, along the I-20 corridor. The ratings were performed using BrR, RC Pier, and 3D FEA software LARSA. Structure types included curved steel structures, haunched concrete girders, and straight steel continuous girders with kinked connections to allow for the roadway curvature. The overall project was to develop median barrier replacement to coincide with the replacement of the existing pavement. Approach slabs and backwalls were replaced on several of the structures.
05/18-06/22	LADOTD, LA 15 Boeuf River Bridge, Alto, Louisiana. Project manager for an off-alignment bridge replacement along LA 15 over the Boeuf River. The bridge was designed with LG-54 girders on pile caps. The team was tasked with the preliminary and final design of the superstructure, substructure, and foundations. The team coordinated with the LADOTD district roadway group that designed the new alignment. Engineering support was provided during construction, along with PDA monitoring and assessment of results.
08/18-11/21	LADOTD, LA 532 over I-20, Minden, Louisiana. Project manager for an off-alignment bridge replacement carrying LA 532 over I-20 in Minden. The project called for the use of LG-36 girders at nearly the maximum length to span the interstate while still meeting the vertical grade and clearance requirements. Spans were supported on column bents with 60-foot drilled shaft foundations.
02/16-05/19	LADOTD, US 80 over I-20, Ouachita Parish, Louisiana. Project task manager for the demolition and replacement of a deficient bridge in northwest Louisiana crossing I-20. Led the design efforts and plan development and coordinated the traffic control plans development and accelerated bridge construction plans to allow for limited interruption of the I-20 traffic.
04/21-05/23	LADOTD, Orange Street over I-20 Repair, Monroe, Louisiana. Project manager for a bridge repair project of a steel girder bridge over I-20. The project involved structural repair plans and extensive traffic control plans. Coordinated the efforts of the traffic engineers working with the LADOTD traffic engineering group.

16. Staff Experience

Firm employed by: **HNTB**

Name	Kate Prejean, PE	Years of relevant experience with this employer	26
Title	Vice President, Project Manager	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS / 2000 / Civil Engineering		
Active registration number / state / expiration date	PE: #35036 / LA / 3-31-2028		
Year registered	2009	Discipline	Civil
Contract role(s) / brief description of responsibilities	Project Management Task Lead		

Kate has served as project manager for highway design on numerous roadway projects, for planning studies including NEPA process studies, public involvement activities, corridor studies and bicycle-pedestrian feasibility studies.

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).
07/19-Ongoing	Parish Of Baton Rouge, MOVEBR Infrastructure Program, Baton Rouge, Louisiana. Director of pre-construction for this \$1.2 billion program of projects that was separated into a list of capacity improvements and enhancements, HNTB is responsible for the \$800 million in capacity infrastructure projects on 40 roadways throughout the parish of East Baton Rouge. Responsible for ensuring delivery of the projects from conceptual development, selection of design consultants, completion of design study and final design plans, permitting, cost estimating, ROW acquisition, budget tracking, QA/QC, and coordination with city staff and other stakeholders. The activities include services provided by design consultants and specialty service consultants. Monitors and coordinates schedule activities, burn rates, invoice review and approvals among other project control activities.
05/17-04/21	LADOTD, Urban Systems Program (Martin Luther King Jr. (MLK) Boulevard), New Orleans, LA. Project engineer for the \$6.5 million roadway rehabilitation project extending on MLK from St. Charles Avenue to South Claiborne Avenue through the Central City Historic District. Responsible for supervising and reviewing the project roadway alignment and engineering final design. Tasks included horizontal geometry submittals for accuracy and compliance with LADOTD General Specifications and Standard Plans, Roadway Design Guide, LADOTD Complete Streets Policy, and City of New Orleans Complete Streets Policy and general construction practices. Coordinated with LADOTD and Parish staff for non-standard accessible ramp design and utility-related issues. Design of roadway transit pedestrian islands for transit access, permanent striping including dedicated bike lanes, and lane reduction as justified.
07/09-02/23	Lafayette Metro Expressway Commission, Lafayette Regional Xpressway, Lafayette, Louisiana. Project manager for the Tier 1 environmental impact statement (EIS) for a 30-mile toll loop around the Lafayette area. Responsible for the finalization of the draft EIS document, coordination with stakeholders and hosting public hearings. Responsible for the successful completion of the Tier 1 EIS as the project received a Finding of No Significant Impact (FONSI) which allowed it to move forward into further development. Duties will continue until project completion with the issuance of a record of decision (ROD). Managed the QC efforts on the project documentation as it went to final production. Responsible for the development of construction cost estimates and coordination among disciplines for the financial feasibility study for segments that the commission is studying.
06/23-07/25	LADOTD, Sout Street at US 190 Roundabout, St. Tammany Parish, Louisiana. Supervisor engineer for this roundabout design project. HNTB is preparing a Stage 0 Evaluation for a roundabout at US 190 and Sout Street in Mandeville. Tasks include conceptualizing the proposed roundabout, environmental inventory and engineering feasibility study, and agency coordination with LADOTD.



Kate Prejean, PE

10/08-01/24	LADOTD, I-10 Calcasieu River Bridge and Approaches EIS, Lake Charles, Louisiana. Project manager responsible for overall delivery of the project, public involvement and stakeholder coordination, drafting of project documentation, cost estimating, design decisions, schedule and cost management. This project studied the environmental impacts of widening the existing interstate and bridge over the Calcasieu River through an EIS. Continued to work on the project as a technical advisor, providing background and history of decision-making, engineering and environmental guidance after 2019. The FHWA issued a ROD in 2023. The project was initiated in 2013 (put on hold until 2016 re-start). It was delayed due to traffic and safety issues, extensive environmental justice outreach, and floodplain issues.
01/18-11/19	Mississippi Department of Transportation (MDOT), I-10 Eastbound Over I-55, Jackson, Mississippi. Engineer of record (EOR) and technical roadway lead for the final roadway approach design for a 15-span prestressed concrete beam bridge. Duties performed include project coordination with the client, coordinating with disciplines and leading the roadway technical decisions, design, and plan development. This project was executed on a condensed project development schedule and used complex design elements, such as post-tensioned cap beams and straddle bents to ensure the I-20 eastbound mainline could be replaced while minimizing traffic impacts and construction dollars. Construction of this project was completed in 2022.
05/17-04/21	LADOTD, Urban Systems Program (Marconi Drive, MLK Boulevard, Morrison Road I and II), New Orleans, Louisiana. Transportation technical reviewer for the \$20 million roadway reconstruction projects who was responsible for the development of project plans and specifications including preliminary and final design.
01/19-12/19	LADOTD, I-10 over Veterans Boulevard Fire Damage Repairs, New Orleans, Louisiana. Traffic control task lead for emergency repairs to the I-10 eastbound bridge over Veterans Boulevard following a truck fire. The project involved rapid mobilization, damage assessment, and implementation of an accelerated bridge construction (ABC) solution using precast panels to minimize traffic disruption, with all major span repairs completed over a single weekend closure. Additional barrier repairs were incorporated during a second closure, streamlining future maintenance needs for LADOTD.
01/17-01/19	MDOT, I-55 Widening Over I-220, Jackson, Mississippi. Project engineer and technical roadway lead for this design project for the complex bridge system and approaches and roadway modifications necessary. MDOT has been told by other consultants that the bridge structure could not be widened. The existing box girder structure had 9.4% cross slope and a low vertical clearance. Led the team to design a solution to widen the structure with multiple shallow steel plate girders to carry the load and meet the vertical clearances required. Construction services work included RFI reviews, shop drawing reviews, and additional contractor submittal reviews.
10/10-07/16	LADOTD, Submerged Roads Program/Paths To Progress Program, New Orleans, Louisiana. Project engineer for this \$120 million hurricane relief program. Responsible for scope and fee development for CDCs, cost estimates and financial tracking during pre-construction. Completed construction proposal bid packages utilizing the LADOTD's LaDotNet and Trnsport. HNTB worked with the LADOTD, FHWA and other stakeholders as the program manager for street repairs due to damage related to Hurricane Katrina.
01/09/01/11	City Of Biloxi, Infrastructure Repair Program, Biloxi, Mississippi. Project engineer whose responsibilities included reconciling Federal Emergency Management Agency (FEMA) project worksheets, assisting with proposed versioning of project worksheets, coordination with design engineering consultants, review of design plan phase submittals and project controls efforts. Assisted in updating project schedules and coordinating cost tracking efforts and among team members. HNTB worked with the City of Biloxi, FEMA, Mississippi Emergency Management Agency and MDOT as the program manager for infrastructure improvements to sewer, water, and drainage facilities damaged as a result of Hurricane Katrina.

16. Staff Experience

Firm employed by: **HNTB**

Name	Leah Tapp, PE, PRMP		Years of relevant experience with this employer	21
Title	National Practice Manager		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2006 / Civil Engineering		
Active registration number / state / expiration date		PE: #6201057559 / MI / 08-31-2026 PRMP: #00003 / N/A / N/A		
Year registered	2010		Discipline	Civil
Contract role(s) / brief description of responsibilities		Value and Risk Engineering		
Leah is a seasoned program delivery expert, bringing over two decades of experience on largescale, complex highway and transit projects and programs across the country. With a strong background in risk management, procurement, and program planning, she seeks to optimize project outcomes while balancing needs and risks across all parties. Leah has guided numerous project teams in successfully delivering traditional and innovative delivery methods, helping teams navigate challenges with efficiency, foresight, and thoughtfulness. Leah also serves on the Association for the Advancement of Cost Engineering (AACE) International's Decision Risk Management Professional core team.				
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).			
07/25-Ongoing	North Carolina Department of Transportation (NCDOT), I-77S Express Lanes, Raleigh, North Carolina. Advisory member providing commercial, technical, and risk management support during the procurement phase. Specific involvement includes drafting and reviewing procurement documents and leading technical commercial risk analyses, providing insight based on national best practices.			
09/22-Ongoing	GDOT, MMIP Strategic Program PMC, Atlanta, Georgia. Advisory member providing commercial and technical guidance as part of the PMC team on multiple DB and P3 projects on GDOT's MMIP. Specific involvement includes drafting and reviewing procurement documents, advising on procurement strategy, leading commercial risk analyses, and providing insight based on national best practices.			
05/25-Ongoing	TDOT/ARDOT, I-55 America's River Crossing Bridge Replacement, Memphis, Tennessee. Advisor who provided advisement and guidance on initial risk assessment process and preparation for initial cost and schedule risk assessment (CSRA). Continues to engage as needed as a risk management SME.			
08/20-09/23	Michigan DOT, Ancillary Structures, Various Locations, Michigan. Deputy program manager responsible for overseeing risk management, contract development, program delivery, and engineering services, as well as mentoring task leads and other program staff. HNTB is providing program management services in support of Michigan DOT-owned ancillary structures. The goal is to develop and maintain a new ancillary structures database framework and to develop a new asset management program for ancillary structures.			
12/22-10/23	ARDOT, Alternative Delivery Services IDIQ, Little Rock, Arkansas. Consultant for alternative delivery who responsible for building a custom project delivery selection (PDS) tool and framework for ARDOT's Alternative Project Delivery Division. The PDS tool and framework provide consistency and transparency for evaluating potential benefits of alternative delivery methods such as DB, construction manage/general contractor (CM/GC), and PDB based on the project's goals and risks.			
10/24-Ongoing	Michigan DOT, I-375 Reconstruction Owner's Representative Services, Detroit, Michigan. Advisory member providing commercial support and risk management guidance as part of the owner's representative team. Specific involvement includes review of contractor submittals for commercial impacts, supporting owner assessment of technical risk, and drafting risk allocation provisions.			





16. Staff Experience

Firm employed by: **HNTB**

Name	Christian Youngs, PE, DBIA		Years of relevant experience with this employer	1
Title	National Practice Manager		Years of relevant experience with other employer(s)	29
Degree(s) / Years / Specialization		MBA / 2012 / Business Administration BS / 1996 / Civil Engineering		
Active registration number / state / expiration date		PE: #6201050552 / MI / 07-08-2027; #062.078401 / IL / 11-30-2027 DBIA: #D-4884 / N/A / N/A		
Year registered	2003; 2024		Discipline	Civil
Contract role(s) / brief description of responsibilities		Value and Risk Engineering		
Chris is an experienced project development and infrastructure professional specializing in risk management and innovative delivery methods, including DB and CM/GC. With 30 years of transportation experience, he provides strategic advice to public owner organizations. Chris's experience at state and federal departments of transportation provides a broad perspective for client owners, and a solid foundation for identifying and implementing sound and creative project solutions. Chris brings a diverse engineering background with the Michigan DOT in the field of alternative contract delivery in addition to his work in Michigan DOT's road design, construction, railroad, utility coordination and local program units. While with the FHWA's major projects team, Chris supported multiple states including Louisiana. He conducted CSRAs, reviewed and approved PMPs and IFPs for LADOTD projects including I-10 CMAR, I-10 Calcasieu, and LA 1 Phase 2.				
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).			
07/25-Ongoing	GDOT, MMIP Strategic Program PMC (I-285 Top End Express Lanes), Atlanta, Georgia. Advisor supporting the initial NEPA phase CSRA, and facilitator for the pre-construction phase CSRA. The 22-mile mega project will add express lanes along the top half of I-285 and includes 49 bridges.			
05/25-Ongoing	TDOT/ARDOT, I-55 America's River Crossing Bridge Replacement, Memphis, Tennessee. Advisor responsible for leading the risk management process for the CM/GC project to replace the existing I-55 bridge over the Mississippi River.			
04/19-04/25	Michigan DOT, I-75 Segment 3 P3 Project, Oakland County, Michigan. FHWA major project engineer responsible for review of contract documents, claim reviews, federal compliance reviews and approval of federal major project requirements, including project management and financial plans for the \$1.4 billion I-75 Segment 3 project. The project involved reconstruction and widening of a 5.5-mile segment of I-75 from M-102 to south of M-59, consisting of complete pavement reconstruction, modernization of the freeway, ITS upgrades and replacement of 28 bridges.			
04/19-04/25	Michigan DOT, I-94 Modernization, Detroit, Michigan. FHWA major project engineer responsible for review of contract documents, claim reviews, federal compliance reviews and approval of federal major project requirements, including project management and financial plans for the \$8.1 billion I-94 modernization. The project includes freeway modernization, safety improvements, replacement of more than seventy structures, six railroad structures, enhanced local access and non-motorized connectivity along the corridor.			
09/15-09/16	ARDOT, Alternative Delivery Services IDIQ, Little Rock, Arkansas. Led development of a custom automated Excel model, policies and procedures, user guides, workshops, and training materials.			





16. Staff Experience

Firm employed by: **HNTB**

Name	Denis Hoerner Jr., PE		Years of relevant experience with this employer	1
Title	Senior Project Manager; Senior Structural Engineer		Years of relevant experience with other employer(s)	23
Degree(s) / Years / Specialization		MS / 2008 / Civil Engineering BS / 2003 / Civil Engineering		
Active registration number / state / expiration date		PE: #34303 / LA / 03-31-2027		
Year registered	2009	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Value and Risk Engineering		
Denis is a senior project manager and structural lead in HNTB's New Orleans office. He brings more than 23 years of United States Army Corps of Engineers (USACE) experience in coastal and riverine flood risk management, navigation, and drainage. His expertise spans the full project lifecycle including planning, feasibility, design, risk assessment, construction, maintenance, and rehabilitation of critical infrastructure such as pump stations, floodwalls, levees, navigation locks, drainage structures, spillways, dams, and bridges. Before joining HNTB, Denis was the lead project engineer on multiple mega-projects valued at over \$2.0 billion. His breadth of knowledge enhanced project resilience, reduced risk and increased public safety through critical infrastructure projects, such as the New Orleans Hurricane and Storm Damage Risk Reduction System (HSDRRS), Permanent Canal Closure Pumps (PCCP), and Ala Wai Flood Risk Management System. Denis gained extensive experience in risk assessment and management under the USACE Risk Management Center (RMC) as a risk cadre lead responsible for qualitative and quantitative assessment and advising senior leadership on risk-informed design decisions.				
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).			
01/23-11/23	USACE RMC, Various Projects, Various Locations, Nationwide. Facilitator and cadre lead responsible for executing risk-informed design, periodic assessments, semi-quantitative risk evaluations, and issue evaluation studies. Performed risk analysis using Monte Carlo simulations. Collaborated with hydrology and hydraulics (H&H) engineers, geotechnical engineers, geologists, economists, and local emergency personnel to define potential failure modes, assess consequences and failure likelihoods, and develop mitigation strategies. Projects under this initiative included a wide range of critical infrastructure elements such as floodwalls, levees, locks, sector gates, embankments, dams, spillways, conduits, outlet works, and powerhouses. Key projects relevant to LADOTD include the Maurepas, Mid-Barataria, and Mid-Breton Sediment Diversion Structures, the New Orleans Hurricane and Storm Damage Risk Reduction System, and the West Shore Lake Pontchartrain Hurricane System.			
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Senior technical reviewer for boat impact load determination and related structural considerations. Project consisted of an interstate bridge replacement over a navigable waterway transitioning from a shallow to deep draft condition. In accordance with LADOTD and AASHTO guidance, special considerations included complex flow conditions, multi-span impact zones, and varying vessel approach scenarios.			
07/25-Ongoing	City of Little Rock, Clinton Presidential Park Bridge Protection Pier Replacement, Little Rock, Arkansas. Senior technical reviewer for boat impact load determination, structural design and structural-geotechnical interaction. Project involved replacement of an impact-damaged bridge pier circular protective cell. Using USACE and ARDOT guidance, key considerations included soft foundation conditions, high-traffic/high-impact river navigation, ongoing scour concerns, and the implementation of an alternative delivery method (early contractor involvement).			



Denis Hoerner Jr., PE

04/26-Ongoing	LADOTD/Bossier Parish, Congestion Relief Winfield Road Extension, Bossier, Louisiana. Senior project management for the project which includes H&H modeling for six proposed bridge crossings and the preliminary plans for three bridges. Key challenges have included limited and outdated data sets, evolving alignments, and uncertain project schedules.
05/07-08/12	USACE, Causeway Overpass Complex (LPV 17.2), Metairie, Louisiana. Lead engineer and technical manager for design and construction of this segment of the Hurricane and Storm Damage Risk Reduction System for the USACE New Orleans District. This \$45 million infrastructure initiative involved the design and construction of a 1-mile, four-lane bridge integrated into a new floodwall and structurally remediated existing retaining wall system. The project also included site drainage, demolition and remediation of historic structures, and specialized electrical efforts for bridge lighting, traffic monitoring, and communication. Maintained uninterrupted traffic flow while presented with challenging soft foundation conditions, limited ROW, and utility conflicts. Responsible for coordinating key local and state stakeholders including the Southeast Louisiana Flood Protection Authority-East (SLFPA-E), the Coastal Protection and Restoration Authority (CPRA), and USACE.
11/23-11/25	USACE Inland Navigation Design Center (INDC), Various Projects, Various Locations, Nationwide. SME leading value-based risk-informed design charrettes, risk assessments, and major rehabilitation evaluation reports for critical inland navigation structures including R.S. Kerr, Webbers Falls, and T.J. O'Brien Locks and Dams. Directed the Lower Mississippi Anchorage Repair Prioritization Risk Assessment for the Mississippi Valley Division. Solved problems associated with aging infrastructure, unknown conditions, development of new risk assessment methodologies, multi-discipline management, and balancing rehabilitation priorities with navigation demands. Efforts focused on enhancing the reliability and safety of aging lock and dam systems through targeted engineering analysis and collaborative design processes ultimately leading to lock maintenance, upgrades or replacement. Acted as local structural lead for the Engineering Research and Development Center (ERDC) study on settlement-induced bending in battered piles and failure modes associated with levee-to-wall tie-ins.
05/07-12/12	USACE, Kenner West Return Floodwalls (LPV 03.2A and B), Kenner, Louisiana. Lead engineer and technical manager for design and construction of this segment of the HSDRRS for USACE New Orleans District. This \$150 million effort included 3 miles of floodwalls with vehicular gates, demolition of existing floodwalls, pump station discharge integration and airport restriction limits. Efforts at the I-10 bridge crossing required specialized steel doors for bridge girders and unique bent-to-girder tie-down systems. Used innovative engineering to address geotechnical and structural engineering challenges, including settlement-induced bending, pile fixity, and unbalanced loadings due to the soft foundation conditions. Additional constraints were imposed by overhead clearance requirements, as the site was located near an airport, necessitating strict compliance with aviation safety standards. The segment beneath the I-10 bridge presented further complications, including limited spatial allowances and exposure to wave action. Implemented specialized overhead designs and construction techniques tailored for the I-10 bridge segment, incorporating unique tie-down systems to resist wave forces to address these issues. Responsible for coordinating key local and state stakeholders including SLFPA-E, CPRA, LADOTD, and USACE.
03/12-12/22	USACE, PCCP, New Orleans, Louisiana. Lead project engineer, technical specialist, and structural reviewer, for this \$700 million DB project. Led the design and construction of three pump stations with a combined capacity of 24,300 cubic feet per second, along with gated drainage structures, on-site power generation systems, fuel systems, safe houses, and floodwalls. Coordinated with key stakeholders including SLFPA-E, CPRA, the Sewerage and Water Board of New Orleans, and USACE. Responsibilities included resolving complex engineering challenges such as policy deviations, soft foundation movement, extreme wind loads, dissimilar metals, corrosion, and non-standard construction techniques. Oversaw technical testing related to bolt applications, pile buckling, cofferdam systems, and corrosion projections. Managed critical technical concerns including H&H modeling, coordination of plans and specifications, design life assessments, pump overheating, coating failures, equipment vibration, sinkhole formation, and structural cracking.

16. Staff Experience

Firm employed by: **HNTB**

Name	David Boss, PE, DBIA	Years of relevant experience with this employer	14
Title	National Practice Consultant	Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization	BS / 1985 / Civil Engineering		
Active registration number / state / expiration date	PE: #68303 / TX / 06-30-2025		
Year registered	1991	Discipline	Civil
Contract role(s) / brief description of responsibilities	Alternative Delivery Methods Task Lead; PMP and IFP		
David has over 40 years of experience in the US transportation industry. He combines over 20 years of design experience with 15 years of work with a P3 contractor-developer, where he served as a technical lead working with the financial, legal and commercial disciplines on mega-projects throughout the US, Canada and South America. Since 2020, he has worked as a director in HNTB's Advisory group specializing in owner's side alternative delivery.			
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).		
02/26-Ongoing	Ohio Department of Transportation (ODOT), North Coast Connector, Cleveland, Ohio. Serving as owner's representative for a progressive DB procurement to create a multi-use connection from downtown to the lakefront and convert Ohio Route 2 into a boulevard. The City is receiving three federal grants and must fulfill all FHWA major project requirements for management, cost/risk and financial planning.		
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Co-lead for OV consultant monitoring, contract compliance and risk management. HNTB is a major subconsultant providing OV consultant services to LADOTD for the \$2 billion replacement project under a P3 contract.		
02/20-Ongoing	GDOT, SR 400 Express Lanes P3, Atlanta, Georgia. P3 advisor who is working with the owner's representative team to develop toll requirements, toll policy and other commercial terms for this ongoing procurement through a revenue risk P3 contract to implement major capacity improvements for one of Atlanta's most congested highways. He is advising on best practices that will enable GDOT to realize the benefits associated with the transfer of revenue, life cycle and other risks to a private sector developer.		
12/22-Ongoing	Michigan DOT, I-375 Removal and Replacement, Detroit, Michigan. Procurement lead for owner advisor team developing a PDB request for proposal (RFP) to reconnect Detroit communities by removing a depressed freeway in favor of a surface boulevard. The PDB method was selected following a rigorous delivery alternatives analysis.		
04/22-Ongoing	LA Metro, Inglewood Transit Connector P3, Inglewood, California. P3 advisor who leads a group of HNTB SMEs reviewing the DB-finance-operate-maintain (DBFOM) procurement documents for a 1.6-mile, elevated, automated transit system that will connect the City's major sports and entertainment venues with LA Metro. Ensures that the procurement documents prepared by various parties are cohesive and biddable by the P3 industry.		
11/22-Ongoing	ODOT, Brent Spence Bridge PDB, Cincinnati, Ohio. P3 advisor who participated in adapting Ohio's DB contract to accommodate the PDB method for this \$2 billion ongoing procurement for a new bridge over the Ohio River and associated improvements on the approaches being overseen by a bi-state commission.		





David Boss, PE, DBIA

05/21-08/22	GDOT, I-20/I-285 East Interchange DB-Finance (DBF), Atlanta, Georgia. Team lead for this procurement through a DBF contract to implement over \$600 million in improvements for this key interchange. Responsible for coordinating procurement activities, technical issues and commercial discussions and supported the project reaching commercial and financial close.
08/20-04/21	ARDOT, I-40/I-55/Highway 77 Interchange PDB, Atlanta, Georgia. PDB advisor who developed procurement documents for delivering interchange improvements via a PDB procurement. Worked with ARDOT, FHWA and environmental specialists to apply the early contractor involvement principles of PDB to this critical transportation project that will reduce delays and improve access for emergency services.
10/14-07/16	Port Authority of New York and New Jersey (PANYNJ), LaGuardia Airport Central Terminal Redevelopment P3, Queens, New York. P3 technical lead for the developer consortium that completely redesigned and reconstructed the Central Terminal at LaGuardia Airport under a \$4 billion P3 lease arrangement. Oversaw traffic studies used to support the financing and developed long-term maintenance and life cycle plans.
04/14-09/14	Florida Department of Transportation (FODT), I-4 Ultimate P3 Project, Orlando, Florida. P3 technical director for the I-4 Mobility Partners during the pre-construction phase of this \$2.3 billion P3 project for FDOT District 05. Created project management and quality management plans while helping the company mobilize to execute the project.

16. Staff Experience

Firm employed by: **HNTB**

Name	Benjamin Goodner, PE	Years of relevant experience with this employer	19
Title	Bridge Department Manager, Associate Vice President	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	BS / 2008 / Civil Engineering		
Active registration number / state / expiration date	PE: #38208 / LA / 03-31-2028 FHWA-NHI-130055 Safety Inspection of In-Service Bridges		
Year registered	2013	Discipline	Civil
Contract role(s) / brief description of responsibilities	OV and Program Management; VE, Contractor Proposals, and RFI		
Ben is an associate vice president with experience in various engineering disciplines including levee, floodwall, roadway, drainage, and bridge. This wide range of experience enables him to manage multiple projects with multiple disciplines. His management experience includes PS&E development, cost estimating, QC review, construction related engineering services, detailing, analysis, inspection, and load rating of bridge structures on projects of various complexity, ranging from multi-level interchanges to off-system bridge replacements. Responsibilities include coordination of structural, roadway, traffic, electrical and mechanical engineering disciplines. He also has experience in program management which includes document control, contracting, prioritization, feasibility, stakeholder engagement, utility relocation, railroad permitting, grant writing and project finance. Ben has experience with alternative delivery being in charge of the design support services for both DB and P3 projects as well as contract administration.			
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).		
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Deputy design manager for this \$2.1 billion P3 project that will replace and widen to three lanes in each direction the Calcasieu River Bridge and the interstate mainline between I-210 on the west side and Ryan Street on the east side, and reconfigure segment of LA 378 (Sampson Street) from I-10 to Sulphur Avenue. Leads the multi-discipline review team by assigning SMEs to all teams, providing training for the OV and LADOTD review teams, coordinating reviews of all submittals, overseeing the review comments, consolidating comments, and assisting the developer with comment resolution. Ensures all design documents meet the contract requirements and that the LADOTD is not subject to any unnecessary risks throughout the design process. Leads coordination efforts for the developer, LADOTD, FHWA, Phillips 66, UPRR, and CPKC Railroad, while helping gain approvals for the following documents: NEPA, interchange modification report (IMR), C&M agreements, ROW maps, traffic management plans (TMP), URA, and other permits. Other responsibilities include contract oversight and administration, document control, stakeholder engagement, responding to RFIs, coordination with the developer and DB teams, and change management.		
11/25-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Senior technical advisor for the replacement of 21 of 62 bridges by the OLHC under the \$100 million bridge bundle program. This owner verification role is to ensure the projects are designed and constructed in a manner that maintains their status for federal aid eligibility based on FHWA and LADOTD standards, as well as review of serviceability and safety concerns. Advised on processes and procedures related to applying LADOTD typical policy to the unique OHLC project delivery process.		





Benjamin Goodner, PE

02/22-Ongoing	LADOTD, I-10 Calcasieu River Bridge Replacement Early Works Package, Calcasieu Parish, Louisiana. Team member on this project to develop an early works package to facilitate the construction of the replacement of the existing I-10 bridge over the Calcasieu River. During the environmental and procurement process of the P3 for the replacement structure, several obstacles were identified that would need to be addressed that were outside of the approved scope of the P3. This included rehabilitation of the existing bridge to extend the service life of the existing structure until the replacement was complete, the relocation of a railroad spur shared by CPKC Railroad and UPRR, and the addition of a temporary structure to facilitate the relocation of an existing pipe rack. Responsible for coordination between adjacent projects, design checks, schedule, and contracting support.
09/19-Ongoing	LADOTD, I-10/Loyola Interchange Improvements, OV Services, Jefferson Parish, Louisiana. Technical team lead managing all technical review assignments for this DB OV project. Responsible for making technical review assignments based on the contents of each submittal, and then ensuring comments are compiled in Form DRs and returned within the agreed-upon two-week timeframe. Specific responsibilities include managing review RFIs, design calculations, design criteria, and plan submittals. Also a lead reviewer on bridge and structural related submittals. Adherence to the performance-based specifications and constructability of DB's progress submittals is verified for this critical interchange connecting I-10 and Loyola Ave through the local urban communities and downtown New Orleans to the LANOIA terminal expansion.
04/13-Ongoing	LADOTD, LA 1 Phase 2, Leeville to Golden Meadow, Louisiana. Team leader on the annual inspection of the 8-mile long Phase 1 bridge, performing inspection of the entire substructure and superstructure, documenting deficiencies, and writing reports detailing the deficiencies and their progression over time. Also led a team responsible for developing design and plans for the 9-mile stretch of bridge and 300 feet of concrete T-wall in Phase 2. Responsibilities included preliminary alignment and layout; superstructure design and details of LG girders and deck design; substructure analysis and plan production; preliminary and final plan development; checking plans and design calculations; T-wall site layout plan and specification development; and developing quantity and cost estimates. Also served as the project manager for the construction services, responding to RFIs; reviewing shop drawings and contractor proposals for conformance with the contract documents; and managing the pile driving analysis and acceptance. .
07/21-02/25	LADOTD, I-110 North Street to Plank Road, Bossier Parish, Louisiana. Project manager on this bridge rehabilitation and median barrier replacement project. Responsibilities include managing design task and plan production for the backwall and approach slab replacements as well as the heat straightening and rehabilitation of the girders on the North 19th Street bridge, layout and design of median barrier, pier protection, and guard rail, construction phasing, quantities and cost estimates. Coordinated with LADOTD to accommodate details for roadway, drainage and lighting.
01/23-11/23	CPRA, Mid-Barataria Sediment Diversion, Plaquemines Parish, Louisiana. Lead structural peer reviewer on this plan set. Responsibilities included review of the railroad bridge, access bridge, and highway bridge to ensure consistency with LADOTD standards and common industry practices.
10/22-04/23	LADOTD, IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services, Statewide, Louisiana. Project manager who led teams in the development of multiple grant application on behalf of the LADOTD. Grant applications include Infrastructure for Rebuilding America (INFRA), Federal Railroad Administration (FRA) Railroad Crossing Elimination, Consolidated Rail Infrastructure and Safety Improvements (CRISI), Federal State Partnership and Corridor ID. Tasks include stakeholder engagement and outreach, cost estimating and benefit cost analysis, and narrative development.
09/20-10/24	LADOTD, I-20 Rehabilitation (Pines Road to I-220), Bossier Parish, Louisiana. Project manager on this bridge rehabilitation and median barrier replacement project. Responsibilities include managing design task and plan production, layout and design of median barrier, construction phasing, quantities and cost estimates.
09/19-02/22	City of New Orleans, Morrison Bridges, New Orleans, Louisiana. Project manager on this project which rehabilitated three bridges and replaced two bridges along the Morrison Road corridor. Responsibilities included managing design task and plan production, substructure and superstructure design, substructure and superstructure rehabilitation, construction phasing, quantities, and cost estimates.

16. Staff Experience

Firm employed by: **HNTB**

Name	Clinton "Rick" Hathaway	Years of relevant experience with this employer	16
Title	Senior Project Manager - Engineering	Years of relevant experience with other employer(s)	29
Degree(s) / Years / Specialization	BS / 1982 / Civil Engineering		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	OV and Program Management		
Rick has more than 30 years of consulting engineering and 14 years government oversight engineering experience. Prior to rejoining HNTB, he served for two years as Director of the New Orleans Department of Public Works supervising an organization of over 200 employees responsible for the design, construction and maintenance of 1550 miles of roadway including utilities, 450 signalized intersections, thousands of traffic regulatory signs and improvements ranging from total reconstruction, rehabilitation, geometric and minor replacement with all work meeting the requirements of the American Association of State Highway and Transportation Officials (AASHTO) and the Manual on Uniform Traffic Control Devices (MUTCD). He has been responsible for the design and management of projects and service areas involving civil, transportation, municipal, commercial and subdivision development engineering in New Orleans, Baton Rouge and Southeast Louisiana. Rick supervised the design of the proposed alignment of the 9 miles of I-10 in Lake Charles, and is currently part of the OV team for LADOTD reviewing roadway and construction phasing plans.			
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).		
06/21-Ongoing	LADOTD, Florida Boulevard/US 190, East Baton Rouge Parish, Louisiana. Project manager for the proposed \$40 million roadway rehabilitation project responsible for the supervision and review of the project roadway alignment and engineering final design. Tasks include horizontal geometry submittals for accuracy and compliance with LADOTD General Specifications and Standard Plans, Roadway Design Guide, LADOTD Complete Streets Policy, City-Parish of East Baton Rouge Complete Streets Policy, and general construction practices. Supervising staff on all deliverables for the environmental checklist, stage 0 study including plan/profile sheets, construction cost estimates, response to public input, attendance at public meetings, presentations, engineering plans, and cost estimates.		
12/15-04/26	City of Kenner, LA 49/Williams Boulevard Improvements, Kenner, Louisiana. QA/QC manager for the \$10 million roadway project and was responsible for the review of project plans and specifications. Tasks included preliminary and final submittals for accuracy and compliance with LADOTD General Specifications and Standard Plans, Roadway Design Guide, and general construction practices. Coordinated with City of Kenner and Jefferson Parish staff for non-standard accessible ramp design and utility related issues.		
06/23-07/25	LADOTD, Soult Street at US 190 Roundabout, St. Tammany Parish, Louisiana. Project manager for this roundabout design project. HNTB prepared a stage 0 evaluation for a roundabout at US 190 and Soult Street in Mandeville. Tasks included conceptualizing the proposed roundabout, environmental inventory and engineering feasibility study, and agency coordination with LADOTD.		
02/16-12/23	LADOTD, Urban Systems Program (Marconi Drive, MLK Boulevard, Morrison Road I and II), New Orleans, Louisiana. QA/QC manager for the \$20 million roadway reconstruction projects responsible for the review of project plans and specifications. Tasks included preliminary and final submittals for accuracy and compliance with LADOTD General Specifications and Standard Plans, Roadway Design Guide, and general construction practices. Coordinated with the City of New Orleans staff for non-standard accessible ramp design and utility related issues.		



16. Staff Experience

Firm employed by: **HNTB**

Name	Paul Huston, PE		Years of relevant experience with this employer	20
Title	Senior Program Manager		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		MS / 2001 / Infrastructure Systems Engineering BS / 1992 / Civil Engineering		
Active registration number / state / expiration date		PE: #57235 / WA / 05-21-2027; #96233 / TX / 06-30-2026		
Year registered	WA 2019; TX 2005	Discipline	Civil	
Contract role(s) / brief description of responsibilities		OV and Program Management		
Paul brings experience from over 30 years as a program and project manager leading multi-disciplinary teams and delivering transportation projects around the country. Paul works collaboratively with public agencies and stakeholders to develop and implement innovative delivery strategies that achieve successful project outcomes.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/18-Ongoing	City of Seattle, Waterfront Seattle Program Construction Management, Seattle, Washington. Program manager of the HNTB-led joint venture construction management team for the City's transformation of the Seattle downtown waterfront. The team includes nearly 50 staff from the joint venture members and ten subconsultants, including many who work from a co-located office with the City's program leaders. The \$350 million program includes 10 separate design-bid-build (DBB) and CM/GC contractor projects phased over a six-year construction period. Oversees the team's performance, roles and processes, contracting, budgeting, invoicing, and staffing.			
09/22-06/23	Port of Hood River, Hood River-White Salmon Bridge Replacement Project, Port of Hood River, Oregon. Delivery methods lead for this \$500 million project to replace the existing Hood River Bridge over the Columbia River. Led the team's efforts to conduct industry outreach, evaluate potential delivery methods and develop final recommendations. In January 2023, the Port Commission approved implementation of the recommended PDB delivery method.			
10/20-12/22	Seattle Department of Transportation (SDOT), Planning and Design for the Replacement of the West Seattle High Bridge, Seattle, Washington. Project manager for an HNTB-led team that worked with SDOT to plan and design the replacement of the City's West Seattle High Bridge. HNTB developed preliminary design, funding and delivery options for a future replacement of the existing 450-foot span over the Duwamish Waterway. Managed the scope, schedule, budget, quality and delivery of the multi-disciplinary national team.			
09/19-10/20	Wisconsin Department of Transportation (WisDOT), SR 9 Project Development, Washington. Project manager of the HNTB-led team working with WSDOT to widen State Route 9 and add a new \$140 million bridge crossing the Snohomish River north of Seattle. Initially planned as a DB project, WSDOT changed the delivery method to DBB during this time on the project. Specific roles included communicating project goals and details in public stakeholder presentations and meetings, collaborating with WisDOT through phases of risk assessment, delivery method consideration, environmental study and preliminary design; and managing consultant team resources to deliver expected work products.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Patrick Duffy, PE		Years of relevant experience with this employer	5
Title	Project Manager		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		MS / 2020 / Civil Engineering BS / 2016 / Civil Engineering		
Active registration number / state / expiration date		PE: #45363 / LA / 09-30-2027		
Year registered	2021	Discipline	Civil	
Contract role(s) / brief description of responsibilities		OV and Program Management; Bridge Design; Plan Development; Plan Review Meetings		
Patrick has experience working in traditional bridge engineering services of design, rehabilitation, and load rating. Having worked on both simple and complex bridges throughout Louisiana for LADOTD, he is familiar with the proper requirements and standards that the LADOTD expects. Patrick also provides relevant experience in program management, project management, OV and competitive discretionary grant applications.				
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).			
11/25-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Project manager representing LADOTD in the replacement of 21 of 62 bridges by the OLHC under the \$100 million program. This owner verification role is to ensure the projects are designed and constructed in a manner that maintains their status for federal aid eligibility based on FHWA and LADOTD standards, as well as review of serviceability and safety concerns. Management of this verification team includes leading multidiscipline reviews (bridge, roadway, traffic, hydraulics, and geotech), staffing reviews that match the demands of the program to ensure that every deliverable is reviewed and comments submitted within seven days, leading coordination efforts between LADOTD, OLHC and District Representatives, leading team of document controls and schedulers to ensure records are kept and properly communicated to all parties, and representing LADOTD in RFIs and comment resolution meetings with OLHC.			
02/22-11/24	LADOTD, I-10 Calcasieu River Bridge Replacement Early Works Package, Calcasieu Parish, Louisiana. Project engineer who served as task manager for the substructure modifications and existing bridge repairs. Several obstacles needed to be overcome to allow for the replacement bridge to be constructed within the proposed limits set out by the P3 procurement and the environmental documents. To allow for the new railroad alignment, modifications were required to the substructure of the existing bridge. A complex system involving temporarily supporting the structure and transferring the load to the new structure was designed. Complex FEA was required to design the straddles and jacking connection. Repair plans were developed based on the agreed to repairs from the inspection performed. The scope of the repairs included those necessary to extend the life of the structure for the duration of the replacement schedule and to minimize the maintenance required on the existing structure until it can be retired from service.			
06/25-Ongoing	LADOTD, Load Rating IDIQ, Statewide, Louisiana. Project engineer assigned as task manager for the rating of five complex bridges. The project consists of analyzing five complex bridges with the goal of providing LADOTD with an overall assessment of the current condition of each bridge as well as repair recommendations and plans if necessary. Bridge structure types in this project include swing span, pontoon, and vertical lift. This project included collecting existing bridge plans and inspection reports, determining proper load rating method and procedures on a case-by-case basis for each unique structure type, load rating analysis of the superstructure and substructure of existing bridges, report generation, assisting engineers through the load rating process, and providing QA/QC on all deliverables to the client.			



Patrick Duffy, PE

11/23-Ongoing	LADOTD, IJJA Off-System Bridge Program, District 61, East Baton Rouge Parish, Louisiana. Program manager of this \$38.5 million off-system bridge replacement program consists of developing the selected projects for the program and completing all design services necessary to replace fair and poor condition off-system bridges in East Baton Rouge Parish. The program began with HNTB performing services to determine the project locations selected for this program which utilizes federal funding facilitated through LADOTD to replace parish owned bridges. The screening process started with researching eligible structures, coordinating with local stakeholders, and selection of structures for inclusion in the program. A specific screening tool was created to maximize the available funding to replace the most poor or fair bridges possible. The results of the screening created a program to replace 13 bridges separated into 10 different projects. HNTB completed all design services required to deliver these projects. Each bridge replacement project includes coordination with LADOTD, East Baton Rouge Parish and other stakeholders, management of multiple subconsultants, delivery of this multi-discipline project, and construction related services. Disciplines include bridge design, roadway design, environmental services, geotechnical design, geotechnical testing, survey, ROW mapping, traffic control, and H&H.
11/23-Ongoing	Parish of Baton Rouge, MOVEBR Infrastructure Program, Baton Rouge, Louisiana. SME responsible for bridge and structural reviews for plans, feasibility studies, scopes, fees, and design criteria for this program of new capacity infrastructure projects on 40 roadways throughout East Baton Rouge. Deliverables are reviewed for contract compliance and with LaDOTD, FHWA, and Parish standards.
01/24-03/24	East Baton Rouge Parish, Bridge Investment Program (BIP), Baton Rouge, Louisiana. Bridge technical lead for a BIP discretionary grant application to replace three bridges in the Parish. This project included structure asset review and planning, and stakeholder engagement. Development of this grant included a review of bridge assets and selecting bridges that were most competitive for an application. The final application consisted of three poor rated structures, two of which were in USDOT disadvantaged communities, to be replaced. Each of the three bridges comprising the project cross water features, all of which are prone to flooding and overtopping the bridges and were identified in either the parish-wide stormwater masterplan or the City of Central, master drainage plan.
04/21-12/24	LADOTD, IDIQ Contract for Bridge Preservation, Statewide, Louisiana. Project engineer who performed design and analysis services for the LADOTD IDIQ contract. Projects under this contract include assessing bridge existing conditions and designing bridge repairs for bridge impact, designing bridge rehabilitation plans including heat straightening, carbon fiber reinforced polymer (CFRP) repairs, concrete deck patching, joint replacement and bearing replacement. In the Tasked with assessing bridge superstructure impact damage and designing bridge repairs to the North 19th Street Bridge under the I-110 North Street to Plank Road task order. This bridge repair project is part of the larger ongoing I-110 corridor improvements project. To assess the impact damage, existing plans and up to date inspection reports were reviewed; a site visit was also performed. A bridge superstructure model was then developed in BrR properly reflecting the bridge in its damaged state. A bridge repair was design for the impacted members which was independently rated by hand calculations. These repairs were then generated in a BrR model that properly reflected the post-repair results. Additional tasks performed under this contract include QA/QC for multiple task orders through final plan development.
04/21-12/21	LADOTD, LA 1 Phase 2 Bridge, Lafourche Parish, Louisiana. Bridge engineer on the substructure design team for the elevated bridge intersection connecting relocated LA 1 with the existing road, totaling \$436 million. Led team for load rating of new superstructure and substructure of Phase 2C. The project involved elevating an 8.3-mile stretch of two-lane, at-grade, rural SH 1 to 22 feet above the rising Gulf of Mexico and surrounding marsh to eliminate frequent inundation and consequential energy production.
07/23-08/23	Lafayette Consolidated Government (LCG), Grant Management, Lafayette, Louisiana. Bridge technical lead for the LCG bridge asset analysis under HNTB's Grants Management contract. This task order consisted of an analysis of LCG's bridge assets, including parish wide condition assessment and screening of potential bridge replacement candidates for discretionary grant funding.
10/22-04/23	LADOTD, IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services, Statewide, Louisiana. Grant writer for multiple grant applications in support of re-establishing passenger rail between Baton Rouge and New Orleans. Tasks included research and document collection, narrative writing, cost estimating, and QA of final deliverable. Grant pursuits included Railroad Crossing Elimination Grant, CRISI, Corridor Identification Program, and Federal State Partnership. Developed an INFRA grant application to replace bridges and improve pedestrian access in Ruston. Bridge technical advisor for Jimmie Davis DB Procurement.

16. Staff Experience

Firm employed by: **HNTB**

Name	Mark Elkassouf, PE	Years of relevant experience with this employer	1
Title	Project Manager, Bridge Engineer	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization	BS / 2014 / Civil Engineering		
Active registration number / state / expiration date	PE: #46362 / LA / 09-30-2026		
Year registered	2022	Discipline	Civil
Contract role(s) / brief description of responsibilities	OV and Program Management; Bridge Design; Plan Development; Plan Review Meetings		
Mark works as a bridge engineer in HNTB's Baton Rouge office. He previously worked at LADOTD, where he gained substantial knowledge in bridge engineering. He brings years of experience in bridge design, bridge rehabilitation and repair, and project management.			
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).		
01/26-04/26	LADOTD, I-12 Median Barrier Retrofit, East Baton Rouge and Livingston Parish, Louisiana. Project manager and EOR responsible for managing/leading the structural design group and the road design group in design and plan development, assisting with design and plan detailing, following project delivery processes, coordinating with the LADOTD project manager, and ensuring quality processes were followed. Due to the 2016 floods, the scope of this project was to have median barrier along much of I-12 in East Baton Rouge and Livingston Parish be replaced at locations where the flood waters were at the highest. The median barrier was to be replaced with hydraulically efficient barrier, a concept and design based on a Texas Department of Transportation (TxDOT) design, with this being the first implementation of its kind. HNTB delivered 100% sealed and signed final plans from notice to proceed (NTP) in three months.		
01/26-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Bridge review manager, representing LADOTD in the replacement of 21 of 62 bridges by the OLHC to ensure the projects are designed and constructed in a manner that maintains their status for federal aid eligibility based on FHWA and LADOTD standards, and review of serviceability and safety concerns. Management of this team includes leading multi-discipline reviews (bridge, roadway, traffic, hydraulics, and geotechnical), staffing reviews based on program demands to ensure every deliverable is reviewed and comments submitted within seven days. Tasks also include leading coordination efforts between LADOTD, OLHC and district representatives, leading document controls and schedulers to ensure records are kept and properly communicated to all parties, and representing LADOTD in RFIs and comment resolution meetings.		
02/26-Ongoing	LADOTD, I-110 North Street to Plank Road, Bossier Parish, Louisiana. Project manager for a multi-discipline rehabilitation project on I-110. Scope includes 1.3 miles of pavement rehabilitation, drainage improvements, bridge analysis, updated median barrier, and concrete pier protection with guard rails. This project involves managing and coordinating with multiple disciplines include structural, road, hydraulics, and subconsultants, as well as coordinating with the LADOTD project manager and District.		
01/23-12/25	LADOTD, I-12 Hog Branch Bridge Replacement, Livingston Parish, Louisiana. Project manager and bridge task manager for the replacement of two girder bridges with one wide structure that spans the entire width of the corridor to widen the travel lanes in each direction; interstate approach and departure roadways from the bridge site are set for widening, as well as the applicable median barrier along the project. This project began as a bridge widening of each existing structure, but through site research and analysis, the team identified significant scour and geotechnical issues with this approach and developed a plan for replacement. Responsibilities included scheduling, invoicing, coordinating with the design consultant, performing plan reviews, leading project status, and plan review meetings.		





16. Staff Experience

Firm employed by: **HNTB**

Name	Buren "Buck" DeFee, PhD, GISP		Years of relevant experience with this employer	19
Title	Senior Project Manager		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		PhD / 2003 / Urban and Regional Sciences MS / 1998 / Land Development BS / 1994 / Marine Biology		
Active registration number / state / expiration date		GISP: #48418 / N/A / 01-25-2028		
Year registered	2009	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Grant Applications and Benefit Cost Analysis		
Buck is an expert in leading projects with broad-scale land management issues and his work was key to maximizing recovery funding from FEMA, FHWA and HUD after Hurricanes Katrina, Harvey and Superstorm Sandy through the FEMA-DRF, FHWA-ER, CDBG-DR, CDBG-MIT and Hazard Mitigation Grant Program (HMGP). He is leading grant-writing efforts under the Bipartisan Infrastructure Law, winning over \$125 million in grant funding for clients. Buck has extensive experience working in Ascension Parish with projects including the Ascension Parish Drainage PMC, Ascension Parish GEC, Ascension Levee Accreditation, and the Ascension Parish Floodplain study.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/12-12/15	LADOTD, Paths to Progress PMC, Greater New Orleans Region, Louisiana. Task lead that worked with local agencies and utilities to collect geospatial data critical to coordinate utility replacement during recovery efforts following Hurricane Katrina.			
06/14-Ongoing	Ascension Parish, Various Contracts, Ascension Parish, Louisiana. Provided geospatial expertise for Ascension Parish since 2014, including data collection, management and analysis for flood protection projects and more recently, grant applications for recovery, resiliency and transportation.			
05/22-Ongoing	East Baton Rouge City-Parish, Grants Management, Baton Rouge, Louisiana. Program manager for the program where the goal of the program is to identify projects, determine project eligibility under formulaic and discretionary grant funding programs, complete applications for funding under the Bipartisan Infrastructure Law or other existing programs, and manage awarded grants. Applications include USDOT Safe Streets for All; FRA Railroad Crossing Elimination; and Neighborhood Access and Equity (\$13 million). Managing prior grant awards including: USDOT INFRA (Baton Rouge Northern Mobility Plan, \$56 million); USDOT Rebuilding American Infrastructure with Sustainability and Equity (RAISE) (Baton Rouge/Gonzales Passenger Train Stations, \$20 million).			
12/17-01/20	Harris County, Disaster Recovery, Houston, Texas. Managed FEMA's damage inventory, scheduling, coordinating, and providing oversight for FEMA site visits. Coordinated with Harris County Engineering and Harris County Flood Control District to identifying and assess potential drainage project sites. Managed application development for CDBG-DR, CDBG-MIT and HMGP grant funding. Developed resource and cost-loaded project schedules for over 100 local, CDBG, and HMGP-funded Recovery and Resiliency projects for use in program planning and long-term decision-making. Developed tools to assist Harris County in determining program eligibility for current and future projects. Worked with team to document projects per application requirements. Completed grant applications totaling \$382 million resulting in over \$100 million in Federal funding.			





16. Staff Experience

Firm employed by: **HNTB**

Name	Chris Kopp, AICP CTP		Years of relevant experience with this employer	16
Title	Transportation Planning Practice Leader		Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization		MS / 1997 / Civil Engineering BA / 1994 / Architecture		
Active registration number / state / expiration date		AICP: #016227 / N/A / N/A		
Year registered	2000	Discipline	Planning	
Contract role(s) / brief description of responsibilities		Grant Applications and Benefit Cost Analysis		
Chris brings more than 30 years of experience managing a wide variety of planning studies, most recently helping states and regions develop transit system visions and corridor plans. Chris has conducted economic and financial analyses of proposed projects and investment programs and advised transit agencies as they explore strategic issues related to funding, governance and program implementation. He has prepared documentation for \$2 billion worth of federal discretionary grants. He has advised more than 20 transit agencies on financial issues, giving him an understanding how public transportation builds more sustainable and livable communities and the issues agencies face when implementing new rail or bus rapid transit (BRT) projects.				
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).			
11/19-12/20	LADOTD, LA 1 Phase 2 INFRA Grant, Golden Meadow to Leesville, Louisiana. Economics lead for the development of a grant application, benefit cost analysis and economic impact assessment for elevation of a roadway connecting the mainland with a major port serving the Gulf of Mexico oil and gas industry. The robust, defensible and well documented benefit cost analysis results were unchallenged by USDOT reviewers and a key contributor to the project's success in the competitive federal grant program. The project was awarded an INFRA grant of \$135 million in 2020, the largest award in the annual funding round.			
01/19-Ongoing	Chicago Transit Authority (CTA), Red Line Extension (RLE) Program Management Services, Chicago, Illinois. Financial planning lead positioning the project to compete in the Federal Transit Administration (FTA) New Starts process through the project development phase. Responsibilities include competitive grant strategy, local value capture financing revenue estimation, funding risk management and preparation of request for entry into engineering. HNTB provides program management services for the CTA RLE project, a proposed 5.6-mile heavy rail BRT extension of the Red Line on Chicago's Far South Side, with a total project cost of approximately \$2.5 billion. The project will construct four new stations that feature bus connections and parking facilities and provide a modern, efficient car storage yard and shop facility. RLE is one part of CTA's Red Ahead Program to extend and enhance the entire Red Line.			
10/18-09/22	Metra, Strategic Capital Planning, Chicago, Illinois. Project manager for a task order contract to provide project development, grant application support, project feasibility analysis, fare policy analysis, capital and operating cost estimates, ridership and revenue forecasting, benefit-cost analysis, Title VI/Environmental Justice equity analysis, cash flow scenarios and other services. Tasks have included development of discretionary federal grant applications that have yielded more than \$30 million for Metra projects. Developed a feasibility study for a proposed regional rail service between downtown Chicago and Chicago-O'Hare International Airport that evaluated competitiveness under a range of FTA and FRA funding programs.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Diane Gormely-Barnes, FAICP, ENV SP, LEED AP		Years of relevant experience with this employer	23
Title	Planning and Urban Design Section Manager		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		MUP / 1997 / Urban Planning BArch / 1992 / Architecture		
Active registration number / state / expiration date		AICP #016707 / N/A / N/A ENV SP: #3888 / N/A / 06-26-2027 LEED AP: N/A		
Year registered	AICP 2001, LEED AP 2009, ENV SP 2020, FAICP 2024	Discipline	Certified Planner, LEED Accredited Professional, Licensed Architect	
Contract role(s) / brief description of responsibilities		Grant Applications and Benefit Cost Analysis		
Diane is a principal planner based in HNTB-Chicago's planning group, managing the Planning and Urban Design section that serves client agencies locally and across the country. Her 33 years of experience covers the spectrum from strategic and policy planning to detailed design solutions and funding strategies, with an emphasis on consensus-based and contextually sensitive integration of transportation infrastructure and development. Diane provides support to agencies nationwide on New Starts and federal discretionary grant applications, including the coordination with municipalities that is required for successful funding efforts. She was inducted into the AICP College of Fellows in 2024 in recognition of her significant career contributions to the urban planning profession.				
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).			
06/24-02/25	West Virginia Department of Transportation (WVDOT), On-Call Grant Engineering Services for Division of Highways, Statewide, West Virginia. Narrative task lead for preparation of narrative documentation for MPDG and BUILD discretionary grant applications, in coordination with the design and benefit cost analysis teams. A rural MPDG grant application was prepared for a proposed I-64 Welcome Center at Exit 8; completion of the new Welcome Center would enable an existing nearby rest area to be converted for exclusive use by trucks. A BUILD (previously RAISE) grant was prepared for a Statewide Truck Parking Strategy encompassing three locations where an increase in overnight parking capacity would increase safety and operating efficiency for the trucking industry, while incorporating upgrades to rest area facilities and re-use of an obsolete former weigh station. The BUILD application secured \$25 million in federal funding for the project, announced in July 2025.			
06/23-02/24	Port of Hood River, Hood River Bridge Owners Representative, Hood River (White Salmon Bridge Replacement Project Bridge Grant Applications), Hood River, Oregon. Senior technical advisor for preparation of narratives for BIP and MPDG grant applications for the project, which will replace a critical rural freight transportation link, the only connection between Oregon and Washington along a 44-mile stretch of the Columbia River. The replacement bridge will provide new pedestrian and bicycle connectivity and support expansion of local transit services. The MPDG application secured \$200 million in INFRA funding for the project, announced in February 2024.			



Diane Gormely-Barnes, FAICP, ENV SP, LEED AP

11/21-10/22	ODOT, Brent Spence Bridge Corridor, Hamilton County, Ohio and Kenton and Campbell Counties, Kentucky. Senior technical advisor for preparation of the grant narrative and other application materials for INFRA and BIP applications for a new Ohio River crossing between Cincinnati, Ohio and Covington, Kentucky. Coordinated responses to reviewer questions regarding both applications. The project includes rehabilitation of the existing Brent Spence bridge to support local traffic, construction of a new companion bridge to support interstate through traffic, and upgrades to 7.8 miles of approach roadways in Ohio and Kentucky, including major interchange improvements. These applications secured a combined total of \$1.635 billion in federal funding for the project, announced in December 2022.
06/22-03/24	City of Minneapolis, General Consulting Pool, Nicollet Avenue Bridge Grant Application, Minneapolis, Minnesota. Senior technical advisor for preparation of the grant narrative and other application materials for a BIP application submitted for rehabilitation of the Nicollet Avenue Bridge over Minnehaha Creek in the City of Minneapolis in 2022, resubmitted in 2024. The application preparation required close coordination with City departments and the design engineering firm. The application secured a total of \$34.3 million in federal funding for the project, announced in October 2024.
01/24-04/24	Maryland Aviation Authority, BWI Marshall Airport On-Call Planning, Statewide, Maryland. Senior technical advisor for preparation of a RAISE grant application for the BWI Marshall Airport Multi-Modal Ground Transportation Center (GTC) and Automated People Mover (APM) Planning Study. The GTC will centralize transportation facilities and accommodate improved connectivity including anticipated new routes and modes, and will help separate vehicle types to optimize safety, efficiency and provide capacity for new service within the terminal area. An APM will allow for expanded, reliable and efficient connectivity throughout the BWI Marshall campus and into the surrounding community. The 2024 application secured a total of \$800,000 in federal funding for the planning project, announced in June 2024.
01/18-08/21	Metro, Gold Line BRT, St. Paul, Maplewood, Landfall, Oakdale and Woodbury, Minnesota. Task lead for the Metro Gold Line BRT project, a 9-mile dedicated line that connects St. Paul, Maplewood, Landfall, Oakdale and Woodbury. Metro received a Full-Funding Grant Agreement (FFGA) for \$239 million in federal funding in 2022, and is in service as of March 2025. Supported the FFGA application through preparation of the Land Use and Economic Development supporting documentation, including guidance on a joint development opportunity at the terminal BRT station in Woodbury. Gold Line service offers new opportunities for residents, employees and business owners by strengthening connections to the eastern suburbs with 10 new stations and a connection to Union Depot. HNTB's services include project management, project controls, FTA reporting and coordination support, value engineering, constructability reviews, peer review of engineering design, safety and security, financial reporting, agreements development, and public outreach and communications support. This project won the Planning Excellence Award from APA Minnesota in 2025.
07/20-12/20	TxDOT, I-345/I-30 Feasibility Study, Dallas, Texas. Planner supporting preparation of an analysis for TxDOT comparing the economic impact of four different alternatives for the redevelopment of I-345 in Dallas, between the I-30/45 interchange and the US 75/Spur 366 interchange. The analysis estimates economic impact in terms of new property taxes generated by the conversion of land currently used for transportation to developable parcels for other uses in each of the four alternatives.

16. Staff Experience

Firm employed by: **HNTB**

Name	Hans Reed Hutton, PE		Years of relevant experience with this employer	29
Title	Project Manager		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		MS / 1997 / Civil Engineering BS / 1990 / Civil Engineering		
Active registration number / state / expiration date		PE: #38204 / LA / 03-31-2028		
Year registered	2013	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Engineering and Design Peer Reviews; Bridge Design MPR 3 11		
Hans is a vice president, HNTB Fellow and chief engineer in HNTB's Kansas City Bridge Department. He has worked on a variety of complex urban highway projects and bridge types including suspension, cable-stayed, arches, trusses, segmental, girder and rigid frames. He has worked with both fixed and movable bridges as well as roadway, railway and pedestrian bridges. He also has experience with a variety of foundations and temporary structures with experience in erection engineering. He has designed bridges over major navigable waterways, including the Mississippi, Missouri and Ohio rivers as well as the intercoastal waterways.				
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).			
01/20-05/21	Missouri Department of Transportation (MoDOT), US 169 Buck O'Neil Bridge Replacement DB, Kansas City, Missouri. EOR for this complex major urban highway interchange and Missouri River crossing that included ten bridges. Two bridges crossing the Missouri River were over 1,800 feet long and comprised a series of steel plate girder spans and prestressed concrete girder spans. This was a navigable waterway, and its navigation spans were over 450 feet. The piers were designed for vessel impact. Two bridges were curved flyovers about 1,500 feet in length that directly connected I-35 with US 169 and were comprised of steel plate girder and prestressed concrete girder spans. The remainder of the bridges were approaches or smaller flyover bridges that were a combination of curved steel plate girder and prestressed concrete spans. The project employed a variety of reinforced concrete substructures founded on drilled shafts. The bridges were modeled in CSi Bridge with 3D finite element models including frame and shell elements. The models were used for the evaluation of all forces, load combinations, dynamic analyses, and steel girder design.			
01/19-09/20	Virginia Department of Transportation (VDOT), I-95 Express Lanes Fredericksburg Extension P3, Fredericksburg, Virginia. EOR for seven bridges, including three precast, pretensioned concrete girder bridges and four curved steel flyover bridges. This complex urban highway project involved the extension of two express lanes north of Fredericksburg in the median of the I-95 corridor.			
01/17-05/17	LADOTD, Hale Boggs Memorial Bridge over the Mississippi River, Luling, Louisiana. SME and field inspector for the in-depth inspection of this three-span, cable-stayed bridge with a 1,220-foot main span across the Mississippi River. Field work included structural inspection of the cable-stayed unit along with the disassembly and reassembly of the stay-cable friction damping devices.			
03/16-05/16	LADOTD, John James Audubon Bridge over the Mississippi River, St. Francisville, Louisiana. SME and field inspector for the in-depth inspection of this three-span, 3,185-foot cable-stayed bridge across the Mississippi River. Field work included structural inspection of the cable-stayed unit along with the disassembly and reassembly of the stay-cable friction damping devices.			



Hans Reed Hutton, PE

06/08-02/14	MoDOT, I-70 Stan Musial Veterans Memorial Bridge over the Mississippi River DB, St. Louis, Missouri. EOR for the design of a 2,700-foot cable-stayed bridge, which included a three-span, steel, cable-stayed unit incorporated a 1,500-foot main span over the Mississippi River. This urban complex highway project incorporated a composite of steel edge girders with a post-tensioned concrete deck. The concrete pylons utilized steel anchor boxes for the anchorage of the stay-cables. This bridge spans a navigable waterway. Structural analyses included detailed erection analyses and nonlinear seismic time history analyses.
01/22-10/22	Harris County Toll Road Authority, Sam Houston Tollway over the Houston Ship Channel, Houston, Texas. Lead engineer for an in-depth independent design check of the cable-stayed unit replacing the existing bridge. The \$750 million new cable-stayed unit is a five span, 2,720-foot composite steel and concrete bridge with a 1,320-foot main span.
01/17-05/19	TxDOT, US 181 Harbor Bridge P3, Corpus Christi, Texas. SME providing peer review for the design of the replacement bridge across Corpus Christi Harbor. This includes a 3,289-foot, three-span concrete cable-stayed unit and 7,532 feet of concrete segmental approach spans.
05/13-01/17	New York State Department of Transportation (NYSDOT), Brooklyn Queens Expressway Kosciuszko Bridge DB, Brooklyn, New York. EOR and technical lead for this 1,000-foot, two span cable-stayed bridge. This bridge incorporated steel edge girders composite with a post-tensioned concrete deck. The concrete pylon utilized steel anchor boxes for the anchorage of the stay-cables. This bridge spans a navigable waterway. Structural analyses included detailed erection analyses as well as geometric and material nonlinear seismic time history analyses.
01/11-05/12	ODOT, Cleveland Innerbelt Bridge DB, I-90 over the Cuyahoga River, Cleveland, Ohio. EOR for this project involving the design and construction of 18 bridges and 10 retaining walls. This included a 3,100-foot, steel delta frame viaduct over the Cuyahoga River and new composite steel approaches including 410-foot unit, 840-foot unit and 760-foot units.
01/10-04/11	Port of Long Beach, Ocean Boulevard over the Long Beach Channel (Gerald Desmond Bridge), Port of Long Beach, California. Design engineer who assisted in the conceptual design of this 2,000-foot cable-stayed bridge. This three-span, steel cable-stayed unit incorporated a 1,000-foot main span over the Long Beach Channel.
03/03-05/04	Iowa Department of Transportation (Iowa DOT), I-235 Bridge over University Avenue, Des Moines, Iowa. EOR responsible for leading the design of this 11-lane, three-span, 221-meter, skewed composite steel plate girder bridge on concrete piers and abutments.
05/01-04/03	MoDOT, Bill E. Emerson Memorial Bridge over the Mississippi River, Cape Girardeau, Missouri. Design engineer who assisted in the design of the main spans of this 2,100-foot, steel cable-stayed bridge. This three-span unit incorporated a 1,150-foot main span over the Mississippi River.

16. Staff Experience

Firm employed by: **HNTB**

Name	Steven Thomas Hague, PE		Years of relevant experience with this employer	40
Title	Senior Project Director		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization	ME / 1982 / Civil Engineering BS / 1981 / Civil Engineering			
Active registration number / state / expiration date	PE: # 28414 / LA / 09-30-2027			
Year registered	1999	Discipline	Civil, Structural	
Contract role(s) / brief description of responsibilities	Engineering and Design Peer Reviews; Bridge Design MPR 11			
Steve serves as project manager and bridge task leader for complex urban highway and bridges throughout the US. In his over 40 years of experience, he has become a SME and trusted advisor for the design, construction and rehabilitation of all types of bridges including roadway, rail and pedestrian, steel and concrete, and fixed and movable bridges. He is responsible for managing multiple office/multiple-firm design assignments, which include specialists for tasks as diverse as wind tunnel studies, site-specific seismology and geotechnical soil and rock remediation.				
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).			
07/25-Ongoing	TDOT/ARDOT, I-55 America's River Crossing over the Mississippi River, Memphis, Tennessee to West Memphis, Arkansas. Bridge task lead for program management oversight for the replacement of the I-55 Mississippi River Bridge. The existing structure was built in 1949, prior to the interstate system and current seismic design provisions. Responsible for coordination with the EOR, TDOT and ARDOT, the CM/GC firm and the balance of the program management team to ensure that the NEPA commitments and BIP grant requirements are being met. The new bridge will feature a four-lane (plus two axillary lanes) cable-stayed bridge with a main span length of 1,350 feet.			
12/16-Ongoing	ODOT, SUM-8-1.75 Bridge over the Cuyahoga River Valley, Akron, Ohio. Project task lead responsible for the design of this \$157 million replacement bridge for the existing steel deck truss and approach spans. The twin bridges carry SR 8 southbound and northbound over the Little Cuyahoga River, Pennsylvania and Ohio Canal, North Street, and multiple railroads. The existing steel deck truss is three spans with a total length of approximately 1,000 feet. The bridge deck currently sits approximately 70 feet above the valley below. Due to the bridge height, the Incremental Launching Method (ILM) was specified for construction. The bridge will be replaced while maintaining six lanes of traffic by constructing a new southbound bridge to the west of the existing bridge. It will be wide enough to accommodate six lanes while building the northbound bridge. HNTB, as a subconsultant, is providing value engineering as well as ILM study, constructability and peer review for the bridge and the maintenance of traffic.			
01/09-01/11	ODOT, I-90 Innerbelt Bridge DB, Cleveland, Ohio. Chief bridge engineer for the first major construction project of the Cleveland Innerbelt Program. The team designed and constructed a new bridge over the Cuyahoga River Valley on I-90 that will accommodate six lanes of bi-directional traffic on opening day and five lanes of traffic westbound following future Innerbelt Construction Contracts. This \$298 million complex urban highway reconstruction project was ODOT's first major DB project, and the most important project in Cleveland. Work included approach pavement and 14 structures (including the George V. Voinovich Bridge), bridge deck replacement and bridge rehabilitations, removals, earthwork, pavements, landscaping, sidewalks, drainage facilities, utilities, waterlines, walls, traffic control, lighting, and aesthetic enhancements for the completion of the facility.			



Steven Thomas Hague, PE

12/15-11/16	TxDOT, US 281 Extension, San Antonio, Texas. Bridge and geotechnical engineering task leader for the reconstruction of 3.8 miles of US 281 in San Antonio. The complex urban highway project includes four direct connector ramps to complete the northern half of a five-level interchange, four stream crossing bridges and 10 grade-separation structures. Included in the structural tasks are the design of numerous cast-in-place detention ponds; mechanically stabilized earth (MSE) and drilled shaft retaining walls; and one sound wall.
04/14-05/16	TxDOT, SL 335/I-27 Interchange, Amarillo, Texas. Senior technical advisor for this 8-mile, new location portion of the SL 335 Amarillo Loop from FM 2590 to SW 9th Avenue. This \$388 million four-lane (with accommodation to widen to six lanes), complex controlled access highway with frontage roads included five grade separations to local interchanges as well as a five-level fully directional interchange with I-40. Developed preliminary design and environmental documents included traffic data collections, projection and analysis, interstate justification reports (IJR), roadway preliminary design, value engineering study, NEPA environmental field studies, public involvement, ROW parcels and map, SUE and utility coordination.
07/22-Ongoing	GDOT, US 17/SR 404 Spur Bridge (Eugene Talmadge Memorial Bridge) Major Maintenance Project, Savannah, Georgia. Senior structural engineer who performed the proof of concept engineering to demonstrate feasibility and independent design reviewer for this \$160 million major maintenance project. This first-of-its-kind project includes replacing 144 grouted stay cables with a state-of-the-art ungrouted stay system. Stay cable replacement will be followed by modifying the bridge profile to provide an additional 20 feet of underclearance for safe passage of larger vessels into the Port of Savannah. The work included structural analyses for stay cable replacement, adjustment of stay cables for the profile change to increase the clearance over the navigation channel, wind tunnel studies to determine the wind effects on the structure at the revised profile and an assessment of structural demand under the revised wind loads.
05/21-06/23	ARDOT, Hernando de Soto Bridge (I-40) over the Mississippi River, West Memphis, Arkansas to Memphis, Tennessee. Project manager for this critical bridge over the Mississippi River. On the afternoon of May 11, 2021, during a routine inspection of the back-to-back, 900-foot trussed tied arch navigation unit over the Mississippi River, a significant fracture in a section of the fracture-critical tie girder was found requiring immediate closure of the span to highway traffic and the river to navigation traffic. HNTB was asked by ARDOT to engage immediately with on-site presence to evaluate the fracture and provide subsequent engineering services to work with TDOT's design consultant for the evaluation of the criticality of the fracture and repairs necessary to re-open the bridge to traffic.
08/14-04/16	Minnesota Department of Transportation (MnDOT), Minnesota Route 43 over the Mississippi River, Winona, Minnesota. Provided peer review for substructure and foundation design for this historic truss bridge over the Mississippi River.
01/07-01/10	MoDOT, Stan Musial Veterans Memorial Bridge (I-70) over the Mississippi River, St. Louis, Missouri. Project manager for the design of a new four-lane crossing of the Mississippi River near downtown St. Louis. This project was the first new bridge connecting downtown St. Louis and southwestern Illinois in more than 40 years and was planned to relieve congestion on the Poplar Street Bridge. This \$265 million project was part of an overall \$640 million program and included a 1,500-foot, main-span cable-stayed bridge and approaches on either side. The bridge was initially designed to carry four lanes of traffic; however, if required by future demands, the bridge may be re-stripped to carry six lanes while MoDOT plans a parallel structure immediately downstream. The bridge was designed for a 2,500-year return period earthquake event in the New Madrid Seismic Zone for AASHTO Site Class F soils and for vessel allision forces in the Mississippi River. Responsibilities included managing a design team comprised of 15 consulting firms in three different locations, as well as coordination between MoDOT and two additional consultants for adjoining projects. Responsible for the final technical review and approval for all aspects of the project from the design criteria document to final plan submittal, recommendations for foundation, substructure and superstructure types; key decisions with respect to structural design; review and approval of contractor-submitted design-phase alternative technical concepts (ATC); USCG, USACE and FAA permits; geotechnical investigation plan and engineering; site-specific seismology and seismic hazard assessment. The project was designed for HL-93 loads in accordance with AASHTO LRFD Bridge Design Specifications and the first edition of the AASHTO Guide Specifications for LRFD Seismic Bridge Design.

16. Staff Experience

Firm employed by: **HNTB**

Name	Lesley Vance "Van" Short, PE, PMP, PTOE, RSP1		Years of relevant experience with this employer	9
Title	Senior Project Director		Years of relevant experience with other employer(s)	32
Degree(s) / Years / Specialization	BS / 1984/ Civil Engineering			
Active registration number / state / expiration date	PE: #26026 / LA / 03-31-2028			
Year registered	1994	Discipline	Civil	
Contract role(s) / brief description of responsibilities	Engineering and Design Peer Reviews; Roadway Design MPR 10			
Van is a project manager with experience in a wide variety of highway design and transportation studies, including feasibility studies, design and reconstruction, PS&E, DB and utility coordination. He worked for TxDOT for six years in the Tyler and Dallas districts and has vast experience in designing projects in accordance to multiple state and federal specifications. His project management experience includes roadway schematics, off-system bridges, urban highway widenings, multi-level interchanges, multi-lane freeways and an interstate rest area.				
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).			
06/24-03/26	ARDOT, Highway 612 Springdale Bypass PS&E, Benton County, Arkansas. Deputy project manager for the 4.4-mile new location freeway with a full directional interchange at I-45 and diamond-loop interchanges at Dixieland Road, Highway 71B and Highway 265. The project includes 20 bridges and numerous retaining walls. The bypass bridges over a railroad crossing and over one stream crossing. Sequence of construction includes constructing the Springdale Bypass under the existing I-45 mainlanes while maintaining traffic at all times on the interstate. Includes rerouting a portion of the Razorback Greenway Trail Shared Use Path. Updated the previously approved IJR for the latest project conditions.			
03/17-12/25	ARDOT, Highway 22 (I-40 PS&E), Crawford and Sebastian Counties, Arkansas. Project manager for the 13.56-mile new location four-lane freeway. The project consists of four ARDOT jobs and a full-service rest area. Managing the Title II construction phase services for one of the four projects. Assumed the role of project manager when the design for one job was 100% complete, and the design for the other jobs was 60% complete. There are 20 bridges on the project, including a fully directional interchange at I-40 with six direct-connector bridges. The length of the bridge over the Arkansas River is 5,232 feet. There are 13 overpass bridges.			
05/23-05/24	TxDOT El Paso District, I-10 Safety Rest Area PS&E, Hudspeth County, Texas. Project manager for a new location safety rest area PS&E project. Included four new entrance and exit ramps, car and truck roads, parking lots, two bridge class culverts, two detention ponds and storm sewer. Extensive coordination was performed with the architect who designed the rest area facilities buildings. The total project length was approximately 2.8 miles.			
10/22-05/24	TxDOT Bryan District, FM 1179 PS&E Easterling Road to FM 158, Brazos County, Texas. Project manager for widening an existing two-lane rural highway to a five-lane urban curb and gutter section. Included three roundabout intersections, traffic signals, retaining walls and storm sewer. The total project length was approximately 3.6 miles.			
10/22-05/24	ARDOT, Safety Studies for Rural Intersections, Districts 3, 6 and 7, Arkansas. Project manager for the master contract and deputy project manager for this first task order to screen 300 rural intersections and develop low-cost counter measures for 75 intersections. The design team developed PS&E construction plans for the 75 intersections.			



Lesley Vance "Van" Short, PE, PMP, PTOE, RSP1

06/22-05/24	ARDOT, Pavement Preservation PS&E Projects, Various Locations, Arkansas. Deputy project manager for nine PS&E pavement preservation projects which included upgraded guardrail, bridge deck repair and overlays.
10/20-10/21	TxDOT El Paso District, SH 20/FM 1281 Safety Improvement Project, El Paso County, Texas. Project manager for this 18.1-mile safety project to add raised concrete medians, illumination, concrete barrier, sidewalks, pedestrian signals and pavement marking.
07/18-05/24	TxDOT Bryan District, FM 60 University Drive Feasibility Study, Brazos County, Texas. Project manager for this feasibility study to develop feasible alternatives to address future traffic congestion for FM 60 adjacent to Texas A&M University. Considered alternatives included a depressed roadway concept and bicycle/pedestrian crossings under and over FM 60. Since this portion of FM 60 is located between Texas A&M University and Northgate Shopping District, innovative concepts were developed to address the interests of these unique stakeholders. The total project length was approximately 1 mile. Since 2018, the Bryan District has continuously utilized work authorizations to perform various studies and alternatives renderings.
02/20-04/21	Williamson County, Ronald Reagan Boulevard Corridor D Schematic, Williamson County, Texas. Deputy project manager for this new location, 11-mile freeway with frontage roads and two full directional interchanges, one at I-35 and another at SH 95. The project included one railroad crossing and several stream crossings. Interim and ultimate roadway configurations were studied, along with interfacing with the County's long range transportation roadways intersecting the project.
01/16-04/17	TxDOT Austin, Mobility35 I-35 GEC, Austin, Texas. Engineering technical lead for this GEC contract. Also served as the project coordinator for three PS&E projects.
12/13-10/14	TxDOT El Paso District, I-10/LP 375/BWE Collector/Distributor (C/D) Lanes (GO 10) PS&E, El Paso, Texas. Project manager for this 6-mile section of I-10 to upgrade and widen portions of I-10 and add C/D lanes with a construction cost of \$163 million. Identified refinements in the schematic that saved enough construction cost for TxDOT El Paso District to remain within the budget. The project included seven bridge widenings, two direct connectors and 16 new bridges. The construction plans were completed in 10 months.
08/12-08/13	TxDOT Austin, I-35 (Travis County Implementation Plan), Austin, Texas. Roadway task manager for Segments 5 and 6 from MLK Boulevard to Woodward Street in the vicinity of downtown Austin and provided direct oversight of the development of concepts and alternatives. Provided direct daily management and coordination for developing mobility improvements within the corridor including an additional thru-lane in each direction (possible general purpose, express or managed); interchange modifications; frontage road and ramp enhancements; bike and pedestrian accommodations; and multimodal features and facilities.
07/08-09/09	TxDOT Austin, 290E Tolled Interchange at US 290 and US 183, Austin, Texas. Project manager for this PS&E project to construct four tolled direct connector bridges over an existing interchange in accordance to TxDOT standards with a construction cost of approximately \$80 million. Construction costs were reduced by utilizing existing bridge column foundations that were originally designed for one-lane direct connectors, modifying them to support proposed bridge columns for two-lane direct connectors. Bridge spans were of continuous steel I-girders and prestressed concrete beams. Structural components adhered to the structural aesthetics guidelines of the overall Manor Expressway for context-sensitive design. A 10-foot shared use path for bicycles and pedestrians was included and connected to an adjacent project. The design included coordination with toll facility designers to integrate two toll plazas designed by others into the roadway design and construction plans.

16. Staff Experience

Firm employed by: **HNTB**

Name	Edwin Crooks, PE	Years of relevant experience with this employer	6
Title	Senior Managing Advisory Director	Years of relevant experience with other employer(s)	39
Degree(s) / Years / Specialization	MBA / 1994 / Finance and International Business		
Active registration number / state / expiration date	PE: #72609 / TX / 06-30-2026		
Year registered	1992	Discipline	Civil
Contract role(s) / brief description of responsibilities	Advisory Services Task Lead		
Ed is an infrastructure finance and project development professional with extensive experience in P3, with expertise in developing infrastructure investment opportunities, project and corporate finance, and P3 project communication strategies. His sector experience includes highways, water/wastewater, rail/transit, airports, and social infrastructure. He has a broad professional network in the US infrastructure market and brings an analytical perspective with solid communication skills.			
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).		
1/21-10/22	LADOTD, IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services, Statewide, Louisiana. Led HNTB's provision of executive owner's representative services to LADOTD across a range of initiatives, including compiling industry best practices for how state DOTs and other public agencies have organized and managed their offices of innovative delivery; developing an approach and strategy for improving LADOTD's access to federal grant funding, which included assisting in preparing the successful grant application for \$25 million funding for new ferries; and evaluating LADOTD's data management and data resources, and developing recommendations to help strengthen the department's approach to its use of data.		
6/20-Ongoing	GDOT, Major Mobility Investment Program, Statewide, Georgia. Commercial advisor who supported HNTB's strategic advisory efforts with GDOT. For this large program of alternative and conventional delivery projects, the team supports a wide range of activities, including procurement strategy and implementation, market engagement, communications, and commercial structuring. In 2024 the team supported GDOT in making the largest P3 highway project award in US history for the SR 400 Express Lanes project, which involved a \$4.7 billion construction effort and an upfront payment to the state of \$3.8 billion. The project reached financial close in 2025 and is now in the delivery phase.		
6/20-7/21	SANDAG, Executive Owner's Representative San Diego, California. Commercial advisor who supported HNTB's strategic advisory efforts in an on-call P3 advisory role related to SANDAG's Old Town Campus revitalization project. The project involved multiple public stakeholders, considered a variety of delivery models and heavily depends on real estate value capture. Led the team in different commercial structuring and market outreach initiatives.		
04/17-08/18	VDOT, 95 Express Lanes, Fredericksburg Extension, Stafford County, Virginia. Led negotiations with VDOT in completing this \$500 million extension to the I-95 tolled managed lanes project. The project involved unique elements, including the buyout of the existing profit-sharing scheme, yielding a \$230 million upfront payment to the Commonwealth.		
03/15-08/16	California High-Speed Rail Authority, Rail Delivery Partner Procurement, Statewide, California. Lead advisor to the Authority as they re-structured and procured their primary program management contract. This involved extensive market sounding before and during the procurement process to introduce innovative risk sharing measures into this \$700 million services contract.		





16. Staff Experience

Firm employed by: **HNTB**

Name	Kate Trimble	Years of relevant experience with this employer	8
Title	Senior Advisory Associate	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	MBA / 2017 / Finance BA / 2016 / Business Administration		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Policy, Feasibility and Financial Evaluations		
Kate is a seasoned transportation finance leader with eight years of experience guiding public sector clients through complex infrastructure initiatives with strategic financial insight. As a Senior Associate in HNTB's Advisory practice, she specializes in executive owner's representative consulting, with a proven track record supporting infrastructure projects and programs across the US. Kate brings deep expertise in financial modeling, long-range budgeting, governmental accounting, and debt management. She has led the development of financial feasibility analyses, managed multi-million-dollar operating and capital budgets, and supported complex project financings, including revenue bond transactions and the Transportation Infrastructure Finance and Innovation Act (TIFIA) credit assistance.			
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).		
01/23-03/23	LADOTD, I-10 Calcasieu River Bridge, Baton Rouge, Louisiana. Project finance task lead who collaborated with LADOTD's third party financial advisors and supported the development of an IFP in accordance with FHWA Major Project requirements.		
08/23-10/23	Michigan DOT, I-94 Modernization, Lansing, Michigan. Project finance task lead who developed a financial model to conduct the financial feasibility and capacity analysis for various delivery scenarios.		
07/17-07/17	New Hampshire Department of Transportation (NHDOT), Dover and Portsmouth Bus Terminals, Concord, New Hampshire. Project finance task lead who conducted a financial statement analysis and prepared a summary report on key financial metrics.		
12/22-Ongoing	NCDOT, Strategic Services, Raleigh, North Carolina. Collaborated with the financial lead to support a commercial terms review and develop a contract compliance tracking tool for the I-77 North Express Lanes project. Facilitated the development of delivery options analyses for high-profile projects including the I-77 South Express Lanes, Mid-Currituck Bridge, and Cape Fear Memorial Bridge.		
09/22-Ongoing	Port of Hood River, Hood River Bridge Replacement, Hood River, Oregon. Collaborated with task lead to develop a model and conduct financial capacity analyses. Provide advisory services and support the preparation of application packages for TIFIA credit assistance and USDOT discretionary grants.		
07/22-12/22	Michigan DOT, Tolling Study, Lansing, Michigan. Collaborated with task lead to develop and analyze financial feasibility, delivery options, and an implementation approach of projects for Michigan DOT's Tolling Study.		



16. Staff Experience

Firm employed by:



Name	Ashton Williams	Years of relevant experience with this employer	4
Title	National Practice Manager, Associate Vice President	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization	BA / 2006 / International Relations		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Policy, Feasibility and Financial Evaluations		
Ashton is focused on providing strategic and commercial support for major infrastructure and mobility projects to public owner organizations. He has accumulated almost 20 years of professional experience working for and advising leading transportation and mobility companies specialized in infrastructure operations, highway management, P3s, road charging solutions and services, and mobility payments. Ashton is accomplished in developing operational and financial forecasts, structuring and shaping development projects and transactions, and leading proposals for complex infrastructure and mobility projects.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/23-Ongoing	TDOT, Choice Lane Program, Statewide Tennessee. Advisor who leads the P3 development workstream for TDOT's first project. Leading financial feasibility and market sounding efforts, managing the third-party traffic and revenue consultant, developing a procurement schedule and risk matrix, and collaborating with the financial and legal advisor on the project's key commercial terms and risk allocation.		
01/23-Ongoing	NCDOT, Multiple Projects, Raleigh, North Carolina. Leads a review of the commercial terms of the I-77 North Express Lanes project and advising NCDOT on contract discussions with the private developer. He has been providing support to NCDOT's senior leadership on delivery option analysis (toll, non-toll and public, and private financing and delivery) for several priority projects including analyzing different commercial structures and funding alternatives such as federal grants. Advised NCDOT on several different proposals that they have received on the I-77 Express Lane corridor.		
12/22-12/23	GDOT, MMIP Strategic Program PMC, Raleigh, North Carolina. Provided support to GDOT's senior leadership on key commercial and strategic issues related to contract and procurement structure for the I-285 East Express Lanes project.		
12/22-10/23	Oklahoma DOT, Oklahoma Fair Miles Program, Oklahoma City, Oklahoma. Led the development and drafting of the policy framework document for Oklahoma's Fair Miles program. The policy framework document provided an overview of Road Usage Charging (RUC) programs across the US, examined Oklahoma's RUC goals and objectives, examined different funding and pricing strategies, and analyzed key pilot considerations.		
09/22-Ongoing	Port of Hood River, Hood River Bridge Replacement, Hood River, Oregon. Collaborated with task lead to develop a model and conduct financial capacity analyses. Provide advisory services and support the preparation of application packages for TIFIA credit assistance and USDOT discretionary grants.		



16. Staff Experience

Firm employed by: **HNTB**

Name	Helen Landi		Years of relevant experience with this employer	3
Title	Senior Associate - Advisory		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		BS / 1984 / Early Childhood Education		
Active registration number / state / expiration date		N/A		
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities		Policy, Feasibility and Financial Evaluations		
Helen is a senior associate in HNTB’s national advisory practice, providing representative consulting services to public sector agencies seeking to deliver major infrastructure programs. She provides policy and strategic to public owner organizations and is experienced in legislative and agency process management. She has experience in developing administrative code, board policy and procedures, and creating pathways to link legislation and/or code to agency operations. She has served as the point on audits and compliance reviews coordinating the workflow between the agency and the audit team.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/23-Ongoing	TDOT, Tennessee Statewide Congestion Transportation Modernization Board, Nashville, Tennessee. Working the TDOT Office of General Counsel to develop bylaws, policies, and procedures for the newly created Transportation Modernization Board. Research included Tennessee Ethics, Open Meeting and Transportation statutes, 2023 new or updated legislation, and comparative analysis across other states. Development included multiple rounds of drafts and confirmation that the language was consistent with Tennessee law and the goals of the client.			
10/23-Ongoing	NCDOT, Strategic Services, Raleigh, North Carolina. Working with the NCDOT to prepare for the legislatively mandated Periodic Review of Rules. This is a multi-year project that will ultimately include the evaluation of over 650 administrative rules and their following re-adoption or repeal. Supports the agency on process compliance with is set out in the NC Administrative Procedure Act, organization of public notice and comment, amending rule language, fiscal notes and meetings with the Rules Review Commission. Working with Advisory and agency staff to update the P3 policies and incorporate statutory changes to ensure Board of Transportation approval. Also working with the agency staff and other contractors to develop and implement an updated strategic plan. Researches regulations, statutes, and polices that are applicable to agency decision-making and operations.			
01/11-03/23	NCDOT, Raleigh, North Carolina. Liaison for the Offices of the Chief Operating Officer and the Office of the General Counsel and Interagency Director/Governance Deputy Director/Rule-Making Coordinator. Ensured open communication across leadership by providing standardization, accessibility, disposition, coordination, and currency to the documents that govern how the Department carries out its operations. Served as point on statutorily required performance audits by assigning teams, directing activities, ensuring communication and coordinating reviews and responses. Served on various committees/task forces including Financial Planning Committee, Human Resources Work Force Committee, Legislative Review Committee, and Industry Committee.			
01/15-10/21	NCDOT, Legislatively Mandated Review and Re-adoption of Agency Administrative Code, Raleigh, North Carolina. Interagency director/project lead who worked across the Agency to review and either repeal or readopt Title 19A NCAC Transportation of the NC Administrative Code. When necessary, oversaw technical updates and fiscal impacts statements. During the project, over 700 rules were reviewed, and all mandated deadlines were met.			





16. Staff Experience

Firm employed by: **HNTB**

Name	Jim Ray	Years of relevant experience with this employer	6
Title	Corporate President	Years of relevant experience with other employer(s)	23
Degree(s) / Years / Specialization	JD / 2001 / Law BA / 1996		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Strategic Advisory		
During his more than 29-year career, Jim has served as a senior advisor for infrastructure to the US Secretary of Transportation, acting administrator for FHWA and Deputy General Counsel for the White House Office of Management and Budget. He has an extensive understanding of the legal, policy and business frameworks critical to innovative project delivery, emerging intelligent transportation solutions, disruptive technologies and trends, data transformation and infrastructure policy. Jim also was a partner with a multinational infrastructure and finance consulting firm in Washington, D.C. In that role, he led teams to evaluate and deliver large-scale projects through innovative delivery and founded the firm's infrastructure strategy business.			
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).		
01/20-Ongoing	LADOTD, IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services, Statewide, Louisiana. Strategic advisor to senior leadership providing guidance on federal position on policy and funding opportunities. Working with LADOTD to review data resources and governance frameworks to develop recommendations on data resources approach to contracting for analytics support services and deployment of data tools across the organization.		
01/20-Ongoing	SANDAG, Various Projects, San Diego, California. Project executive for a multi-billion dollar project involving potential rebuild of the NAVWAR/NIWC facility, design, construction and operation of a central mobility hub, airport connector and a high-density mixed-use real estate development. Providing strategic advice across various workstreams in collaboration with other stakeholders and advisors.		
01/20-Ongoing	GDOT, Various Projects, Atlanta, Georgia. Project executive working with GDOT leadership, identifying and analyzing core issues and priorities across the program and with specific projects. Applies his industry knowledge and trends to specific GDOT situations as well as advises on federal and state political considerations. Ensures appropriate resources from HNTB are made available.		
01/20-Ongoing	NCDOT, I-77 HOT Lanes, Charlotte, North Carolina. Lead transaction advisor to NCDOT, where he worked alongside NCDOT executive leadership to provide strategic advice and help direct advisors across workstreams. Managed the legal, financial, and technical advisory teams that provided financial analysis, risk evaluation, commercial structuring and procurement and market outreach support. Worked at the local, state and federal level to address lender concerns, build political support, and drive a favorable outcome in obtaining TIFIA and private activity bond (PAB) financing and reach financial close.		
04/06-10/08	FHWA, Various Projects, Washington D.C. Chief counsel, deputy administrator and acting administrator who helped to redesign FHWA's perspective on permissible tolling, its administration of tolling agreements and other regulatory and funding programs. Drafted many of the legal opinions now relied upon by TIFIA and FHWA in reviewing P3s and tolling projects. Provided oversight on "corridors of the future" portion of the secretary's congestion initiative. Drafted legal options relating to hot lane conversion and interstate reconstruction for tolling authorities.		





16. Staff Experience

Firm employed by: **HNTB**

Name	Bobby Lewis, PE		Years of relevant experience with this employer	5
Title	National Practice Consultant		Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization		BA / 1995 / Civil Engineering		
Active registration number / state / expiration date		PE: #026992 / NC / 12-31-2024		
Year registered	2001		Discipline	Civil
Contract role(s) / brief description of responsibilities		Strategic Advisory		
Bobby is an infrastructure consulting executive focused on leveraging his 30 years of public sector transportation service to support state departments of transportation. Prior to HNTB, Bobby was Chief Operating Officer at NCDOT, where he was responsible for overall operations and strategy for the department, managing an 80,000-mile highway network and an annual budget of \$5.8 billion. At NCDOT, he led the effort to secure legislative authority for the state's largest transportation revenue bond authorization totaling \$3 billion and drove several initiatives to streamline the DOT's operations and project development processes. Bobby was instrumental in the Strategic Transportation Initiative Act that prioritized the capital program through a data-driven process.				
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).			
11/20-04/22	LADOTD, IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services, Statewide, Louisiana. Provided strategic and policy advisory services on the data governance along with recommendations on data organization structure.			
02/21-Ongoing	GDOT, MMIP Strategic Program PMC, Atlanta, Georgia. Express lanes strategic lead who provided strategic support for the \$15 billion SR 400/I-285 P3 Express Lane. Provided financial advisory support for two DBF \$1.5 billion I-285/I-20 Interchange projects. Provided financial advisory support for the DBFOM \$1.5 billion I-75 Commercial Vehicles Lanes.			
03/22-Ongoing	TDOT, Alternative Delivery and Financing Review, Statewide, Tennessee. Provides strategic and policy advisory services for program identification improvement to delivery options and revenue opportunities.			
03/22-Ongoing	TDOT, I-24 Southeast, Nashville, Tennessee. Provides strategic and policy advisory services for TDOT's first demand risk \$2 billion P3 Choice Manage Lane project.			
01/22-Ongoing	NCDOT, Comparative Analysis for Toll Projects Statewide, North Carolina. Leading the advisors on comparing the a public sector operated toll project with a privately operated project. Projects under evaluation include: Mid-Currituck Bridge (\$1 billion), Cape Fear Memorial Bridge Replacement (\$500 million) and I-77 South Express Lanes (\$5 billion). Managing the financial, technical and legal advisors through this analysis.			



16. Staff Experience

Firm employed by: **HNTB**

Name	George Riccardo	Years of relevant experience with this employer	3
Title	National Practice Consultant	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization	BS / 2014 / Business Management		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Federal Policy, Funding and Financing		
George is a national practice consultant and vice president in the Advisory practice at HNTB. He leverages his 13 years of public and private experience to advise on how to deliver the country's biggest and most complex infrastructure projects. Throughout his career, George has served as a senior policy advisor to the USDOT Secretary, the director of government affairs for the FRA and a senior congressional affairs officer in the Office of the Secretary at USDOT. His understanding of the USDOT's policies and programs, coupled with his unique perspective at the intersection of project delivery and federal policy, offer an expertise on legislative and regulatory policies at the federal level.			
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).		
12/20-02/23	K&L Gates, Washington, D.C. Transportation lobbyist for a global law firm where he provided strategic, political, and sector-driven guidance to clients, including public and private entities, industry associations, and innovative technology companies, with a focus on transportation and infrastructure. Heavily involved in infrastructure policy development on Capitol Hill, both on behalf of clients and assisting committees and member offices. Responsible for drafting and executing policy strategies on behalf of clients, including successfully placing provisions of interest in the surface transportation reauthorization bills. Led a team of lobbyists focused on transportation and infrastructure.		
04/18-12/20	USDOT, Rural Opportunities to Use Transportation for Economic Success (ROUTES) Initiative Development, Washington, D.C. Senior policy advisor to the secretary (Office of the Secretary) for the FRA, FHWA, Federal Aviation Administration (FAA), Build America Bureau and other matters. Led the secretary's ROUTES initiative to address disparities in rural transportation infrastructure and managed the development of policy proposals and strategy, including efforts to reauthorize surface transportation programs. Director of government affairs (FRA) and senior congressional affairs officer (Office of the Secretary) who advised the secretary, FRA administrator, and other leadership on governmental relations. Managed a legislative portfolio for the Secretary's Office of Governmental Affairs, including the FRA and FHWA, as well as assisting on appropriations. Worked with congressional staff, states, and stakeholders on financing opportunities for surface transportation projects through grant programs, formula funding, and the Build America Bureau. Managed technical assistance requests from Congress to ensure proper coordination with congressional staff, as well as supervised a team of FRA and OST staff. Prepared senior officials, including the secretary and modal administrators, for congressional hearings.		
10/16-04/18	USDOT, Advisory Services, Washington, D.C. Senior government relations manager who developed advocacy strategies and directly engaged legislative and executive branches on behalf of clients, achieving measurable successes, such as the inclusion of appropriation and FAA reauthorization provisions.		





16. Staff Experience

Firm employed by: **HNTB**

Name	Michael Scott Cooper, PE	Years of relevant experience with this employer	10
Title	Vice President/National Practice Consultant	Years of relevant experience with other employer(s)	23
Degree(s) / Years / Specialization	BS / 1992 / Civil Engineering		
Active registration number / state / expiration date	PE: #41402 / LA / 09-30-2025		
Year registered	2017	Discipline	Civil
Contract role(s) / brief description of responsibilities	Tolling Support Services Task Lead		
Scott is a 33-year veteran of civil engineering and public works programs with the last 22 years dedicated to the tolling industry, including assisting LADOTD Toll Operations Division since 2014. His diverse career includes strategic planning, management, engineering, consulting and advisory services for public and private toll roads, highways and bridges for over two dozen toll and transportation authorities across North America. This experience includes legislative support, P3s, budgeting, rating agency presentations and project financing support, construction management, toll technology, operations and maintenance (O&M), program development, efficiency studies, and trust indenture services. Scott has developed multi-billion dollar toll road CIPs, operating budgets, and implementation strategies. He has been responsible for completing toll system upgrades in more than 250 toll lanes along with performing 24/7 maintenance of toll collection equipment which processed toll revenue of over \$500 million a day in Houston. Scott also was responsible for facility O&M of toll plazas throughout the Austin area. He is an active member of the International Bridge Tunnel and Turnpike Association (IBTTA) and routinely participates on technical committees to advance toll industry technology and best practices.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/22-Ongoing	LADOTD, I-10 Atchafalaya Basin Bridge Speed Enforcement, Louisiana. Technical advisor for a safety program monitor vehicle speeds across the Atchafalaya Basin Bridge for approximately 18 miles, including access at LA 3177 and LA 975. The major elements of the project include design, installation, and maintenance of a camera system to be located at entry and exit locations to the bridge used to identify license plates and calculate travel speeds in both directions for all trips across the bridge. Other aspects include design, development, and maintenance of an operations system to manage collected data, generate warning notices and citations, manage document workflow, process payments and support customer service activities. Completed technical provisions, assisted in procurement activities and contractor negotiations. Led the development of the technical documents, business rules and assisted LADOTD with policy requirements to support enabling legislation.		
04/21-Ongoing	LADOTD, Retainer Contract for Trust Indenture Services and Engineering Services for LA 1 Toll Facilities, Leeville, Louisiana. Technical advisor for outsourcing of the existing roadside and back-office toll collection systems and operations to a private contractor. This includes preparing technical specifications for converting the open road and cash collection plaza to an all-electronic toll facility, assessing impacts to future revenues, contractor oversight, review of technical documents for contract compliance, and general toll advisory services.		
04/20-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Technical advisor for completing a traffic and revenue report, tolling concept and capital expenditure (CAPEX) and operational expenditure (OPEX), and financial feasibility study for a long-term private concession DBFOM for the replacement of the I-10 bridge over Calcasieu River with an estimated program cost of nearly \$1 billion. Provided requirements for evaluation and scoring of proposals and developed tolling technical provisions for the P3 RFPs and participated in developer one-on-one meetings.		



Michael Scott Cooper, PE

04/18-04/21	LADOTD, Belle Chasse Toll Bridge P3 Procurement Services, Plaquemines Parish, Louisiana. Technical advisor for Louisiana's first toll concession P3 project. Led the development of the technical provisions for tolling on the comprehensive agreement between the state and developer for a new toll bridge and assuming operations and maintenance of the existing LA 1 toll collection system. Participated in numerous workshops, reviewed developer submittal, attended one-on-one meetings with developers, was a member of the negotiating team, reviewed ATCs, and presented review finding to the LADOTD leadership.
06/20-Ongoing	LADOTD, IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services, Statewide, Louisiana. Technical advisor for the P3 contract that required the development of an innovative, turnkey occupancy registration and verification system for I-12 Managed Lanes, to manage high occupancy vehicle (HOV) use and performance of operation and maintenance, including public outreach activities and enforcement. Completed technical provisions and assisted in procurement activities and developer one-on-one meetings. LADOTD elected to cancel the P3 procurement and re-advertise selecting a vendor to provide, install and manage the HOV technology. Led the development of the technical documents, business rules, and assisted with policy requirements to support enabling legislation.
12/18-Ongoing	Indiana Finance Authority (IFA), Ohio River Bridges Toll Services Advisor, Louisville, Kentucky and Southern Indiana. Toll services advisor who is responsible for supporting the review and development of procurement documents to replace the existing customer service operations and back office systems and related technical and performance requirements.
09/20-Ongoing	Kansas Department of Transportation (KDOT), US 69 Express Lanes, Overland Park, Kansas. Technical advisor for this first express lane project in the State, first toll project led by KDOT and one of the first three alternative delivery projects in the state. In partnership with KDOT, the Kansas Turnpike Authority (KTA) and the City of Overland Park, HNTB is leading a DB procurement for widening US 69 to six lanes and modifying interchanges connecting US 69 to the local street network. Led the traffic and revenue forecasting and financial feasibility study and is leading the development of all tolling system technical requirements for the operations of the express lanes. This included developing DB technical provisions and roadside toll collection system specifications along with establishing the tolling policy and tolling services agreements between KDOT and KTA.
06/16-Ongoing	TxDOT, Grand Parkway Toll Road (SH 99) GEC, Houston, Texas. Senior advisor who is supporting annual asset inspections and trust indenture reporting documents, identifying O&M and capital budgets. The current toll road is 54 miles in length generating over \$200 million in annual revenues with \$4.5 billion in outstanding debt. Supported the preparation of the Engineer's report for Segments H&I bond sale of \$1.8 billion for adding 52 miles currently under construction.
03/09-Ongoing	Harris County Toll Road Authority (HCTRA), Tolling Advisory Services, Houston, Texas. Technical advisor who assists HCTRA with strategic planning services that include toll system modernization planning, conversion to AET feasibility assessment, future operations impact analysis, recommending toll system upgrades and enhancements, prioritizing projects and resource planning, plaza safety improvements, and preparation of capital and operating budgets.
08/21-Ongoing	GDOT, MMIP Strategic Program PMC, Statewide, Georgia. Technical advisor responsible for the development and procurement of projects to be delivered under the P3 program for GDOT's Office of Innovative Delivery. Express lanes projects are planned to be delivered using DBFOM under which the private sector will collect toll revenues and will be responsible for maintenance and roadway operations. Responsibilities include coordinating with legal and financial advisors to ensure technical provisions are consistent with the agreement and developing technical/commercial provisions consistent with the DBFOM project. Responsible for the establishment of a toll services agreement with GDOT, State Road Toll Authority and the developer for optimum long-term toll collection and operations of a commercial and operational back office toll system that is interoperable with other regional and national toll entities.
03/18-01/19	Greater New Orleans Expressway Commission (GNOEC), Strategic Planning and Engineering Services, New Orleans, Louisiana. Technical advisor assisting the GNOEC with identifying future improvements, maintenance preservation and modernization needs for the Lake Pontchartrain Causeway toll bridge. This included a review of automated violation system options, analysis, and recommendations of the non-revenue traffic options, hazard warning lights/call box system options, weather-related fog operations, and provided interoperability options for the agency at the state, regional and national levels.

16. Staff Experience

Firm employed by: **HNTB**

Name	Steven DeBella	Years of relevant experience with this employer	20
Title	Toll Technology Senior Consultant	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization	BS / 1987 / Hotel Management		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Toll Policy and Technology		
Steven is an electronic toll collection system advisor and IT expert with more than 30 years of experience in the toll collection industry working on projects in Louisiana, Texas, California, Florida, New Hampshire, New Jersey, New York, Maryland, Oklahoma and Pennsylvania. His current responsibilities for the LADOTD include project management, detailed performance analysis of toll system functionality, review of system business rules, validation of test results and system reconciliation process. Steven also provides recommendations and solutions pertaining to system performance issues.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
07/17-06/22	LADOTD, Retainer Contract for Trust Indenture Services and Engineering Services for LA 1 Toll Facilities, Leeville, Louisiana. Program senior advisor who provided toll collection and accounting systems operation and maintenance services, project management, detailed performance analysis of toll system functionality, review of system business rules, validation of test results and system reconciliation process. Provided recommendations and solutions pertaining to system performance issues and also provides capital cost estimates for new toll systems.		
07/22-Ongoing	LADOTD, Statewide Tolling Consultant Services, Statewide, Louisiana. Technology specialist who provides project management, detailed performance analysis of toll system functionality, system business rules review, installation oversight, test results validation review, and system reconciliation process. Provides quarterly lane system audits to support the legislative audit process. Offers recommendations and solutions for system performance issues and capital cost estimates for new toll systems. Supports the LA 1 Toll Facilities and Belle Chasse Toll Bridge P3 procurement services. Leads additional activities regarding toll system procurements and assessments.		
01/09-10/20	North Texas Toll Authority (NTTA), GEC and PMC, Plano, Texas. Electronic tolls system advisor who developed inspection checklists, test plans, and NTTA's Comprehensive Lane Maintenance and Service Plan. Responsibilities included verifying the installation of lanes converted to all electronic tolling (transponder and image-based tolling-no cash) and analyzing the performance of existing lanes to recommend immediate corrective and preventative maintenance activities. Performed multiple lane systems assessments on the current system. Performed lane assessments on the automatic vehicle classification, automatic vehicle identification, and image capture subsystems.		
12/10-06/17	LADOTD, Trust Indenture Services and Engineering Services for LA 1 and Crescent City Connection Toll Facility, Louisiana. Program senior advisor who provided toll collection and accounting systems operation and maintenance services, project management, detailed performance analysis of toll system functionality, review of system business rules, validation of test results and system reconciliation process. Provided recommendations and solutions pertaining to system performance issues and also provides capital cost estimates for new toll systems.		





Steven DeBella

10/18-Ongoing	IFA, Ohio River Bridges Toll Services Advisor, Louisville, Kentucky and Southern Indiana. Toll system SME who performs system audits on the current system, including the automated vehicle identification, automatic vehicle classification and detection, and image capture lane subsystems. The scope also included a detailed analysis of system VTolls and supported the development of a system assessment report and operational improvements. Provides installation oversight and testing validation on the new system implementation.
05/06-05/19	Oklahoma Transit Authority (OTA), Electronic Tolls Systems Advisor, Oklahoma City, Oklahoma. Electronic tolls system advisor who investigated production issues with the current toll integrator and provided solutions to the OTA. Analyzed all lane and subsystems and debugged and tested new installations on the Turnpike system. Played a key role in tuning all automatic vehicle identification toll lanes, which increased system accuracy to an all-time high. Developed a testing methodology, plans, and procedures for the current system and potential system equipment upgrades. Recommended upgrades to current systems and developed a RRP for a new violation enforcement system, including the optical character recognition application.
04/18-Ongoing	TxDOT, General Engineering Services for Toll System Planning, Design, and Oversight, Houston, Texas. Toll system manager who provides oversight of the toll system installation, testing, and integration of the roadside toll system for the 15-mile extension of SH 249 toll road. Responsibilities include installation inspection oversight, verification, and documentation of adherence to requirements in each toll lane at the Host location and the Customer Service Center (CSC) before System Acceptance. Provides oversight of the full integration of the roadside system with the CSC.
07/17-06/21	San Bernardino County Transportation Authority, I-10 Express Lanes, San Bernardino, California. Roadside toll technology SME who provided oversight of the design of the 10-mile express lane project. Responsibilities included reviewing design submittals and technical requirements by the Toll System Integrator (TSI) and the DB contractor. Reviewed the civil site checklist used by the TSI to inspect the DB contractor's work.
06/11-05/18	Central Texas Regional Mobility Authority (CTRMA), Toll System Integrator, Statewide, Texas. Task force lead who provided oversight on system requirements and business rules, detailed performance analysis of toll system functionality, reviewed system business rules, validated test results, and system reconciliation process. Provided recommendations and solutions for system performance issues and capital cost estimates for toll systems.
06/16-05/21	Alameda County Transportation Commission (ACTC), Toll Program Support, System Manager, Alameda County, California. Toll system SME who provided oversight on system requirements and business rules, detailed performance analysis of toll system functionality, reviewed system business rules, validated test results, and system reconciliation process. Provided recommendations and solutions for system performance issues and capital cost estimates for toll systems.

16. Staff Experience

Firm employed by: **HNTB**

Name	Mark Hoffa	Years of relevant experience with this employer	18
Title	Toll Consultant	Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization	BE / 1990 / Electrical Engineering		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Toll Policy and Technology		
Mark has 34 years of experience providing tolling support services, including planning, design, development, and project management services, in the transportation industry with a special emphasis on toll systems implementation, operations and maintenance. His background focuses on tolling CSCs, back-offices, and AET facilities (including managed lanes). He offers a unique perspective since he has served as both a consultant for numerous toll authorities as well as a systems provider/integrator.			
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).		
07/17-06/22	LADOTD, Retainer Contract for Trust Indenture Services and Engineering Services for LA 1 Toll Facilities, Leeville, Louisiana. Toll advisor supporting the outsourcing of the existing roadside and back-office toll collection systems and operations to a private contractor. This includes converting the open road and cash collection plaza to an AET facility, assessing impacts to future revenues, contractor oversight, review of technical documents for contract compliance, and general toll advisory services.		
06/20-Ongoing	LADOTD, IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services, Statewide, Louisiana. Tolling advisor who supported the development of the technical documents, and business rules and assisted LADOTD with policy requirements to support enabling legislation. Phase 1 of the I-12 Managed Lane Conversion P3 project includes converting the existing inside shoulders of I-12 east and west to HOV lanes for approximately 16 miles beginning at the I-10/I-12 split in East Baton Rouge Parish and continues to a point east of the I-12/LA 447 interchange. The P3 contract required the development of an innovative, turnkey occupancy registration and verification system to manage HOV use and performance of O&M, including public outreach activities and enforcement. Completed the technical provisions and assisted in procurement activities. LADOTD elected to cancel the P3 procurement and re-advertise selecting a vendor to provide, install and manage the HOV technology.		
03/15-10/17	LADOTD, Baton Rouge Urban Mobility Plan (BUMP) Toll Project, Baton Rouge, Louisiana. Tolling advisor who was responsible for supporting the tolling and financial components of a feasibility assessment for an unsolicited P3 project proposal. HNTB assisted the LADOTD in the review of an unsolicited P3 proposal to evaluate the technical engineering aspects, toll revenue potential and financial feasibility.		
04/18-04/21	LADOTD, Belle Chasse Toll Bridge P3 Procurement Services, Plaquemines Parish, Louisiana. Tolling advisor for Louisiana's first toll concession P3 project. Supported the development of the technical provisions for tolling on the comprehensive agreement between the state and developer for a new toll bridge and assuming operations and maintenance of the existing LA 1 toll collection system. Participated in numerous workshops, and reviewed proposer submittals.		





Mark Hoffa

04/20-Ongoing	WisDOT, Interstate Tolling Study Phase 2, Statewide, Wisconsin. Tolling task lead who is responsible for developing a concept of operations and related cost estimates for Wisconsin to explore tolling various bridges and corridors on WisDOT's interstate highway system. Involved in the phase 1 of the study developing general tolling resource documents, tolling presentations and cost estimates for Wisconsin to explore tolling their interstate highways.
04/18-07/18	Indiana Department of Transportation (INDOT), Interstate Tolling Strategic Plan, Statewide, Indiana. Tolling task lead who was responsible for developing a concept of operations and related cost estimates for Indiana to explore tolling their interstate highways.
12/18-Ongoing	IFA, Ohio River Bridges Toll Services Advisor, Louisville, Kentucky/Southern Indiana. Senior tolling consultant who is responsible for leading the audit of the existing toll systems, leading the development of a related risk assessment and supporting on-going operations and system changes. Responsible for supporting the development of procurement documents to replace the existing customer service operations and back office systems, specially leading the development of related technical requirements.
04/15-06/18	CTRMA, MoPac Express Lanes Project, Austin, Texas. Tolling task lead who was responsible for supporting the development of policies, procedures, and processes and for overseeing the system design, implementation and testing of the mobility authority's managed lanes toll systems.
08/12-04/15	TxDOT, Procurement Engineering Service, Austin, Texas. Tolling task lead who was responsible for providing cost estimates, developing procurement documents (including technical provisions), bidding instructions and contract provisions, and managing procurement processes for TxDOT's Strategic Projects Division in support of their efforts to procure new toll facilities, managed lanes, and expanding operations throughout the State.
08/11-08/12	TxDOT, SH 130 Segments 5 and 6 Concession Project Toll System Implementation/Integration and Operations, Austin, Texas. Tolling task lead who was responsible for providing project management and toll consulting services for the development of tolling business rules, toll system requirements and toll operations requirements for the Toll Operations Division of TxDOT. The \$1.3 billion project's primary goal was to support TxDOT efforts to establish TxTag CSC as the service provider for a toll road concessionaire.

16. Staff Experience

Firm employed by: **HNTB**

Name	Denise Hanby		Years of relevant experience with this employer	2
Title	Project Controls Director		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		BS / 1985 / Computer Science		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Project Controls		
Denise brings extensive experience in managing, administering, and overseeing financial controls for several multi-billion-dollar project management/construction management (PM/CM) programs. She has more than 30 years of diversified experience in program management, financial controls, and alternative delivery on some of the nation's largest infrastructure programs, with a deep understanding of the needs of large transportation clients. Her experience includes delivery of strategic program plans; complex procurement and contracting strategies; financial and progress reporting; design and construction schedules and budgets; data analysis; QC programs; and affirmative action compliance. Denise has served in a wide range of program and project controls roles on major capital and construction programs, including assignments for GDOT MMIP, LADOTD TIMED Program, BART, and the California High Speed Rail Program.				
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).			
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Commercial director for the P3 project to design and construct improvements to I-10 between I-10/I-210 west interchange and North Lakeshore/Ryan Street interchange. The 5.5-mile corridor will include widening and/or replacement of interstate roadways, ramps and service roads and full replacement of the I-10 Bridge over the Calcasieu River. Currently providing owner-side oversight of P3 project delivery, compliance with concession agreement, technical provisions, and applicable statutes. Commercial oversight of developer performance across design, construction, and administrative activities to confirm alignment with contractual obligations and public-sector objectives. Prepares and updates the IFP and supports documentation to align funding strategy, delivery approach, and owner requirements for P3 program governance as well as ongoing updates of the PMP. Managing contract compliance review processes to confirm submittals satisfy contract requirements.			
07/15-05/16 07/19-06/21	LADOTD, I-49 Connector Project and Road Transfer Program and I-10 CMAR (Phase I), Lafayette Parish, Louisiana. Program controls manager who managed a transportation expansion project. Responsible for project planning and scheduling, cost estimating and monitoring, and quality review. Established operating policies to mitigate risk. Provided guidance and consultation for project task managers. Asset management and Financial Plan for FHWA Major Project Requirements. Tracking projects to repair state routes for transfer and projects using road transfer credit as well as providing monthly reports on agreement, transfer, and project status. Provided program management/construction management services as part of the CMAR project. Developed IFPs, including cost estimates, funding strategies, and cash-flow projections, to support program setup and early decision-making.			
02/20-06/21	LADOTD, I-10 and I-12 College Flyover Ramp DB, Baton Rouge, Louisiana. Program controls director who provided project controls management and processes for the DB team.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Grant McCurdy, PMP		Years of relevant experience with this employer	2
Title	Project Controls Director		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		MBA / 2019 / Business Administration and Management BS / 2011 / Construction Management		
Active registration number / state / expiration date		PMP: N/A / N/A / 12-23-2026		
Year registered	2010	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Project Controls		
Grant brings over 17 years of progressive project management, controls experience, and personnel management, with the skills and knowledge to direct large complex industrial and infrastructure projects and assure overall project health. His ability to provide analysis and project controls yields impactful project pivots and commercial outcomes. Grant approaches each project in a way that ensures the safety of personnel and the environment; provides appropriate controls shaped on risk, complexity, and strategic influence; and remains adaptable to the changing project environments.				
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).			
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Project controls director who developed and implemented policies and procedures for schedule, risk, document control and change management to establish project control frameworks. Led a team encompassing scheduling, document control, information systems, and risk management, verifying alignment with project goals and client expectations. Directed the development and delivery of weekly, monthly, and ad hoc performance reports, providing critical insights to client stakeholders and project leadership. Oversaw the preparation, analysis, and maintenance of project schedules, including baseline development, progress updates, and scenario-based specialty schedules. Provided oversight of contractor submittals and deliverables, verifying compliance with contractual obligations, technical requirements, and quality assurance standards. Performed in-depth reviews of contractor outputs as part of the OV function, validating adherence to scope, schedule, and performance benchmarks. Advised the DB team on schedule management strategies, progress tracking methodologies, and effective documentation practices to drive project execution. Established oversight of contractor quality management reporting and non-compliance tracking to uphold technical standards and mitigate recurring issues. Managed commercial performance issues including delay claims and compensation events; implemented compliance checklists to validate contractual adherence.			
05/21-01/24	Granite Construction, Major Capital Projects of North America, Baton Rouge, Louisiana. Operational auditor/senior manager who developed and executed comprehensive audit programs targeting SOX compliance, internal controls, and adherence to project best practices. Designed cost and schedule analysis tools to proactively identify organizational risks, process inefficiencies, and performance gaps. Authored and communicated detailed audit findings and recommendations, driving corrective actions and enhanced risk mitigation strategies across business units. Served as a SME in project management and controls, providing strategic input to operational policy development and process optimization through in-depth project reviews. Directed cross-functional audit teams, assigning responsibilities and overseeing operational audits to ensure quality, consistency, and timely delivery. Mentored and developed audit staff through coaching, evaluations, and training to support departmental growth and continuous improvement. Conducted high-sensitivity investigations involving confidential and critical organizational issues, maintaining integrity and discretion throughout. Assessed the alignment and effectiveness of practices in supporting organizational objectives, compliance, and performance goals. Advised C-suite and executive leadership on risk exposure, compliance gaps, and recommendations to enhance governance, delivery, and conformance.			



16. Staff Experience

Firm employed by:



Name	Brittany Winston		Years of relevant experience with this employer	10
Title	Graphic Designer		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			BA / 2012 / Graphic Design	
Active registration number / state / expiration date			N/A	
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities			Graphic Design and Materials	
Brittany is a graphic designer who brings 13 years of experience focusing on graphic design support for overall communication and outreach engagement including visual identity, materials, presentations, social media, and digital media.				
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).			
06/18-Ongoing	Louisiana Office of Community Development (OCD), Louisiana Watershed Initiative (LWI), Various Locations, Louisiana. Graphic designer who establishes brand standards for the LWI. Serves on the team which leads outreach and engagement for LWI, overseeing all communication efforts. Initial branding related efforts included social graphics, flyers, mapping, templates, and presentations.			
03/17-Ongoing	OCD, Restore Louisiana Homeowner Assistance Program, Various Locations, Louisiana. Graphic designer who supports design of complex visual brand identity system for clarity across a variety of audiences for the Restore Louisiana Homeowner Assistance Program. Creates supporting materials, such as posters, flyers, social graphics, templates, and presentations for outreach efforts. Oversees brand implementation by multiple contractors and state agency teams and supports development of specific communications both internal to the program and for external audiences.			
07/16-Ongoing	CPRA, Fiscal Year Annual Plans, Various Locations, Louisiana. Graphic designer who designed and developed annual plans for CPRA’s Mississippi River Mid-Basin Sediment Diversions Program for fiscal year 2021, 2022, 2023, 2024, 2025, 2026, and 2027, which focused on providing maximum benefit and sustainability to Louisiana’s rapidly deteriorating coastline. Designed layout and visuals for CPRA’s 2017 Coastal Master Plan, a five-year strategic effort mandated by the state of Louisiana to find sustainable ways to protect and restore the coastal wetlands. Created supporting materials, such as flyers, brochures, social graphics, templates, and presentations to aid CPRA’s outreach and engagement efforts. Designed visuals and layout for CPRA’s Coastal 101 presentation, a bank of slides that is used by CPRA to educate diverse sets of audiences on the history and causes of Louisiana’s land loss crisis and how CPRA is addressing the issue.			
09/18-10/21	The Water Institute of the Gulf, Annual Report, Various Locations, Louisiana. Graphic designer who led the development and design of The Water Institute of the Gulf’s Annual Report, which showcased the agency’s current initiatives and progress over a multi-year period. Served as the graphic design lead, supporting community outreach and engagement through the creation of newsletters, brochures, rack-cards, and flyers. Led the development and management of the institutes’ brand by creating brand logos, event signage, and ensuring consistency across deliverables.			





16. Staff Experience

Firm employed by: **HNTB**

Name	Guy Garrett		Years of relevant experience with this employer	22
Title	Principal Graphic Designer		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		BFA / 1991 / Graphic Design BS / 2011 / Construction Management		
Active registration number / state / expiration date		N/A		
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities		Graphic Design and Materials		
Guy serves as a principal graphic designer for HNTB's Public Involvement group. He brings a diverse background of experience, with over 30 years in advertising, marketing communications, and public relations. Guy's experience emphasizes a comprehensive knowledge of graphic design in directing, coordinating, conceptualizing, and producing print and digital media for top companies and organizations. His project management and communication skills make him an important asset to HNTB and its clients.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/22-Ongoing	LADOTD, GeauxPass, Statewide, Louisiana. Principal graphic designer developing graphics with his team supporting GeauxPass. Deliverables consist of Toll Tag development and public educational materials, signage, strategic planning documentation, public meeting and open house materials, and tolling collateral supporting toll road operations.			
01/22-Ongoing	Ascension Parish, Move Ascension Parish, Ascension Parish, Louisiana. Principal graphic designer who provided graphic design services for the Move Ascension Parish program.			
04/23-Ongoing	NTTA, Project Communications Consultant Services (PCCS), Dallas, Texas. Principal graphic designer for HNTB's PCCS contract with the NTTA. Works closely with Public Affairs on numerous projects, preliminary studies, and proposed roadways. Deliverables include stakeholder and public meeting materials, map development, infographics, campaigns, digital communications, video and animations, report and document design, committee and board meeting presentations, award nominations, and special projects.			
08/22-Ongoing	Dallas Forth Worth International Airport (DFW), PMC, Dallas, Texas. Principal graphic designer for HNTB's PMC with DFW Airport. Works closely with Project Management and the Integrated Operations Center (IOC) team to produce deliverables that include Presentation materials, flyers, infographics, and an IOC brochure depicting the development of DFW's first IOC.			
12/12-11/21	LADOTD, Calcasieu River Bridge, Calcasieu Parish, Louisiana. Principal graphic designer who provided graphic design services for Calcasieu River Bridge.			
10/16-08/17	Port of Plaquemines, Louisiana 23 Port Campaign/Funding Plan, Plaquemines Port, Louisiana. Principal graphic designer who provided graphic design services for the Louisiana 23 Port Campaign/Funding plan.			
12/07-02/08	Lafayette Metro Expressway Commission, Lafayette Metro Xpressway, Lafayette, Louisiana. Principal graphic designer who provided graphic design services for the toll road in Lafayette.			



16. Staff Experience

Firm employed by:



Name	Keesler Morrison		Years of relevant experience with this employer	5
Title	Communicator		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BS / 2020 / Economics		
Active registration number / state / expiration date		N/A		
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities		Public Relations and Communications		
Keesler brings seven years of experience in communications, stakeholder outreach, and engagement. He focuses on communications strategy, messaging, stakeholder outreach and engagement, media relations, and is a liaison between program team and community.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/25-Ongoing	LADOTD, Highway Priority Program, Various Locations, Louisiana. Outreach and engagement project manager responsible for creating deliverables to represent the program and convert dense, complex information into an easy to read and understand format. Leads all content creation and graphic design work associated with the Highway Priority Program’s outreach materials. Develops presentations, one-pagers, and other associated materials for distribution at the Highway Priority Program Roadshow.			
06/24-Ongoing	Lake Pontchartrain Restoration Program, Comprehensive Conservation Management Plan, Various Locations, Louisiana. Leads the overall strategy development and execution of stakeholder outreach and engagement. Outreach and engagement project manager responsible for deliverable development. Leads in-person and virtual meeting preparation and execution to internal and external stakeholders, including logistics planning, coordination, and facilitation.			
01/22-Ongoing	CPRA, Fiscal Year Annual Plans, Various Locations, Louisiana. Outreach and engagement project manager who supports overarching communications strategy for the CPRA annual plans, which inventory projects, present implementation schedules, and identify funding schedules and budgets to provide an update on the state’s efforts to protect and restore its coast and describe the short-term and long-term results that citizens can expect to see as the state progresses toward a sustainable coast. Leads content development through building relationships with project teams, administrative personnel, and executive leadership to understand project information and synthesize its budget, purpose, and status for public audiences. Coordinates community outreach and engagement efforts, including facilitating workshops, public meetings, and other various meeting facilitation needs by giving presentations, fielding questions, and serving as the liaison between the technical program team and community members. Ensures program brand consistency across all communication channels, including presentations, talking points, print deliverables, and digital/social content.			
11/22-05/23	CPRA, 2023 Coastal Master Plan, Various Locations, Louisiana. Outreach and engagement project manager who coordinated a communications strategy to evaluate the state’s natural resources, ongoing risks, and preparations to protect Louisiana’s resources while reducing land loss and flood risk. Supported the development of program messaging and content through building relationships with key stakeholder groups, including project engineers, elected officials, and community representatives. Managed community outreach and engagement efforts, including facilitating workshops, public meetings, and other various meeting needs such as giving presentations, fielding questions, and serving as the liaison between the technical program team and community members. Ensured program brand consistency across all channels, including presentations, talking points, print deliverables, and digital/social content.			





16. Staff Experience

Firm employed by: **HNTB**

Name	Nicole Aldrege		Years of relevant experience with this employer	11
Title	Public Engagement and Communications Manager		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		MS / 2012 / Public Administration BA / 2006 / Public Relations		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Public Relations and Communications		
Nicole has over two decades of public engagement experience, working on communication planning for active construction projects. Having previously worked for federal and state elected officials, Nicole has an understanding of the challenges faced by public entities to connect and reach out to stakeholders. While working for a senior member of the Texas Senate, she was the main contact and strategist on local issues ranging from transportation to healthcare. She was identified stakeholders, managed databases, planned and executed events with hundreds of attendees, organized meetings, and made presentations.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/21-09/22	LADOTD, LA 1 Toll Operations Post-Hurricane Ida Recovery, LaFourche Parish, Louisiana. Public involvement lead for communications planning ahead of restarting tolls on the LA 1 following repairs made from Hurricane Ida. Led team to prepare a comprehensive stakeholder list, drafted email blasts and news releases. Also developed a social media calendar and content, including static images, GIFs and video public service announcements (PSA).			
04/20-Ongoing	NTTA, PCCS, Dallas, Texas. Project manager for the current project communications consultant program. Responsible for managing the team that produces all public engagement and outreach efforts for various ongoing construction and maintenance projects throughout North Texas. Serves as an extension of the NTTA's project communications team and works to develop long-term communications and outreach strategies, builds relationships with stakeholders, business owners and neighborhood associations to communicate construction progress and roadway changes and to support the TollTag marketing efforts of the NTTA.			
05/20-Ongoing	North Central Texas Council of Governments (NCTCOG), DFW High-Speed Transportation Connections Study, Dallas, Texas. Public involvement lead for project including alternatives analysis and environmental clearance of a 30-mile high-speed transportation corridor between Dallas and Fort Worth. Managed a public involvement team responsible for all outreach efforts, including of a series of public and stakeholder meetings and their materials, including set up of multiple virtual meetings, in-person open house meetings, project mailing lists, flyers, newsletter publications, public meeting presentations, public meeting summaries, and additional materials.			
06/18-Ongoing	NTTA, PMC, Plano, Texas. Public Involvement task lead for all ongoing NTTA projects, including overseeing public involvement efforts on the President George Bush Turnpike Widening Projects, the Mountain Creek Lake Bridge Pavement Rehabilitation and New Tolling Facility Project, Dallas North Tollway (DNT) Improvement Projects (south of I-635), DNT Phase 4, State Highway 121 Bearing Pad Project and Sam Rayburn Tollway (SRT) Fourth Lane Project. Worked closely with NTTA's project communications staff to develop communications and outreach strategies, to educate stakeholders and business owners on current construction progress and roadway changes and how this work will benefit them. Oversaw the planning and execution of meetings, both in person and virtual, the development and drafting of articles and reports for various NTTA publications, and the creation of animations and infographics.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Lindi Miller	Years of relevant experience with this employer	4
Title	Public Engagement and Communications Specialist	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization	MPA / 2019 / Public Administration		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Public Relations and Communications		
Lindi has served in various capacities of public involvement, communications, and graphic design support within the transportation industry throughout her career. She has particularly excelled in this role while working closely with the ARDOT Alternative Delivery Division, specifically with the Division's On-Call CM/GC Industry Workshop, ARDOT's CAP, and many other high-profile Arkansas-based projects such as I-49, Western North-South Connector, Arkadelphia Bypass, and XNA Access. Lindi possesses the skillset required to ensure superb delivery of an array of public involvement deliverables, ranging from comprehensive public involvement/stakeholder engagement plans to supplemental public meeting materials, facilitate in-person and virtual public involvement meetings, and create multimedia deliverables.			
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).		
11/22-12/23	LADOTD, IDIQ Contract for Tolling Support, Statewide, Louisiana. Communications strategist who assisted public stakeholder outreach efforts related for LA 1 toll users for this task order based IDIQ contract focusing on tolling support services. Deliverables included a communication plan, news releases, and social media news and graphic creation. Under this contract, HNTB managed the contracting and execution of 11 task orders spanning across toll operations support, toll implementation support, toll stakeholder outreach, SEA reporting and inspection of structures which contain toll facilities. The team coordinated the continued toll operations support of the existing LA 1 toll facility while also managing the implementation of new toll facilities at LA 1 and Belle Chasse which are a part of the Belle Chasse P3 project.		
07/22-02/23	ARODT, I-49, Alma, Arkansas. Public engagement and communications specialist for the I-49 project. Executed a successful and well attended in-person public involvement meeting, oversaw the comment period for the project and developed the project synopsis. Deliverables included public meeting materials, the project presentation PowerPoint and corresponding video, developing Spanish translated materials for every English deliverable, and social media graphic creation.		
08/20-07/22	ARODT, CAP, Little Rock, Arkansas. Public involvement specialist for ARDOT's CAP. Worked closely with the consultant communications manager to execute public involvement plans, news releases detailing project traffic schedules and upcoming lane closures and conduct quarterly stakeholder meetings. Deliverables included public meeting materials, PowerPoints for public meetings and stakeholder meetings, news releases, social media graphic creation, and lane closure map graphic development and review.		
08/21-03/22	ARDOT, Western North-South Connector, Northwest Arkansas. Public involvement specialist who worked closely with the consultant communications manager to execute a detailed public involvement outreach plan, conduct a virtual public involvement meeting, oversee the comment period for the project, and develop the project synopsis. Deliverables included public meeting materials, PowerPoint for project presentations and video and virtual public meeting, Spanish translated materials for every English deliverable, and social media graphic creation.		





16. Staff Experience

Firm employed by: **HNTB**

Name	Lynn Maloney-Mujica, AICP		Years of relevant experience with this employer	6
Title	Senior Planner/Senior Environmental Scientist		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		MS / 2008 / Environmental Science BS / 1976 / Liberal Arts		
Active registration number / state / expiration date		AICP: #20555 / N/A / N/A		
Year registered	2006	Discipline	Certified Planner	
Contract role(s) / brief description of responsibilities		Environmental and Permitting Task Lead; Mitigation Compliance Support MPR 4		
Lynn is a certified planner whose most recent experience has focused on infrastructure projects. As a consultant in the private sector for the last 20 years, Lynn has worked for a wide range of city, parish, state, and federal agencies. Her expertise in NEPA analyses and documentation is broadly interdisciplinary and includes public outreach and stakeholder engagement as required for these projects. Since January 2023, she serves as the manager of the Integrated Planning and Policy Department for the Gulf Coast District of HNTB.				
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).			
06/18-Ongoing	LADOTD, I-10 Calcasieu River Bridge Improvements EIS, Lake Charles, Louisiana. Project manager responsible for EIS documentation, alternatives scoping and screening, technical team oversight, preparation and/or review of technical documents, public involvement, interagency coordination, and all other tasks related to completing the NEPA review. Designed, managed, and conducted one stakeholder meeting, two alternatives analysis workshops, one agency/local official briefing, and one large-scale in person public meeting. Coordinated an online virtual public meeting in 2021, public officials briefing and Context Sensitive Solutions and Design Workshop using the latest technologies for public outreach and comment capture. The draft EIS was published in the federal register. Currently managing the response to FHWA comments, delivery of the initial financial plan, preliminary PMP, and the mitigation plan for impacts to navigation.			
09/22-Ongoing	LADOTD, IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services, Statewide, Louisiana. Project manager to refresh the original 2014 study to prepare for potential grant funding under the Bipartisan Infrastructure Law for the Baton Rouge to New Orleans Passenger Rail Study. Report includes an environmental inventory mapbook to set the stage for Environmental Review and Preliminary Engineering task order kicked off in July 2023.			
10/19-02/20	LADOTD, LA 1, Phase 2, Leeville to Golden Meadow, Louisiana. Member of the grant application team that prepared an INFRA grant application for funding to complete the elevation of eight miles of roadway to protect America's premier oil production and distribution center (Port Fourchon) against severe weather event disruptions. About 20% of the nation's domestic energy production relies on this corridor. This application received \$135 million - the largest such award to date, and about 15% of 2020's INFRA grant funds. Responsibilities included team coordination, editorial review, and obtaining 50 customized letters of support from local, regional, and national stakeholders.			



Lynn Maloney-Mujica, AICP

09/19-11/19	LADOTD, I-10 and I-12 College Drive Flyover Ramp, Baton Rouge, Louisiana. Senior planner who was responsible for coordinating the open house public meeting to provide information and collect comments on a flyover ramp designed to improve traffic flow within the I-10/I-12 Westbound Interchange. Responsible for developing exhibits, looping presentation, and other meeting materials, addressing comments, and producing the meeting transcript. Supervised meeting schedule and venue coordination.
08/19-09/19	LADOTD, I-10/Loyola Interchange DB OV, Jefferson Parish, Louisiana. Senior planner who was responsible for delivering a supplemental noise analysis report for a flyover ramp developed by the DB team. Responsible for documentation preparations and revisions and interoffice coordination with traffic noise model (TNM) 2.5 modeling team.
06/18-08/18	LADOTD, LA 23 Belle Chasse Bridge and Tunnel Replacement P3, Plaquemines Parish, Louisiana. Senior environmental planner for this P3 project, which is the first of its kind in Louisiana, will replace two obsolete highway facilities with one new, fixed span bridge. Prepared the traffic noise analysis report.
03/22-Ongoing	East Baton Rouge Parish Government/Baton Rouge Recreation Department (BREC), North Baton Rouge Mobility Network INFRA Grant, North Baton Rouge, Louisiana. Member of the grant application team who prepared a winning INFRA grant for \$69.8 million to fund three projects: a complete streets enhancement, a US highway capacity upgrade, and an infill of the project triangle with off-road and on-road pedestrian and bicycle facilities. Currently coordinating among disparate project team members and sponsor to complete contracting with FHWA.
08/20-Ongoing	City of Baton Rouge/Parish Of East Baton Rouge, MOVEBR Complete Streets Workgroup, East Baton Rouge Parish, Louisiana. Senior planner/environmental task lead handling federal funding, as environmental review will adhere to LADOTD NEPA requirements for a programmatic CE. In addition to environmental and public outreach, responsibilities will include oversight of Complete Streets implementation through incorporation of appropriate transit, pedestrian, and bicycle facilities in the redesign of the 4-mile corridor.
10/18-Ongoing	CATS Baton Rouge, BRT (Plank Road to Nicholson Drive), Baton Rouge, Louisiana. Senior planner responsible for local coordination, data collection, and environmental analysis for a 10-mile BRT project connecting north and south Baton Rouge. Stakeholders and the public were engaged over the course of three days to introduce the project, followed by a second series of meetings to present the proposed plan. A critical component of public outreach was the consistent engagement of all pertinent agencies and stakeholders by providing information and collecting input at related events. Provided local perspective for the \$150 million BUILD grant application, which was awarded by FTA, with direct responsibility for soliciting and collecting letters of support. Provided support for NEPA compliance for the project including coordination for historic standing structures, environmental justice, noise impacts and floodplain coordination.
10/18-10/19	New Orleans Regional Planning Commission, General Meyer Avenue Complete Streets Study, Orleans Parish, Louisiana. Senior planner whose responsibilities included analysis and conceptual development of General Meyer Avenue as a multimodal corridor to enhance use by transit riders, pedestrians, and bicyclists in support of continued economic revitalization and safety improvements in Algiers. Designed the materials and planned the outreach approach for two public meetings held in 2019. The first included an interactive station that helped stakeholders visualize the trade-offs required to introduce protected bike lanes and pedestrian facilities into the existing cross-sections.

16. Staff Experience

Firm employed by: **HNTB**

Name	April English		Years of relevant experience with this employer	14
Title	Senior Project Manager - Planning		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		MS / 2007 / Biology BA / 2000 / Biology		
Active registration number / state / expiration date		N/A		
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities		Environmental and Permitting/NEPA		
April is a NEPA and environmental compliance specialist. She has experience in supervising and performing a full range of environmental assignments, including preparing environmental documents and biological and cultural permit applications, performing quality reviews for regulatory sufficiency and document readability, and directing extensive agency and public involvement activities. She has supervised and prepared numerous environmental studies including EISs, supplemental EISs, environmental assessment (EA), CE and REs, as well as NEPA-like planning evaluations such as planning and environmental linkage (PEL) studies. She has prepared documents for and worked with federal, state, and local agencies, including but not limited to LADOTD, FHWA, TxDOT, ARDOT, NHTA, USACE, US Coast Guard (USCG), US Environmental Protection Agency (USEPA) and several metropolitan planning organizations. April is a biologist by training and utilizes that knowledge to perform the studies and surveys needed for the completion and approval of environmental studies.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/25-Ongoing	TDOT/ARDOT, I-55 America's River Crossing Bridge Replacement, Memphis, Tennessee. Project manager on this bridge replacement project over the Mississippi River. Managed the preparation of the environmental assessment, including extensive permitting coordination with the USACE and USCG. Facilitated coordination between TDOT and ARDOT and two FHWA regions. Included three Section 4(f) analyses, as well as Section 106 coordination for the historic I-55 bridge.			
10/08-01/24	LADOTD, I-10 Calcasieu River Bridge Improvements EIS, Lake Charles, Louisiana. Lead environmental planner on the proposed project, which extends along I-10 between the I-210 interchanges, approximately nine miles. The project includes widening and the replacement or rehabilitation of the National Register of Historic Places eligible Calcasieu River Bridge. The project purpose is to address traffic congestion, safety, roadway/bridge design issues and system continuity. Role includes management of all aspects of the EIS process, including technical expertise for natural, human, and physical environment analyses.			
01/22-07/23	ARDOT, I-49 from Highway 22 to I-40 RE, Sebastian and Crawford Counties, Arkansas. Senior environmental planner for the design of 13.7 miles of I-49. The schematic design included completion of the direct connect interchange at I-40, three local service interchanges and four grade separation bridges including a bridge over the UPRR. The Arkansas River bridge design included 9,000 feet of approach spans over Springhill Park and the river floodplain with a 450-foot main span over the navigable waterway. Work included managing all environmental work on the project, including scheduling, budget and environmental analyses.			
01/14-01/18	Parish of Baton Rouge, Loop Tier 1 DEIS and Draft Section 4(f) Evaluation, Ascension, East Baton Rouge, Iberville, Livingston and West Baton Rouge Parishes, Louisiana. Lead environmental planner involved in the preparation of the Tier 1 draft EIS for the proposed toll facility, a proposed as a 90- to 105-mile circumferential controlled access free-flow toll roadway with two Mississippi River crossings. Involved in the preparation of the draft EIS, final EIS, and ROD, as well as agency coordination and public involvement efforts.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Reagan Ball	Years of relevant experience with this employer	1
Title	Senior Project Manager - Planning	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization	BS / 2004 / Biology		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Environmental and Permitting/NEPA		
Reagan is an experienced environmental and transportation professional with years of leadership in NEPA project management, environmental compliance, and risk-based oversight across federal and state agencies. She brings a proven record of delivering high-profile NEPA documents, streamlining environmental processes, mentoring staff, and leading collaborative efforts with multiple state DOTs, local governments, resource agencies, and internal stakeholders. Reagan is adept at managing interdisciplinary teams, client relationships, and technical documentation to meet deadlines, budgets, and regulatory requirements.			
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).		
07/25-Ongoing	LADOTD, Weigh Station Master Plan, Statewide, Louisiana. Drafted the implementation plan chapter of the overall master plan. Identified potential funding opportunities for advancing the modernization of Louisiana’s Weigh Station network across the state.		
07/25-Ongoing	TDOT, PEL Guidance for PMC, Statewide, Tennessee. Drafted guidance documents for the overall PEL process and corresponding QC checklists to ensure documents are completed according to state and federal standards.		
03/10-04/25	FHWA, Comprehensive Federal Transportation Program Oversight and Policy Expertise, Various Locations, US. Served as environmental specialist in Nebraska division, program development team leader in Missouri division, acting deputy division administrator in Colorado division, deputy division administrator and acting division administrator in Louisiana division. Leveraged expansive federal transportation program expertise, in various roles spanning NEPA, planning, environment, civil rights, ROW, finance, and risk based stewardship, to lead multidisciplinary teams and guide state DOTs, metropolitan planning organizations (MPO), tribal governments, and local agencies in delivering compliant, efficient federal aid programs and projects across several FHWA divisions nationwide. Served as a trusted federal representative in multiple states, overseeing office operations, shaping policy implementation, mentoring staff, and resolving complex, cross program issues while ensuring full adherence to federal requirements and advancing national transportation priorities.		
11/22-01/24	LADOTD, Calcasieu River Bridge, Lake Charles, Louisiana. Directed environmental coordination for the I-10 Calcasieu River Bridge project, one of Louisiana’s most high-profile and complex NEPA efforts. Personally led interagency collaboration that advanced the project through both the final EIS and ROD stages, achieving critical federal milestones that had previously stalled.		
11/22-12/23	LADOTD, Major Corridor Planning and Tier 1 NEPA, Various Locations, Louisiana. Division deputy administrator for FHWA who provided strategic leadership and oversight during the development and review of the MRB South GBR: LA 1 to LA 30 Connector Enhanced Planning Study in Baton Rouge and the Lafayette Regional Xpressway Tier 1 EIS. Guided multidisciplinary teams, ensured adherence to federal environmental and planning requirements, facilitated interagency coordination, and supported decision making that strengthened the linkage between long range planning and the NEPA process.		



16. Staff Experience

Firm employed by:



Name	Basile Dardar	Years of relevant experience with this employer	8
Title	Environmental Specialist / Project Manager	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization	BS / 2014 / Biology		
Active registration number / state / expiration date	Traffic Control Technician Wetland Delineation		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Environmental and Permitting/NEPA		
Basile is an environmental scientist with a diverse range of experience, including inspections, permitting, environmental surveying, report development, research, sampling, testing, and coordination with agencies and clients. Basile provides environmental expertise, accurate reporting, and a high degree of professionalism to every project. Basile has led wetland delineations and environmental assessments for multiple clients across the state, including local development projects, mitigation banks, and infrastructure developments.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/23-Ongoing	LaDOTD, East Baton Rouge Infrastructure Investment and Jobs Act (IIJA) Off-System Bridges, East Baton Rouge Parish, Louisiana. Wetland delineation, jurisdictional determinations and permitting for 13 bridges at separate sites throughout East Baton Rouge. The project involves replacing the existing bridges with slab-span bridges and covers approximately 13 acres. Coordinated with the field team to conduct wetland delineations, complete the wetland findings report, work with the USACE for jurisdictional determinations of wetlands, and assist with USACE permit applications and supporting documentation. This process also included conducting surveys of threatened and endangered species. Completed surveys for the tricolored bat, alligator snapping turtle and the monarch butterfly.		
09/22-Ongoing	LaDOTD, IIJA Off-System Bridges District 62, Statewide, Louisiana. Environmental services to replace six bridges in Livingston, St. Helena, St. John the Baptist, St. Tammany, Tangipahoa, and Washington Parish in several phases until completion. Coordinated with field teams to assess cultural and environmental impacts. Through ongoing efforts, he has maintained the required data and documentation, as well as reviewed deliverables and reports applicable to subject-object-verbs (SOV), wetland delineations, and a CATEX of construction activities. Assisted in preparing the necessary permits, maps, forms and supplemental documentation.		
04/22-02/25	LaDOTD, Tangi Off-System Bridge Prioritization, Tangipahoa Parish, Louisiana. Environmental services on five IIJA off-system bridges. We prepared an early Section 106 Tribal coordination packet and submitted it to the LaDOTD. Performed a wetland delineation, SOVs, CATEX documents, and permit applications and drawings for six bridges to be replaced in District 62. Conducted wetland delineations, prepared and submitted permit applications, and led the team in completing the SOVs and CATEX documentation.		
08/22-08/24	LaDOTD, Rousseau Bridge Replacement, St. Tammany Parish, Louisiana. Environmental services for the Rousseau Bridge Replacement Project located on approximately 2.62 acres in St. Tammany Parish. Services included wetland delineation, a Scenic Rivers permit application, an emergency authorization application to the USACE, SOVs, and a final report. Conducted a wetland delineation, submitted reports to USACE, coordinated with the field team on SOVs and required information, and reviewed permit drawings.		





16. Staff Experience

Firm employed by:



Name	Kara Moree, CFM		Years of relevant experience with this employer	1
Title	Principal/Regional Environmental Coordinator		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		BS / 2005 / Resource Biology and Biodiversity		
Active registration number / state / expiration date		ASFPM: #US-06-02202 / LA / N/A		
Year registered	2006		Discipline	N/A
Contract role(s) / brief description of responsibilities		Environmental and Permitting/NEPA		
Kara brings over 20 years of environmental, planning and project management experience, with concentration on NEPA compliance, environmental documentation, permitting, stormwater, roadway and drainage projects. Kara has a wide range of experience in roadway projects, including direct responsibility for environmental inventory, feasibility studies, NEPA documentation, community and stakeholder engagement, wetland delineations, and permitting. Through previous employment with federal and local governments as well as with the private sector, she has provided technical assistance to various federal, state, and local agencies regarding environmental laws, regulations and executive orders and has done extensive public outreach activities, especially during her employment with the Environmental and Historic Preservation Group of the FEMA.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge P3 Project, Lake Charles, Louisiana. Environmental compliance manager for the DB contractor. Tasks include the management and guidance of the environmental permitting and compliance commitments for the project in accordance with NEPA standards. Acts as a liaison between the design team, environmental permitting team, and all agencies involved in the permitting process. Providing guidance and assisting in decision making are key to the job duties as well as preparing all associated environmental plans such as a comprehensive environmental protection plan and a hazardous materials management plan.			
08/20-04/25	LADOTD, Mississippi River Bridge South GBR (LA 1 to LA 30 Connector), Baton Rouge, Louisiana. Project manager and NEPA specialist for this enhanced planning study and EA for a proposed new bridge crossing of the Mississippi River for the purposes of providing transportation system redundancy and additional capacity across the Mississippi River and alleviating traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new "south" Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 with a connection to Interstate 10 on the west side of the Mississippi River and to LA 30 (and widening of LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. This project required an elevated level of public involvement, including quarterly updates to the Capital Area Road and Bridge District (CARB-D), a commission comprised of Parish Presidents from Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge parishes, the Secretary of LADOTD, and a commission chairman appointed by the Governor.			
05/13-08/20	LADOTD, Houma-Thibodaux to I-10 Connection EIS (North-South Corridor/Hurricane Evacuation), Houma, Louisiana. Project manager who assisted with providing environmental studies and NEPA documentation related to addressing alternative courses of action for the development of a north-south hurricane evacuation route and suitable mitigation plans for all alternatives, including the preferred alternative. Responsible for providing various sections of the EIS, such as noise, vegetation and habitat, agriculture and farmland, threatened and endangered species, essential fish habitat, water quality, wild and scenic rivers, wetlands, and permits and mitigation. A preliminary draft EIS document was recently reviewed by LADOTD.			



16. Staff Experience

Firm employed by:



Name	Maria Bernard Reid		Years of relevant experience with this employer	1
Title	Environmental Project Manager		Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization	MS / 2000 / Agribusiness and Agricultural Economics (Natural Resource Policy and Management and Planning) BS / 1998 / Forest Management and Wildlife			
Active registration number / state / expiration date	N/A			
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities	Environmental and Permitting/NEPA			
Maria has over 25 years of experience in environmental and regulatory compliance in both the private and public sectors. She has managed, planned, and participated in projects requiring protected species surveys, general wildlife inventories, forest inventories, biological assessments, wetland delineations and permitting, Phase I environmental site assessments, categorical exclusions, EAs, and EISs in Louisiana and across the country, as well as wetland delineations in Louisiana, Mississippi, Alabama, and Florida. Maria worked with federal and state government clients including US Department of the Army, Department of the Navy, Department of Homeland Security, Customs and Border Protection, USACE, US Forest Service, and LADOTD.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge P3 Project, Lake Charles, Louisiana. Environmental compliance manager who led the management and oversight of environmental permitting and compliance obligations in accordance with NEPA standards. Served as the primary liaison among the design team, environmental permitting team, and regulatory agencies, facilitating coordination throughout the permitting process. Provided strategic guidance, supporting informed decision-making. Prepared the comprehensive environmental protection plan, hazardous materials management plan, and contributed to the development of the health and safety plan.			
01/22-04/25	LADOTD, Mississippi River Bridge South GBR (LA 1 to LA 30 Connector), Baton Rouge, Louisiana. Deputy project manager and NEPA specialist for this enhanced planning study and EA for a proposed new bridge crossing of the Mississippi River for the purposes of providing transportation system redundancy and additional capacity across the Mississippi River and alleviating traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new "south" Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 with a connection to I-10 on the west side of the Mississippi River and to LA 30 (and widening of LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. This project required an elevated level of public involvement which included quarterly updates to the CARB-D. CARB-D is a commission made up of Parish presidents from Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge parishes, the Secretary of LADOTD, and a commission chairman appointed by the Governor. CARB-D meetings are considered open to the public and are streamed through the Louisiana State Senate's website. The enhanced planning study was completed and the documentation produced was accepted by FHWA in December 2023 as the first approved PEL document in Louisiana.			



16. Staff Experience

Firm employed by:



Name	David B. Kelley		Years of relevant experience with this employer	45
Title	Director, Cultural Resources Division		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		PhD / 1990 / Anthropology BA / 1975 / Anthropology		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Environmental and Permitting/NEPA		
David brings over 50 years of experience. Prior to joining Coastal Environments, Inc., he worked on a number of excavations in the 1970s and as a field assistant at a research station. Much of his research has focused on the Caddo Area in southwest Arkansas and northwest Louisiana. David's publications in that area include Two Caddoan Farmsteads in the Red River Valley: The Archeology of the McLelland and Joe Clark Sites (Arkansas Archeological Survey Research Series 51, 1997); Site Preservation along an Active Meandering and Avulsing River: The Red River, Arkansas [with M. J. Guccione, Michael C. Sierzchula, and Robert H. Lafferty] (Geoarchaeology 1998); The Burnitt Site (16SA204): A Late Caddoan Occupation in the Uplands of The Sabine River Basin (Louisiana Archaeology 2010); The Belcher Phase: Sixteenth- and Seventeenth-Century Occupation of the Red River Valley in Northwest Louisiana and Southwest Arkansas in The Archaeology of the Caddo (University of Nebraska 2012); and Caddo Ceramics in the Red River Basin in Northwestern Louisiana and Southwestern Arkansas [with Jeffrey S. Girard and Duncan P. McKinnon] in Ancestral Caddo Ceramic Traditions (Louisiana State University Press 2021). Another of David's research interests is zooarchaeology. His dissertation concerned Coles Creek period faunal exploitation in the Ouachita River valley in southern Arkansas. An article based on that research was published in Midcontinental Journal of Archaeology in 1992.				
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).			
01/24-10/24	North Louisiana Council of Governments, I-49 Inner City Connector (Alternate 3A), Shreveport, Louisiana. Principal investigator who assisted in recording 13 new archaeological sites during this survey, and six previously recorded sites were revisited.			
03/25-02/26	USACE New Orleans District, Morganza to Gulf Project Reach F, Terrebonne Parish, Louisiana. Principal investigator who performed survey of proposed borrow areas.			
07/23-02/24	Ramboll US, Lake Rodemacher CO2 Sequestration Project, Rapides Parish, Louisiana. Principal investigator who performed survey of proposed injection wells and pipeline routes.			
04/23-01/24	USACE Vicksburg District, Fish Lake Refuge Property, Caddo Parish, Louisiana. Principal investigator who performed survey of proposed wildlife management area.			
03/22-12/23	USACE Vicksburg District, MRL Item 340-R Seepage Remediation Project, Concordia Parish, Louisiana. Principal investigator who performed survey of berm construction and borrow areas.			
03/22-12/24	Air Products, Louisiana Clean Energy Project, Ascension, Iberville, St. James and St. John the Baptist Parishes, Louisiana. Principal investigator who performed survey of pipelines and other project elements for a CO2 sequestration project.			
02/22-06/22	CPRA, Reggio (BS 43) Marsh Creation Project, St. Bernard Parish, Louisiana. Principal investigator who performed survey of marsh creation areas.			



16. Staff Experience

Firm employed by:



Name	Kevin Guth, DrPH, CIH, PMP		Years of relevant experience with this employer	30
Title	Principal		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		Doctor of Public Health / 2020 / Chemical Risk Assessment/Toxicology MS / 1996 / Public Health		
Active registration number / state / expiration date		ABIH: #10438 / N/A / N/A NACE: #23834 / N/A / 07-31-2024 PMP: #2019290/ N/A / N/A		
Year registered	2009, 2013, 2018		Discipline	Certified Industrial Hygienist
Contract role(s) / brief description of responsibilities		Material Sampling and Testing		
Kevin brings over 28 years of experience performing coatings assessments and related services including industrial hygiene and environmental services. His expertise extends to assessing both personal and ambient exposures through air monitoring during paint removal and maintenance operations on various infrastructure such as bridges, water towers and dams. Kevin has collected and analyzed groundwater and soil samples for subsequent analysis for LADOTD since the late 1990s. He has demonstrated his coatings assessment proficiency by assessing and testing bridge coatings on numerous Mississippi River bridges such as the Huey P. Long in New Orleans, Crescent City Connection (both bridges), Sunshine, Baton Rouge I-10 and the Natchez Vidalia. Kevin also has assessed the bridge coating system on numerous interstate overpasses for LADOTD.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/19-10/22	LADOTD, US 90 Atchafalaya River Bridge Rehabilitation, Morgan City, Louisiana. Principal/environmental project manager who oversaw comprehensive air sampling, soil analysis and water quality testing. Ensured contractor's adherence to industry environmental standards and regulatory requirements while delivering precise and actionable insights.			
10/20-07/21	LADOTD, Water Tower Assessments, St. John the Baptist Parish, Louisiana. Principal/coatings team leader who directed a team on industrial coatings assessments for 16 elevated water towers, both interior and exterior. Oversaw project planning, execution and QA to ensure compliance with safety standards and client specifications. Provided leadership and guidance, fostered a collaborative and efficient work environment to meet project deadlines and delivered exceptional results.			
02/18-08/19	LADOTD, Route I-10 Clean, Paint and Other Repairs, Baton Rouge, Louisiana. Principal/environmental project manager who oversaw comprehensive air sampling, soil analysis and water quality testing. Ensured contractor's adherence to industry environmental standards and regulatory requirements while delivering precise and actionable insights.			
12/17-08/18	LADOTD, I-20 Overpass Rehabilitation, Bossier City, Louisiana. Principal/environmental project manager who oversaw comprehensive air sampling, soil analysis and water quality testing. Ensured contractor's adherence to industry environmental standards and regulatory requirements while delivering precise and actionable insights.			
08/16-10/17	LADOTD US 90 Huey P. Long Bridge Clean and Paint, Bridge City, Louisiana. Principal/environmental project manager who oversaw comprehensive air sampling, soil analysis, and water quality testing. Ensured contractor's adherence to industry environmental standards and regulatory requirements while delivering precise and actionable insights.			





16. Staff Experience

Firm employed by:



Name	Nick Joseph Ferlito, Jr., PE, PTOE		Years of relevant experience with this employer	30
Title	Executive Vice President/Louisiana Area Manager		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		MS / 1996 / Civil Engineering BS / 1993 / Civil Engineering		
Active registration number / state / expiration date		PE: #28001 / LA / 09-30-2027 PTOE: #930 / N/A / N/A LADOTD Traffic Engineering Analysis Process and Report Module 1, 2, and 3		
Year registered	1998	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Traffic Engineering and Design Task Lead MPR 5		
Nick brings more than 30 years of experience managing a wide range of traffic and transportation projects. He has served as a project manager for many intersection/corridor signal timing studies, signal design projects, safety studies and other traffic engineering related projects for public and private projects. Nick is experienced with numerous traffic engineering software packages, including HCS, CORSIM, SYNCHRO, Tru-Traffic (TSPPDraft), and SIDRA. He also completed the Naztec TS1/TS2 Controller 2-Day training course. Nick has also completed the NEPA and Transportation Decision Making course (2004), the Highway Safety Manual Workshop (2011) as well as LADOTD's Traffic Engineering Process and Report (TEPR) training. He has served as the project manager and lead traffic engineering for the IDIQ contracts with LADOTD including Roadway Design; Safety Studies Statewide; Traffic Signal Engineering; Traffic Engineering; and Signal Timing Studies.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/25-Ongoing	City of Baton Rouge/LADOTD, Flashing Yellow Arrow Installations, Baton Rouge, Louisiana. Performed construction services in support of the City of Baton Rouge flashing yellow arrow installations. Construction, engineering, and inspection (CEI) services included assisting LADOTD in the developing and processing the sampling plan with the contractor; facilitating the review and approval of signal equipment submittals; providing day to day resident project representation that monitored the contractor's progress and measurement of pay items installed; completing daily field reports; conducting monthly progress meetings; reviewing monthly pay estimates; prepared change orders; preparing close out documents include 2059 document and facilitating the completion of as built plans.			
02/24-Ongoing	LADOTD, I-10 and I-12 College Drive Flyover Ramp DB, Baton Rouge, Louisiana. Project manager for the complex urban highway design project that includes IMR; TMP; and Inspection and Test Report (ITR) of maintenance of traffic (MOT) plans for the proposed improvements. The IMR was prepared in accordance with LADOTD's TEPR and FHWA Policy Points. The IMR analysis was performed using VISSIM software. In addition, the TMP was prepared for the various MOT phases. Analysis used in the TMP included Highway Capacity Software (HCS) analysis for detour evaluations and Dynameq (Mesoscopic Modeling) for evaluating various MOT strategies.			
11/25-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Roadway reviewer who assisted LADOTD with the review and oversight of bridge replacement/rehabilitation projects along federal aid eligible routes in Districts 04, 05, 07, 08, 58 covering a total of 21 bridge sites. All bridge sites include road design, drainage design and sequence of construction plans.			



Nick Joseph Ferlito, Jr., PE, PTOE

01/20-Ongoing	LADOTD, I-20 (LA 544 Overpass Replacement), City, Louisiana. TMP and traffic analysis QA/QC who provided preliminary and final design services for this project which will replace the LA 544 Overpass diamond interchange with a diamond roundabout interchange. The project includes a new bridge over I-20 with sidewalks and four multi-lane roundabouts within a roundabout interchange with two roundabouts on a 3% longitudinal grade and partially on bridge. The project includes a level 2 TMP.
07/16 - Ongoing	LADOTD, I-49 South at Verot School Road, Lafayette, Louisiana. Performed traffic QA/QC on the preparation of a level 3 TMP and design of temporary and permanent traffic signals. This project includes a multi-lane roundabout.
08/20-Ongoing	LADOTD, College Drive Enhancement Project (Perkins Road to I-10), Baton Rouge, Louisiana. Project manager for the traffic study component for the study of the College Drive corridor. The traffic study is being prepared in accordance with LADOTD's TEPR and includes performing all analysis in VISSIM to evaluate various alternatives. In addition to corridor improvements, a tiered analysis will be performed to evaluate various interchange alternatives for I-10 at College Drive.
12/19-Ongoing	LADOTD, US 80 Feasibility Study, Haughton, Louisiana. Project manager for the preparation of a stage 0 report in support of safety improvements along US 80 corridor, specifically in the vicinity of Bellevue Road and Mid-South Loop Road. All analysis performed in HCS for this study. The traffic study was performed in accordance with LADOTD's TEPR.
11/16-08/19	LADOTD, LA 385 Feasibility Study, Lake Charles, Louisiana. Project manager for the stage 0 report in support of safety and traffic operational improvements along with the LA 385 (Ryan Street) corridor between LA 3186 south of I-10 to Eddy Street north of I-10, including the LA 385 interchange with I-10. The project includes multi-lane roundabouts.
02/16-04/18	LADOTD, LA 22 Corridor Study (Rou Mar Nei Drive to 1st Street), Ponchatoula, Louisiana. Project manager for a traffic study to evaluate corridor improvements along LA 22 as well as interchange concepts at I-55. A TIER analysis was performed at the interchange of I-55 at LA 22 to evaluate various interchange configurations. The corridor analysis included HCS analysis to evaluate R-CUT and roundabout corridor concepts.
02/15-12/17	LADOTD, US 51 (West University to I-55) Corridor Study, Louisiana. Traffic engineer who assisted with corridor operational analyses for of eight roundabout geometry intersections.
01/15-06/15	LADOTd, LA 3002, 16 and 1034 Corridor Study Phase 2, Louisiana. Traffic engineer responsible for data collection and traffic signal analysis.
01/14-12/16	LADOTD, LA 30 Stage 0 Traffic and Safety Study, Gonzales, Louisiana. Traffic engineer responsible for data collection, corridor traffic operational analysis (Synchro and Sidra), calibrated VISSIM modeling, and developed the stage 0 traffic report.
01/14-03/16	LADOTD, LA 73 Corridor Study (LA 74 to LA 621) Stage 0 Feasibility Study, Louisiana. Traffic engineer responsible for data collection, warrant analysis, corridor operational analyses (Synchro and Sidra), and stage 0 traffic report preparation.
11/12-03/15	City of Baton Rouge/LADOTD, Baton Rouge Computerized Signalization (Phase VA), Baton Rouge, Louisiana. Performed traffic engineering, signal design and construction services in support of the City of Baton Rouge computerized signalization. Phase VA included 23 intersections along Government Street and North Foster Drive. CEI services included assisting LADOTD in the developing and processing the sampling plan with the contractor; facilitating the review and approval of signal equipment submittals; providing day to day resident project representation that monitored the contractor's progress and measurement of pay items installed; completing daily field reports; conducting monthly progress meetings; reviewing monthly pay estimates; prepared change orders; preparing close out documents include 2059 document and facilitating the completion of as built plans.
08/12-05/14	LADOTD, Jefferson Highway Traffic Signal Upgrades, Baton Rouge, Louisiana. Project manager for the construction services in support of signal upgrades at 11 intersections along Jefferson Highway. CEI services included facilitating the review and approval of signal equipment submittals; providing day to day resident project representation that monitored the contractor's progress and measurement of pay items installed; completing daily field reports; conducting monthly progress meetings; reviewing monthly pay estimates; prepared change orders; preparing close out documents and facilitating the completion of as built plans.

16. Staff Experience

Firm employed by:



Name	Ellen B. Howard, PE, PTOE		Years of relevant experience with this employer	11
Title	Project Manager		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization	BS / 2009 / Civil Engineering			
Active registration number / state / expiration date	PE: #38207 / LA / 03-31-2028 PTOE: #3735 / N/A / 12-09-2028 LADOTD Traffic Engineering Analysis Process and Report Module 1, 2, and 3			
Year registered	2013	Discipline	Civil	
Contract role(s) / brief description of responsibilities	Traffic Engineering and Modeling			
Ellen brings a joint-background experience, as she joined Neel-Schaffer in January 2014 and previously worked as a traffic engineer for LADOTD District 62. She has worked on a variety of projects involving traffic engineering studies, signal timing and coordination, corridor studies, traffic modeling using VISSIM and transportation management studies. During her employment at LADOTD, she also reviewed numerous corridor studies, intersection studies, safety studies, traffic impact studies, and temporary traffic control plans. Ellen is proficient in software such as HCS, Synchro, SIDRA, SimTraffic, VISSIM as well as LADOTD's CAT Scan safety tool. She attended Highway Safety Manual (HSM) workshop, Highway Capacity Analysis Seminar, Roundabout Design Workshop, Traffic Signal Workshop, Synchro Training, VISSIM Training, Access Management Location and Design Course, Alternative Intersections/Interchanges Workshop, and Crash Reconstruction for Traffic Engineers Course. Ellen is a certified PTOE and has completed LADOTD's TEPR training.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/23-Ongoing	LADOTD, IDIQ for Road Design Projects, City, Louisiana. Traffic services engineer who provided traffic services, road design, preliminary and final plan development. The projects include pavement preservation, constructing new roads, extend existing roads, construction of roundabouts, turn lanes and drainage improvements. LA 621 Realignment at LA 73 (Ascension) included widening LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multilane roundabout to provide connectivity for local roadways, traffic analysis, TMP, and 1 mile of mill and overlay for LA 621. LA 182 US 90 Greenwood Street Overpass includes pavement rehabilitation along LA 182 from westbound exit ramp to Greenwood Street Overpass in Morgan City. The work includes pavement patching, mill and overlay, roadway reinforcing mesh, curb ramps and guard rail.			
12/23-Ongoing	LADOTD, US 190 (E Gause Boulevard), St. Tammany Parish, Louisiana. Traffic engineer responsible for data collection, intersection safety and operations analyses, and identifying intersection/corridor improvements to accommodate existing and future growth.			
02/25-Ongoing	LADOTD, I-49 at LA 3233 (Harry Gilbeau Road) Traffic Study, Louisiana. Traffic engineer responsible for data collection, intersection safety and operations analyses, and identifying intersection/corridor improvements to accommodate existing and future planned growth.			
01/24-Ongoing	LADOTD, Cedar Street Extension to LA 22 and Roundabout, St. Tammany Parish, Louisiana. Traffic engineer responsible for data collection, intersection safety and operations analyses, and identifying intersection/corridor improvements to accommodate existing and future planned growth.			



Ellen B. Howard, PE, PTOE

10/22-Ongoing	LADOTD, LA 383 Corridor Study, Calcasieu and Jefferson Davis Parishes, Louisiana. Traffic engineer responsible for data collection.
09/20-Ongoing	City of East Baton Rouge, MOVEBR College Drive Enhancements, Baton Rouge, Louisiana. Traffic engineer responsible for calibrated VISSIM model, existing and no build traffic analysis and alternatives analysis.
03/21-Ongoing	City of East Baton Rouge, MOVEBR North Sherwood Forest Extension, Baton Rouge, Louisiana. Traffic engineer responsible for initial and final data collection, existing safety analysis, existing and no build HCS analysis, alternatives HCS analysis, and final traffic report.
06/23-04/24	LADOTD, LA 384 (Big Lake Road to McNeese Street), Calcasieu Parish, Louisiana. Traffic engineer responsible for data collection, intersection safety and operations analyses, identifying intersection/corridor improvements to accommodate existing and future planned growth, alternatives analyses and traffic report.
06/22-10/24	LADOTD, District 03 Safety Investment Plan, Louisiana. Engineer for this study evaluating crashes at 119 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
04/20-07/21	LADOTD, District 05 Safety Investment Plan, Louisiana. Engineer for this study evaluating crashes on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements. There were initially 81 locations with 53 additional locations added as a supplement.
02/19-03/20	LADOTD, District 07 Safety Investment Plan, Louisiana. Engineer for this study evaluating crashes at 63 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
08/20-10/21	LADOTD, I-10 and I-12 College Drive Flyover Ramp DB, Baton Rouge, Louisiana. Traffic engineer responsible for calibrated VISSIM model, traffic analysis, and IMR.
09/21-07/22	LADOTD, MOVEBR Harding Boulevard at I-110, Louisiana. Traffic engineer responsible for initial and final data collection, existing safety analysis and existing and no build traffic analysis, Tier 1 alternative analysis, and final traffic report.
12/17-03/19	LADOTD, District 08 Safety Investment Plan, Louisiana. Engineer for this study evaluating crashes at 68 locations on the state and local highway networks using variations in crash statistics to identify possible roadway issues and potential low-cost safety improvements.
12/19-03/20	LADOTD, US 80 Intersection at Bellevue Road, Louisiana. Traffic engineer responsible for Initial and final data collection, existing safety analysis, and Chapter 1 of final report and signalized intersection analysis.
02/15-12/17	LADOTD, US 51 (West University to I-55) Corridor Study, Louisiana. Traffic engineer who assisted with corridor operational analyses for eight roundabout geometry intersections.
01/14-12/16	LADOTD, LA 30 Stage 0 Traffic and Safety Study, Gonzales, Louisiana. Traffic engineer responsible for data collection, corridor traffic operational analysis (Synchro and Sidra), calibrated VISSIM modeling, and stage 0 traffic report.

16. Staff Experience

Firm employed by:



Name	Vijay Kunada, PE, PTOE		Years of relevant experience with this employer	19
Title	Executive Vice President		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization	MS / 2022 / Computer Science MS / 2001 / Civil Engineering BS / 1999 / Civil Engineering			
Active registration number / state / expiration date	PE: #32145 / LA / 03-31-2028 PTOE: #2868 / N/A / N/A LADOTD Traffic Engineering Analysis Process and Report Module 1, 2, and 3			
Year registered	2006	Discipline	Civil	
Contract role(s) / brief description of responsibilities	Traffic Engineering and Modeling			
Vijay has over 20 years of experience with traffic demand models (TDM), land use forecasting, transportation planning, and traffic engineering. He has managed over 40 transportation plans and TDMs, and provides long-term statewide modeling support to LADOTD and Louisiana MPOs. His modeling and traffic engineering expertise includes TransCAD, CUBE, Dynameq, TransModeler, Synchro/ SimTraffic, VISSIM, HCS, and ISATe, as well as land-use modeling with UrbanSim and CommunityViz. Vijay led the Lafayette MPO's 2030 Metropolitan Transportation Plan (MTP) and TDM updates, and supported the Acadiana MPO in developing both the 2040 and 2050 MTPs. He integrates model calibration/validation with practical, stakeholder-driven planning to ensure implementable outcomes. Vijay manages complex local and regional transportation plans, traffic impact studies, safety studies, TDMs, signal warrant analyses, traffic signal timing plans, corridor studies, IMR/IJR, and advanced traffic simulation that leverage mesoscopic and microscopic tools. He has also completed LADOTD's TEPR training.				
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).			
07/20-Ongoing	LADOTD, Mississippi River Bridge South GBR (LA 1 to LA 30 Connector), Baton Rouge, Louisiana. Mesoscopic modeling lead who oversees the development of regional mesoscopic model using Dynameq software and the analysis of proposed Mississippi River bridge concepts under toll and non-toll options. Calibrated and validated 2019 base mesoscopic model was developed and approved by LADOTD and the team is currently working on finalizing the 2042 no-build model. These developed models can be used for the analysis of any proposed roadway projects within the model study area, and both LA 429 and LA 74 corridors are included in this study area.			
01/21-07/22	Acadiana Planning Commission, LA 2050 Metropolitan Transportation Plan, Lafayette, Louisiana. Project manager who is helping create a clear, fiscally responsible roadmap for future mobility, safety, and growth. Through advanced modeling and strategic project prioritization, the plan directs \$1.24 billion in improvements to reduce congestion and enhance connectivity across the region.			
03/22-12/24	LCG, Johnston Street Corridor Study, Lafayette, Louisiana. Project manager who evaluated safety and operational improvements for motorist, pedestrian and bicyclist from Holden Avenue to north of Garfield to the railroad.			
10/20-03/22	LADOTD, MOVE 2046, Baton Rouge, Louisiana. Project manager for the development of regional TDM, performance based multi-modal long range transportation plan with a regional freight component. MOVE 2046 tasks also include congestion management process using big data sources and air quality conformity determination for the MPO with public and stakeholder engagement.			
08/20-12/23	LADOTD, I-10 and I-12 College Drive Flyover Ramp DB, Baton Rouge, Louisiana. Mesoscopic modeling lead for the analysis of TMP for the proposed improvements. TMP was prepared for the various MOT phases. Led the Dynameq modeling for evaluating MOT strategies.			



16. Staff Experience

Firm employed by:



Name	Jonathan Duhe, PE, PTOE, RSP1		Years of relevant experience with this employer	12
Title	Project Engineer		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	BS / 2011 / Civil Engineering			
Active registration number / state / expiration date	PE: #41047 / LA / 03-31-2027 PTOE: #24418 / N/A / N/A RSIP: #282 / N/A / N/A LADOTD Traffic Engineering Analysis Process and Report Module 1, 2, and 3			
Year registered	2016	Discipline	Civil	
Contract role(s) / brief description of responsibilities	Justification/Modification Reports			
Jonathan has 13 years of experience working on a wide range of traffic and transportation projects. He has worked on many intersection/corridor signal timing studies and signal design projects and other traffic engineering related projects for both public and private projects. He is experienced with numerous traffic engineering software packages include HCS, SYNCHRO, VISTRO, Tru-Traffic (TSPPDraft), and SIDRA. Jonathan has completed training and has experience using LADOTD's Center for Analytics and Research in Transportation Safety (CARTS) safety tool. He has completed LADOTD's TEPR training.				
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).			
11/19-Ongoing	LADOTD, IDIQ Contract for Design of Safety Projects, Districts 02, 61 and 62, Louisiana. Assisted with the ball bank studies for the signing and striping jobs. Oversaw development of signal plans as a project engineer for signal improvements. This project will provide safety improvements for four parishes within three districts. The tasks included under this project are stage 0 feasibility studies, planning, environmental, design (preliminary and final plans) and construction related engineering. The Local Road Signing Project (LRSP) (Vermilion) includes ball-bank study, striping and signing to improve the safety along roadway segments and curves. The LRSP (Iberia Parish) project includes signage and striping for safety improvements along 30 Miles of roadway. Signal improvements in Lafayette Parish includes the installation of flashing yellow arrows, cabinets, and detection systems for 28 intersections.			
07/24-Ongoing	LADOTD, D02H Flashing Yellow Arrow Part 2, Houma, Louisiana. Project engineer who oversaw the design of 40 traffic signals to update to include flashing yellow arrows. This project involved some full redesigns as well as some partial designs. Oversaw field data collection and plan development. Pedestrian signal equipment was added to designs at applicable locations			
02/23-Ongoing	LADOTD, US 61 at Victoria Pedestrian Study, Baton Rouge, Louisiana. Project engineer who helped determine pedestrian safety issues and propose alternatives to improve the pedestrian safety along this 0.7 mile corridor. Oversaw data collection, which included detailed pedestrian origin-destination counts to determine pedestrian paths and crossing locations along US 61. Oversaw the safety analysis including utilizing the CARTS tool to analyze existing crashes. Developed alternatives for further analysis. The alternative included adding a mid-block pedestrian crosswalk between proposed back-to-back signalized U-turns. This crosswalk is recommended to have audible pedestrian push buttons and pedestrian signal heads to facilitate pedestrian crossings			
03/21-04/24	City of Baton Rouge, MOVEBR Synchronization and Communication Signal Rebuilds (Groups 3 and 4), Baton Rouge, Louisiana. Project engineer responsible for traffic signal design of six intersections including data collection (TMCs, peak period observations, etc.), traffic signal analysis (Synchro), signal timing determination utilizing Synchro and Tru-Traffic software, and design plan preparation. Where applicable, pedestrian signal equipment was added to facilitate pedestrian movements.			



16. Staff Experience

Firm employed by: **FORTE & TABLADA**

Name	Bradley Scott Holleman, PE, PLS		Years of relevant experience with this employer	4
Title	Senior Vice President, Survey/AMM		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		BSCE / 2009 / Civil Engineering (Minor in Land Surveying)		
Active registration number / state / expiration date		PE: #47165 / LA / 03-31-2027 PLS: #5082 / LA / 09-30-2026 Traffic Control Supervisor		
Year registered	2022		Discipline	Civil; Land Surveying
Contract role(s) / brief description of responsibilities		Surveying Task Lead; Boundary Surveys, Title Work, Drainage and ROW Maps MPR 6 7		
Brad has 14 years of experience of managing field crews and office work on on-system LADOTD topographic surveys, boundary surveys and ROW mapping with nine years being the supervising professional and three years as principal. He has managed over 130 task orders under five separate topographic and ROW mapping IDIQ contracts with LADOTD.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/25-Ongoing	LaDOTD, Bridge Bundle Program, District 04, Louisiana. PIC for topographic surveying and establishing existing ROW for nine bridge sites on two-lane state highways for the OLHC.			
08/23-Ongoing	LaDOTD, IJA Off-System Bridge Program, East Baton Rouge Parish, Louisiana. PIC for topographic surveying and ROW mapping services for 13 bridge sites on two-lane roadways.			
12/21-Ongoing	LaDOTD, IDIQ Contract for Professional Surveying Service, Statewide, Louisiana. PIC performing topographic surveys for LADOTD. To date, this IDIQ contract has included a total of nine separate task orders for seven state highway projects. Survey tasks included establishing deep rod control monuments, conventional topographic, hydrographic survey, terrestrial and mobile LiDAR survey, and producing existing drainage maps.			
09/21-Ongoing	LaDOTD, IDIQ Contract for Professional Surveying Services, Statewide, Louisiana. PIC for property surveys, establishing existing ROW, ROW maps and title take-offs for LADOTD.			
06/21-Ongoing	LADOTD, Rural Bridge Replacement Initiative Phase II, Districts 04 and 05, Louisiana. PIC for topographic surveying and ROW mapping services for 20 bridge sites on two-lane rural roadways.			
01/21-Ongoing	LADOTD, I-49 Connector, Lafayette Parish, Louisiana. PIC responsible for providing topographic and property surveying services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long.			
08/19-Ongoing	LADOTD, I-10/Loyola Interchange Improvements, Kenner, Louisiana. Surveyor-in-charge (SIC)/PIC providing topographic survey, ROW survey, drainage survey, and ROW monument mapping. The project stretches along I-10, from the levee in Kenner to the Williams Boulevard off-ramp, as well as Loyola Avenue and portions of Veterans Boulevard for approximately 3.2 miles of roadway. Originally managed a portion of the survey under another firm and is now serving as PIC for any ongoing or new work tasked with.			



Bradley Scott Holleman, PE, PLS

03/24-04/24	LADOTD, Highway 47 Over Bayou Bienvenue Emergency Bridge Replacement, St. Bernard and Orleans Parish, Louisiana. PIC to provide topographic surveying for an emergency bridge replacement of the LA 47 bridge over Bayou Bienvenue. In addition to conventional topographic survey, hydrographic survey of the Bayou was included. The bridge deck features and substructures were scanned through terrestrial LiDAR methods. Due to the emergency status of the project, the project was completed in a condensed timeline.
01/21-12/22	LADOTD, Calcasieu River Bridge (HBI), Calcasieu Parish, Louisiana. PIC for this project providing topographic survey, mobile and terrestrial LiDAR, multibeam hydrographic survey of Lake Charles, and drainage mapping. This project is in a high-traffic industrial area along I-10 and is approximately 7 miles long. This survey included four phases of work, which were completed within a condensed timeline, requiring up to six survey crews being mobilized in order to meet deadlines for each phase.
01/21-06/22	LADOTD, Retainer Contract for Professional Surveying Services, Statewide, Louisiana. PIC performing topographic surveys for LADOTD. This retainer contract included a total of 18 separate task orders for 11 state highway projects. Survey tasks included establishing deep rod control monuments, conventional topographic, hydrographic survey, terrestrial and mobile LiDAR survey, and producing existing drainage maps.
01/21-03/22	LADOTD, Rural Bridge Replacement Initiative Phase I, Districts 04, 05, 08 and 58, Louisiana. PIC for topographic surveying and ROW mapping services for 22 bridge sites on two-lane rural roadways.
11/19-12/20	LADOTD, Calcasieu River Bridge Investigation, Calcasieu Parish, Louisiana. Surveyor to provide mobile LiDAR scanning services for the I-10/Lake Calcasieu bridge in Lake Charles. Terrestrial scans were done underneath the bridge for 10 spans on the east and west side, on top the deck to capture the superstructure, as well as from the water below to capture the sub structure.
01/18-04/20	LADOTD, I-10 (LA 415 to Essen Lane), East Baton Rouge Parish, Louisiana. SIC for the topographic survey and 3D mobile laser scanning. This project was for the widening design of I-10 from LA 415 to Essen Lane in East Baton Rouge Parish. This survey was part of a larger project that extended west to LA 415 and included a team of four survey firms to complete the work on schedule.
04/17-10/19	LADOTD, LA 339 and LA 339S Bayou Parc, Louisiana. SIC for the property survey and ROW map. This project was for the construction of a bridge replacement and improvements along LA 339. The work consisted of conducting field and office analysis to determine the existing ROW and produce a set of ROW maps, according to LADOTD specifications, for acquisition of parcels required for construction.
05/18-04/19	LADOTD, I-10 (Paris Road Lake Pontchartrain), New Orleans, Louisiana. SIC for the topographic survey, 3D mobile laser scanning and existing drainage map. This project was for the design of I-10 improvements of an 8-mile stretch in New Orleans East.
06/16-02/17	LADOTD, Chef Menteur Pass Bridge, Louisiana. SIC for the topographic survey, 3D laser scanning, and existing drainage map. This project was for the design of new bridge to replace the existing swing bridge on US 90 over Chef Menteur Pass. The work consisted of completing a topographic survey, according to the LADOTD Location and Survey Manual.
12/14-03/16	LADOTD, I-12 (LA 21 to LA 59), St. Tammany Parish, Louisiana. SIC for the topographic survey, 3D laser scanning and existing drainage map. This project was for widening of I-12 from LA 21 to LA 59 in St. Tammany Parish.
04/12-09/12	LADOTD, LA 3188 Drainage Improvements, LaPlace, Louisiana. SIC for the topographic survey and existing drainage map. This project was for drainage improvements to resolve localized roadway flooding along LA 3188.

16. Staff Experience

Firm employed by: **FORTE & TABLADA**

Name	Ross Andrew Wilson, PLS		Years of relevant experience with this employer	14
Title	Senior Professional Land Surveyor		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization	BS / 2010 / Geomatics			
Active registration number / state / expiration date	PLS: #5148 / LA / 03-31-2028 Traffic Control Supervisor HYPACK General and Multibeam Certification Examinations			
Year registered	2015	Discipline	Land Surveying	
Contract role(s) / brief description of responsibilities	Topographic and Bathymetric Surveying MPR 6 7			
Ross has 16 years of experience of managing field crews and office work for on-system LADOTD topographic surveys, with over nine years being the professional SIC on these projects. He has managed over 40 task orders under five separate topographic and ROW IDIQ contracts with LADOTD, as well as over 105 bridge surveys throughout Louisiana.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/25-Ongoing	LaDOTD, Bridge Bundle Program, District 04, Louisiana. SIC for topographic surveying and establishing existing ROW for nine bridge sites on two-lane state highways for the OLHC.			
08/23-Ongoing	LaDOTD, IJA Off-System Bridge Program, East Baton Rouge Parish, Louisiana. SIC for topographic surveying and ROW mapping services for 13 bridge sites on two-lane roadways.			
12/21-Ongoing	LaDOTD, IDIQ Contract for Professional Surveying Service, Statewide, Louisiana. SIC performing topographic surveys for LADOTD. To date, this IDIQ contract has included a total of nine separate task orders for seven state highway projects. Survey tasks included establishing deep rod control monuments, conventional topographic, hydrographic survey, terrestrial and mobile LiDAR survey, bridge survey, and producing existing drainage maps.			
06/21-Ongoing	LADOTD, Rural Bridge Replacement Initiative Phase II, Districts 04 and 05, Louisiana. SIC for topographic surveying and ROW mapping services for 20 bridge sites on two-lane rural roadways.			
08/19-Ongoing	LADOTD, I-10/Loyola Interchange Improvements, Kenner, Louisiana. SIC providing topographic survey, ROW survey, drainage survey, bridge survey, and ROW monument mapping. The project stretches along I-10, from the levee in Kenner to the Williams Boulevard off-ramp, as well as Loyola Avenue and portions of Veterans Boulevard for approximately 3.2 miles of roadway. The survey was part of a DB project, which required weekly data updates, to allow the design team to begin working and stay on schedule.			
08/15-Ongoing	LADOTD, I-49 Connector, Lafayette Parish, Louisiana. Survey manager/SIC responsible for providing topographic, terrestrial LiDAR scanning, hydrographic, bridge survey, and property surveying services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long.			



Ross Andrew Wilson, PLS

03/24-04/24	LADOTD, Highway 47 Over Bayou Bienvenue Emergency Bridge Replacement, St. Bernard and Orleans Parish, Louisiana. SIC to provide topographic surveying for an emergency bridge replacement of the LA 47 bridge over Bayou Bienvenue. In addition to conventional topographic survey, hydrographic survey of the Bayou was included. The bridge deck features and substructures were scanned through terrestrial LiDAR methods. Due to the emergency status of the project, the project was completed in a condensed timeline.
05/21-12/22	LADOTD, Calcasieu River Bridge (HBI), Calcasieu Parish, Louisiana. SIC for this project providing topographic survey, mobile and terrestrial LiDAR, multibeam hydrographic survey of Lake Charles, and drainage mapping. This project is in a high-traffic industrial area along I-10 and is approximately 7 miles long. This survey included four phases of work, which were completed within a condensed timeline, requiring up to six survey crews being mobilized in order to meet deadlines for each phase.
06/20-03/22	LADOTD, Rural Bridge Replacement Initiative Phase I, Districts 04, 05, 08 and 58, Louisiana. SIC for topographic surveying and ROW mapping services for 22 bridge sites on two-lane rural roadways.
11/19-12/20	LADOTD, Calcasieu River Bridge Investigation, Calcasieu Parish, Louisiana. Surveyor to provide mobile LiDAR scanning services for the I-10/Lake Calcasieu bridge in Lake Charles. Terrestrial scans were done underneath the bridge for 10 spans on the east and west side, on top the deck to capture the superstructure, as well as from the water below to capture the sub structure. In addition to the terrestrial scans, mobile LiDAR was done for future planning.
07/19-08/19	LADOTD, Danziger Bridge Repair Survey, Orleans Parish, Louisiana. Surveyor responsible for establishing control near the Danziger bridge and using laser scanning methods to monitor the Danziger bridge at different stages of bridge lifts. This survey was necessary due to damage of joints, deck, and girder ends of the fixed spans on both sides of the bridge. This project included utilizing LiDAR data.
01/18-06/19	LADOTD, I-10 (LA 415 to Essen Lane to I-10 and I-12), East and West Baton Rouge Parishes, Louisiana. Survey manager for topographic survey, bridge survey, and terrestrial LiDAR survey of approximately 5 miles of roadway along I-10 and I-12 between Louisiana State University lakes and Essen Lane. Project required the team to mobilize up to five survey crews to meet phased deadlines.
10/18-02/19	LADOTD, Sunshine Bridge Emergency Repair, St. James Parish, Louisiana. SIC responsible for establishing survey control on and near the Sunshine Bridge to use conventional and terrestrial LiDAR scanning methods to monitor the damage on the bridge.
05/17-10/18	LADOTD, Belle Chasse Bridge and Tunnel (HBI), Plaquemines Parish, Louisiana. SIC for comprehensive topographic surveying and drainage mapping for the Belle Chase Bridge and Tunnel Replacement project. Included in this work was a survey performed utilizing traditional methods, terrestrial laser scanning of roadway, bridge and tunnel features, and multi-beam hydrographic surveying of the Algiers Canal and exterior features of the existing tunnel.
03/13-07/15	LADOTD, Almonaster Avenue Lift Bridge, Orleans Parish, Louisiana. Survey manager responsible for performing topographic and property surveys, developing a drainage map, establishing existing ROW for the north line of I- 10, Almonaster Avenue, CSX Railroad property, and terrestrial LiDAR scanning all bridge features.

16. Staff Experience

Firm employed by: 

Name	Jean Reulet III, PLS		Years of relevant experience with this employer	5
Title	Lead Professional - Transportation Survey		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization	BS / 2011 / Geomatics			
Active registration number / state / expiration date	PLS: #5145 / LA / 03-31-2028 ATSSA Traffic Control Supervisor Refresher - LA State Specific ATSSA National Flagger			
Year registered	2015	Discipline	Land Surveying	
Contract role(s) / brief description of responsibilities	Topographic and Bathymetric Surveying MPR 6 7			
Jean's field experience for LADOTD projects began in 2011 where he has been involved in dozens of survey projects of various sizes across the State of Louisiana. He has participated in all stages of topographic survey and ROW map preparation from field data collection to final deliverables according to the LADOTD's Location and Survey Manual. This experience has enabled Jean to develop a very thorough QA/QC process which has been used to train a highly skilled project team. He is experienced in the use of cutting-edge technology such as terrestrial and mobile LiDAR methods for collecting topographic and structural data in an efficient and safe manner.				
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).			
11/21-Ongoing	LADOTD, IDIQ for Professional Surveying Services, Statewide, Louisiana. Project manager/surveyor of record responsible for man-hour estimate preparation and contract negotiations for 12 task orders to date. Coordinates with private landowners, railroads, and other entities to obtain right-of-entry prior to survey commencement. Oversees the topographic data collection and processing, utility research, and drainage map development. Provides QA/QC and ensures delivery according to project schedule.			
09/25-Ongoing	LADOTD, Peters Road Bridge and Extension Phase 3, Jefferson and Plaquemines Parishes, Louisiana. Surveyor of record responsible for field crew oversight, data processing and review, and deliverables preparation. Performing topographic, bathymetric, and property surveys across approximately 2.8 miles of Virgin terrain for construction of a road between Walker Road and Engineers Road, including a bridge over the Intracoastal Waterway and Bayou Barataria. ROW maps were included to aid in acquisition of required ROW.			
06/23-Ongoing	LADOTD, IJJA Off-System Bridge Program, District 08, Louisiana. Senior project manager/surveyor of record who oversees the completion of topographic surveys, property surveys, and ROW maps for the replacement of 12 bridges. Responsible for field crew coordination, project QA/QC, title research, and deliverables preparation, all performed to LADOTD Location and Survey standards.			
07/21-02/24	LADOTD, Rural Bridge Replacement Initiative Phase 2, Districts 04 and 05, Louisiana. Survey project manager who coordinated field crews, processed data daily, and provided QA/QC of deliverables. Performed control, topographic, and ROW surveys for the replacement of 40 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on ROW maps.			



Jean Reulet III, PLS

01/24-02/24	LADOTD, LA 1077 and Brewster Road Roundabout, St. Tammany Parish, Louisiana. Senior project manager who established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 1077 and Brewster Road near Madisonville.
09/22-06/23	St. Tammany Parish Government, Keller Street Bridge Replacement, St. Tammany Parish, Louisiana. Senior project manager who performed field crew coordination, data processing, project QA/QC and management for topographic survey for this bridge replacement project.
09/21-01/23	LADOTD, Rural Bridge Replacement Initiative Phase 1, Districts 04, 05, 08 and 58, Louisiana. Survey project manager who coordinated field crews, processed data daily, and provided QA/QC of deliverables. Performed control, topographic, and ROW surveys for the replacement of 47 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on ROW maps.
08/22-01/26	LADOTD/Ascension Parish, LA 73 Roundabout at Bluff Road Connector, Ascension Parish, Louisiana. Surveyor of record responsible for field crew oversight, data processing and review, and deliverables preparation. Performed topographic survey, property surveys, and ROW mapping for the design and construction of a roundabout at the intersection of LA 73 and the proposed Bluff Road Connector.
07/21-01/22	LADOTD, LA 20 Widening (LA 307 to South Vacherie Avenue), St. James and Lafourche Parishes, Louisiana. Project surveyor who performed QC for the final ROW maps for the asymmetrical widening of a 2.7 mile stretch of LA 20 near Vacherie.
08/19-11/19	LADOTD, LA 1/LA 415 Connector, West Baton Rouge Parish, Louisiana. Senior project manager responsible for field crew oversight, data processing and review, and deliverables preparation. Performed topographic survey for construction of a connector Road between LA 415 and LA 1. This project included a hydrographic survey of a portion of the Intracoastal Waterway.
03/17-04/18	LADOTD, US 190 Collins Boulevard Widening, St. Tammany Parish, Louisiana. Surveyor of record who performed a topographic survey for the widening of approximately 3 miles of US 190 in St. Tammany Parish, including the replacement of a bridge over the Bogue Falaya River. Coordinated with field crews, technicians, and SUE engineer. Provided QA/QC and assisted in deliverables preparation.
02/15-04/16	LADOTD, I-12 (LA 21 to US 190) and I-12 (US 190 to LA 59), St. Tammany Parish, Louisiana. Senior project manager responsible for field crew oversight, data processing and review, and deliverables preparation. Performed topographic survey for widening of I-12, including bridge over the Tchefuncte River.

16. Staff Experience

Firm employed by: **FORTE & TABLADA**

Name	Brent Campbell		Years of relevant experience with this employer	13
Title	Remote Sensing Group Lead		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2013 / Construction Management		
Active registration number / state / expiration date		Traffic Control Supervisor FAAS Team Part 107 Small UAS Recurrent Certification		
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities		Advanced Measurements and Scanning		
Brent is an expert with over a decade of experience using terrestrial and mobile/aerial LiDAR systems and accompanying post-processing and extraction software. His widespread experience managing and overseeing execution of projects involving advanced data capture techniques includes LiDAR, photogrammetry, multibeam bathymetry, and aerial imagery.				
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).			
02/25-06/25	LADOTD, US 167 Median Improvements, Vermilion Parish, Louisiana. Advanced measurements group leader to provide topographic and mobile LiDAR surveying for median improvements of the US 167. The survey included over 2 miles along a divided four-lane highway in a rural area.			
01/16-Ongoing	LADOTD, I-49 Connector, Lafayette Parish, Louisiana. LiDAR technician and group leader responsible for providing terrestrial LiDAR survey of roadway features for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long. Completed terrestrial LiDAR scanning services for much of the congested corridor as a means to obtaining topographic data without endangering surveyors.			
01/23-01/24	LADOTD, US 190 Livingston Parish Line, East Baton Rouge Parish, Louisiana. Advanced measurements group leader responsible for management and QA/QC of performing mobile LiDAR and extraction for project providing topographic survey. This project is in a dense urban area and is approximately 4 miles long. The purpose of the project is to complete a road overlay and drainage improvements. Mobile LiDAR was utilized throughout the project to obtain topographic data without endangering surveyors.			
03/24-03/24	LADOTD, Highway 47 Over Bayou Bienvenue Emergency Bridge Replacement, St. Bernard and Orleans Parish, Louisiana. LiDAR project lead to provide topographic surveying for an emergency bridge replacement of the LA 47 bridge over Bayou Bienvenue. In addition to conventional topographic survey, hydrographic survey of the Bayou was included. The bridge deck features and substructures were scanned through terrestrial LiDAR methods. Due to the emergency status of the project, the project was completed in a condensed timeline.			
05/21-12/22	LADOTD, Calcasieu River Bridge (HBI), Calcasieu Parish, Louisiana. Advanced measurements group leader responsible for mobile LiDAR acquisition and extraction, as well as hydrographic survey acquisition and extraction efforts. The project is in a high-traffic industrial area along I-10 and is approximately 7 miles long. Completed mobile LiDAR scanning services for much of the corridor as a means of obtaining topographic data without endangering surveyors. The survey also included multibeam hydrographic survey of Lake Charles and terrestrial LiDAR scanning of bridge substructures.			



Brent Campbell

03/21-12/21	LADOTD, MOVEBR Florida Boulevard Corridor Enhancement, East Baton Rouge Parish, Louisiana. Mobile LiDAR technician responsible for assisting with capturing mobile data. Responsible for processing and extracting the mobile LiDAR data. This project is in a dense urban area and is approximately 4 miles long. Completed mobile LiDAR services for much of the congested corridor as a means of obtaining topographic data without endangering surveyors.
11/19-12/20	LADOTD, Calcasieu River Bridge Repairs, Calcasieu Parish, Louisiana. Advanced measurements group leader responsible for the management and QA/QC of data and deliverables for the terrestrial laser scans underneath the bridge for 10 spans on the east and west side, on top the deck to capture the superstructure, as well as from the water below to capture the sub structure. In addition to the terrestrial scans, performed mobile LiDAR for future planning.
10/19-10/20	LADOTD, Inspection of Metal Culverts, Statewide, Louisiana. Advanced measurements group leader responsible for the management and QA/QC for inspections and data acquisition for approximately 230 culvert locations statewide. Culvert measurements were acquired with a mixture of 3D laser scanning, sonar, and LiDAR.
06/19-09/19	LADOTD, Danziger Bridge Repair, Orleans Parish, Louisiana. Project manager responsible for topographic and monitoring survey, and terrestrial LiDAR scanning of Danziger bridge. This survey was necessary due to damage of joints, deck, and girder ends of the fixed spans on both sides of the bridge.
01/18-06/19	LADOTD, I-10 (LA 415 to Essen Lane to I-10 and I-12), East and West Baton Rouge Parishes, Louisiana. Project manager responsible for scanning efforts for topographic survey of approximately 5 miles of roadway along I-10 and I-12 between Louisiana State University lakes and Essen Lane. This survey was part of a larger project that extended west to LA 415 and included a team of four survey firms to complete the work on schedule.
10/18-05/19	LADOTD, Sunshine Bridge Emergency Repair, St. James Parish, Louisiana. Project manager responsible for working with the design team to formulate a practical solution for attaining advanced measurements that were compatible with traditional measuring practices which were required for the structural analysis and repair design for the bridge. Additionally, assisted in scanning for incremental bridge movement as well as monitoring bridge movement as LADOTD jacked on members to place new beams using Faro Scene and MicroStation.
05/17 - 10/18	LADOTD, Belle Chasse Bridge and Tunnel (HBI), Plaquemines Parish, Louisiana. Project manager overseeing terrestrial LiDAR and hydrographic survey efforts for comprehensive topographic surveying for the Belle Chasse Bridge and Tunnel Replacement project for LADOTD. Included in this work was a survey performed utilizing traditional methods, terrestrial laser scanning of roadway, bridge and tunnel features, and multi-beam hydrographic surveying of the Algiers Canal and exterior features of the existing tunnel.
10/12 - 03/13	LADOTD, I-10 (Highland to LA 73), East Baton Rouge and Ascension Parishes, Louisiana. Terrestrial LiDAR technician responsible for assisting with scanning of bridges as well as processing and extracting topographic information. Project was a topographic survey of approximately 7 miles to widen the interstate. Terrestrial LiDAR was utilized on all bridges as a means to obtaining topographic data without endangering surveyors.

16. Staff Experience

Firm employed by: 

Name	TJ Beau Stokes, PE		Years of relevant experience with this employer	5
Title	Transportation Practice Leader		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		BS / 2009 / Industrial Engineering		
Active registration number / state / expiration date		PE: #40079 / LA / 03-31-2028 ATSSA Traffic Control Supervisor - LA State Specific SCS Cybersecurity Awareness WBT Training		
Year registered	2015	Discipline	Industrial	
Contract role(s) / brief description of responsibilities		SUE/Utility Relocation Task Lead MPR 8		
TJ brings 17 years of experience in the management and delivery of SUE services, with a specialized emphasis on transportation and roadway infrastructure projects. During his time with LADOTD, he played an instrumental role in supporting the Location and Survey group in the development and implementation of the department's current SUE standards and practices. Serving as lead professional for SUE services, TJ held the role of project manager and EOR on many LADOTD assignments, including several of the largest SUE contracts undertaken by the department. He currently supervises multiple LADOTD and MDOT retainer contracts, in addition to overseeing a large number of public and private sector projects. TJ maintains comprehensive expertise in ASCE/UESI/CIE 38-22 standards and demonstrates proficiency across a full spectrum of SUE technologies, including ground penetrating radar (GPR), hydro and air vacuum excavation, and other advanced geophysical locating methods. He provides strategic leadership and coordination between SUE and survey teams, while ensuring rigorous QA/QC oversight for all SUE deliverables.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/23-Ongoing	LADOTD, IDIQ SUE Services Statewide, Statewide, Louisiana. Transportation practice leader for multiple task orders involving SUE services, providing technical leadership and program oversight throughout project delivery. Oversees the execution of Quality Level B and Quality Level A investigations in accordance with project requirements and applicable industry standards. Directs QA/QC reviews of topographic survey data submitted to LADOTD to verify compliance with ASCE 38-22 guidelines and facilitate accurate utility mapping, coordination, and conflict resolution for transportation infrastructure projects.			
03/24-Ongoing	St. Tammany Parish Government, SUE and Survey IDIQ, St. Tammany Parish, Louisiana. Transportation practice leader, providing management oversight and technical leadership for multiple task orders involving SUE and survey services. Oversees the execution of Quality Level B and Quality Level A investigations to support transportation and infrastructure projects in accordance with project-specific requirements. Directs QA/QC review efforts for topographic survey data submitted to the Parish, ensuring compliance with ASCE 38-22 standards and promoting accurate utility mapping and coordination throughout project development.			
03/21-10/23	LADOTD, IDIQ SUE Services Statewide, Statewide, Louisiana. Project manager and EOR, supporting 15 separate task orders involving SUE and utility coordination. Responsibilities included overseeing and delivering Quality Level B and Quality Level A SUE services in accordance with project-specific scopes. Conducted comprehensive QA/QC reviews of topographic survey data submitted to LADOTD to verify adherence to ASCE 38-02 guidelines. Evaluated and guided all utility coordination processes, including the development of conflict matrices and conflict resolution plans.			



TJ Beau Stokes, PE

05/21-03/24	LADOTD, Calcasieu River Bridge (HBI), Calcasieu Parish, Louisiana. Project manager and EOR responsible for all SUE and utility coordination. Oversaw Quality Level B and Quality Level A SUE and performed QA/QC on the topographic survey submitted to LADOTD to ensure compliance with ASCE 38-02. Reviewed utility coordination procedures including conflict matrix and conflict plan creation.
11/21-02/22	LADOTD, LA 1270 (LA 77 to End of Control Section), Iberville Parish, Louisiana. Contract administrator/EOR responsible for all SUE Quality Level B services and performed QA/QC on the topographic survey performed by LADOTD to ensure compliance with ASCE 38-02. LADOTD Location and Survey field staff performed the topographic survey and we ensured a smooth working environment for data collection.
03/21-01/22	Ascension Parish Government, Move Ascension Program (LA 44 and Parker Roundabout), Ascension Parish, Louisiana. Lead professional who provided SUE services for the LA 44 and Parker Roundabout as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.
02/22-05/22	Ascension Parish Government, Move Ascension Program (Parker Road and LA 929 Widening), Ascension Parish, Louisiana. Lead professional who provided SUE services for the Parker Road and LA 929 Widening project as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.
01/22-07/22	LADOTD, LA 594 (Overpass I-20), Ouachita Parish, Louisiana. Project manager for this interstate widening project in northern Louisiana, overseeing the execution of SUE Quality Level B services to support roadway design efforts. Responsibilities included conducting comprehensive QA/QC reviews of topographic survey data submitted to LADOTD to verify compliance with ASCE 38-02 guidelines and ensure accurate utility identification and depiction throughout the project corridor.
09/23-10/23	LADOTD, LA 327 Spur (Starring Lane Extension), East Baton Rouge Parish, Louisiana. Contract administrator for this accelerated SUE project, providing Quality Level B services along a 1-mile corridor to verify the location of multiple underground sewer force mains. Successfully managed project delivery under an expedited schedule, completing utility investigations and providing all required deliverables within 30 days of NTP.
09/24-11/24	LADOTD, LA 44 (I-10 Roundabouts), Ascension Parish, Louisiana. Project manager and EOR for this project, initiated after roadway design was already underway and utility information was identified as a critical project need. Managed the rapid development of the utility file to prevent impacts to the roadway design schedule. Successfully directed the completion of all Quality Level A and Quality Level B SUE services, including utility file preparation and coordination, within two months of NTP.

16. Staff Experience

Firm employed by: 

Name	Perry Smith, Jr.		Years of relevant experience with this employer	6
Title	SUE Senior Project Manager		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization	AS / 2007 / Electronics			
Active registration number / state / expiration date	ATSSA Traffic Control Supervisor Refresher - LA State Specific SCS Cybersecurity Awareness WBT Training			
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities	SUE			
Perry is a SUE senior project manager with over 22 years of experience in the utility field and has served in various roles. His field experience for LADOTD projects began in 2017 where he has been involved in dozens of SUE projects of various sizes across the state of Louisiana. Perry has participated in all stages of a utility project from field data collection to final deliverable preparation. He has a thorough knowledge of ASCE 38-22, and the technology required to achieve the necessary quality levels.				
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).			
12/23-Ongoing	City of Covington, North Columbia Street Bridge Replacement, Covington, Louisiana. SUE project manager responsible for all SUE Quality Level A and Quality Level B services and performed QA/QC on the topographic survey submitted to the City of Covington to ensure compliance with ASCE 38-02.			
06/21-10/23	LADOTD, Calcasieu River Bridge (HBI), Calcasieu Parish, Louisiana. Task manager who managed all Quality Level A SUE services and provided QA/QC for Quality Level B SUE services to ensure compliance with ASCE 38-02. Performed records research for all utility companies and verified all available records were obtained.			
01/22-07/22	LADOTD, LA 594 (Overpass I-20), Ouachita Parish, Louisiana. Field manager who led the field staff providing SUE Quality Level B and Quality Level C services and performed QA/QC on the field data.			
10/21-03/22	LADOTD, Southern University Ravine Protection, East Baton Rouge Parish, Louisiana. Field manager who led the field staff providing SUE Quality Level B and Quality Level C services and performed QA/QC on the field data. Ensured all work was completed within the truncated time frame.			
11/21-02/22	LADOTD, LA 1270 (LA 77 to End of Control Section), Iberville Parish, Louisiana. Field manager who led the field staff providing SUE Quality Level B and Quality Level C services and performed QA/QC on the field data. Ensured all work was completed within the truncated time frame. LADOTD Location and Survey field staff performed the topographic survey and we ensured a smooth working environment for data collection.			
03/22-09/22	Parish of East Baton Rouge, MoveBR Plank-Nicholson SUE, Baton Rouge, Louisiana. SUE field manager who provided SUE services with the 15 designated project sites in general accordance with the recommended practices and procedures described in ASCE Publication CI/ASCE 38-22, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Collins Landry	Years of relevant experience with this employer	7
Title	Senior Field Representative	Years of relevant experience with other employer(s)	34
Degree(s) / Years / Specialization	HS / 1983 / Agricultural Education		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Utility Relocation		

Collins has more than 40 years of experience in state government, with extensive experience in utility relocation and permitting and roadway inspection. Throughout his career, he has been responsible for management of projects and coordinating utility relocation for LADOTD on over 100 road projects covering all of District 61. He has coordinated utility relocation in nine parishes and has extensive networking with contacts from across the nation.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
03/21-Ongoing	East Baton Rouge Parish, MOVEBR CIP, East Baton Rouge Parish, Louisiana. Senior utility coordinator for this \$800 million roadway capacity improvement program, Collin is managing utility coordination for the following projects in the program: South Choctaw, Flannery to Central Thruway: Utility coordinator on all road construction involving utilities. Managing all utility agreements and light and relocation plans; reviewing all construction plans to determine what utilities are in conflict; and reviewing invoices and back up data prior to submittal for payment. McHugh Road, Groom Road to Lower Zachary: Utility coordinator on all road construction involving utilities. Acquiring construction plans to determine what utilities are in conflict and reviewing invoices and back up data prior to submittal for payment. Mall of Louisiana: Utility coordinator on all road construction involving utilities. Acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities are in conflict, reviewing invoices and back up data prior to submittal for payment, and coordinating with the City of Baton Rouge Survey crew to stake out the ROW and putting station stakes out. Jefferson at Bluebonnet Intersection Improvement: Utility coordinator on all road construction involving utilities. Acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities are in conflict, and reviewing invoices and back up data prior to submittal for payment. Midway Piccardy to Constantine: Utility coordinator on all road construction involving utilities. Acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities are in conflict, and reviewing invoices and back up data prior to submittal for payment. Constantine Phase 2 Midway to Bluebonnet: Utility coordinator on all road construction involving utilities. Acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities are in conflict, and reviewing invoices and back up data prior to submittal for payment. Old Hammond Highway Segment 1 and 2: Utility coordinator on all road construction involving utilities. Acquiring all utility agreements, light and relocation plans, reviewing all construction plans to determine what utilities are in conflict and reviewing invoices and back up data prior to submittal for payment.



16. Staff Experience

Firm employed by: **HNTB**

Name	Brian Powell, PE		Years of relevant experience with this employer	24
Title	Geotechnical Senior Project Manager		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	MS / 2007 / Civil Engineering (Geotechnical) BS / 2002 / Civil Engineering			
Active registration number / state / expiration date	PE: #41551 / LA / 09-30-2027			
Year registered	2017	Discipline	Civil	
Contract role(s) / brief description of responsibilities	Geotechnical Engineering Task Lead MPR 9			
Brian's design experience includes pavement, levees, embankments and floodwalls, temporary and permanent earth retention systems, settlement, slope stability, seepage and cutoff, shallow and deep foundations, lightweight fill, soil improvement and geosynthetics. He is also experienced in directing geotechnical subsurface investigations, ordering laboratory testing, managing and mentoring project staff, preparing and reviewing reports, plans and specifications, evaluating alternatives and performing construction monitoring and materials testing.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/24-Ongoing	LADOTD, LA 47 over Bayou Bienvenue Emergency Bridge Replacement, Orleans Parish, Louisiana. Senior technical reviewer for an off-alignment emergency bridge replacement. Responsible for review during the construction phase pile driving.			
08/15-Ongoing	LADOTD, LA 1 Leeville to Golden Meadow Phase 2, Leeville, Louisiana. Geotechnical task lead who oversaw design for Phase 2 reinforced concrete pile supported T-wall flood wall design and construction stage pile driving oversight. The overall project includes the construction of nine miles of bridge supported on precast prestressed square 18-inch and 30-inch concrete piles from Leeville to Golden Meadow and a 300-foot flood wall at the Larose to Golden Meadow levee system that required a 408-permit with the USACE. Geotechnical tasks included T-wall-type flood wall design and H-pile foundation support, seepage cutoff, and global stability analyses according to USACE HSDRRS design guidelines with a 3D settlement analysis to estimate flood wall subsidence. Currently overseeing static and dynamic load testing, including a team of three pile dynamic analyzer staff and static load test subconsultant for phases 2A, 2B, 2C, and 2E that includes nearly 600 load tests for approximately 100 miles of piling.			
01/20-Ongoing	LADOTD, I-10/Loyola Interchange DB OV, Jefferson Parish, Louisiana. Senior geotechnical contributor for the DB OV CEI support services contract. Responsibilities include review of design reports, design criteria, adherence to the performance-based specifications and constructability of DB's progress submittals of this critical interchange connecting I-10 and Loyola Avenue through the local urban communities and downtown New Orleans to the LANOIA terminal expansion.			
08/18-Ongoing	USACE, Technical Support for Engineering Division, New Orleans, Louisiana. Geotechnical engineer and project manager for the project reach for the Comite River Diversion channel. The \$767,000 scope includes updating the construction documents for consistency with current agency design requirements and recent agency comments following flooding in the area. HNTB is responsible for managing the subsurface investigation and testing, updating the plans and specifications, DDR, Engineering Considerations and Instructions for Field Personnel, responding to Architect Engineer Quality Review; Agency Technical Review; Biddability, Constructability, Operability, Environmental, and Sustainability; comments, Engineering During Advertisement, and Engineering During Construction (EDC).			



Brian Powell, PE

06/12-Ongoing	LADOTD, I-10 Calcasieu River Bridge EIS, Lake Charles, Louisiana. Geotechnical lead whose responsibilities included evaluating reuse of bridge foundations and newly constructed traditional and non-traditional foundation types for all bridge structures being replaced within the study limits. Alternatives include deep foundations, deep foundations used at intermediate depths, shallow compensated or floating foundations, timber pile reuse, and deep foundation supported load platforms for bridge approaches. Focus was on elevated interchanges and developing geotechnical design solutions to reduce the risk of negative impacts from hazardous chemicals present in the foundation soils. Current efforts include evaluating geotechnical considerations for bridges and approaches associated with at-grade infrastructure so that the final solution ensures traffic and safety improvements.
02/20-Ongoing	East Baton Rouge City-Parish, MOVEBR New Capacity Improvements Projects, East Baton Rouge City-Parish, Louisiana. Senior geotechnical engineer who is responsible for technical oversight for 40 planned MOVEBR roadway improvement projects including providing additional capacity on existing routes or new routes through green fields in East Baton Rouge Parish. Responsible for developing project geotechnical and pavement design guidelines in accordance with LADOTD requirements, review of scope and fee for design proposals, and review of technical geotechnical and pavement submittals for conformance with program design criteria for development of construction documents.
01/18-06/19	LADOTD, LA 23 Belle Chasse Bridge and Tunnel Replacement P3, Belle Chasse, Louisiana. Geotechnical technical procurement team member on this alternative delivery bridge and tunnel replacement project, tasked with the development of technical procurement documents. This P3 project, the first of its kind in Louisiana, will replace two obsolete highway facilities with one new fixed-span bridge.
07/18-04/19	LADOTD, US 90 over LA-14 Bridge Reconstruction, Iberia Parish, Louisiana. Geotechnical engineer on the replacement of US 90 over LA 14 that included drilled shaft construction and MSE walls. The proposed two span bridge will carry US 90 traffic and is designed to be supported on drilled shaft foundations with MSE walls at the approach embankments. Tasks included substructure design of deep foundations for the new bridge over LA 14 including drilled shafts, steel H-piles, and the MSE wall design and settlement calculations.
07/18-04/19	LADOTD, LA-532 over I-20 Bridge Replacement, Webster Parish, Louisiana. Geotechnical engineer for an off-alignment bridge replacement with an accelerated design and plan development schedule. Geotechnical tasks included the design for drilled shaft foundations and the development of bi-directional load tests.
02/19-12/19	MDOT, US 80 Bridge Replacement Over The Kansas City Southern Railroad, Rankin County, Mississippi. Geotechnical engineer for this project which consisted of the replacement of a two-lane northwest bound bridge and a two lane southeast bound bridge northwest of I-20. The proposed bridges were designed to be founded on drilled shafts in unique soil conditions. Geotechnical engineering tasks included QC of the deep foundation shaft analyses and recommendations, including bi-directional load test plans, temporary shoring design, settlement analysis and slope stability analysis.
10/18-05/19	LADOTD, LA 15 Over Boeuf River Bridge Replacement, Richland Parish, Louisiana. Geotechnical engineer for this off-alignment bridge replacement. Geotechnical tasks included foundation design using precast, pre-stressed concrete piles, drivability, seismic evaluation, approach embankment settlement calculations, and slope stability.
01/18-10/18	MDOT, I-20 Eastbound Bridge at I-55 South, Hinds County, Mississippi. Geotechnical engineer who was responsible for review of original design and geotechnical investigation, additional drilling program as well as the design the of the bridge foundation, temporary and permanent shoring, embankment settlement analysis, slope stability, including H-Pile stabilization.

16. Staff Experience

Firm employed by: **HNTB**

Name	Jared Sommers, PE		Years of relevant experience with this employer	15
Title	Senior Geotechnical Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2012 / Civil Engineering BS / 2007 / Mathematics		
Active registration number / state / expiration date		PE: #40978 / LA / 03-31-2027		
Year registered	2016	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Geotechnical Engineering		
Jared is a geotechnical project engineer experienced in developing work scopes, managing subsurface investigations, design, plans, and preparing specifications for geotechnical aspects of transportation, bridge, railway, aviation, architectural, environmental and water infrastructure projects for private sector, municipal, state and federal clients. He has engineering experience in Louisiana, Mississippi, Texas, Arkansas, Missouri, Illinois, Utah, and Iowa. His expertise includes levees, embankments, floodwalls, settlement, slope stability, seepage and deep foundations.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/24-Ongoing	LADOTD, LA 47 over Bayou Bienvenue Emergency Bridge Replacement, Orleans Parish, Louisiana. Geotechnical engineer for an off-alignment emergency bridge replacement. Geotechnical tasks included foundation design using precast, prestressed concrete piles, including both axial and lateral loading and slope stability, as well as engineering during construction.			
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Geotechnical SME for the I-10 Calcasieu River Bridge Replacement project. Led a team of engineers to review reports, plans, and specifications relating to the bridge replacement project through all phases of the project.			
11/25-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Geotechnical review lead, representing LADOTD in the replacement of 21 of 62 bridges by the OLHC to ensure the projects are designed and constructed in a manner that maintains their status for federal aid eligibility based on FHWA and LADOTD standards, as well as review of serviceability and safety concerns.			
03/24-Ongoing	East Baton Rouge Parish, Off-System Bridge Program, East Baton Rouge Parish, Louisiana. Geotechnical engineer responsible for the design of 13 off system bridges across East Baton Rouge Parish. Responsibilities consisted of pile tip determination, required nominal pile resistance, slope stability, settlement and bearing capacity, as well as sheet pile wall design.			
01/23-Ongoing	LADOTD, LA 327 over Bayou Fountain Bridge Replacement, East Baton Rouge Parish, Louisiana. Geotechnical engineer for a bridge replacement over Bayou Fountain. Responsibilities consisted of pile tip determination for precast, prestressed concrete piles, required nominal pile resistances, slope stability, drivability, as well as engineering during construction.			
09/20-03/21	LADOTD, LA 1 over Caddo Lake Bridge Replacement, Caddo Parish, Louisiana. Geotechnical engineer for an off-alignment bridge replacement. Geotechnical tasks included foundation design using precast, prestressed concrete piles, drivability, approach embankment settlement calculations, and slope stability.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Brad Wilder, PE	Years of relevant experience with this employer	15
Title	Senior Geotechnical Engineer	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization	MS / 2007 / Geotechnical Engineering BS / 1999 / Geotechnical Engineering and Geology		
Active registration number / state / expiration date	PE: #40735 / LA / 09-30-2026		
Year registered	2016	Discipline	Civil
Contract role(s) / brief description of responsibilities	Geotechnical Engineering		
Brad is a geotechnical engineer with more than 20 years of experience. His experience includes multiple complex infrastructure design projects including residential, industrial, municipal, government and commercial projects. His geotechnical experience includes a variety of subsurface explorations, geophysical explorations, analysis and foundation design for buildings, roadways, bridges, embankments and retaining walls. He has design and construction experience with deep foundations, retaining walls and ground improvement methods for stability and settlement mitigation. He is experienced using the following engineering software: MicroStation V8i, gINT, GRLWEAP, PDA-S, CAPWAP, LPILE, APILE, GROUP, SHAFT, Slope/W, Seep/W, Sigma/W, DEEPEX and Settle3.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/20-Ongoing	LADOTD, I-10/Loyola Interchange DB OV, Jefferson Parish, Louisiana. Senior geotechnical engineer for the DB OV CEI support services contract. Responsibilities include review of design reports, design criteria, adherence to the performance-based specifications and constructability of design-builder's progress submittals. Senior technical reviews include verifying pavement design reports, deep foundation support and load tests for new roadway flyover and canal bridges, embankment settlement and preload evaluations, slope stability, and sound wall stability meet LADOTD design standards.		
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Geotechnical engineer for the I-10 Calcasieu River Bridge replacement project. Responsible for reviewing reports, plans, and specifications relating to the bridge replacement project through all phases of the project.		
03/24-Ongoing	LADOTD, Off System Bridge Program, East Baton Rouge Parish, Louisiana. Providing technical assistance and design overview of 13 off system bridges. Design tasks consisted of pile tip determination, required nominal pile resistance, slope stability, settlement and bearing capacity as well as sheet pile wall design.		
08/15-Ongoing	LADOTD, LA 1 Bridge, Phase 2, Golden Meadow, Louisiana. Senior geotechnical engineer responsible for assisting with review of pile driving data and construction engineering support. Responsible for deep foundation testing analyses including CAPWAP signal matching software. HNTB coordinated with LADOTD to provide preliminary and final design services for phase 2 of the project, an 8-mile elevated span currently under construction. The bridge is replacing a long section of at-grade roadway that frequently requires closures and maintenance due to hurricane storm surge events.		
04/18-07/18	City of New Orleans, Morrison Road Bridges (Benson Canal and Farrar Canal), New Orleans, Louisiana. Geotechnical engineer responsible for design and preparation of construction documents for two bridge replacements. Design tasks included soil shear strength parameter development, driven pile axial capacity analysis and tip recommendations, lateral deflection analysis, preliminary drivability analysis, and abutment slope stability analysis.		





Brad Wilder, PE

12/20-Ongoing	East Baton Rouge Parish, MOVEBR New Capacity Improvements Projects, East Baton Rouge Parish, Louisiana. Senior geotechnical engineer who reviews reports and plans for roadway improvement projects in East Baton Rouge Parish. Responsible for reviewing project geotechnical and pavement design guidelines in accordance with LADOTD requirements and review of technical geotechnical and pavement submittals for conformance with program design criteria for development of construction documents.
01/16-Ongoing	CPRA, Houma Navigation Canal Lock Complex (HNC Lock Complex) Salinity and Flood Control Project OV Review, Terrebonne Parish, Louisiana. Senior geotechnical engineer responsible for performing geotechnical inspection test report. The HNC lock complex is a major component of the Morganza to the Gulf of Mexico HSDRRS and is a salinity and flood control project. The geotechnical review consisted of technical design, constructability and operability review for the project. Major components of the project include a pile-supported lock with two sector gates, pile-supported floodgate with slice gates, closure wall consisting of pile-supported T-walls and braced sheet pile floodwall, earthen levee transitions, pile-supported maintenance and operations structures, and marine structures including guidewalls, nose piers and protection barriers. Axial and lateral pile load tests were also performed and reviewed.
1/20-Ongoing	CPRA, West Shore Lake Pontchartrain (WSLP) 109 Levee and Floodwall Design, St. John the Baptist Parish, Louisiana. Senior geotechnical engineer responsible for geotechnical reviews for approximately 1 mile of earthen levee embankment and T-wall type floodwall for nine pipeline crossings. Design includes the development of strength and consolidation design parameters, earthen levee embankment design including slope stability, settlement and seepage; T-wall design including pile capacity analyses, group settlement, downdrag, and settlement induced bending evaluations, and T-wall tie-in design including preloading and wick drains.
05/20-12/21	SLFPA-E, Engineering IDIQ, Lake Ponchartrain and Vicinity, Louisiana. Geotechnical engineer responsible for performing an analysis for a tripping dolphin pier protection replacement structure. The project is in the Orleans Levee District and involves the replacement of a total of ten tripping dolphins within the Gulf Intracoastal Waterway (GIWW). Geotechnical analysis included shear strength evaluation and behavior of pile groups under both axial and lateral loading using a model created with GROUP software. HNTB provided engineering design services for final design, permitting and bid phase services.
01/19-12/20	St. Tammany Parish, FEMA Digital Flood Insurance Rate Map (DFIRM) Appeal, St. Tammany Parish, Louisiana. HNTB helped negotiate an active appeal to FEMA regarding the coastal analysis utilized for the current preliminary DFIRMs. The project included collecting and providing the documentation to support the use of an updated coastal analysis. It also included evaluating the Levee Analysis Mapping Process (LAMP) approach that was utilized in generating the Base Flood Elevations in the levied areas based on the older coastal data and providing recommendations to the Parish. Responsible for the LAMP review, collection of St. Tammany Parish flood control project documentation and a preliminary levee implementation plan including cost estimates. Worked in close coordination with the local St. Tammany Parish government to help with technical guidance, data collection, report reviews and FEMA coordination.
05/19-Ongoing	USACE Kansas City, Flood Risk Management Project, Kansas City, Missouri and Kansas City, Kansas. Senior geotechnical engineer for the 17 miles of levee and floodwall raise providing construction documents for the Armourdale and Central Industrial District levee units within the \$453 million levee raise project protecting over \$9.5 billion in infrastructure. HNTB design includes new or modifications to levee, floodwall, gateways, utility relocations, stoplog closures, sandbag closures, and pump station abandonments. Senior geotechnical team member responsible for development of geotechnical design criteria for the project, overall technical quality control for geotechnical design and preparation of project design documentation.
11/18-12/20	TxDOT, US 90 Overpass at FM 1413, Liberty County, Texas. Senior geotechnical engineer responsible for design of drilled shaft foundations. HNTB was contracted by TxDOT to prepare design and construction documents for a proposed bridge at US 90 overpass FM 1413. The originally proposed US 90 bridge four span bridge supported on 54-inch drilled shaft with abutments on MSE walls. Due to schedule and poor soil conditions it was opted to increase the length of the bridge to a 22-span bridge. Responsible for drilled shaft calculations including shaft group capacity and settlement, shaft downdrag, and lateral squeeze.

16. Staff Experience

Firm employed by:  Ardaman
& Associates, Inc.

Name	Megan G. Bourgeois, PE		Years of relevant experience with this employer	20
Title	Principal Engineer/Assistant Branch Manager		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2006 / Civil Engineering		
Active registration number / state / expiration date		PE: #0036725 / LA / 03-31-2028 ATSSA Traffic Control Supervisor Refresher - LA State Specific ATSSA National Flagger		
Year registered	2011	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Geotechnical Engineering MPR 9		
Megan has more than more than 20 years of experience with shallow foundation design, embankment settlement analysis, pile and drilled shaft foundation analysis, LRFD design, slope stability (embankment and excavation), pipeline and pump station recommendations, geotechnical instrumentation, installation and monitoring, and construction phase testing and laboratory management. She has managed numerous geotechnical investigations and design evaluations, managed laboratory testing programs, while also serving as Ardaman's program manager for many LADOTD projects for bridges and roadways throughout Louisiana. Megan also serves as the director of geotechnical engineering laboratory in Baton Rouge, where she supervises the laboratory manager, oversees testing, provides guidance to laboratory staff, and ensures appropriate protocol is followed and deadlines are met in addition to providing training material and maintaining all laboratory certifications, including AMRL, CCRL, DEQ and USACE.				
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).			
07/23-Ongoing	LADOTD, MRB South GBRL (LA 1 TO LA 30 CONNECTOR), West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, Louisiana. Project engineer for the project which consists of an enhanced planning investigation with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Helped oversee supervision of the field program, development of the laboratory testing program, QC review, and development of an interactive geotechnical database to compile all the soil borings and electric cone penetration tests (ECPT). The preliminary engineering analyses included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations.			
07/21-01/22	LADOTD, I-10 Calcasieu River Bridge (HBI), Calcasieu Parish, Louisiana. Project manager who handled all aspects of this project pertaining to coordination of fieldwork including 37 deep soil borings, 39 ECPTs and 13 geophysical survey transects. A majority of the soil borings were completed from a barge over deep water, some from a marsh buggy over shallow water and thick marsh grass. Managed and oversaw the laboratory testing program and processing and analyzing of the ECPT and ER data. Assisted with development of a geotechnical database and preparation and submittal of a geotechnical data report. This project consisted of obtaining geotechnical data under a strict deadline to be used in the design of a replacement of the existing I-10 Calcasieu River Bridge with a new structure and improvements to various other interchanges.			



Megan G. Bourgeois, PE

04/21-Ongoing	LADOTD, Rural Bridge Initiative Phase 2, West and East Feliciana, Livingston, and St. Bernard Parishes, Louisiana. Project engineer for the project which consists of the replacement of multiple small two-lane bridges throughout rural areas of southeast Louisiana which generally ranged in length from 100 to 400 feet, over various size rivers and creeks. Leads technical reviews pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses, construction testing program recommendations, and report preparation in accordance with LADOTD guidelines.
02/20-Ongoing	LADOTD, Design Support Services for LA 23 (Belle Chasse Bridge and Tunnel), Plaquemine Parish, Louisiana. Project engineer and laboratory director for review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFIs for the P3 project consisting of replacing the Belle Chasse bridge and tunnel. Performs acceptance verification sampling and testing during the construction for soils and concrete. Assisted in review and acceptance of geotechnical services as well as QC and review of all acceptance verification sampling and testing during construction.
07/15-Ongoing	LADOTD, I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange), Lafayette Parish, Louisiana. Project engineer who is assisting the program manager in overseeing the geotechnical investigation and design of the 5 miles of freeway consisting of a 3.5-mile elevated structures that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, pavement design, advanced pile load test programs, and earth retaining structures. Overseeing laboratory program which will include a total of more than 400 borings including deep borings, shallow borings, and CPT soundings. Helping develop the geotechnical investigation and design report.
10/09-Ongoing	MDOT, I-20 Mississippi River Bridge Review, Vicksburg, Mississippi. Project manager who manages this highly technical project consisting of investigating movement of the I-20 Bridge in Vicksburg. Managed a highly technical team including academia, experts, including internationally recognized geotechnical engineers, geohydrologists, instrumentation specialists, and 3D geotechnical modeling experts. Managed and oversaw a comprehensive laboratory testing program and was involved in refining the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. Performed or managed specialized testing that included x-ray diffraction, x-ray scanning to identify existing shearing planes and stress-reversal direct shear tests to determine true residual angles of critical strata. Designed the geotechnical instrumentation program for this project including vibrating wire piezometers, Casagrande type piezometers, SAA inclinometers, and traditional inclinometers. Performed soil, seepage, and drawdown analyses, slope stability analyses, evaluation of remedial measures including design and evaluation of large foundation structures and developed technically feasible solutions to mitigate ground movement. Co-authored the geotechnical analysis and design report. Currently overseeing the comprehensive monitoring program.
09/22-12/25	LADOTD, Evangeline Road and CN Railroad Culvert, St. Charles Parish, Louisiana. Project engineer who completed subsurface exploration and geotechnical engineering evaluation. The project consists of the installation of two reinforced concrete box culverts (RCBC) on the north and south sides of the CN Railroad as it crosses over Evangeline Road near Montz in St. Charles Parish. Performed the geotechnical fieldwork and engineering evaluation including recommendations for site preparation, shoring and bedding recommendations, and pavement design in a final report.
11/21-Ongoing	LADOTD, US 371 (KPKC Railroad Overpasses HBI), Webster Parish, Louisiana. Project engineer on the project which consists of construction of three bridges for US 371 KPKC Railroad overpasses that replaced two parallel bridges and one standalone bridge. Performed the geotechnical investigation and engineering analysis for drilled shafts and made advanced test shaft recommendations.

16. Staff Experience

Firm employed by:  Ardaman
& Associates, Inc.

Name	Ross McGillivray, PE		Years of relevant experience with this employer	29
Title	Principal Engineer		Years of relevant experience with other employer(s)	29
Degree(s) / Years / Specialization		MS / 1968 / Civil Engineering (Soil Mechanics) BCE / 1966 / Civil Engineering		
Active registration number / state / expiration date		PE: #17920 / FL / 02-28-2027		
Year registered	1998		Discipline	Civil
Contract role(s) / brief description of responsibilities		Geotechnical Engineering		
Ross provides technical review and consultation on multiple types of foundations including building and bridge foundations, geotechnical and materials engineering for port facilities, pavement systems, earth structures, surface mining, groundwater hydrology, and sinkhole evaluation and remediation. He has supported projects across Ardaman's Florida, Baton Rouge, and New Orleans offices, including multiple LADOTD projects. From 1968 to 1970, he managed MIT's soil mechanics lab and researched soil and industrial waste behavior. At a pervious firm, he worked on soil stability and anchor capacity for Caracas's Parque Central retaining wall and helped develop a permafrost and soil mechanics lab in Anchorage. In 1975, he founded ARMAC Engineers, focusing on foundations, sinkhole remediation, mine slope stability, and earthen dams. He joined Ardaman in 1996 as a senior engineer, contributing to mining and foundation projects.				
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).			
07/23-Ongoing	LADOTD, MRB South GBRL (LA 1 to LA 30 Connector), West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, Louisiana. Principal engineer on the project which consists of an enhanced planning investigation with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Reviewed all design aspects of this project including caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations.			
07/21-Ongoing	LADTOD, I-10 CMAR (LA 415 to Essen Lane on I-10 and I-12), Baton Rouge Parish, Louisiana. Project engineer on the project which consists of widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles. Reviewed all design aspects of this project including pile and drilled shaft foundations, detailed soil structure interactions with existing bridges, bi-directional O-cell tests oversight, review, and redesign, and reporting.			
09/20-12/25	LADOTD, I-10 and I-12 College Drive Flyover Ramp, Baton Rouge Parish, Louisiana. Principal engineer who assisted with review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFIs for the construction of a flyover ramp on I-10.			
02/20-Ongoing	LADOTD, Design Support Services for LA 23 (Belle Chasse Bridge and Tunnel), Plaquemine Parish, Louisiana. Project engineer who assisted with review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFIs for the P3 project consisting of replacing the Belle Chasse bridge and tunnel.			
10/18-11/21	LADOTD, I-220/I-20 Interchange Improvement and Barksdale Air Force Base (BAFB) Access Road, Bossier Parish, Louisiana. Principal engineer for this DB project which provides direct access to I-20 from BAFB and constructing an interchange and access road from I-20 in Bossier City. Helped review and perform analyses of the drilled shaft bi-directional O-cell tests.			



Ross McGillivray, PE

11/15-Ongoing	LADOTD, MacArthur Interchange Completion Phase 2 (Route US 90-Z), Jefferson Parish, Louisiana. Principal engineer who reviewed and evaluated the capacity of tip-grouted drilled shafts utilizing CPT sounding data for phase 2 of the MacArthur interchange consisting of construction ramps entering and exiting Westbank Expressway.
06/09-02/10	FDOT, SR 686 Overpass Bridge, St. Petersburg, Florida. Principal engineer for the project, which was a bridge that was 1,500 feet long, crossed a solid waste landfill lined with a slurry wall and in-situ clay. The original foundation design used 24-inch prestressed concrete piles inside 36-inch steel casings, grouted in place. Evaluated alternatives and proposed non-redundant drilled shafts to minimize penetrations of the clay liner. The final design included 36-, 48-, and 60-inch drilled shafts. Two esterberg cell load tests with 2-inch styrofoam toes measured skin friction above and below the cell. Conducted pilot borings and inspected all drilled shaft installations.
05/05-11/05	FDOT, I-10 Bridges over Escambia Bay, Pensacola, Florida. Principal engineer for the bridge which was damaged by Hurricane Ivan in 2004, consisted of two 2.6-mile, three-lane bridges with 103 spans each. Led geotechnical engineering for the replacement foundation design. This was Florida's first use of 36-inch voided prestressed concrete piles since 1972. Driving criteria were set for two pile hammers with 150 kip-foot energy but differing ram weights (30 and 60 kips). Wave Equation Analyses and PDA/CAPWAP showed that the lighter ram hammer was marginal for production piling installation. Vertical and lateral load tests correlated well with static capacity and PDA/CAPWAP analyses, with lateral load results requiring soil strengths from CPTs for accurate modeling.
09/01-11/01	LADOTD, I-10/I-12 Sound Walls, Wall 6 (Design Lateral Load Test on Drilled Shafts/Sound Wall Shaft Cross-Hole Sonic Log (CSL) Evaluation), Baton Rouge, Louisiana. Principal engineer who performed a re-design for the drilled shafts supporting the I-10/I-12 sound wall system in Baton Rouge, and performed an instrumented lateral load performance on a 48-inch diameter drilled shaft. The results of the load test compared analyses performed with standard penetration test boring data to analyses performed with CPT sounding data. Evaluated the results of CSL tests on installed drilled shafts and developed repair procedures when drilled shafts were shown to have CSL detected flaws. The repair procedures were accepted by LADOTD for the project.

16. Staff Experience

Firm employed by:  Ardaman
& Associates, Inc.

Name	Robert Jewell, PE		Years of relevant experience with this employer	19
Title	Principal Engineer/Branch Manager		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering		
Active registration number / state / expiration date		PE: #28579 / FL / 09-30-2026 ATSSA Traffic Control Supervisor Refresher - LA State Specific ATSSA National Flagger		
Year registered	2013	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Field Investigations and Lab Testing		
Robert brings 19 years of experience with design and analyses of countless types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), LRFD design, FHWA and GEC design, slope stability (embankment and excavation) and earth retaining structures. He has managed and coordinated many geotechnical field investigations, including shallow and deep borings, CPT soundings, and performed analyses and prepares design recommendation reports for LADOTD projects. Robert has extensive experience in construction phase testing and oversight including dynamic and static testing, pile integrity testing, CSL, settlement monitoring, and geotechnical instrumentation. In particular, he has over 15 years of experience performing, analyzing, and reporting for PDA testing.				
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).			
07/23-Ongoing	LADOTD, MRB South GBRL (LA 1 to LA 30 Connector), West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, Louisiana. Principal manager on the project which consists of an enhanced planning investigation with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Managed supervision of the field program, development of the laboratory testing program, QC review, and development of an interactive geotechnical database to compile all the soil borings and ECPT. Helped oversee the preliminary engineering analyses which included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations. A data report and preliminary geotechnical assessment report were submitted.			
07/21-Ongoing	LADOTD, I-10 CMAR (LA 415 to Essen Lane on I-10 and I-12), Baton Rouge Parish, Louisiana. Project manager on the project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles. Currently oversees all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. Helped develop the geotechnical data reports, memorandums, and design reports for this project.			
06/20-06/21	LADOTD, Nicholson Drive (LA Highway 30 Segment 1), East Baton Rouge Parish, Louisiana. Project engineer on the project that consisted of the reconstruction and widening of a section of Nicholson Drive between the intersections of Brightside Lane and Burbank Drive for the MOVEBR Program. 13 shallow soil borings and two deep soil borings were drilled at the subject site and associated laboratory testing was performed. Engineering analyses included pavement and culvert crossing design recommendations in accordance with LADOTD specifications.			



Robert Jewell, PE

11/21-Ongoing	LADOTD, US 371 (KPKC Railroad Overpasses HBI), Webster Parish, Louisiana. Project manager on the project which consists of construction of three bridges for US 371 KC Railroad overpasses that replaced two parallel bridges and one standalone bridge. Performed the geotechnical investigation and engineering analysis for drilled shafts and made advanced test shaft recommendations.
04/21-Ongoing	LADOTD, Rural Bridge Initiative Phase 2, West and East Feliciana, Livingston, and St. Bernard Parishes, Louisiana. Project manager for the project which consists of the replacement of multiple small two-lane bridges throughout rural areas of southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers, and creeks. Oversees all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses and construction testing program recommendations.
10/18-11/21	LADOTD, I-220/I-20 Interchange Improvement and BAFB Access Road, Bossier Parish, Louisiana. Principal engineer for this DB project which provides direct access to Interstate I-20 from BAFB and constructing an interchange and access road from I-20 in Bossier City. Managed and oversaw the preparation of the preliminary design and planning report. Oversaw the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring. The PDA program consisted of monitoring PPC piles during initial drive and restrikes to allow for evaluation of setup and early acceptance of pile resistances.
10/15-10/21	LADOTD, Pecue Lane I-10 Interchange, East Baton Rouge Parish, Louisiana. Project engineer on this project which consisted of twin bridges with MSE wall abutments for both bridges crossing I-10, a bridge crossing Ward's Creek, and on/off-ramps in south Baton Rouge. Helped perform analyses including settlement estimates with recommendations for monitoring, driven pile and drilled shaft design including down drag considerations, MSE wall design, slope stability and pavement section recommendations; all completed according to LADOTD standards. Oversaw the construction phase which includes PDA monitoring, static load testing, and settlement monitoring.
07/15-Ongoing	LADOTD, I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange), Lafayette Parish, Louisiana. Project manager of this project which consists of construction of 5 miles of freeway consisting of a 3.5-mile elevated structure from I-10 to the Airport in Lafayette. Oversaw the completion of the phase I geotechnical investigation, which included 116 deep and shallow soil boring, and 15 CPT soundings, and laboratory testing program per LADOTD guidelines. Oversaw the completion of the geotechnical data report and assisted with technical reviews pertaining to selection of design reaches, geotechnical design of pile and drilled shaft foundations, drivability, slope stability, earth retaining structures, settlement analyses and construction testing program recommendations, including an advanced test pile program. Currently overseeing development of the Phase 2 field and laboratory program for each segment.
04/14-Ongoing	LADOTD, I-12 to Bush Segment 2 (LA 3241 - LA 36 to LA 435), St. Tammany Parish, Louisiana. Project manager who oversaw and coordinated the geotechnical investigation which included drilling 32 deep soil borings, 10 culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment which includes two bridges: LA 435 over Bayou Lacombe Tributary and LA 36 over Bayou Lacombe Tributary 2. Assisted in developing the geotechnical analyses and design recommendation report which included pile foundations for the bridge structures and shallow foundation design for the culverts. Oversaw the construction phase which included PDA testing and settlement monitoring.
10/09-Ongoing	MDOT, I-20 Mississippi River Bridge Review, Vicksburg, Mississippi. Project engineer who assisted in several aspects of engineering for this multi-million-dollar, high risk, high technical needs, high visibility project consisting of investigating movement of the I-20 Bridge in Vicksburg. This project consisted of a comprehensive laboratory testing program and refinement of the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. Helped managed the field investigations and instrumentation programs, along with review of the field data and engineering reporting.

16. Staff Experience

Firm employed by:



Name	Dishili Young Curry, PE		Years of relevant experience with this employer	7
Title	Vice President/Engineering Manager		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		MS / 2018 / Civil Engineering BS / 2002 / Civil Engineering		
Active registration number / state / expiration date		PE: #33723 / LA / 09-30-2026 LADOTD Traffic Engineering Analysis Process and Report Module 1, 2, and 3		
Year registered	2008	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Roadway Design and Hydraulic Engineering Task Lead; Plan Development MPR 10		
Dishili offers approximately 20 years of progressive experience which includes program management, engineering management, project management and engineering design. Her experience includes the management and design of interstate DB projects, interstate DBB projects, including roundabout interchanges, road design projects, including multi-lane roundabouts, drainage projects, H&H studies, environmental studies and feasibility studies. Her experience includes the management of complex stage 0 studies, completion of all tasks included in stage 0, public and stakeholder outreach, concept layouts, cost estimating, grant applications for transportation projects and evaluation of the feasibility of transportation projects. She has completed the NEPA and Transportation Decision Making, Transportation Safety Systems (Highway Safety Manual Graduate Course), and LADOTD's TEPR training.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/20-Ongoing	LADOTD, I-10 and I-12 College Flyover Ramp DB, Baton Rouge, Louisiana. Assisted with the QC reviews for the complex urban highway design project that realigns the two existing I-12 westbound through lanes to more closely follow the I-12 eastbound existing alignment and replaces the I-10 westbound overpass bridge with a new structure. The project physically separates College Drive northbound through lanes from the free flow lane which connects the I-10 westbound exit ramp to Corporate Boulevard.			
04/23-Ongoing	LADOTD, Jimmie Davis DB, Bossier Parish, Louisiana. Roadway drainage design lead who managed the roadway drainage design and the scour analysis, attends team technical meetings and meetings with LADOTD. Provided QA/QC and assisted with proposal preparation, technical writing for the proposal, and attended one-on-one meetings. This project will construct a new four-lane bridge over the Red River, convert LA 511 from a five-lane roadway to a four-lane median divided roadway with turn lanes, and construct full access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway.			
11/25-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Roadway review lead who assisted LADOTD with the review and oversight of bridge replacement/rehabilitation projects along federal aid eligible routes in Districts 04, 05, 07, 08, 58 covering a total of 21 bridge sites. All bridge sites include road design, drainage design and sequence of construction plans. Responsibilities include validating reviews and assisting with the review process.			
06/23-Ongoing	LADOTD, IDIQ for Road Design Projects, Various Parishes, Louisiana. Engineer who worked on the US 90 roundabout at LA 101. Assisted with roundabout intersection preliminary and final plans, drainage, sequence of construction and TMP.			



Dishili Young Curry, PE

01/20-Ongoing	LADOTD, I-20 LA 544 Overpass Replacement, Lincoln Parish, Louisiana. Road design lead for preliminary and final design services for this project, which will replace the LA 544 Overpass diamond interchange with a diamond multi-lane roundabout interchange on a 3% longitudinal grade. The new bridge over I-20 will include sidewalks and four multi-lane roundabouts. This project includes a level 2 TMP.
10/23-Ongoing	Alabama Department of Transportation (ALDOT), West Alabama Highway PDB, Thomasville to Moundville, Alabama. QC reviewer for the roadway design and roadway drainage. This project will replace an existing two-lane 100-mile roadway corridor with a four-lane roadway along Highway 43 and 69 from Thomasville to Tuscaloosa. Currently completing the roadway design roadway drainage, bridge design, and H&H for bridges for Segments 1, 2, 3, 9, 10, 11 and 12.
04/18-Ongoing	LADOTD, I-49 South at Verot School Road, Lafayette Parish, Louisiana. This project which will construct 2.4 miles of mainline freeway, bridges, and an interchange at the intersection of I-49 South/US 90 and Verot School Road. Work includes a major bridge design and a roundabout at the relocated intersection of Verot Road and South Collage Road. Assisting to design the interstate mainline and frontage roadways (drainage, preliminary and final road design and TMP) as well as the drainage along these corridors. Completing the traffic design which includes a roundabout.
07/22-Ongoing	LADOTD, IDIQ Contract for Design of Safety Projects, Districts 02, 61 and 62, Louisiana. Project manager and QA/QC for this project that provides safety improvements for several parishes within three districts. The 11 projects included under this contract include tasks such as stage 0 feasibility studies, planning/environmental, design and construction related engineering.
09/18-12/18	LADOTD, I-20 at 220 Interchange Improvement and BAFB Access Road DB, City, Louisiana. Engineer who assisted with preliminary plan development for completing the existing partial interchange by adding a new flyover ramp, cloverleaf ramp, modifying existing ramps, and providing a new arterial roadway with a new bridge over the CPKC Railroad.
12/15-08/17	LADOTD, I-49 South (Raceland to Westbank Expressway), Jefferson Lafourche, and St. Charles Parishes, Louisiana. Civil project manager who assisted with conducting the kick-off meeting, project coordination, progress meetings, scope revisions and man-hour estimating. Currently she is assisting with the Tier 1 interchange analysis for 13 interchange locations. This project involved the completion of a line and grade study as well as a SEIS for US 90 with LA 1/LA 308 Interchange in Lafourche Parish and extending to the elevated Westbank Expressway in Jefferson Parish. Similarly, to I-49 South (Ricohoc to Berwick), this project upgrades the existing US 90 corridor to a control of access highway. This project includes a high-level interchange decision matrix for each proposed interchange.
12/14-08/17	LADOTD, LA 447 Corridor Study (LA 16 to US 190), Walker, Louisiana. Project manager and road design lead for the EA of this corridor study, which included multi-lane roundabouts.. Assisted with the geometric design for the R-cut and roundabout improvements, public outreach.
10/13 - 12/16	LADOTD, I-10 LA 30 Stage 0, Gonzales, Louisiana. Project manager for line and grade geometry, public outreach considered 21 interchange types for new interchange concepts at I-10 at LA 30, as well as corridor improvements between LA 3251 and LA 44. CRPC TDM used with consideration of future interchanges at I-10 and LA 74 and LA 429. The concepts utilized in this study served as the base geometry for the preliminary plans. The project included a multi-lane roundabout interchange
02/10-12/11	LADOTD, I-10 Widening DB (Siegen Lane (LA 3246) to Highland Road (LA 74)), Baton Rouge, Louisiana. Engineer and managed portions of the roadway and drainage design for this project. This project involved the widening of I-10 from four lanes to six, bridge reconstruction (I-10 over Wards Creek and I-10 over CPKC Railroad Bridge), and drainage improvements along the corridor. Completed the H&H analysis and scour analysis for the Wards Creek Bridge. Assisted with the drainage design along the interstate corridor.
01/09-11/11	LADOTD, I-12 Widening DB (O'Neal Lane to Pete's Highway), East Baton Rouge and Livingston Parishes, Louisiana. Engineer for this project which involved the roadway widening of I-12 and bridge reconstruction, including I-12 over Amite River (two bridges) and I-12 over O'Neal Lane (two bridges). Assisted with the scour analysis and H&H analysis at the Amite River as well as the drainage design along the interstate corridor.

16. Staff Experience

Firm employed by: **HNTB**

Name	Ryan Felder, PE		Years of relevant experience with this employer	4
Title	Project Engineer		Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization		BS / 2011 / Civil Engineering		
Active registration number / state / expiration date		PE: #40154 / LA / 03-31-2028 ATSSA Traffic Control Supervisor - LA State Specific		
Year registered	2015		Discipline	Civil
Contract role(s) / brief description of responsibilities		Roadway Design; Plan Development		
Ryan is a project engineer with 15 years of experience, and prior to joining HNTB, he worked over a decade for the LADOTD serving in various roles. He is proficient in several programs, including MicroStation, InRoads and ProjectWise.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/22-02/25	Baton Rouge Parish, Plank-Nicholson BRT, Baton Rouge, Louisiana. Engineer who supported East Baton Rouge's transition from the TramLinkBR streetcar to a BRT system by working closely with the City-Parish, CATS, and EBRRA to define the project and create an implementation plan. Efforts included coordinating with the FTA, conducting traffic and environmental analyses, designing BRT stations and a transfer facility, and modeling ridership using the STOPS model. HNTB led public engagement, developed GIS maps, and prepared a conceptual cost estimate. Their work helped secure a \$15 million BUILD grant. Other services included coordination with local agencies such as LADOTD, and Louisiana State University, as well as support for ROW acquisition, environmental review, survey work, and design oversight throughout construction. This approach ensured the project aligned with community needs and federal funding requirements.			
09/22-11/22	LADOTD, Gramercy Bridge Rehabilitation, St. James and St. John the Baptist Parish, Louisiana. Engineer who developed the traffic control plans which consisted of a detour and shutting down one lane to allow for the bridge to be painted. This project was to paint the bridge over the Mississippi River and slab jack the approaches.			
07/22-12/22	LADOTD, Ascension 8 Overlay Program, Ascension Parish, Louisiana. Engineer who assisted in developing plans for final submittal.			
07/18-06/22	LADOTD, Automation Engineer, Statewide, Louisiana. Project manager and a committee member responsible for the CAD environment for LADOTD's plan production, ProjectWise and CadConform. Updated the Road Design Manual and some of the Road Design forms. Helped LADOTD's IT department managing their workspace to ensure files were up to date. Assisted engineers by answering program questions and demonstrating how to utilize it. Filtered features and styles to evaluate necessities and streamline the program. Tested necessary features to ensure they worked correctly and fixed them to LADOTD's standards. Reviewed and selected the proposal to upgrade the CAD environment to Windows 10 Operating System and all software. The committee worked closely with the contractor to ensure the work is up to LADOTD's standards.			
01/14-05/16	LADOTD, LA 91 Drainage Canal, St. Landry Parish, Louisiana. Engineer responsible for realigning the drainage canal under the current bridge and designing a subsurface drainage system to prevent erosion of the new roadway. Worked with both the bridge design and geotech teams on the location and height of the sheet pile wall. Developed the title sheet, typical sections sheets, summary sheets, plan and profile sheets, embankment widening details, sequence of construction and cross section sheets. This project is to replace a structurally deficient bridge with a 100-foot bridge.			





16. Staff Experience

Firm employed by:



Name	Mai Nguyen, PE	Years of relevant experience with this employer	9
Title	Roadway Design Engineer	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization	BS / 2008 / Civil Engineering		
Active registration number / state / expiration date	PE: #38189 / LA / 03-31-2028		
Year registered	2013	Discipline	Civil
Contract role(s) / brief description of responsibilities	Roadway Design		
Mai has over 15 years of experience, including over six years working for LADOTD. She is proficient with modeling and developing roadway plans in accordance with LADOTD design guidelines. Mai has completed numerous roadway construction plans, including roadway alignments, cross sections, geometric details, graphical grades, drainage design, construction sequencing, striping, and signing layout, and cost estimates. She also has completed countless interchange geometric designs, roundabouts, and unconventional intersections following AASHTO and LADOTD design guidelines. Mai is experienced with utility coordination, creating detour plans, and working with contractors and LADOTD engineers to ensure the project is constructed according to plans. She has been involved with preliminary and final roadway design plans, feasibility studies, stage 0 reports, EA studies, roadway concept layouts for traffic studies, and high-level cost estimates for multiple District Safety Investment Plans.			
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).		
01/20-Ongoing	LADOTD, I-20 LA 544 Overpass Replacement, Lincoln Parish, Louisiana. Road design lead for preliminary and final design services for this project, which will replace the LA 544 Overpass diamond interchange with a diamond multilane roundabout interchange on a 3% longitudinal grade. The new bridge over I-20 will include sidewalks and four multi-lane roundabouts. This project includes a level 2 TMP.		
04/18-Ongoing	LADOTD, I-49 South at Verot School Road, Lafayette Parish, Louisiana. This project which will construct 2.4 miles of mainline freeway, bridges, and an interchange at the intersection of I-49 South/US 90 and Verot School Road. Work includes a major bridge design and a roundabout at the relocated intersection of Verot Road and South Collage Road. Assisting to design the interstate mainline and frontage roadways (drainage, preliminary and final road design, and TMP) as well as the drainage along these corridors. Completing the traffic design which includes a roundabout.		
09/22-Ongoing	East Milton Avenue Improvements, Lafayette Parish, Louisiana. Designing this project and assisting with plan production. Established design criteria, typical roadway sections, horizontal and vertical geometry, structure locations and more. Working on the roadway design for the City of Youngsville. Project includes preliminary and finals plans. This project will widen an existing roundabout at the intersection from single lane to multi-lane and widen and overlay East Milton Avenue and Chemin Metairie Road in Youngsville. This project includes curb and gutter with sidewalks.		
11/15-07/20	LADOTD, Southcity Parkway Extension, Lafayette, Louisiana. Provided public outreach, environmental, road design (preliminary and final plans)and traffic services. This project will construct a new 1.7-mile, four-lane median divided corridor between US 167 (Johnston Street) with Kaliste Saloom Road. It includes three multi-lane roundabout intersections and new bridge design. The roadway and drainage design are being completed in conformance with LADOTD guidelines.		

16. Staff Experience

Firm employed by:



Name	Nicholas Castille, PE		Years of relevant experience with this employer	2
Title	Project Engineer		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS / 2019 / Civil Engineering		
Active registration number / state / expiration date		PE: #48009 / LA / 09-30-2027		
Year registered	2023	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Roadway Design		
Nick has experience in design, planning, and hydraulic modeling. He assists with various engineering design tasks including roadway plan and preparation, horizontal geometric design, inspections, and design of geotechnical features and drainage systems. Nick's experience extends to H&H modeling, open channel drainage systems, and subsurface drainage systems. He has been responsible for the supervision of lab and field technicians, assisting in the design of shallow and deep foundations, pavement design, and geotechnical construction materials testing and reporting.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/25-Ongoing	LADOTD, I-10 Calcasieu River Bridge (Erosion Control Plans), Calcasieu Parish, Louisiana. Engineer who is designing erosion control measures in accordance with LADOTD standards and planned phases of construction activities of proposed improvements. Production of plan sheets for nine phases of construction span the proposed roadway and bridge improvements. Project will provide interstate roadway and bridge improvements along existing I-10 from I-210 to Kirkman Street including at side streets and service roads.			
11/25-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Roadway reviewer who assisted LADOTD with the review and oversight of bridge replacement/rehabilitation projects along federal aid eligible routes in Districts 04, 05, 07, 08, 58 covering a total of 21 bridge sites. All bridge sites include road design, drainage design and sequence of construction plans.			
08/25-Ongoing	City of Lafayette, South Domingue Roundabout, Lafayette, Louisiana. Engineer who assisted with hydraulic design and plan production. Generated summary of drainage structures and preliminary summary of estimated quantities and opinion of probable construction cost. Project will provide roundabout and drainage improvements.			
05/25-Ongoing	Calcasieu Parish, East Opelousas Street Improvements, Calcasieu Parish, Louisiana. Engineer who completed H&H design and analysis and assisted with plan sheet production. Generated summary of drainage structures and prepared hydraulic report. Project will provide roadway, intersection, and drainage improvements from Opelousas Street west of East Ward Line Road to East Opelousas Street to accommodate commercial development to the north.			
07/25-Ongoing	City of Lafayette, West Broussard at Duhon Road Roundabout, Lafayette, Louisiana. Engineer who generated plan sheets based on preliminary signing and pavement markings designs. Supervised generation of geometric detail and special paved ditch detail plan sheets. Updated preliminary summary of estimated quantities and opinion of probable construction cost. Project will provide roundabout and drainage improvements. Assisted with review of plans and hydraulic design and plan production.			
07/25-Ongoing	City of Lafayette, Lagneaux Turn Lane Improvements, Lafayette, Louisiana. Engineer who reviewed hydraulic design with designer for constructability and conformance with governing criteria, and reviewed plans for QC. Developed of summary of estimated quantities and opinion of probable construction cost. Project will provide left turn lanes for eastbound and westbound traffic.			



16. Staff Experience

Firm employed by:



Name	Chance Shuckrow, PE		Years of relevant experience with this employer	12
Title	Project Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2014 / Civil Engineering		
Active registration number / state / expiration date		PE: #42746 / LA / 03-31-2027		
Year registered	2018	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Roadway Design		
Chance works in design of roadways, freeways, signalized and roundabout geometry intersections. He has worked in the design of drainage, horizontal and vertical profiles, and corridors. Chance has also worked in cost estimating of projects and in the preparation of roadway design plans.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/23-Ongoing	LADOTD, Jimmie Davis DB, Bossier Parish, Louisiana. Project engineer who assisted with design related tasks for the construction of a new four-lane bridge over the Red River, converting LA 511 from a five-lane roadway to a four-lane median divided roadway with turn lanes, and constructing full-access interchange connections with LA 511 at both Arthur Ray Teague Parkway and Clyde Fant Memorial Parkway.			
08/20-Ongoing	LADOTD, I-10 and I-12 College Drive Flyover Ramp DB, Baton Rouge, Louisiana. QC reviewer for the roadway design and roadway drainage design. The proposed project realigns the two existing I-12 westbound through lanes to more closely follow the I-12 eastbound existing alignment and replaces the I-10 westbound overpass bridge with a new structure. The project physically separates College Drive northbound from the free flow lane which connects the I-10 westbound exit ramp to Corporate Boulevard.			
06/23-Ongoing	LADOTD, IDIQ for Road Design Projects, Various Parishes, Louisiana. Engineer who worked on the US 90 roundabout at LA 101. Assisted with roundabout intersection preliminary and final plans, drainage, sequence of construction and TMP.			
09/18-12/18	LADOTD, I-20 at 220 Interchange Improvement and BAFB Access Road DB, City, Louisiana. Design support on roadway design which included preliminary plan development for completing the existing partial interchange by adding a new flyover ramp, cloverleaf ramp, modifying existing ramps, and providing a new arterial roadway with a new bridge over the CPKC Railroad.			
06/13-Ongoing	LADOTD, Stage 0 Feasibility Study Modern Roundabouts, Lafayette, Louisiana. Engineer who assisted with road alignment, roundabout layout, and design, preparing cost estimates. The project includes over 20 roundabout intersections.			
02/20-Ongoing	LADOTD, I-20 (LA 544 Overpass Replacement), Lincoln Parish, Louisiana. Engineer who is assisting with the preliminary and final design services for this project, which will replace the LA 544 Overpass diamond interchange with a diamond roundabout interchange. The new bridge over I-20 will include sidewalks and four multi-lane roundabouts. This project includes a level 2 TMP.			
08/14-03/15	LADOTD, US 90 (Future I-49) LA 318 Interchange DB, St. Mary Parish Louisiana. Design support for the project which included a new grade separated interchange at the existing LA 318 intersection, the reconstruction of the mainline of US 90 (future I-49) and a frontage road system. Assisted in developing interchange designs for the LA 318 overpass, the US 90 westbound entrance ramp, and the frontage roads.			



16. Staff Experience

Firm employed by: 

Name	Kenny Belou, PE		Years of relevant experience with this employer	4
Title	Engineering Lead Professional - Transportation		Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization	BS / 2009 / Civil Engineering			
Active registration number / state / expiration date	PE: #38850 / LA / 09-30-2026 LADOTD/FHWA LPA Qualification Core Training Module LADOTD/FHWA LPA CEI Module LADOTD/FHWA LPA Project Planning, Feasibility, and Application Development Module LADOTD/FHWA LPA Project Design and Delivery - Developing an LPA Project for Bidding Module			
Year registered	2014	Discipline	Civil	
Contract role(s) / brief description of responsibilities	Roadway Design			
Kenny is an engineering lead professional who oversees engineering execution for transportation-related projects including design activities, report preparation, construction documents, construction administration, and client satisfaction. He has over 20 years of experience designing projects in accordance with LADOTD's Road Design Manual, Off-System Highway Bridge Program Guidelines, HSM, Bridge Design and Evaluation Manual, AASHTO's Geometric Design of Highways and Streets, and LADOTD Standards and Specifications for Roads and Bridges.				
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).			
01/25-Ongoing	LADOTD, IDIQ Contract for Roadway Design Services, Statewide, Louisiana. Supervisor engineer who supports delivery of the LA 3211 at Yokley Road Roundabout project as a task order under the IDIQ contract. Oversees key aspects of project execution, including QA/QC, interdisciplinary coordination, and adherence to schedule and deliverable requirements. The project includes development of roadway geometry, drainage improvements, and traffic control features associated with the roundabout. Works with the project team and LADOTD to maintain alignment with project requirements and ensure consistent, high-quality deliverables.			
03/23-Ongoing	LADOTD, IDIQ Contract for Roadway Design Services, Statewide, Louisiana. Project manager currently supporting five active task orders with an additional task order in negotiation. Leads task order development and execution, including defining scopes, preparing fee estimates, and establishing schedules to support LADOTD's project delivery needs. Oversees project activities across multiple concurrent efforts, coordinating closely with LADOTD staff, internal teams, and subconsultants to ensure alignment and responsiveness. Manages budgets and schedules at both the task order and contract level while maintaining consistent delivery of high-quality design packages. Manages multiple concurrent task orders under this contract and supporting delivery in accordance with LADOTD processes and requirements.			
11/23-Ongoing	LADOTD, IDIQ Contract for Roadway Design Services, Statewide, Louisiana. Supervisor engineer who supports delivery of the LA 447 and LA 1025 Roundabout project as a task order under the IDIQ contract. Responsible for overseeing project execution, including quality assurance and QC, coordination across disciplines and maintaining schedule and deliverable expectations. Manages project activities in coordination with LADOTD staff and the design team to ensure alignment with project requirements. Final plans are anticipated to be submitted in Q2 2026.			



Kenny Belou, PE

05/23-Ongoing	LADPTD, IJJA Off-System Bridge Program, District 08, Louisiana. Supervisor engineer who supports delivery of this multi-project bridge replacement program, which includes 12 off-system bridges and their adjacent roadways throughout LADOTD District 08. Bridge lengths range from approximately 40 to 135 feet and include a variety of structure types such as cross drains, box culverts, and reinforced concrete slab span bridges. Oversees contract and schedule execution across multiple concurrent projects and is responsible for QC of all design elements, including bridge, roadway, and hydraulic components. Coordinates with internal task managers, LADOTD project management, district and area engineers, and subconsultants to ensure timely and complete deliverables across the program.
10/22-01/26	LADOTD, US 190 (LA 437 to US 190 Bus Phase 1), St. Tammany Parish, Louisiana. Project manager during construction support for US 190 Phase 1, which included roadway widening, intersection improvements, drainage design, traffic control, and a new 1,400-foot bridge over the Bogue Falaya River. Oversaw responses to contractor RFIs, shop drawing reviews, submittals, and construction-phase questions, coordinating closely with LADOTD District personnel, LADOTD Headquarters construction staff, the contractor, and the design team. Helped maintain alignment between the approved plans, design intent, field conditions, and construction-phase decisions.
10/22-04/23	LADOTD, LA 20 Widening (LA 307 to South Vacherie Avenue), St. James and Lafourche Parishes, Louisiana. EOR and project manager who led the design and delivery of the asymmetrical widening of 2.7 miles of LA 20 to add 8-foot shoulders near Vacherie. Responsible for roadway design including horizontal and vertical alignments, drainage systems (subsurface and open ditch), cross sections, and permanent signing and pavement markings. Performed QC review of bridge plans to ensure compliance with LADOTD standards and coordinated design efforts with an adjacent in-construction state project within the corridor. Coordinated with LADOTD project management, pavement and hydraulics sections, and subconsultants to maintain alignment with project requirements. Oversaw the design of utility relocations along the corridor, delivered as a separate project through St. James Parish.
10/24-09/25	LADOTD, IDIQ Contract for Roadway Design Services, Statewide, Louisiana. Supervisor engineer who supported execution of the LA 30 Roundabout at St. Elizabeth and South Penn project under this IDIQ contract. Oversaw key aspects of project delivery, including QA/QC processes, interdisciplinary coordination, and adherence to schedule and deliverable requirements. Worked with the project team to maintain alignment with LADOTD expectations throughout design development. Work is currently suspended to allow for scope modification and stakeholder coordination prior to resuming design efforts.
07/25-09/25	LADOTD, IDIQ Contract for Roadway Design Services, Statewide, Louisiana. Supervisor engineer who supported the design and delivery of the I-49 (I-10 to St. Landry Parish Line) project under the IDIQ contract. The project included milling, patching, and overlay of approximately 9 miles of interstate, along with guardrail replacement and rehabilitation of concrete sections. Oversaw key aspects of project execution, including QA/QC, interdisciplinary coordination, and adherence to schedule requirements, and assisted with survey deliverables. Ensured delivery of plans within a 45-day schedule to meet LADOTD's expedited project needs.
10/22-12/22	LADOTD, US 190 at Northshore and Camp Villere, St. Tammany Parish, Louisiana. Supervisor engineer who provided engineering support for this project, which included a multi-lane roundabout at US 190 and Northshore Boulevard and a single-lane roundabout at US 190 and Camp Villere Road. Performed QC reviews of plans, design criteria, and project calculations, and coordinated with subconsultants and LADOTD on deliverables. Played a key role in developing construction sequencing for complex drainage and roadway improvements, maintaining traffic through the heavily traveled US 190 corridor during construction.

16. Staff Experience

Firm employed by: **HNTB**

Name	Mira Para, PE	Years of relevant experience with this employer	6
Title	Senior Project Manager	Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization	BS / 1992 / Civil Engineering		
Active registration number / state / expiration date	PE: #34990 / LA / 03-31-2027		
Year registered	2009	Discipline	Civil
Contract role(s) / brief description of responsibilities	Hydraulic Engineering		
Mira is a senior project manager and water resources engineer with more than 33 years of experience in civil engineering, water resources, stormwater management, and municipal infrastructure projects. His background includes H&H modeling, storm drainage systems, drainage pump stations, flood control structures, detention and retention design, lake and pond design, dam and levee improvements, stream bank stabilization, wastewater collection and treatment systems, wastewater lift stations, and water distribution networks. He is experienced in producing complete construction drawings, technical specifications, cost estimates, and providing engineering services during advertisement, bidding, and construction. His technical expertise includes AutoCAD, Civil3D, MicroStation, OpenRoads, ProjectWise, PondPack, StormCAD, CulvertMaster, FlowMaster, HEC-RAS, HEC-HMS, HEC-1, HEC-2, HEC-FIA, ArcGIS, and SpecsIntact. He currently serves as the Drainage Lead for the Calcasieu River Bridge OV project and has provided drainage leadership on multiple complex civil engineering and transportation projects across Louisiana and Texas. He is known for building strong multidisciplinary teams, guiding junior staff, and delivering dependable, high-quality engineering solutions for public agencies, municipalities, and state DOTs. He is a Certified Floodplain Manager (CFM) and an active member of the Louisiana Floodplain Management Association (LFMA) and the Association of State Floodplain Managers (ASFPM).			
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).		
11/25-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Hydraulic review lead on the OV team for this statewide program to replace or rehabilitate 62 aging bridges across multiple districts. Responsibilities include drainage and H&H reviews, ensuring design compliance with state and federal guidelines, and providing coordinated comments within accelerated seven-day review cycles. Work includes collaboration with LADOTD task leads, district staff, and local stakeholders to confirm technical completeness, constructibility, and adherence to program requirements.		
09/25-Ongoing	LADOTD, Chippewa Street Pump Station Improvements Phase 2, Baton Rouge, Louisiana. Senior drainage engineer responsible for H&H evaluation and feasibility analysis for improvements that serve the Chippewa Street underpass of the UPKC Railroad crossing. Work included delineating drainage catchments and developing the CivilStorm model, evaluating the existing drainage system, reinforced-concrete wet well, and existing drainage pumps and assessing underpass flooding performance. Responsibilities included analyzing pump operations, wet-well storage, upstream surcharge, and roadway hydraulic grade line (HGL) conditions; and comparing alternatives involving expanded wet-well capacity, pump upgrades, revised inflow/outflow routing, and full station rehabilitation. The study identified improvements that reduce hydraulic loading, enhance operational reliability, and address recurring underpass flooding.		
04/25-Ongoing	LADOTD, US 80 Bridges Near Minden, Webster and Bossier Parishes, Louisiana. Senior drainage engineer supporting the evaluation and replacement of multiple bridge structures along the US 80 corridor, including Boone Creek, Mile Creek, and Clarke Bayou. Responsibilities include developing hydraulic models, assessing historical flood behavior, evaluating scour and bridge opening requirements, and preparing hydraulic reports in accordance with LADOTD criteria. Work involves multidisciplinary coordination and integration of proposed bridge geometry and site data for all project locations.		



Mira Para, PE

11/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV Services, Lake Charles, Louisiana. Senior drainage engineer responsible for conducting OV reviews for the developer's final design submittals for the I-10 Calcasieu River Bridge replacement, a major P3 alternate delivery project. Work includes evaluating storm drainage design, H&H modeling, floodplain and scour considerations, outfall conditions, and overall compliance with LADOTD design criteria, federal guidelines, and project-specific technical requirements. Responsibilities also include participating in structured review cycles, coordinating comments with LADOTD task leads, district staff, and other stakeholders, and ensuring that all drainage-related design elements are technically accurate, constructible, and meet contractual obligations.
12/23-Ongoing	LADOTD, IJA Off-System Bridge Program, East Baton Rouge Parish, Louisiana. Engineer responsible for oversight and quality control of H&H analysis for this \$38.5 million off-system bridge replacement program, replacing 13 bridges separated into 10 projects located throughout East Baton Rouge Parish.
09/19-09/23	LADOTD, I-10/Loyola Interchange Improvement, New Orleans, Louisiana. Engineer responsible for independent technical review of the drainage design on this alternative delivery project. This DB project is providing a new interchange to allow direct access from I-10 to the new airport terminal at LANOIA located near Loyola Boulevard. A DB team was selected in mid-2019 and construction began in early 2020.
03/21-11/21	TxDOT, Gordon Country Club Dam, Paris, Texas. Task manager and engineer for feasibility study and remediation plan including inspection and hydraulic and geotechnical evaluation. The feasibility study included hydraulic analysis and recommendations for improvements and allowed TxDOT to submit for grant funding under FEMA's Rehabilitation of High Hazard Potential Dams program.
01/20-08-21	MDOT, Stream Bank Stabilization and Countermeasures for US 61 over Buffalo River (Bridge Numbers 17.7A and B), Wilkinson County, Mississippi. Engineer responsible for design oversight and QC review of final design plans. Design included longitudinal fill stone toe protection (LFSTP) to protect the riverbank. A site visit identified an area of scour concern along Sandy Creek, a tributary to Buffalo River at the Highway 61 crossing. Channelization and stabilization measures were designed to address the area of concern. Bentley's GeoPak and MicroStation programs were utilized in producing the 3D model needed to facilitate quantity calculations and plan production. The project includes Sandy Creek channelization and LFSTP installation along the south bank of Buffalo River.
05/20-12/22	MDOT, Scour Countermeasures for SR 28 over Boles Creek (Bridge Numbers 2.4 and 2.7), Jefferson County, Mississippi. Engineer for design oversight and QC review of final design plans. The project includes a box culvert replacement and a bridge replacement for SR 28 over Boles Creek. SRH2D was used to perform a 2D hydraulic analysis of the study area encompassing both crossings to establish the baseline condition and to simulate the "with-project" condition. The 2D analysis capability provided overland flow connectivity between crossings and spatial velocity variation to estimate channel stability with the proposed bridge. Bentley's GeoPak and MicroStation programs were used in producing the 3D model needed to facilitate quantity calculations and plan production.
09/19-06/24	Plaquemines Parish Government, Jesuit Bend Levee Lift Project, Plaquemines Parish, Louisiana. Senior project manager/engineer responsible for final design, delivery of final plans, specifications and construction cost estimate, USACE 408 permission request, environmental permitting, bid phase services and construction administration. The project provided a levee lift along approximately 8 miles of the existing levee, sheet pile installation at existing flood walls and concrete slope paving at existing wall transitions. The project is located on the existing New Orleans to Venice Non-Federal back levee on the west bank of the Mississippi River between Oakville and LaReussite. This project was funded through CPRA under the Gulf of Mexico Energy Security Act.
01/20-03/23	SLFPA-E, GIWW East Sector Gate Tripping Dolphins Replacement, New Orleans, Louisiana. Senior project engineer/manager responsible for final design, delivery of final PS&E, bid phase services and construction administration. The project, located in the Orleans Levee District, involves the replacement of a total of 10 tripping dolphins within the GIWW. A group of five dolphins is located approximately 0.7 miles east (flood side) of the GIWW East Closure Sector Gate and the other group of five dolphins is located approximately 1.2 miles west (protected side) of the GIWW East Closure Sector Gate. The dolphins will each consist of a four-pile cluster tied together with a jacket structure that will include a mooring bit, a navigation light and a maintenance access ladder. The dolphins will be used for mooring barges in preparation for transport through the Lake Borgne Surge Barrier sector gate.

16. Staff Experience

Firm employed by: **HNTB**

Name	Darby Cressy, PE		Years of relevant experience with this employer	6
Title	Project Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2019 / Civil Engineering		
Active registration number / state / expiration date		PE: #49729 / LA/ 09-30-2027		
Year registered	2025		Discipline	Civil
Contract role(s) / brief description of responsibilities		Hydraulic Engineering		
Darby has more than six years of experience and supports design projects with tasks such as H&H modeling support, grant and program management, QC and reviews, technical report writing support, data collection review, and field inspections. She currently serves as an extension of East Baton Rouge Parish staff as lead of drainage grant and program management services. These responsibilities include review of all consultant submittals as well as coordination with FEMA, OCD, and Parish staff. Darby's modeling capabilities include working with PCSWMM and EPA SWMM for hydrologic network connections at the neighborhood level. Additionally, she has experience at the watershed level with HEC-RAS. Darby is also experienced in GIS for results analysis, and processing spatial information sets.				
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).			
07/20-Ongoing	East Baton Rouge Parish, Stormwater Master Plan Phase 2 and Implementation, East Baton Rouge Parish, Louisiana. Engineer who aided in the development of a Parish-wide stormwater master plan study and 20-year stormwater CIP. Phase 2 included collection of channel survey and enclosed system data, detailed modeling and analysis to reduce flooding of insurable structures, and development of projects and funding sources for flood mitigation. Coordinated with team of experts to develop preliminary models. PCSWMM existing and proposed model development. Provided data collection support. Assisted in technical writing for H&H reports and public engagement events. Implementation includes off-site drainage assessments in line with the updated Unified Development Codes related to drainage for East Baton Rouge Parish, updates to H&H models developed for the Parish, and ongoing public outreach and assistance. Performed HEC-RAS analysis to ensure no proposed development results in negative impacts to surrounding areas. Responded to numerous public concerns related to Parish wide flooding, aiding in the identification and modeling of numerous potential flood mitigation solutions and has acted as lead related to HEC-RAS and PCSWMM model updates			
06/20-11/20	Louisiana OCD, LWI Grant Applications, Ascension Parish, Louisiana. Engineer responsible for the application development of three flood mitigation projects that were submitted to Round 1 of Louisiana's Community Block Grant Recovery CDBG-MIT for the LWI. This effort included developing conceptual level project designs; preparing maps and exhibits; schedules and cost estimates; performing benefit cost analysis utilizing the FEMA benefit cost analysis tool; and organizing an application for submittal.			
06/20-11/20	Louisiana OCD, LWI Grant Applications, East Baton Rouge Parish, Louisiana. Engineer responsible for the application development of five flood mitigation projects that were submitted to Round 1 of Louisiana's Community Block Grant Recovery CDBG-MIT for the LWI. Of the five applications submitted, four were awarded to East Baton Rouge Parish. This effort included developing conceptual level project designs; preparing maps and exhibits; schedules and cost estimates; performing benefit cost analysis utilizing the FEMA BCA analysis tool; and organizing a combined application for submittal.			



16. Staff Experience

Firm employed by:



Name	Leah Selcer, PE		Years of relevant experience with this employer	6
Title	Louisiana H&H Lead		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		BS / 2014 / Civil Engineering		
Active registration number / state / expiration date		PE: #43492 / LA / 09-30-2027		
Year registered	2019		Discipline	Civil
Contract role(s) / brief description of responsibilities		Hydraulic Engineering		
Leah oversees H&H and drainage design projects statewide. With a decade of diverse experience in civil and coastal engineering, she brings extensive project engineering and management expertise. Leah excels in design, planning, and budgeting, and is skilled at preparing permits, plans, specifications, and reports for various civil engineering projects. She has played a key role in engineering and designing complex projects for coastal ports, parish governments, the LADOTD, CPRA, and private developers.				
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).			
06/24-Ongoing	Tangipahoa Parish Government, LA 16 (North 2nd Street to LA 445) H&H Analysis and Design Services, Tangipahoa Parish, Louisiana. H&H lead for mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1,000 feet east of Duncan Avenue.			
03/23-Ongoing	LADOTD, US 90 Roundabout at LA 101 H&H Analysis and Design Services, Calcasieu Parish, Louisiana. H&H lead for the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station, and other development at the intersection. It includes minimum ROW taking and detention pond design.			
04/21-Ongoing	CPRA, Calcasieu-Sabine Large-Scale Marsh and Hydrologic Restoration, Cameron Parish, Louisiana. Project manager tasked with a combination of program management, design integration, and project concept design. Design integration services include a combination of initial project management activities, initial data gap analysis, preliminary data collection, design integration planning including project work breakdown structure and cost estimates, optimization planning and initial optimization tasks, and other project planning tasks. Hydrologic structure design optimization includes development of hydrologic structure alternatives; analysis and determination of preferred structure type; construction logistics and constructability evaluation; conceptual level estimates of quantities, construction, and operations/maintenance costs; as well as conceptual pump station evaluation.			
06/22-Ongoing	LADOTD, Jimmie Davis Bridge (LA 511) (HBI) DB, Bossier Parish, Louisiana. Drainage design lead on the project that will replace the existing five-lane roadway with a four-lane median divided roadway with turn lanes. It will provide a new bridge crossing for LA 511 at the Red River and will also modify the existing bridge crossing for use as a linear park and provide a multi-use path. Providing the roadway drainage design, traffic analysis, signal design, striping and signing plans, road design support, bridge H&H, and scour for the river crossing. This preliminary design is being completed in support of the DB proposal document.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Manab Medhi, PE, SE		Years of relevant experience with this employer	17
Title	Department Manager		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	MBA / 2014 / Business Administration MS / 2008 / Civil Engineering BS / 2004 / Civil Engineering			
Active registration number / state / expiration date	PE: #45083 / LA / 03-31-2027			
Year registered	2012	Discipline	Civil, Structural	
Contract role(s) / brief description of responsibilities	Bridge Design			
Manab is a bridge department manager with more than 18 years of experience in bridge design. His area of focus is in delivering rail projects to rail and DOT clients. He has the experience of delivering projects using DBB, DB and CM/GC delivery methods. His experience primarily includes project management, structural design of movable and fixed bridges, development of bridge layout, developing construction sequence, reviewing temporary work and construction methods developed by contractors, responding to RFIs for rail projects. He is a registered professional and structural engineer across several states in the US. Manab is an active member of AREMA Committee 15 for steel structures.				
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).			
12/24-Ongoing	LADOTD, IDIQ Contract for Engineering and Technical Support Services for Critical Projects, Statewide, Louisiana. Bridge design lead for a replacement of a movable bridge for LA 324 over Bayou Teche. HNTB led the development of the plans for a 180-foot swing span bridge crossing. Services include bridge structural design, bridge mechanical and electrical design, road design, architectural design, property survey and ROW maps, geotechnical exploration and design, and preliminary and final plan development.			
06/19-Ongoing	BNSF, Bridge 1750.9 over Skykomish River, Gold Bar, Washington. Project manager and engineer of record for the project. The project involved evaluation of two alternatives. Alternative 1 aimed to reuse the existing foundation, replace more than 100 years old superstructure reap clement with a 252-foot through truss and 100-foot deck plate girder spans. Alternative 2 aimed to replace the existing bridge in an offline alignment. HNTB serves as the prime consultant to provide project management, structural design, H&H engineering, survey, develop construction sequence to minimize track outages and assist in USACE permit.			
07/22-Ongoing	UPRR, Robert Street Bridge Replacement Independent Design, Kansas City, Missouri. Project manager and structural lead for this project involving independent design of a 215-foot single track rolling bascule span in an online alignment. As part of this independent design, HNTB is scoped to perform review of the plans and specifications at each milestone, to perform independent design of the bascule truss, track girder, bascule and rest piers and to review the construction sequence.			
02/19-Ongoing	USACE, Armourdale and Central Industrial District (CID) Levees Raise, Kansas City, Kansas and Missouri. Bridge lead for the task that involves conceptual evaluation and final design of the potential influence of the Levee raise may have on the UPRR Bridge 3 and the MoPac located just upstream of the confluence of the Kansas and the Missouri Rivers in Kansas City, Missouri. The task involves multiple disciplines including bridge, H&H, mechanical, electrical, geotechnical and utility. Following the 1993 flood, the seven levees were studied under Section 216 of the 1970 Flood Control Act. The behavior of the existing bridges was analyses under hydraulic and debris loadings based on AREMA, ASCE, and FHWA guidelines.			



Manab Medhi, PE, SE

08/19-Ongoing	BNSF, Bridge 72.8 White Salmon River, Underwood, Washington. Project manager and engineer of record for the project, which involves conceptual engineering and development of initial schemes that includes different foundation types like drilled shafts, micropiles, driven piles and superstructure types like plate girders, through plate girders and through trusses. After the selection of the alternative, HNTB serves as the prime consultant to provide final design, H&H engineering, survey, geotechnical investigation, develop construction sequence to minimize track outages and assist in USACE and USCG permit.
01/10-04/12	LADOTD, US 90 Huey P. Long Bridge over the Mississippi River Widening, New Orleans, Louisiana Assisted in the design of gusset plate connections for the truss and pile driving templates.
02/24-09/24	BNSF, Bridge Through Plate Girder (TPG) Standards, Fort Worth, Texas. Project manager who worked with BNSF to develop the design and plans for a TPG standard with design considerations that would allow it to be modified for use in any bridge superstructure replacement. Though this standard was developed to be used in an emergency, HNTB made the design efficient for a 150-foot-long span that has the ability to adapt to any span lengths less than that. The design and details allow it to fit any span length between 75 feet and 150 feet with minimal modification. The TPG standard was designed and detailed with the understanding that major components of a span could be fabricated without consideration of a specific location and placed into storage. If an emergency bridge replacement is necessary, this complete fabrication could then be modified to fit a variety of span length and skew configurations. A unique feature of this design is the ability to adapt the standard to variable skew angles, ranging from no-skew up to a maximum skew of 60 degrees.
07/24-12/24	BNSF, Flood Impacted Bridge 2001-518.9 Replacement over the Bog Saux River, Saux City, Iowa. Project manager for the collapse of the BNSF bridge due to extreme flooding, a significant incident with serious consequences for local businesses and transportation networks. As part of the project, HNTB provided construction support during the demolition of the existing bridge, conceptual evaluation of the replacement alternative and final design of the replacement of the existing bridge. The main span of the new bridge, a 175-foot long through plate girder, stands as the longest such span in BNSF's system. To meet the aggressive schedule, HNTB delivered the steel design early as a separate package, allowing construction to proceed without delay. The new pier foundation rests on large diameter drilled shafts, providing the necessary structural support for the replacement bridge.
03/18-09/18	UPRR, Bridge 1.96 over Roosevelt Road, Chicago, Illinois. Project manager and EOR for the project that consists of replacement for Bridge 1.96 over Roosevelt Road on the Rockwell Subdivision. Developed the bridge layout and construction sequence that minimizes track outage and directly supervised the design and plan development of the bridge plans. The proposed replacement structure is a TPG bridge carrying the existing track on its current horizontal alignment, with a provision of addition of a new track in the future. Developed the work plan per the project budget and schedule.
10/13-08/20	BNSF, West Coast Bridges, Vader and Stephenson, Washington. EOR for BNSF Bridge 814. and 53.5 who served as the structural lead for the three bridges over Rock Creek 81.4, Little White Salmon River 53.5 and the Cowlitz River 66.4 during existing substructure evaluation, construction sequence, span layout study and preliminary design phase. He performed the bridge layout for the three bridges. Span types include trusses, deck plate girders and prestress spans. Foundation type consists of cap with drilled shafts and piles.
06/10-05/13	Canadian National Railway, CN Bridge 173.20 over the Fox River, Oshkosh, Wisconsin. Lead design engineer and project engineer during construction for the project that involved the replacement of an existing swing span with a new single leaf rolling bascule through truss. Superstructure includes six deck plate girders, one track girder and a 147-foot single leaf rolling bascule span. Performed the rating of the existing 178-foot swing span and 148-foot through trusses as a part of the replacement concept report.
02/10-08/10	BNSF, Bridge No. 204.66 over the Mississippi River, Burlington, Iowa. Truss designer who assisted in preparing the final design plans and cost estimates of the approach spans, which consisted of six fixed trusses of 245-foot spans and two ballast deck plate girders. Also involved with the construction phase of the vertical lift span of the project and was on site to assist in drilled shaft construction. The new bridge is 2,146 feet long and replaces the old railroad bridge's swing span and approach spans, which were originally constructed in 1868. The existing superstructure was reconstructed in 1912. The new vertical-lift span increases capacity for rail and clearances for maritime traffic. HNTB completed an alternatives analysis, design coordination, permitting, geotechnical, hydraulic studies and construction documents for the replacement of six existing truss spans with new superstructure spans and foundations for BNSF.

16. Staff Experience

Firm employed by: **HNTB**

Name	John Bernard, PE	Years of relevant experience with this employer	27
Title	Technical Advisor	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 1998 / Civil Engineering	
Active registration number / state / expiration date		PE: #31026 / LA / 03-31-2028; #19068 / MS / 12-31-2027	
Year registered	2004	Discipline	Civil
Contract role(s) / brief description of responsibilities		Bridge Design	
John's experiences include bridge design, widening, repair, rating, inspection, construction support and plan preparation, as applicable for steel trusses, movable bridges, curved and straight plate girders, pre-stressed girders, and timber structures. He performed many various bridge inspections including five major Mississippi River crossings. John is experienced with major Mississippi River bridge repair plans and construction inspection. He has performed many non-bridge structural designs and repairs, such as retaining walls, floodwalls, floodgates, and culverts.			
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).		
02/22-Ongoing	LADOTD, I-10 Calcasieu River Bridge Replacement Early Works Package, Calcasieu Parish, Louisiana. Engineer for the substructure modifications and existing bridge repairs. Several obstacles needed to be overcome to allow for the replacement bridge to be constructed within the proposed limits set out by the P3 procurement and the environmental documents. To allow for the new railroad alignment, modifications were required to the substructure of the existing bridge. A complex system involving temporarily supporting the structure and transferring the load to the new structure was designed. Complex FEA was required to design the straddles and jacking connection. Repair plans were developed based on the agreed to repairs from the inspection performed.		
10/22-Ongoing	LADOTD, I-12 Over Hog Branch, Livingston Parish, Louisiana. Structural design engineer for all superstructure and substructure design and plans from initial bridge widening task to revised bridge replacement. The new bridge is 124.5 feet wide and consists of three spans at 114 feet with prestressed LG-54 girders on pile bents and replaces the existing bridge using phased construction.		
09/21-Ongoing	LADOTD, I-110 North Street to Plank Road, East Baton Rouge, Louisiana. Lead design engineer who designed and developed plans for soil-founded, grade separated (up to 8 feet) cantilever retaining walls with traffic barriers, and steel girder repair due to vehicle impact damage using heat straightening and cover plates.		
04/13-Ongoing	LADOTD, LA 1 Phase 2, Golden Meadow to Port Fourchon, Louisiana. Lead design engineer for this bridge project, which will eventually connect at-grade LA 1 to the existing phase 1 structure. Duties include coordination with LADOTD personnel, as well as development of superstructure, substructure, and geometric alignment. Project coordination responsibilities include subconsultants, permits, utilities, electrical/lighting design, ITS design and tolling system design. This project is multi-faceted, including a phased design and construction approach, a tolling facility, levee, flood wall and pipeline crossings, ABC methods, and environmental regulations.		
12/11-08/18	LADOTD, I-20 Overpass Rehabilitation, Bossier City, Louisiana. Lead design engineer responsible for inspection and repair plans for five, twin, steel-span and two concrete span bridges (Westerfield to Industrial). The project included many significant scope changes, including replacing rocker bearings, steel plate expansion joints, end bent backwall using precast sections, approach slabs (precast and cast-in-place), bridge barriers and roadway median barriers, bridge barrier retrofits, deck overlay, steel repainting and concrete repair.		





16. Staff Experience

Firm employed by: **HNTB**

Name	Marc Hoffmann, PE		Years of relevant experience with this employer	8
Title	Project Manager		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization	MS / 2018 / Civil Engineering BS / 2015 / Civil Engineering			
Active registration number / state / expiration date	PE: #44342 / LA / 09-30-2026 FHWA-NHI-130053 Bridge Inspection Refresher Training FHWA-NHI-130055 Safety Inspection of In-Service Bridges			
Year registered	2020	Discipline	Civil	
Contract role(s) / brief description of responsibilities	Bridge Design; Bridge Inspection; Plan Development; Letting Support; Shop Drawing Review			
Marc serves as a bridge engineer in HNTB's Baton Rouge office. He brings over a decade of experience in bridge design, inspection, evaluation and rehabilitation. In his tenure, he has gained extensive knowledge of the AASHTO manuals for bridge design, evaluation and element inspection.				
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).			
01/22-Ongoing	LaDOTD, LA 1 Phase 2 Construction Support, Golden Meadow to Port Fourchon, Louisiana. Technical engineer and deputy project manager for the construction support services of the two-lane bridge connecting Golden Meadow to Leeville (approximately 8 miles of bridge). Reviews structural shop drawings including but not limited to girder shop drawings, precast cap shop drawings, and pile shop drawings as a technical engineer. Distributes shop drawings for review to different disciplines as deputy project manager. Also answers RFIs including but not limited to pile misalignment, material substitutions, and construction joint placements. Develops required change orders using MicroStation when necessary.			
06/22-Ongoing	LaDOTD, I-10 Calcasieu (HBI) Early Works Package, Lake Charles, Louisiana. Bridge engineer participating in the designs of the superstructure and substructure for the new steel girder temporary bridge over a piperack trench. Designed a crash beam structure to protect the existing bridge while also providing safety to drivers. Served as designer on the project as well as overseeing the final bridge plan production for the project. The project utilized ABC techniques by utilizing preconstructed girder and concrete deck segments with ultra high performance concrete closure pours. Due to the new P3 Calcasieu River Bridge Replacement project, the local gas pipeline owner was required to re-locate its gas pipelines to a new location that did not conflict with the new P3 bridge piers. The final gas pipeline configuration was a piperack trench that conflicted with the existing I-10 on-/off-ramp new Sampson Street. This required a temporary bridge to be constructed to span the piperack trench on the I-10 on-/off-ramp until the new P3 bridge is built. Project also included a temporary access road underneath the existing I-10 bridge with low vertical clearance.			
12/24-Ongoing	LaDOTD, LA 47 Bayou Bienvenue Bridge Replacement Construction Support, St. Bernard Parish, Louisiana. Project manager and bridge design engineer for the construction support services for the new slab span bridge near Chalmette. Distributes and oversees structural shop drawings including but not limited to precast concrete bent caps, piles, and metal bridge railing shop drawings. Distributes and oversees RFI reviews as needed.			



Marc Hoffmann, PE

02/24-07/24	LaDOTD, LA 47 Bayou Bienvenue Bridge Replacement Design, St. Bernard Parish, Louisiana. Deputy project manager and bridge engineer overseeing the designs of the superstructure and substructure for the new 320-foot slab span bridge near Chalmette. Due to the rapidly deteriorating nature of the bridge, ABC techniques were incorporated into the final plans by utilizing precast concrete bent caps that were the exact same dimensions for both phase 1 and phase 2 construction. Due to the proximity of the low chord to corrosive brackish water, stainless steel reinforcing bars as well as discrete galvanic anodes were also incorporated into the final plans. The project required an extremely condensed schedule with final plans required within six months of the start of the project.
10/20-03/22	LaDOTD, LA 3250 (I-49/UPRR Overpass Repair), Alexandria, Louisiana. Technical engineer for the project, which partially replaced a 95-foot concrete prestressed girder span hit by an over-height vehicle. To ensure minimal impact on traffic, the new portion of the span was constructed off-site and moved into place using a self-propelled modular transporter (SPMT). Designed the new girders to replace the damaged girders and ensuring the newly constructed portion of the span would fit into place once it was moved with SPMT. Used computer-aided software (LEAP Bridge Concrete) to calculate superstructure girder capacities and loads, as well as Bentley MicroStation to produce drawings for the plan set. Performed QC on the MicroStation sheets.
02/21-12/21	LADOTD, LA 1 Levee to Golden Meadow Phase 2 Design, Louisiana. Technical engineer and designer for new two-lane bridge, approximately 8 miles long. The project consisted of precast prestressed concrete girder spans, slab spans, and reinforced concrete substructures and consisted of three different phases: 2A, 2B, and 2C. Designed the substructures for phase 2C as well as produced plan sheets. Provided guidance on the superstructure design of the slab spans for phase 2C. Models were created for the superstructure and substructure of the bridge using leap bridge C=concrete, and plan sheets were created using MicroStation. Assisted in the letting support phase by answering contractor questions and providing any necessary plan revisions once final plans were submitted.
01/20-10/21	LADOTD, LA 532 over I-20 Construction Support, Monroe, Louisiana. Technical engineer for the construction support services for the new LA 532 bridge over I-20. Reviewed structural shop drawings including but not limited to girder shop drawings, bearing pad shop drawings, and joint shop drawings. Answered RFIs including but not limited to pier protection and drilled shaft questions.
09/18-11/19	LADOTD, LA 532 over I-20 Bridge Design, Minden, Louisiana. Technical engineer and designer for the new LA 532 bridge over I-20. The new bridge design utilized precast prestressed concrete beams on reinforced concrete bent caps with reinforced concrete columns. Designed the major portions of the bridge, including the girders, deck, and substructure. Models were created for the superstructure and substructure of the bridge using leap bridge concrete, and the models were used for the design. Once the design was finalized, MicroStation sheets were created to convey the design and construction intent, and the sheets were submitted to LADOTD. Assisted in the letting support phase by answering contractor questions once final plans were submitted.
08/18-08/23	LADOTD, LA 15 over Boeuf River Construction Support, Richland Parish, Louisiana. Technical engineer for the construction support services for the new LA 15 bridge over Boeuf River. Reviewed structural shop drawings including but not limited to girder shop drawings, bearing pad shop drawings, and joint shop drawings.
02/18-06/18	LADOTD, LA 15 over Boeuf River Bridge Design, Richland Parish, Louisiana. Technical engineer and designer for the new LA 15 bridge over Boeuf River. The new bridge design utilized precast prestressed concrete beams on reinforced concrete bent caps. Designed the major portions of the bridge, including the deck and concrete bent caps. Models were created for the design of the superstructure and substructure using Leap Bridge Concrete. Once the design was finalized, MicroStation sheets were created to convey the design and construction intent, and the sheets were submitted to LADOTD. Assisted in the letting support phase by answering contractor questions once final plans were submitted.
06/16-02/17	LADOTD, Inspection and Load Rating of Three Complex Truss Bridges, Statewide, Louisiana. Inspector and technical engineer tasked with the inspection of the gusset plates for each of the three truss bridges. Performed load rating analysis. Coordinated with local state traffic control divisions, taking measurements and recording observations during the inspection, and performing post-analysis and generating inspection reports for each bridge.

16. Staff Experience

Firm employed by: **HNTB**

Name	Patrick Roth, PE		Years of relevant experience with this employer	14
Title	Structural Engineer		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization	BS / 2008 / Civil Engineering			
Active registration number / state / expiration date	PE: #41553 / LA / 09-30-2027 FHWA-NHI-130053 Bridge Inspection Refresher Training FHWA-NHI-130055 Safety Inspection of In-Service Bridges FHWA-NHI-130078 Fracture Critical Inspection Techniques for Steel Bridges ATSSA Traffic Control Supervisor Refresher - LA State Specific SPRAT Rope Access Technician Level 1			
Year registered	2017		Discipline	Civil
Contract role(s) / brief description of responsibilities	Bridge Inspection			
Patrick is a NHI/FHWA certified bridge inspector in HNTB's bridge group and brings 18 years of structural and bridge engineering experience includes the inspection, analysis and rehabilitation of existing structures as well as design of new bridge, highway and flood control structures. He is also experienced in construction management and has provided on-site services for bridge construction projects. As project manager and lead inspection team leader, Patrick is responsible for planning, scheduling all personnel and equipment, coordination with multiple agencies, and managing multiple teams in the field to ensure completion of the project with high quality, on time, on budget, to the client's satisfaction.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/16-Ongoing	LaDOTD, NBIS Inspection of Complex Bridges Retainer Contracts, Statewide, Louisiana. Project manager and team leader for the NBIS in-depth inspections of US 190 Baton Rouge Mississippi River Bridge, I-310 Luling Mississippi River Bridge, LA 10 John James Audubon Mississippi River Bridge, US 90 GNO Cantilever Truss Bridges, LA 23 Judge Perez Bridge, LA 1 Lockport Bridge, US 90 Atchafalaya Mississippi River Bridge, I-10 Calcasieu River Bridge, I-10 Baton Rouge Mississippi River Bridge, US 90 Danziger Bridge, Senator Ted Hickey Bridge and Claiborne Avenue Bridge. Each inspection has to be coordinated with the district bridge engineer who we work with to allow their maintenance crew to use our lane closures to perform routine maintenance like patching deck spalls, cleaning joints and scuppers, and repairing bridge rails. On the Calcasieu Bridge inspection, the district has had to work with HNTB on several inspections to repair findings on rocker bearings and finger joints. Upon completion of the inspections, HNTB prepared inspection reports in accordance with LaDOTD and FHWA requirements, as well as developed recommendations for maintenance and rehabilitation. Each inspection report includes inputting all inspection data and Specifications for the National Bridge Inventory (SNBI) updates into LaDOTD's asset management system, InspecTX.			
05/21-05/22	ARDOT Hernando De Soto Bridge (I-40) over the Mississippi River, West Memphis, Arkansas and Memphis, Tennessee. Inspection team lead for the emergency inspections of the back-to-back, 900-foot tied trussed arch bridge. Inspections resulted from the identification of a fracture in a section of the fracture critical tie girder, requiring immediate closure of the span to traffic and the Mississippi River to navigation traffic. HNTB assisted with the review of repairs designed by ARDOT consultant and developed a structural model which demonstrated no viable alternative load path and that the bridge should remain closed until repairs were implemented.			



16. Staff Experience

Firm employed by: **FORTE & TABLADA**

Name	Joffrey E. Easley, PE		Years of relevant experience with this employer	19
Title	Group Leader - Transportation-Bridge		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		MS / 2003 / Civil Engineering BS / 2000 / Civil Engineering		
Active registration number / state / expiration date		PE: #31542 / LA / 03-31-2027 ATSSA Traffic Control Supervisor Refresher - LA State Specific ATSSA National Flagger FHWA-NHI-130053 Bridge Inspection Refresher Training FHWA-NHI-130055 Safety Inspection of In-Service Bridges FHWA-NHI-130078 Fracture Critical Inspection Techniques for Steel Bridges LADOTD Maintenance and Rehabilitation of Historic Bridges		
Year registered	2004	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Bridge Load Rating		
Joffrey has been responsible for the design and development of construction documents for many different bridge types including PPC girder, steel girder (included rolled shapes and plate girders), and slab span bridges. He has also load rated numerous bridges using the LRFR methodology; ranging from concrete slab span structures on local routes to urban corridor bridges several thousand feet in length on interstate routes. He has also rated many different types of movable bridges, including lift spans, swing spans, and bascule spans. Joffrey has been the team leader for the inspection of numerous bridges across Louisiana, from small bridges inspected from an aluminum bateau to major river crossings requiring snooters or man lifts to access the structural components.				
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).			
06/23-Ongoing	LADOTD, Retainer Contract for Bridge Load Rating Services, Statewide, Louisiana. Project manager, load rating engineer, and team leader for two task orders under a load rating retainer contract to perform a load rating for numerous bridges that have experienced a condition drop due to deterioration. The load ratings are being performed in accordance with LADOTD BDEM.96-Publication of Load Rating, Posting and Strengthening Standard Operating Procedure (SOP). Task order six is for the load rating of approximately sixty-five on-system girder bridges that have experienced a condition drop since the last load rating. Bridges vary from small bridges built using LADOTD Standard Plans to complex urban bridges several-thousand feet long. Includes inspection (when required) and, if a load posting if required, determination of repair/rehabilitation options to improve/remove the load posting.			
04/25-Ongoing	LADOTD, Retainer Contract for Bridge Load Rating Services, Statewide, Louisiana. Project manager, load rating engineer, and team leader for two task orders under a load rating retainer contract to perform a load rating for numerous bridges that have experienced a condition drop due to deterioration. The load ratings are being performed in accordance with LADOTD BDEM.96-Publication of Load Rating, Posting and Strengthening SOP. Task Order 10 is for the load rating of approximately 75 on-system bridges. Bridges include precast and CIP slab spans, CPM and box culverts, concrete and steel girder spans, and complex major river crossings. Includes inspection and, if a load posting if required, determination of repair/rehabilitation options to improve/remove the load posting.			



Joffrey E. Easley, PE

09/22-12/24	LADOTD, Retainer Contract for Bridge Load Rating Services, Statewide, Louisiana. Project manager, load rating engineer, and team leader for two task orders under a load rating retainer contract to perform a load rating for numerous bridges that have experienced a condition drop due to deterioration. The load ratings are being performed in accordance with LADOTD BDEM.96 - Publication of Load Rating, Posting and Strengthening SOP. Task order one is for the load rating of 95 on-system slab span bridges that have experienced a condition drop since the last load rating. Includes inspection (when required) and, if a load posting is required, determination of repair/rehabilitation options to improve/remove the load posting.
04/25-06/25	LADOTD, Blackmore Road Bridge Load Rating, West Feliciana Parish, Louisiana. Project manager for the load rating of a bridge on Blackmore Road in West Feliciana Parish constructed of repurposed railcars. Due to framing details of the railcars, they were not able to be load rated in AASHTOWare BrR. A unique load rating methodology was used, which included calculating member properties in Mathcad, performing a 3D FEM analysis in BrR to determine loads, then determining member capacities and Rating Factors in Mathcad. This methodology resulted in an increase in the posted load from 5T (based on a previous line girder analysis) to 15T-25T (based on the 3D FEM analysis).
03/23-12/24	LADOTD, East Lewis St Bridge Upgrades, Lafayette, Louisiana. Project manager for a multi-phase project involving the inspection, load rating, and development of rehabilitation plans for a steel girder and slab span bridge that serves the University of Louisiana at Lafayette. Load rating utilized material testing and a 3D laser scan to determine appropriate properties to consider for the load rating, followed by a 3D FEM load rating analysis, which resulted in the removal of a 3-ton posting requirement. To improve the long-term performance of the bridge, the bridge was subsequently rehabilitated, which included strengthening of the steel girders using post-tensioned cables, concrete spall and crack repairs of the concrete decks and bents, a urethane-epoxy overlay of the bridge deck, and sidewalk repairs.
06/16-04/20	St. Tammany Parish, Metric 13 Compliance, St. Tammany Parish, Louisiana. Project manager, team leader, and load rating engineer for the inspection and load rating of numerous off-system slab span, PPC girder, and railcar bridges throughout St. Tammany Parish in conformance with FHWA Metric 13, which establishes bridges inspection load rating requirements.
03/18-05/22	LADOTD, Retainer Contract for Off-System Bridge Load Rating, Statewide, Louisiana. Project manager, load rating engineer, and team leader for a retainer contract that includes multiple task orders to inspect and load rate off-system bridges and culverts across the state. Task Order 1: Inspection and load rating of 12 complex off-system bridges, including lift spans, swing spans, bascule spans, ferry landings, and truss bridges. Task Order 2: Inspection and load rating of approximately 200 off-system bridges, consisting primarily of slab spans. Task Orders 2B and 3: Inspection and load rating of approximately 200 culverts that meet the requirements to be considered a bridge across the state. Task included the development of unique inspection techniques utilizing 3D laser scanning and sonar for the inspection of these structures. Task Order 4: Inspection and load rating of 340 off-system bridges, consisting primarily of slab spans, but also including concrete and steel girder spans, included the Linwood Avenue bridge over multiple railroad tracks in Shreveport. The bridge is near the I-49/I-20 interchange and is composed of steel girders, steel bent caps, and steel column assemblies. Because existing plans were not available, 3D laser scanning was utilized to capture complex geometry and member sizes that were then utilized in the load rating and in the development of load rating plans. The inspection also included the use of an ultrasonic thickness gage to verify member thickness, as well as detailed measurements to determine section loss at the steel column bases. Task Order 5: Provided instrumentation and load testing of several slab span bridges and metal culverts with the subconsultant. Structures were load tested after the original load ratings resulted in a load posting (or in some cases a closure) using conventional load rating procedures. Based on the results of the load testing, the load posting requirement was removed on all bridges and significantly increased or removed on all culverts. The results of the load testing were subsequently used to load rate and remove the posting requirements on several additional similar bridges.

16. Staff Experience

Firm employed by: **HNTB**

Name	Paul Hunter, PE		Years of relevant experience with this employer	14
Title	Electrical Engineer		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		BS / 1993 / Electrical Engineering		
Active registration number / state / expiration date		PE: #45076 / LA / 03-31-2027		
Year registered	2020		Discipline	Electrical
Contract role(s) / brief description of responsibilities		Roadway Lighting Design Task Lead		
Paul is an electrical engineer with experience in on numerous industrial, commercial, and municipal projects, performing voltage drop calculations, lighting level calculations for indoor and outdoor lighting, and fault current studies. He also has experience with programmable logic controllers, radio telemetry, and emergency generators.				
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-Ongoing	City of Lawrence, South Lawrence Trafficway, Lawrence, Kansas. EOR who provided quality review of the plans. The project installed new traffic signals at the following intersections: Wakarusa Drive and K-10 westbound ramps, Wakarusa Drive and 27th Street, US 69 (Iowa Street) and K-10 eastbound ramps, US 69 (Iowa Street) and K-10 westbound ramps.			
02/22-Ongoing	MoDOT, US 169 Buck O'Neil Bridge Replacement DB, Kansas City, Missouri. EOR who provided quality review of the plans. The new bridge over the Missouri River caused the intersection at Broadway and 5th Avenue to be revised. The project also included the design of new traffic signals for the intersection.			
06/22-03/23	UDOT, West Davis Corridor, Davis County, Utah. Lead electrical engineer and EOR for this project that included lighting for the new West Davis corridor and I-15 interchange. It also included lighting for tunnels in a pedestrian trail and intersection lighting.			
06/21-06/23	SLFPA-W, 2021 Engineering Services IDIQ, Algiers and West Jefferson Parishes, Louisiana. Electrical engineer responsible for reviewing pump station documents for the GIWW West Closure Complex (WCC), Harvey Canal and Bayou Segnette floodgates. This project aims to rehabilitate corrosion protection and miscellaneous repairs or improvements, agency permitting, meetings and EDC.			
03/17-08/20	LADOTD, US 90 Atchafalaya Bridge, Morgan City, Louisiana. Performed site investigation to determine existing conditions of the navigation lights on the bridge and how to add additional fixtures. Developed plans to add the additional navigation lights and rehabilitation plans for the existing navigation lights. This project involved adding marine navigation lighting to an existing bridge.			
06/17-06/18	LADOTD, Judge Perez Lift Bridge, Belle Chase, Louisiana. Lead electrical engineer for the detailed inspection of the electrical systems for this tower drive vertical lift span over the GIWW. Provided a written report with element ratings and maintenance recommendations.			
04/12-08/16	USACE, LPV 145 Swing Span Bridge at Bayou Bienvenue Floodgate, St. Bernard Parish, Louisiana. Lead electrical engineer who performed an initial site survey to document existing conditions for this new single-lane bobtail swing span bridge. Involved with the preparation of the engineering plan which included navigation lights, an existing generator, and the existing service for the sector gate. Control panels to operate the bridge were provided on both sides of the channel. The project was built next to an existing sector gate dam.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Edward Grill		Years of relevant experience with this employer	24
Title	Section Manager		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 2026 / Electrical Engineering BS / N/A / Computer Engineering Credits		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Roadway Lighting Design		
Edward is a section manager for HNTB responsible for the design and development of contract plans, review of shop drawings, and coordinating design efforts with clients. He has experience with the design and development of street, roadway, building, parks, pedestrian, bridge accent land other lighting system. He also has experience designing telecommunication systems, access control systems, interior and roadway lighting systems, motor control centers, programmable logic control systems, both low and medium voltage power distribution systems, and numerous types of electronic toll collection systems. He has also been involved in the design of aviation lighting, navigation, weather reporting, fire alarm and suppression systems, sign guidance systems and intelligent transportation systems.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/22-01/23	LADOTD, Kenner City Street Lighting, City of Kenner, Louisiana. Lead lighting project engineer responsible for the design of a new street lighting system along the Williams Boulevard corridor for the City of Kenner. Responsibilities included the delivery of contract PS&E to construct an ornamental street lighting system stretching about 1.5 miles of roadway. Lighting design calculations were performed using the Lighting Software developed by Acuity Brands called Visual Lighting. Industry standard practices and criteria were followed and included those published by FHWA, IES, and AASHTO.			
04/24-02/26	LADOTD, Baton Rouge Chippewa Street Flood Warning Gates, Baton Rouge, Louisiana. Lead electrical engineer responsible for the design services to construct and install flood warning gates at the water pumping station along Chippewa Street in Baton Rouge. Level of effort included the integration of fiber communications, evaluation of existing and future power loads, generator sizing analysis, water level detection, operations sequencing, offsite monitoring, and selection of proper equipment and devices to safely warn and restrict travel through a notorious high water level area. New power distribution equipment was designed to accommodate the new loads and separate the gate warning system from existing water pump operations at the facility. Numerous gates and cameras would limit travel through the flooded area and cameras provide a real-time view of the facility and operation of the gate system.			
11/21-09/22	LADOTD, Route 1 Toll Plaza Ida Repairs Leeville, Louisiana. Lead electrical engineer responsible for the design and plan to repair and restore the Route 1 Toll plaza electrical and tolling services after being damaged from Hurricane Ida. Level of effort included on site field investigation to identify electrical and tolling equipment which required replacement, power load analysis, standby power load analysis, coordination with local electrical utility service provider, plan and specification development, and construction support. Additionally the design of a new mobile trailer mounted backup generator to support the facility was added to the design requirements. HNTB designed a custom 480VAC single-phase generator and transformer configuration to facilitate the unique power service and distribution for the facility.			



Edward Grill

06/17-07/20	NYSDOT, Route 17 at Route 32 (Exit 131) Reconstruction, Harriman, New York. Lead lighting design engineer for this DB project which includes the reconstruction of the Route 17 at Route 32 (Exit 131) interchange to meet interstate standards. The scope includes construction of a grade separated access point to and from Woodbury Common Premium Outlet (WCPO), reconstruction of Exit 131 eastbound ramp system, reconstruction of Nininger Road (CR 64) and the Exit 131 westbound ramp system, reconstruction of Route 17 (Future I-86) from US Route 6 (Exit 130A) to the Harriman Toll Plaza, replacement of BIN 1003340, increasing clearance under BIN 1077100 to Interstate standards, reconstruction/resurfacing of Route 32 from Commerce Drive to a point approximately 500 feet north of the intersection with Buena Vista Terrace, reconstruction and/or resurfacing of ramp connections to and from US Route 6, and internal roadway improvements to the Monroe-Woodbury Central School District campus. Responsible for task management and design of roadway and tunnel lighting systems, all contract power distribution requirements, including car charging stations, load centers, ITS equipment, traffic signals, including acquiring electrical utility service from the utility provider, and coordination of construction requirements with NYSDOT. More than two miles of roadway lighting systems were designed and constructed using LED luminaires to provide a safe, highly efficient and aesthetically pleasing lighting system for both drivers and pedestrians traveling on foot throughout the project limits on a new sidewalk.
08/11-10/19	MTA Bridges and Tunnels (TBTA), Robert F. Kennedy Bridge RK65A Design and DSS for Bronx Toll Plaza Structure Reconstruction, Bronx, New York. Lead electrical project engineer responsible for task management and design of roadway and toll plaza lighting systems, toll collection integration and security systems, including access control, CCTV, all contract power distribution requirements, including the design of a new 5kV Substation, and coordination of construction requirements with TBTA. The roadway lighting systems were designed and constructed using LED luminaires to provide a safe, highly efficient, and aesthetically pleasing lighting system for drivers and to accommodate facility operations. The 5kV Substation design included a 500KW generator, load bank, main distribution panel, multiple automatic transfer switches, tap boxes for supplemental generator connections which was construction using a pre-fabricated enclosure to accelerate delivery and installation. HNTB, in a joint-venture team, provided structural design and construction support services to replace the Bronx Toll Plaza superstructure. The existing Bronx Toll Plaza was widened from the original structure and the longitudinal joints in the deck represent one of the worst locations of deterioration. HNTB developed a unique "floating" superstructure on bearings to eliminate virtually all deck joints from the structure. The new cast-in-place is designed for a 50-year service life and is isolated from the existing superstructure and piers, eliminating the need for seismic retrofit. The project also involved design of new power distribution system and electrical enclosure. The system consisted of new medium-voltage switchgear, new stand-by generator, power to data center and toll booths, modification of numerous power panelboards, and redundant transfer switches.
01/16-08/20	New York State Thruway Authority (NYSTA), DB Construction of the Mario M. Cuomo (Tappan Zee) Bridge, Tarrytown, New York. Electrical engineer responsible for the design, analysis, and development of construction plans, specifications, and estimate for the construction of NYSTA's Rockland Landing rest area building in Rockland County New York. Project design responsibilities included fire alarm, CCTV, power distribution, lighting for both interior and exterior areas including a pedestrian tunnel accent lighting system, communication, networking, and access control systems for the facility. The project reconstructed the local exit roadways for South Nyack and included a shared-use-path for pedestrians and cyclists along with rest area features. Working as part of HNTB's contract as owner representative for the replacement of the Tappan Zee Bridge. The existing structure connects South Nyack in Rockland County with Tarrytown in Westchester County in the Lower Hudson Valley. The total length of the bridge and approaches is 16,013 feet with a main cantilever span of 1,212 feet. The project is one of New York's first DB projects with a cost of \$3.98 billion. The replacement structure is a twin bridge cable-stay main span structure north of the existing alignment.
01/23-Ongoing	MassDOT, Davol Roadway Improvements, Fall River, Massachusetts. Lead lighting project engineer responsible for the design of a new street lighting system along the Davol Street corridor for the City of Fall River. Responsibilities included the delivery of contract plans, specifications, and cost estimate to construct an ornamental street lighting system stretching over 5 miles of traveled roadway and local streets. Lighting design calculations were performed using the Lighting Software developed by Lighting Analysts AGI32. Industry standard practices and criteria were followed and included those published by FHWA, IES, and AASHTO.

16. Staff Experience

Firm employed by: **HNTB**

Name	David Branch, PE	Years of relevant experience with this employer	19
Title	Senior Resident Engineer	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization	BS / 2002 / Civil Engineering		
Active registration number / state / expiration date	PE: #32902 / LA / 03-31-2027		
Year registered	2006	Discipline	Civil
Contract role(s) / brief description of responsibilities	Construction Support Task Lead		
David is a senior resident engineer with 24 years of experience that includes program management and transportation projects. His knowledge of DOT systems, processes and design standards have made him an asset on several projects including the \$115M LADOTD Submerged Roads PMC project.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/23-Ongoing	Ascension Parish, Move Ascension PMC Retainer, Ascension Parish, Louisiana. Resident engineer for the Move Ascension transportation initiative to address the traveling public's current and future capital improvement transportation needs. Under this contract, HNTB is responsible for the administration, planning, control, design oversight, environmental permitting, ROW acquisition, utility relocation, construction inspection and public outreach for this CIP. The firm oversees 17 design consultants' activities as part of this program's pre-construction services. Provides daily owner verification inspection/oversight and related construction reporting; monitors QA/QC efforts; ensures construction compliance; and performs reviews including plans, specifications and documents.		
04/21-Ongoing	Parish of Baton Rouge, MOVEBR New Capacity Improvement Projects, Baton Rouge, Louisiana. Resident engineer who is performing as an on-site representative for this program of projects that was separated into a list of capacity and enhancement projects. HNTB is responsible for the \$800 million in capacity infrastructure projects on 40 roadways throughout the parish of East Baton Rouge.		
04/17-04/21	TxDOT, US 181 Harbor Bridge Replacement Comprehensive Design Agreement (CDA), Corpus Christi, Texas. Roadway resident engineer for this \$802 million DB project includes a 1600-foot segmental cable-stayed bridge over the Port of Corpus Christi, segmental approach structures, new interchange of US 181/I-37 and four miles of new highway. Responsibilities include performing as an on-site representative for TxDOT, monitoring for DBA compliance; daily OV inspection/oversight and related construction reporting; monitoring QA/QC efforts; ensuring construction compliance; and performing reviews including plans, specifications and related management documents.		
03/14-04/17	TxDOT, US 77 (Kingsville to Driscoll) DB, Corpus Christi, Texas. Resident engineer for this \$80 million DB, 8-mile project that upgraded US 77 to interstate highway standards to improve safety and mobility as well as foster economic development throughout South Texas. Responsibilities included performing as on-site representative for TxDOT, and monitor for DBA compliance; daily OV inspection/oversight and related construction reporting; monitoring efforts of QA/QC, and construction compliance; and performing reviews; including plans, specifications, and related management documents.		
07/10-03/14	Texas General Land Office, Disaster Recovery PMC, Various Locations, Texas. Resident engineer for the recovery effort for impacts from the 2008 hurricanes Dolly and Ike. Helped to develop policy and procedures to efficiently gather and provide information during the construction procurement and construction activity phases of the program.		



16. Staff Experience

Firm employed by: **HNTB**

Name	Joseph Stilson, PE, PMP		Years of relevant experience with this employer	1
Title	Project Manager		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering		
Active registration number / state / expiration date		PE: #39762 / LA / 09-30-2027		
Year registered	2015		Discipline	Civil
Contract role(s) / brief description of responsibilities		Shop Drawing Review		
Joseph is a project manager at HNTB's Baton Rouge office. Throughout his 17-year career, he has amassed a diverse background working in the infrastructure and industrial sectors as a contractor, owner, and multi-discipline engineering designer. Joseph's experience includes roles as a field engineer, asset inspector, site civil/structural engineer, assistant project manager, project controls specialist, and project manager. Areas of expertise include means and methods engineering, construction planning and execution, construction safety, structural steel erection, structural bolting and welding, scheduling, contract management, and multi-discipline project management.				
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).			
06/25-Ongoing	Parish of Baton Rouge, MOVEBR Infrastructure Program, Baton Rouge, Louisiana. Resident engineer serving as the on site representative for a \$1.2 billion parish-wide infrastructure program composed of multiple capacity and enhancement projects. HNTB is responsible for delivering \$800 million in capacity improvement projects spanning 40 roadway corridors throughout East Baton Rouge Parish. Responsibilities include overseeing field operations, coordinating with contractors and stakeholders, ensuring compliance with project specifications, and supporting successful execution of major transportation improvements across the Parish.			
06/25-Ongoing	LADOTD, LA 1 Phase 2, Golden Meadow to Port Fourchon, Louisiana. Project manager with direct responsibility for project budget oversight, execution planning, and subcontractor coordination. Managed PDA pile monitoring and dynamic testing field personnel to ensure compliance with technical specifications and schedule requirements. Oversaw the review and resolution of RFIs and construction submittals, facilitating timely and accurate communication between design and construction teams to support efficient project delivery for an new 8-mile elevate span.			
01/25-08/25	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. Task lead with responsible for reviewing ROW, utility relocation, and bridge aesthetics submittals to ensure full compliance with project technical provisions and LADOTD standard specifications. Facilitated coordination between design and construction teams to uphold regulatory standards and project requirements supporting timely approvals and QA throughout the project lifecycle.			
01/25-05/25	LADOTD, I-10 Calcasieu River Bridge Repairs, Lake Charles, Louisiana. Project engineer supporting the team in the development of a comprehensive construction schedule and contract special provisions for a schedule-critical initiative involving multiple stakeholders. Contributed to strategic planning efforts to align project milestones with stakeholder requirements, ensuring clarity, feasibility, and compliance with contractual obligations. Facilitated coordination across disciplines to support timely project delivery and risk mitigation.			





16. Staff Experience

Firm employed by:



Name	Michael Gwynne, PE		Years of relevant experience with this employer	26
Title	Senior Project Director		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS / 1996 / Civil Engineering		
Active registration number / state / expiration date		PE: #58630 / FL / 02-28-2025		
Year registered	2002	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Non-Conformance Reports (NCR); Alternative Delivery Technical Services (P3)		
Mike has served as a technical advisor on alternative delivery projects, including P3 and DB delivery across the country. He brings varied experience from the perspectives of contractor, design engineer, and CEI consultant on construction projects totaling more than \$12 billion throughout his career. His clients include FDOT, Florida's Turnpike Enterprise, Caltrans, FRA and the PANYNJ. The majority of his assignments have included large, complex, multi-phase projects with compressed schedules. Mike's experience has given him insight into multiple types of contracts, project controls and client expectations. Throughout his career he has resolved, negotiated, mitigated and defended a variety of claims against the owner, including participating in several dispute hearings.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/24-Ongoing	FDOT, Central Office/Moving I-4 Forward Program, Orlando, Florida. Program director of construction overseeing six projects that make up the 14 mile \$3.8 billion program. The work includes widening the interstate from six lanes to 12, which includes the addition of four express lanes in the median, and the reconstruction of eight interchanges, and multiple category 1 and category 2 (complex) bridges. Each of the projects will be delivered as separate contracts, and the first three to start construction were procured as modified phased design build or phased design build. HNTB is performing the Corridor's Construction Manager (CCM) role, and 45% of the CEI services. Also served as the Corridor's Program Office (CPO) Principal. The CPO was created by FDOT to support to phased DB and modified phased DB projects across the state to ensure consistency of application and administration, as FDOT continues to expand use.			
12/13-12/23	FDOT D5, Central Florida's Commuter Rail Transit (Sunrail) Phase 1, Orlando, Florida. Senior project engineer responsible for managing and ensuring contract compliance of the initial operating segment (IOS) of the SunRail System. Managed a large inspection staff, reviewed numerous supplemental agreements and work orders over four contracts, conducted weekly design and construction coordination meetings, oversaw the management of daily construction activities and field issues, and oversaw management and resolution of contractor's requests for information, submittals and invoices. Assisted FDOT with reporting to the FTA and the FRA. The 31-mile IOS was a DB-maintain contract which included the design, engineering, construction, testing and commissioning of the system for revenue service. The \$238 million project included a new dispatching center in Sanford, improvements to 76 automatic highway warning crossing systems, 19 new wayside signal locations and 12 new interlockings. All the work on this line was conducted under rail traffic. Led negotiation efforts to resolve multiple disputes and claims against the owner.			



Michael Gwynne, PE

07/11-06/14	FDOT D5, I-4 Ultimate Project, Orlando, Florida. Resident engineer for the construction oversight services consultant contract who managed a large staff of compliance managers and auditors to administer the design and construction period of this \$2.3 billion P3 contract. The project involved 21 miles of wholesale improvements to the I-4 corridor. The primary scope of the COS consultant was to ensure concessionaire compliance with the concession agreement through the use of a Risk Based Audit Plan and Requirements Verification Database. The project included the reconstruction of I-4 to accommodate in each direction, three general use lanes, auxiliary lanes and two tolled express lanes. The project effected more than 17 existing interchanges and required the replacement or reconstruction of 144 bridges including the build out of SR 408 to its ultimate configuration between Delaney Avenue and just west of Tampa Avenue. Led negotiation efforts to resolve multiple disputes and claims against the owner, including representing FDOT in Dispute Review Board hearings.
01/11-08/11	PANYNJ, Goethals Bridge Replacement, Newark, New Jersey. Senior project engineer who led the RFQ and RFP development team for this proposed \$2.8 billion P3 high-speed rail (HSR) project between Tampa and Orlando. Duties included drafting the RFQ and project information memorandum, and drafting the RFP and coordination of narrative development with legal, civil, structural, rail, architectural and environmental disciplines. He also served as the SOQ expert and was a member of the project risk assessment team and technical review expert panels. HNTB served as the program management consultant for the preliminary engineering and procurement document preparation for a proposed HSR system linking Tampa to Orlando. The rail design allowed speeds greater than 186 mph while traveling between stations located in downtown Tampa, Lakeland, Walt Disney World, International Drive and the Orlando International Airport.
05/19-05/10	FDOT D4/Concessionaire, I-595 Corridor Improvements DB, Ft Lauderdale, Florida. Concessionaire CEI senior resident engineer responsible for developing CEI processes and procedures to comply with the requirements of the concession agreement. This 11-mile, \$1.2 billion DB project included the reconstruction and addition of auxiliary lanes on the I-595 mainlane as well as the associated ramps and SR 84 eastbound and westbound frontage roads. The project provided reversible express variable toll lanes in the I-595 median, with access provided just west of 136th Avenue, east of SR 7 and a direct connection to the Florida's Turnpike median. Led the development of CEI staffing, materials testing and acceptance program, inspection program, project controls and setup of CEI staff offices. Worked with both the FDOT oversight CEI and the concessionaire to establish project communications protocols, and planned and organized the work of subordinate CEI staff during early phases of construction. Reported to the concessionaire daily and interacted with FDOT and their oversight CEI frequently. HNTB performed CEI for the concessionaire on this P3 between D4 and the concessionaire consortium, I-595 Express, LLC.

16. Staff Experience

Firm employed by:



Name	Rakesh Sharma, PE, PTOE, PMP, CVP		Years of relevant experience with this employer	18
Title	Senior ITS and Traffic Operations Engineer		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		MS / 2005 / Civil Engineering BS / 2001 / Civil Engineering		
Active registration number / state / expiration date		PE: #72324 / OH / 12-31-2025; #70902 / FL / 02-28-2025 PTOE		
Year registered	OH 2007; FL 2010		Discipline	Civil
Contract role(s) / brief description of responsibilities		ITS Design and Support Task Lead		
Rakesh has over 23 years of experience combined working in the public and private sectors. He specializes in connected and automated vehicles (CAV) concept to operation, intelligent transportation system design to maintenance, automated traffic signal performance measures and transportation systems management and operations, traffic safety and transportation planning projects. His portfolio of work includes emerging technology systems deployment such as CAV planning and implementation, truck parking availability system planning and implementation, virtual weigh-in-motion planning and implementation, ITS design, ITS integration and deployment, systems engineering, regional transportation management center operations and management, systems management, managed lanes operation and management, emergency management and traffic incident management. Rakesh is instrumental in developing CAV program in the State of Florida and planned and developed several deployment projects. He also worked with Florida's Turnpike Enterprise and helped manage and operate the Central and West Florida region toll roads for traffic engineering and safety issues.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/22-01/26	FDOT, US 331 and US 98 (District 3), Chipley, Florida. Project manager/engineer of record for the 52 miles long ITS design project for the important arterial corridor SR 331 and US 98 in Bay and Walton Counties. The effort included developing fiber and ITS device plans along with traffic signal infrastructure connections. The project is now under construction post-design phase.			
02/20-04/25	FDOT, Henry E. Kinney Tunnel (District 4), Fort Lauderdale, Florida. Project manager for this first of its kind tunnel gate and ITS system for FDOT District 4 named Henry E. Kinney Tunnel. The system included tunnel gates, variable speed limit signs, lane control signals, arterial DMS, and tunnel signals. The project is under construction and in post-design phase.			
02/11-05/18	VDOT, I-95 Reversible Lanes, Fairfax, Virginia. Lead designer for the I-95 Reversible Lanes in Washington DC/Fairfax, Virginia region. The project included reversible lane gate systems, ITS devices, DMS, cameras, incident detection cameras, variable speed limits, and lane control signals.			
02/20-05/23	FDOT, Motor Carrier Size and Weight, Tallahassee, Florida. Project manager/engineer of record for the first of its kind virtual weigh in motion station in Hamilton County, Florida along I-95. The project included truck bypass DMS system, lane control signal, overheight camera detection system, CCTV, truck transponders, and speed detectors.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Todd Rogers		Years of relevant experience with this employer	30
Title	Construction Manager/ITS Designer		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		Industrial Technologies Coursework / 1986		
Active registration number / state / expiration date		N/A		
Year registered	N/A		Discipline	N/A
Contract role(s) / brief description of responsibilities		ITS Design and Support		
Todd has 42 years of experience and his primary responsibilities include designing the infrastructure layout for fiber communications system backbones as well as working with the engineering staff and project managers to facilitate the production of contract documents and the assembly of construction plan sets. He is well-versed as a project manager on several communication system design projects. For more than twelve years he has worked with clients such as LADOTD, PHA, TxDOT, HCTRA and the NTTA in the development, design, and construction of several fiber optic communication trunk lines. In many of these projects Todd was tasked with developing plans to maintain ITS and tolling operations during multiple phases of roadway/bridge construction. This generally included designing temporary fiber networks to avoid areas of construction followed by permanent and redundant trunkline design after roadway construction.				
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).			
01/21-12/22	TxDOT, I-20, ITS Design, Odessa, Texas. Designed the proposed ITS infrastructure for the future deployment of a fiber communications system for this 8-mile divided freeway reconstruction project. Designed a new conduit ductbank, relocation of affected CCTV, DMS, and radio communications devices, relocation of electrical services, and the deployment of new CCTV and DMS devices. Designed the multi-relocation of eight existing Over Height Vehicle Detection systems to remain operational across multiple construction phases and traffic shifts for the protection of existing bridges.			
04/22-02/26	HCTRA, Ship Channel Bridge, Houston, Texas. Providing ongoing ITS design revision for network communications access to new (additional) systems such as a fire protection system and a structural health monitoring system. Also providing construction phase services with responses to RFIs and shop drawings related to the ITS design.			
06/24-01/26	HCTRA, BFH Program, Houston, Texas. Senior technical reviewer who provided comments for the redesign of existing ITS and tolling fiber systems and the proposed redundant tolling fiber system. Multiple design firms producing plans for changes to an area of tolled roadway approximately 57 miles in length.			
07/22-02/24	TxDOT, I-10 ITS Design, Houston, Texas. Senior ITS designer for the reconstruction of a two mile stretch of I-10 near downtown. Design requirements included the relocation of existing infrastructure, design of new infrastructure that included new CCTVs, hub buildings, and electrical service points. Design included provision for keeping all ITS devices active and operational during construction.			
04/21-07/21	LADOTD, LA 1 ITS Design, Leesville to Golden Meadow, Louisiana. Designed the proposed ITS system that included two fiberglass conduit systems with fiber optic cables and conductors suspended beneath approximately nine miles of new bridge structure. This ITS system included communication and electrical infrastructure for six CCTVs and one DMS to be deployed along the proposed bridge structure.			



16. Staff Experience

Firm employed by: **HNTB**

Name	Ronald Hancock, PE	Years of relevant experience with this employer	3
Title	National Practice Consultant - Technical	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization	BS / 1991 / Civil Engineering		
Active registration number / state / expiration date	PE: #21659 / NC / 12-31-2024		
Year registered	1996	Discipline	Civil
Contract role(s) / brief description of responsibilities	Alternative Delivery Technical Services (DB)		
Ron is an infrastructure consultant focused on leveraging over 30 years in the transportation industry to support state departments of transportation. Prior to HNTB, Ron was deputy chief engineer at the NCDOT, where he led the delivery efforts for complex procurement and construction projects as well as efforts to maintain an 80,000-mile highway network. He also served as state construction engineer and various other leadership positions for NCDOT and managed contract administration efforts statewide providing constructability guidance and dispute resolution support on complex projects for over 21 years.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
09/21-Ongoing	NCDOT, US 421 Greensboro-Randolph Megasite CM/GC, Greensboro, North Carolina. Senior technical advisor for this fast-tracked CM/GC economic development project. The project consists of mass grading for site development and construction of two new interchanges and access roads to support the Toyota Battery Manufacturing facility. This \$600 million project is being delivered in two years utilizing CM/GC to allow early work packages to start while design is still underway.		
06/22-08/23	ARDOT, I-40/I-55/Highway 77 Interchange Improvements PDB, West Memphis, Arkansas. Advisor who is helping the team through the PDB process. The project involves developing solutions for a complex interchange because of substantial recurring delays during peak hours when traffic in all directions stops for trains at railroad crossings in the project area. This is ARDOT's first project using PDB delivery.		
09/19-09/21	NCDOT, Kingsboro Mega Site Development, Rock Mount-Edgecombe County, North Carolina. Deputy chief engineer for NCDOT, who led procurement and price negotiations for this first PDB project administered by NCDOT. The \$40 million project involved construction of an access road on new location and grading, drainage, and utility installation for site-ready building pad on 300-acre site, railroad spur line and paved parking for a global tire manufacturing plant.		
09/17-09/18	NCDOT, Development of CM/GC Process, Statewide, North Carolina. Deputy chief engineer who led efforts to gain enabling legislation to allow NCDOT to use CM/GC as a contract delivery method. Chaired a committee of NCDOT staff, Carolinas AGC and ACECNC to develop project selection and procurement guidelines for CM/GC. Selected the first highway-specific pilot project to replace five bridges on I-40 in Haywood County near the North Carolina/Tennessee border and secured the design firm for this project which is currently under contract for Phase 1 construction.		
09/14-09/15	NCDOT, I-85/I-485 Interchange, Mecklenburg and Cabarrus Counties, North Carolina. State construction engineer who led development of this first DB finance procurement for NCDOT and contract development terms regarding third party financing to allow the project to be awarded on an accelerated schedule. The \$100 million interchange was the last link to complete the 67-mile I-485 loop around Charlotte. Used the "Alternate Technical Concepts process", approved replacement of the preliminary four-stacked interchange design with a two-level turbine interchange. This innovative design saved over \$25 million.		



16. Staff Experience

Firm employed by: **HNTB**

Name	Karl Rohrer, DBIA	Years of relevant experience with this employer	5
Title	National Practice Consultant - Technical	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization	MUP / 1992 / Urban Planning MPIA / 1987 / Public and International Affairs BA / 1985 / History		
Active registration number / state / expiration date	DBIA: #D-2428/ N/A / N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Alternative Delivery Technical Services (DB)		
Karl has extensive experience developing and delivering transportation infrastructure projects for public and private owners using both traditional DB and P3 delivery models. His expertise in innovative and alternative project delivery methods focuses on the alignment of technical requirements, risk allocation and commercial frameworks. Karl's P3 transaction experience developing and negotiating concession agreements provides additional insights and perspective on how best to structure new projects or programs for maximum effectiveness. He has worked closely with designers, technical experts, contractors, and on behalf of public and private owners to manage over \$3 billion in complex DB and P3 procurements over the past decade. He has developed in-house capabilities and tools necessary to manage major DB procurements, including the development of work processes, solicitation materials and contract documents.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/25-Ongoing	NCDOT, P3 Program Support, Raleigh, North Carolina. P3 program support for the development and expansion of the I-77 Express Lanes in the Charlotte region. Review and refine technical requirements, update commercial provisions related to design and construction, prepare P3 procurement documents and evaluate developer project enhancement proposals.		
01/24-Ongoing	TDOT, Choice Lanes Program, Nashville, Tennessee. SME to optimize project design and operating configuration, prepare technical and commercial requirements for long-term P3 concession contracts and manage competitive P3 procurement process. As part of HNTB's PMC contract for alternative delivery, this program supports the development and delivery of new managed lanes projects across Tennessee. Karl engaged directly with TDOT senior staff and other advisors.		
03/21-08/24	GDOT, MMIP Strategic Program PMC, Atlanta, Georgia. Project development manager who led multi-disciplinary team of technical, financial and legal advisors developing the commercial framework, procurement process, technical requirements and implementation plan for over 200 lane-miles of new dynamically-priced express managed lanes using a revenue-risk concession. Primary interface with client project director and senior agency staff.		
11/14-02/21	Transurban, Project Delivery on Various Projects, McLean, Virginia. Project delivery lead for the North American arm of Australian toll road developer and operator. Oversaw development, procurement and delivery of \$2 billion in P3 managed lane projects. Worked with contractor and government executives to deliver projects and address design, construction and commercial issues. Expanded Transurban's capabilities in project development, procurement, DB contracting, and project management. Ensured timely completion of pre-construction services for new P3 projects and acquisitions, including planning and preliminary design, technical due diligence, commercial negotiation, agreements and DB contracts for new projects. Responsible for leading the operations and maintenance of 52-mile dynamically-tolled managed lane network. Drove continuous improvement in the areas of safety, road operations, road maintenance, pricing, and analytics.		

16. Staff Experience

Firm employed by: **HNTB**

Name	Steven Howe, PE	Years of relevant experience with this employer	23
Title	Senior Project Manager	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization	BS / 1989 / Civil Engineering		
Active registration number / state / expiration date	PE: #43173 / MN / 06-30-2028		
Year registered	2003	Discipline	Civil
Contract role(s) / brief description of responsibilities	Alternative Delivery Technical Services (DB; CMAR/PDB)		
Steven has experience in program management, contract oversight, design and construction. He has worked with agencies throughout the country on the evaluation, development and implementation of alternative contracting approaches to successfully deliver their most challenging projects. He is an expert in tailoring preliminary project development activities to focus on areas that reduce risk and avoid areas of less value, allowing agencies to spend less money on preliminary design and the DB project. Steven brings significant direct experience as a designer, owner's procurement representative and oversight engineer for design, construction and contract administration. His first-hand experience with challenges experienced on alternative delivery projects, such as managing the intersection between inspectors and the contractor and how to resolve them allows Steven to be ahead of the issues. He has assisted nine agencies with DB for the first time, and 24 different agencies in 16 states with procurement and contracting delivery mechanisms for their projects that include DB, CM/GC and P3.			
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).		
06/25-Ongoing	Oklahoma DOT, Roosevelt Bridge, Kingston, Oklahoma. Alternative delivery advisor working to develop and implement a hybridized approach that includes the best elements of PDB and traditional DB for this \$350 million crossing of Lake Texoma.		
01/22-06/25	Hood River White Salmon Bridge Authority, Alternative Delivery Advisor, Hood River, Oregon and White Salmon, Washington. Alternative delivery advisor working with the Bridge Authority to provide delivery selection, progressive DB process, procurement and contract documents for this \$520 million crossing of the Columbia River. HNTB is the owners representative providing all aspects of program delivery for the Bridge Authority.		
05/22-Ongoing	ODOT, Brent Spence Bridge Progressive DB Advisor, Ohio. Alternative delivery advisor working with ODOT and the Kentucky Transportation Cabinet (KYTC) to provide PDB procurement processes and contract documents for this \$3 billion Ohio River crossing. The project consists of significant reconstruction of adjacent interstate connections on both the Ohio and Kentucky sides of the Ohio River along with a new signature bridge across the river.		
09/19-05/22	PANYNJ, New York, New York. Procurement manager serving as the bridge between Port Authority procurement division and the \$15 billion JFK Redevelopment program. Managing DB, design-bid-build, P3, IDIQ and task order procurements and contracts. Contracts are being used for approximately \$2.7 billion in airside, landside and facilities improvements that includes a \$1B reconstruction of the roadway and utilities networks.		
01/20-01/22	CTA, RLE, Chicago, IL. Facilitated project delivery selection process and report preparation for this CTA light rail transit (LRT) project. The project is a planned RLE to south Chicago. Facilitated a three-step workshop to determine the preferred way to organize, procure and deliver multiple projects that make up the RLE program. Procurement manager for delivery of the program, managing the development of DB, DBB, task order, work order and professional services contract for delivery of this \$2 billion program.		





16. Staff Experience

Firm employed by: **HNTB**

Name	Andrew Doyle	Years of relevant experience with this employer	4
Title	National Practice Consultant - Technical	Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization	BS / 2008 / Industrial Engineering		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Alternative Delivery Technical Services (DB)		
Andrew brings almost 20 years of experience providing consulting services to public sector clients seeking to deliver major infrastructure programs. Andrew is a SME on asset management and brings years of experience in developing asset management programs for transportation infrastructure, including P3 projects, DB maintain projects and other performance-based maintenance projects. Proven success in managing the technical work stream during the development, procurement, and execution phases of major projects. Experience includes highways, toll roads, bridges, buildings, unique facilities/assets, and rail. In Andrew's current role with HNTB, he provides technical, strategic, and commercial guidance related to long-term operations, maintenance, and renewal work to clients delivering large and complex infrastructure programs.			
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).		
01/24-Ongoing	LADOTD, I-10 Calcasieu River Bridge (HBI) P3 OV, Lake Charles, Louisiana. P3 SME support for OV consultant services, including contract compliance, risk management, and O&M. HNTB is a major subconsultant providing OV consultant services to LADOTD for the \$2 billion replacement project under a P3 contract.		
10/24-Ongoing	TDOT, I-24 Southeast Choice Lanes, Nashville, Tennessee. P3 O&M and lifecycle advisor for the proposed project, which will construct new, optional Choice Lanes on I-24 between Nashville and Murfreesboro. Oversees the development of P3 contract documents and technical specifications related to the O&M, life cycle, and handback scope. Consults with members of TDOT staff with implementing strategic asset management initiatives at the organizational level, the tactical program level, as well as, at the field activity maintenance delivery level.		
08/24-Ongoing	American Roads, Detroit Windsor Tunnel (DWT) Lifecycle Cost Analysis (LCCA) and Report, Detroit, Michigan. Led the development of a comprehensive LCCA for the DWT, creating detailed 40-year cost models to support asset management and long-term financial planning. Conducted sensitivity analyses on revenue impacts due to the upcoming Gordie Howe International Bridge and optimized capital and maintenance expenditures. Provided recommendations on achieving Condition State 1 compliance, regulatory considerations, and operational efficiencies. Collaborated with DWT and Windsor-Detroit Border Link leadership, facilitated stakeholder discussions, and incorporated independent engineering reviews into refined cost scenarios. Developed an updated financial model for a 16-year period, focusing on Detroit-side assets, incorporating service life projections, and refining capital expenditure strategies.		
08/24-Ongoing	GDOT, SR 400 Express Lanes, Atlanta, Georgia. P3 O&M and lifecycle advisor who focuses on adding two, buffer-separated express lanes in each direction on 16 miles of the existing SR 400 corridor. GDOT started a new P3 private revenue procurement process in 2022. Oversees the development of P3 contract documents and technical specifications related to the O&M, life cycle, and handback scope of the project. Consults with members of GDOT staff with implementing strategic asset management initiatives at the organizational level, the tactical program level, as well as, and at the field activity maintenance delivery level.		





16. Staff Experience

Firm employed by: **HNTB**

Name	Kevin Phelps	Years of relevant experience with this employer	2
Title	National Practice Consultant - Technical	Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization	BS / 2007 / Architecture		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Alternative Delivery Technical Services (CMAR/PDB)		
Kevin is supporting the pursuit by advising on CMAR, CM/GC, and PDB delivery strategy, including project packaging, delivery method alignment, and procurement approach. He is responsible for shaping the commercial and contracting framework, preconstruction phase structure, pricing and GMP validation approach, and risk allocation consistent with collaborative delivery objectives. Kevin brings experience from large, complex capital programs and applies lessons learned from Amtrak and WMATA to support owner-focused governance, transparent open-book processes, and effective implementation of collaborative contracting models.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/24-Ongoing	Advisory Support, Nationwide, US. Provide strategic advisory services to public transportation and infrastructure clients across the US, with a focus on alternative delivery and collaborative contracting methods. Leads HNTB's Collaborative Contracting group, bringing together SMEs to advance firm-wide knowledge, develop best practices and support key pursuits. Advises clients such as Amtrak, CTDOT, ODOT and KYTC on commercial strategies, procurement approaches and contract development for complex infrastructure programs. Conducts delivery method assessments and supports drafting of procurement and contract documents tailored to agency-specific needs and project goals. Fosters cross-functional collaboration and engagement across technical and advisory teams, emphasizing practical implementation of collaborative delivery principles. Recognized internally as a trusted leader and SME in alternative delivery, including PDB, CM/GC and other integrated approaches.		
01/22-04/24	Amtrak Capital Program, Washington DC. Senior director who established a new department responsible for Amtrak's external partnerships and contract management teams and developed new processes and procedures in support of Amtrak's \$50 billion capital program. Oversaw team responsible for performing project packaging and delivery method analysis, and defining commercial contract strategy, construction work sequencing and implementation support throughout entire project life cycle. Led market/industry outreach efforts during pre-solicitation, conducted market analysis with a focus on industry capacity and alternative delivery opportunities and provided expertise on market data throughout solicitation process. Partnered with Amtrak's Law, Procurement and Project Delivery teams in the development of new alternative delivery contract and commercial boilerplate.		
01/14-02/16	Planning and Development Group, Reston, Virginia. Senior development representative responsible for development, research and analysis of various new global business opportunities, identifying and vetting qualified prospects and meeting with various potential global clients. Supervised the proposal functions within the department, developed proposals for preliminary engineering, feasibility studies, and FEED projects along with full EPC/PMC proposals. Collaborated across multiple global business units, global offices and functional teams to develop industrial infrastructure work for the infrastructure business unit. Negotiated contracts with clients and collaborate with legal teams to ensure proper risk management.		





Kevin Phelps

09/13/01/14	Civil Global Business Unit, London, United Kingdom. Infrastructure and aviation business line lead who assisted in the overall management of project operations globally. Facilitated aviation and infrastructure business development efforts, including analyzing data and participating in developing opportunities pipeline. Monitored the progress of infrastructure and aviation projects with respect to schedules, budgets and client satisfaction.
06/13-09/13	Civil Global Business Unit, London, United Kingdom. Business development representative who assisted in the development of new projects, sector strategies and tracked potential prospects with the civil infrastructure marketing and business development team. Managed infrastructure proposals from the kickoff through submission and award by working closely with functional teams and relevant stakeholders.
10/12-06/13	Civil Global Business Unit, London, United Kingdom. Proposal coordinator responsible for bridging the gap between the technical and creative production teams to assemble proposals and other marketing and business development materials. Implemented new and innovative ways of supporting civil marketing and business development teams in their pursuit for booking work. These included new work processes, bid trackers and various proposal development templates and forms.

16. Staff Experience

Firm employed by:



Name	Timothy Heilmeier, PE		Years of relevant experience with this employer	34
Title	Senior Project Director		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS / 1990 / Civil Engineering		
Active registration number / state / expiration date		PE: #22550 / GA / 12-31-2026		
Year registered	1996	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Alternative Delivery Technical Services (P3)		
Tim serves as a vice president, senior project manager, program director and senior advisor for innovative and mega transportation projects. He has advised clients regarding alternative project delivery and innovative transportation concepts throughout the nation. Tim has over 34 years of experience related to surface transportation and has spent the last 26 years working in the field of innovative project delivery, including both P3 and DB.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/25-Ongoing	TDOT, PMC, Statewide, Tennessee. PMC alternative delivery director who partners with the TDOT Alternative Delivery group to develop and implement alternative delivery projects across the state and the four TDOT regions. As of 2026, more than 25 projects are in some form of development or delivery utilizing DB, CM/GC and/or PDB. As the TDOT alternative delivery program is still fairly new, much focus has been placed on applying industry best practices and lessons learned and establishing state-of-the-practice programmatic policies, procedures and tools.			
01/03-Ongoing	GDOT, I-85 HOV, Gwinnett and Barrow Counties, Georgia. Project manager on this GDOT managed lane project along I-85 northwest of Atlanta. The project includes the addition of a single (each direction), managed lane along a combined 15 miles of I-85 and I-985. The project includes the reconstruction of the I-85/I-985 system-level interchange and will include managed lane system-to-system connections. Activities include management, concept development, preliminary plans, toll design, traffic and revenue forecasting, development of the toll concept of operations, NEPA, public outreach and DB procurement support.			





Section 17: Firm Experience

17. Firm Experience				
Firm name	HNTB		Past Performance Evaluation Discipline(s)	Bridge; Road; Geotech; Other (Project Management)
Project name	I-10 Calcasieu River Bridge Replacement Early Works Package		Firm responsibility (prime or sub?)	Prime
Project number	H.003931/H.012083	Owner's name	LaDOTD	
Project location	Westlake, Louisiana	Owner's Project Manager	Paul Vaught	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1816 / paul.vaughtiii@la.gov			
Services commenced by this firm (mm/yy)	02/22	Total consultant contract cost (\$1,000's)	\$2,528	
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$1,158	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
In December 2023, LADOTD initiated the replacement of the I-10 Calcasieu River Bridge between Lake Charles and Westlake through a P3 agreement with a private developer. To advance the project within the limits of the P3 procurement and environmental documents, LADOTD developed an early works package to address key constraints. The package includes repairs to extend the service life of the bridge, relocation of an existing railroad spur, modifications to the bridge to accommodate the new rail alignment, and reconfiguration of the Sampson Street on- and off-ramps to support relocation of a pipe rack crossing I-10. The design lowers the pipe racks below the existing ramp grade and reconstructs the roadway with a new bridge spanning the racks. To maintain traffic operations, including the westbound on-ramp, a temporary roadway was constructed beneath the existing I-10 bridge. HNTB supported LADOTD in developing this package, including: » Bridge Design Developed repair plans based on inspection findings to extend the structure's service life through the replacement schedule and minimize maintenance until retirement. » Railroad Engineering Developed a new preliminary alignment to accommodate the future bridge and currently coordinating advancement into final design with LADOTD and the railroads. » Bridge Engineering - Substructure Modifications Designed substructure modifications to support the new rail alignment, including temporary support systems and load transfer mechanisms. Performed complex finite element analysis to design straddles and jacking connections. » Bridge Engineering - Accelerated Construction of a Temporary Bridge Designed a temporary bridge along the Sampson Street on/off ramps to span a trench carrying relocated pipe racks. Applied ABC techniques to limit off-ramp closure to three months and reduce traffic impacts. » Roadway Engineering - Sampson Street Interchange Modified ramps and local roadway to maintain operations during construction, including a temporary on-ramp, intersection improvements, and signal updates. Coordinated closely with pipe rack owners to sequence construction. » Advanced NTP Delivered the package across five task orders, utilizing advanced NTP to accelerate schedule and initiate work during contracting.				
FIRM MEMBERS INVOLVED: Dusty Bastion, Josh Porter, Ben Goodner, Patrick Duffy, John Bernard, Marc Hoffman, Brad Holleman (F&T), Ross Wilson (F&T)			RELEVANCY: » Project Management and Support » Environmental and Permitting Services » Surveying Services » Geotechnical Engineering Services » Roadway/Hydraulic Engineering Services » Bridge Design Services » Plan Development Services » Project Time is Critical	



17. Firm Experience

Firm name	HNTB		Past Performance Evaluation Discipline(s)	CE&I/OV; Other (Project Management)	
Project name	I-10 Calcasieu River Bridge (HBI) P3 OV			Firm responsibility (prime or sub?)	Sub
Project number	4400027349/H.003931.6		Owner's name	LADOTD	
Project location	Lake Charles, Louisiana		Owner's Project Manager	Paul Vaught	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1816 / paul.vaughtIII@la.gov			
Services commenced by this firm (mm/yy)		01/24	Total consultant contract cost (\$1,000's)		\$ 60,805
Services completed by this firm (mm/yy)		Ongoing	Total consultant services provided by this firm (\$1,000's)		\$ 38,464

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

HNTB is overseeing this P3 project to replace and widen a 5-mile corridor from I-210 to Ryan Street to three lanes. The project includes replacing the Calcasieu River Bridge and reconfiguring the Sampson Street interchange from I-10 to Sulphur Avenue. HNTB has partnered with LADOTD for more than two decades to advance the project through NEPA and brings deep corridor knowledge from this work. We lead contract administration and design support, overseeing the developer team to ensure compliance. Our responsibilities include schedule monitoring, non-compliance tracking, mediation support, and oversight of delays and compensation events. We also coordinate with LADOTD staff, track design deviations, review waivers, support approvals, and provide construction support. HNTB is qualified to deliver these services on an expedited schedule and is leading the most critical tasks including:

- » **Utility Oversight and Coordination** | HNTB led utility relocation coordination, developed utility conflict matrices, and coordinated with fiber optics companies to identify new locations for their lines that to avoid conflicts with the project. HNTB worked with utility companies to relocate the utilities in an accelerated time frame to avoid delays. This included coordination with both UPRR and CPKC Railroad to receive permits and ensure all railroad requirements were met. HNTB worked with LADOTD district and headquarter personnel to get all permits and as-built documentation.
- » **Drafting Project Agreements** | HNTB leads coordination through weekly meetings with Phillips 66 and the other piperack owners. HNTB has played a key role in developing the utility relocations agreement, prior rights compensations, FHWA and railroad coordination, temporary and permanent access, design and construction coordination, and property acquisition.
- » **Drafting Railroad Agreements** | HNTB helps prepare white papers, exhibits for meetings and agreements with CPKC Railroad and UPRR. HNTB oversees coordination between the railroads and the developer, ensuring that LADOTD is not subject to any additional risks. HNTB assists in negotiation with the railroads by checking cost estimates, assessing impacts, and leading coordination for an expedited process.
- » **Services in Support of NEPA** | HNTB supports LADOTD by developing IMR, NEPA, TMP, and other documentation for FHWA approval. We review documents for contract compliance and coordinate with FHWA to enable concurrent reviews and reduce timelines. HNTB leads coordination meetings with LADOTD, the developer, and FHWA to resolve critical issues quickly.

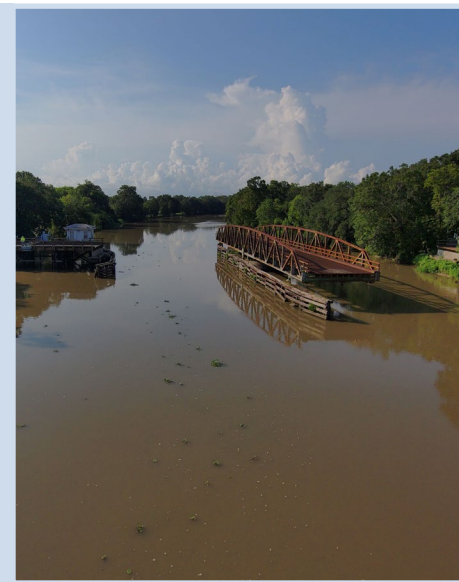

 FIRM MEMBERS INVOLVED:

Dusty Bastion, Jeff Burst, Gay Knipper, Denis Hoerner, David Boss, Grant McCurdy, Ben Goodner, Scott Cooper, Denise Hanby, Jared Sommers, Brad Wilder, Mira Para, Joseph Stilson, Andrew Doyle

 RELEVANCY:

- » Project Management and Support
- » Contract Administration
- » Environmental and Permitting Support
- » Peer Review
- » Utility Relocation Services
- » Stakeholder Coordination
- » Alternative Delivery Technical Services (P3)
- » Project Time is Critical

17. Firm Experience				
Firm name	HNTB		Past Performance Evaluation Discipline(s)	Bridge; Road; Other (Tolling and Grant Services)
Project name	LA 1 Phase 2		Firm responsibility (prime or sub?)	Prime
Project number	H.008145	Owner's name	LaDOTD	
Project location	Golden Meadow to Port Fourchon, Louisiana	Owner's Project Manager	Ryan Morvant	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1232 / ryan.morvant@la.gov			
Services commenced by this firm (mm/yy)	10/12	Total consultant contract cost (\$1,000's)	\$21,618	
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$14,573	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
The LA 1 Toll Bridge is an elevated roadway crossing the tidal marshes of the Mississippi River delta, replacing the previous low-elevation route and serving as the sole land access to Port Fourchon, which is one of the nation's leading oil and gas ports supporting nearly 20% of US energy infrastructure. It also provides access to Grand Isle, a major recreational destination. Phase 2 extends the bridge north from Leeville to Golden Meadow, connecting to LA 3235 within the coastal levee system. The project uses a top-down construction method with a gantry system, allowing construction from the completed structure and minimizing wetland impacts by avoiding ground access. HNTB provided the following services for the LA 1 project: » Tolling Program Support Providing tolling support since 2017, including systems engineering, annual trust indenture inspections, system repairs, and operational support. Currently overseeing statewide tolling activities, including LA 1 Phases 1 and 2, the Belle Chasse P3 bridge, and the Calcasieu P3 project. » Grant Services Secured a \$135 million INFRA grant in 2020, representing 30% of Phase 2 funding. Developed the benefit-cost analysis and supporting narrative to demonstrate project value and implementation, including coordinating letters of commitment from key funding partners. » Design Services Served as designer of record for 9 miles of elevated structure spanning canals, pipelines, wetlands, and a levee, including a 300-foot T-wall with associated Section 408 permit. Designed approach roadways, local tie-ins, signage, geotechnical, ITS, electrical, and tolling systems. Delivered a nearly 1,200-sheet plan set on an expedited schedule to meet INFRA funding deadlines through close coordination with LADOTD. » Innovative Techniques Eliminated transversely battered piles through advanced analysis to reduce cost and schedule, optimized span lengths for top-down construction, and developed multiple design alternatives to support competitive bidding. Maximized use of precast elements to accelerate construction and minimize cast-in-place work. » Construction Services Providing construction-phase support, including monitoring pile driving with PDA equipment to validate design assumptions and integrate field data.				
FIRM MEMBERS INVOLVED: Dusty Bastion, Josh Porter, Ben Goodner, Patrick Duffy, Chris Kopp, Lynn Maloney-Mujica, Brad Wilder, John Bernard, Marc Hoffmann, Joseph Stilson RELEVANCY: » Project Management and Support/Grant Application » Environmental and Permitting Services » Geotechnical Engineering Services » Roadway Design/Hydraulic Engineering Services » Bridge Design Services » Plan Development and Letting Support Services » Construction Support 				

17. Firm Experience				
Firm name	HNTB		Past Performance Evaluation Discipline(s)	Bridge; Road; CE&I/OV; Other (Project Management)
Project name	IDIQ Contract for Engineering and Technical Support Services for Critical Projects Statewide		Firm responsibility (prime or sub?)	Prime
Project number	4400029195	Owner's name	LADOTD	
Project location	Statewide, Louisiana	Owner's Project Manager	Paul Vaught	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1816 / paul.vaughtIII@la.gov			
Services commenced by this firm (mm/yy)	12/24	Total consultant contract cost (\$1,000's)	\$1,793	
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$1,601	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
Awarded in 2024, HNTB provides multidisciplinary services to LADOTD on critical projects as part of this IDIQ contract. Below are two task orders being delivered as part of this contract. » LA 324 Bridge Replacement over Bayou Teche This task order involves design of a new swing span bridge to replace the existing structure, which has been closed due to structural deficiencies. The project is being advanced on an expedited schedule to support the Chitimacha Tribe's application for construction grant funding. The tribe has already secured development funding, and final plans are required for the construction grant application and award. To meet this schedule, HNTB has assembled a nationwide team with specialized movable bridge expertise, led by project management in our Baton Rouge office with direct knowledge of LADOTD's processes, standards, and expectations. HNTB is performing bridge and approach roadway design, hydraulic analysis, and coordinating with the tribe. » OLHC Bridge Bundle OV In this task order, HNTB is providing OV services for LaDOTD for 21 of 62 bridge replacements under the \$100 million OLHC Bridge Bundle. This role helps maintain federal-aid eligibility in accordance with FHWA and LaDOTD standards while addressing serviceability and safety. For each deliverable, HNTB assigns discipline-specific reviewers across bridge, roadway, traffic, hydraulics, and geotechnical to complete reviews within the required seven-day period. LaDOTD task managers participate in each live review and may comment directly alongside HNTB's team. HNTB compiles and coordinates all comments, confirms consistency with prior project direction and program-wide objectives, and facilitates resolution with OLHC. When unique issues arise, HNTB identifies them with the LaDOTD task manager at the outset so the review proceeds in alignment with LaDOTD expectations. This approach allows HNTB to perform much of the review and coordination effort while reserving critical decisions to LaDOTD, supported by background information, alternatives analysis, and stakeholder coordination.				
		FIRM MEMBERS INVOLVED: Dusty Bastion, Josh Porter, Ben Goodner, Patrick Duffy, Mark Elkassouf, Manab Medhi, Mira Para, Jared Sommers, Ryan Felder, Nick Ferlito (Neel-Schaffer), Dishili Young (Neel-Schaffer), Nick Castille (Neel-Schaffer), Brad Holleman (F&T), Robert Jewell (Ardaman & Associates)		
		RELEVANCY: » Project Management and Support » Peer Reviews » Environmental and Permitting Services » Multi-Discipline Engineering Design Services » Survey » Stakeholder Coordination » Project Time is Critical		

17. Firm Experience			
Firm name	HNTB		Discipline(s) Other (Alternative Delivery)
Project name	IDIQ Contract for Innovative Procurement and Alternative Delivery Support Services Statewide		Firm responsibility (prime or sub?) Prime
Project number	4400017329	Owner's name	LaDOTD
Project location	Statewide, Louisiana	Owner's Project Manager	Peggy Jo Paine
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1065 / peggy.paine@la.gov		
Services commenced by this firm (mm/yy)	04/20	Total consultant contract cost (\$1,000's)	\$5,580
Services completed by this firm (mm/yy)	04/25	Total consultant services provided by this firm (\$1,000's)	\$3,772
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)			
As part of a five-year-long IDIQ retainer focused on alternative delivery and innovative procurement, HNTB completed 12 task orders. A selection of the task orders are provided below: » Task Order 1: I-12 Managed Lane Conversion Policy guidance development and recommendations as well as P3 procurement support for conversion of approximately 15 miles of inside shoulders along I-12 into what would eventually be a cash-managed lane. » Task Order 2: Advisory Support Analysis and support of LADOTD regarding federal policy, funding initiatives and financing opportunities; strategic support of executive LADOTD leadership; and strategic policy engagement. » Task Order 3: Jimmie Davis DB Procurement Scope included technical procurement support services to assist LADOTD in selecting a DB contractor to construct a new bridge and rehabilitate an existing structure crossing over the Red River in Bossier. » Task Order 5: Ruston Grant Application Development of an INFRA grant application to replace bridges and improve pedestrian access in Ruston. » Task Order 6: Baton Rouge to New Orleans Passenger Rail Study Updating an existing feasibility study including assessing existing infrastructure, determining capital and operating costs, estimating ridership and revenue, developing an implementation schedule, and assessing funding readiness. » Task Orders 7, 8, and 10: Baton Rouge to New Orleans Passenger Rail Grant Applications Development of four grant applications.			
		FIRM MEMBERS INVOLVED: Dusty Bastion, Josh Porter, Ben Goodner, Patrick Duffy, Edwin Crooks, Jim Ray, Bobby Lewis, Scott Cooper, Mark Hoffa, Lynn Maloney-Mujica, Brian Powell RELEVANCY: » Alternative Delivery Tech Services (DB, CMAR, and P3) » Financial Support Services (T&R) » Toll Support Services » Grant Application » Toll and Revenue and CBA	

17. Firm Experience			
Firm name			Discipline(s) Road; Planning; Traffic
Project name	IDIQ for Road Design Projects		Firm responsibility (prime or sub?) Prime
Project number	H.0144366, H.015226	Owner's name	LaDOTD
Project location	Various Parishes, Louisiana	Owner's Project Manager	Catherine Mastin
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804 / (225) 379-1652 / catherine.mastin@la.gov		
Services commenced by this firm (mm/yy)	03/23	Total consultant contract cost (\$1,000's)	\$5,000
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$2,100
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)			
Neel-Schaffer was selected for the IDIQ contract with LADOTD to conduct roadway design services. These services include roadway plan development and traffic engineering design services. Neel-Schaffer will provide all services required to complete the construction plan set. These services include traffic design, traffic control design, traffic signal analysis and design, hydraulic analysis and design, transportation management plans. In addition to plan development, cost estimates, special provisions write ups, quality plan reviews, and construction support are provided. Neel-Schaffer will assist in public and stakeholder meetings and provide documents needed for the environmental process. The task orders under this contract are as follows: » US 90 Roundabout at LA 101 (Calcasieu) This project includes the design for a roundabout with high-speed approaches. The design avoids impacts to a gas station and other development at the intersection. It includes minimum ROW and detention pond design. » LA 621 Realignment at LA 73 (Ascension) This project will widen LA 73 and realign LA 621 to near its existing intersection with LA 73 to relieve congestion and improve safety. This project includes the design of a multi-lane roundabout to provide connectivity for local roadways, traffic analysis, TMP, and 1 mile of mill and overlay for LA 621. » LA 16 North 2nd Street to LA 445 (Tangipahoa) Project includes the mill and overlay of LA 16 from N 2nd Street to east of Duncan Avenue, the in-place base rehabilitation and overlay of LA 16 from east of Duncan Avenue to LA 445. The scope of work will also include the hydraulic analysis and development of construction plans for the rehabilitation of the existing subsurface drainage system to improve drainage along LA 16 from US 51 to approximately 1,000 feet east of Duncan Avenue. » LA 182 US 90 Greenwood Road Overpass (St. Mary Parish) Pavement rehabilitation project along LA 182 from the Westbound Exit Ramp to the Greenwood St. Overpass, located in Morgan City. The scope of work includes pavement patching, 4-inch mill and overlay, roadway reinforcing mesh, curb ramps, and guard rail. » LA 150 and LA 88 Roundabout (Lincoln Parish) This project includes the design of a roundabout on very steep longitudinal grades.			
		 FIRM MEMBERS INVOLVED: Nick Ferlito, Ellen Howard, Jonathan Duhe, Dishili Young, Chance Shuckrow, Mai Nguyen  RELEVANCY: » Hydraulic analysis and design » Drainage structure development » Project design criteria development » Roadway design	 LA 621 Realignment at LA 73

17. Firm Experience

Firm name		Discipline(s)		Environmental
Project name	I-10 Calcasieu River Bridge		Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	Louisiana Bridge Builders	
Project location	Calcasieu Parish, Louisiana	Owner's Project Manager	Raquel Garcia	
Owner's address, phone, email		2829 4th Avenue, Suite 200, Lake Charles, LA 70601 / (337) 241-3854 / Raquel.garcia@lbbi10.com		
Services commenced by this firm (mm/yy)		04/25	Total consultant contract cost (\$1,000's)	Unknown
Services completed by this firm (mm/yy)		12/25	Total consultant services provided by this firm (\$1,000's)	\$353

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

This project is for the I-10 Calcasieu P3 project in Lake Charles. The project consisted of a 5.5-mile corridor from near Ryan Street in Lake Charles to the I-210 and I-10 interchange in Westlake. Improvements include the new bridge and approaches, interstate roadways and ramps, I-10 service roads, and interchanges at PPG Drive, Sampson Street, and North Lakeshore/Ryan Street that connect the interstate to state roads and local streets. Sampson Street will be elevated over the railroad tracks to eliminate blockages from trains. Neel-Schaffer provides environmental compliance management services to include:

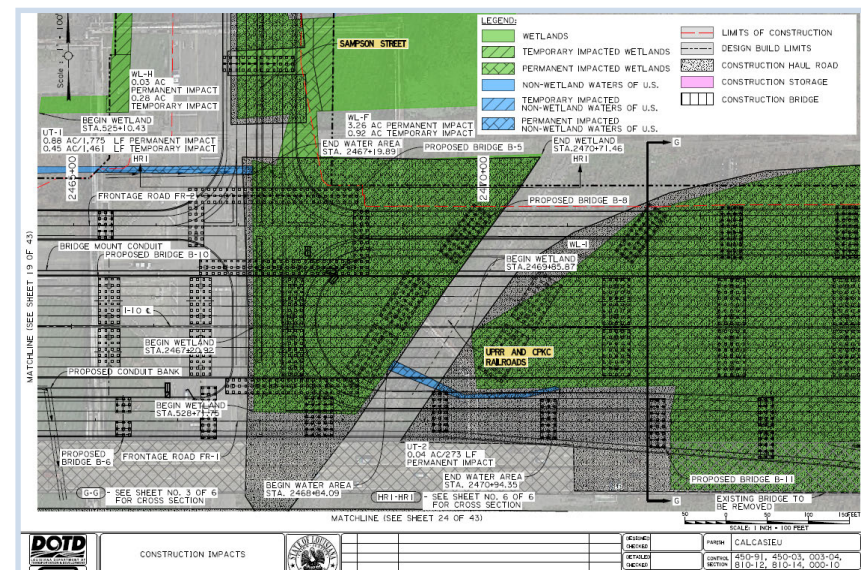
- » Provide personnel to manage and guide the environmental permitting and compliance commitments necessary to perform the project in accordance with NEPA standards.
- » Identifying all agreements and federal, state, and local permits that likely will be required.
- » Serve as liaison between the design team, environmental permitting team, and all permitting teams.
- » Provide direction, decision assistance, and review all permits required for the project.
- » Develop the project environmental compliance, mitigation plan, and comprehensive environmental protection program.
- » Assist in the coordination and successful delivery of federal, state and local permits ahead of schedule.

 FIRM MEMBERS INVOLVED:

Kara Moree, Maria Reid

 RELEVANCY:

- » Environmental Services
- » Stakeholder Outreach



17. Firm Experience

Firm name		Discipline(s)	Traffic
Project name	I-10 and I-12 College Flyover Ramp DB		Firm responsibility (prime or sub?) Sub
Project number	4400024927	Owner's name	LaDOTD
Project location	Baton Rouge, Louisiana	Owner's Project Manager	Catherine Mastin
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804 / (225) 379-1652 / catherine.mastin@la.gov		
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost (\$1,000's)	\$971
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$971

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

This project improves the safety and flow of traffic between the I-10 and I-12 split and College Drive by eliminating lane changes that must occur when I-10 westbound traffic exits at College Drive. The proposed project realigns the two existing I-12 westbound through lanes to more closely follow the I-12 eastbound existing alignment and replaces the I-10 westbound Overpass Bridge with a new structure. In addition, the project physically separates College Drive northbound from the free flow lane which connects the I-10 westbound exit ramp to Corporate Boulevard. Neel-Schaffer is tasked with performing the traffic engineering and modeling using VISSIM and Dynameq software, IMR, TMP, traffic signal design and is providing the independent technical review for roadway design and traffic control plans. Their tasks include:

- » Field Observations
- » VISSIM Modeling
- » Prepare the IMR
- » TMP including Mesoscopic Modeling using Dynameq
- » Independent Technical Review for the Roadway Design and Traffic Control Plans

 FIRM MEMBERS INVOLVED:

Nick Ferlito, Ellen Howard, Vijay Kunada, Jonathan Duhe, Dishili Young, Chance Shuckrow, Mai Nguyen

 RELEVANCY:

- » Traffic Engineering and Modeling (VISSIM, Dynameq, IMR, TMP)
- » Addressing FHWA 8 Policy Points
- » Independent Technical Review (Roadway Design and Traffic Control Plans)



17. Firm Experience

Firm name	FORTE & TABLADA	Past Performance Evaluation Discipline(s)	Survey
Project name	I-10/Loyola Interchange Improvements		Firm responsibility (prime or sub?) Sub
Project number	H.011670	Owner's name	LADOTD
Project location	Kenner, Louisiana	Owner's Project Manager	Tim Nickel
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1292 / timothy.nickel@la.gov		
Services commenced by this firm (mm/yy)	07/19	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$552

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

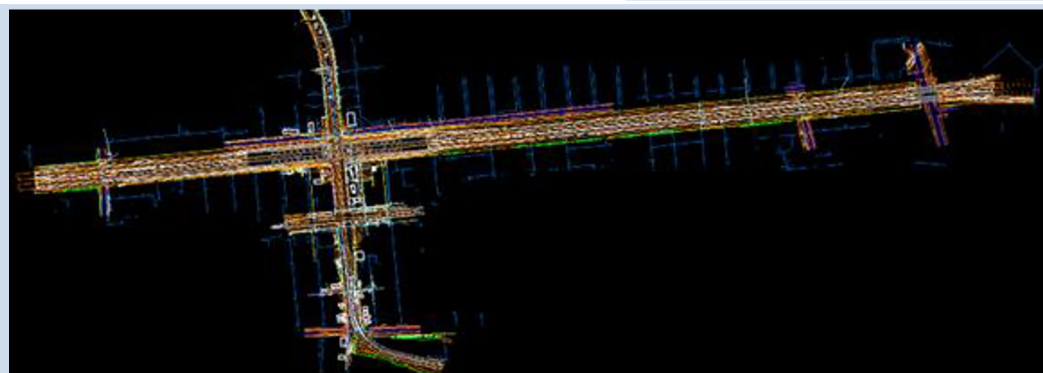
F&T performed services as prime surveyor, overseeing QA/QC processes across collaborating survey firms in a comprehensive project spanning from the Kenner levee to the Williams Boulevard off-ramp, inclusive of sections of Loyola Avenue and Veterans Boulevard. F&T's oversight encompassed topographic surveys, ROW mapping, property surveys, drainage surveys, ROW monument mapping, and rigorous QA/QC oversight for this DB initiative. During the collaborative effort, F&T's expertise ensured seamless coordination and adherence to quality standards, underscoring our role in maintaining project integrity and success despite challenges such as a compressed schedule and the rapid subsidence of LANOIA entryway, which was located in marshland terrain.

**FIRM MEMBERS INVOLVED:**

Brad Holleman, Ross Wilson

**RELEVANCY:**

- » Topographic surveys
- » ROW mapping
- » Property surveys
- » Drainage surveys
- » Rigorous QA/QC oversight

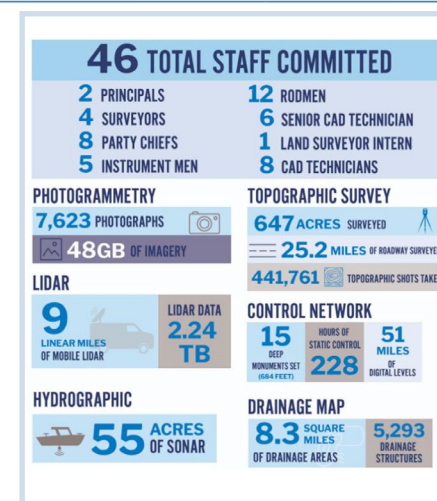


17. Firm Experience

Firm name	FORTE & TABLADA	Past Performance Evaluation Discipline(s)	Survey
Project name	Calcasieu River Bridge (HBI)	Firm responsibility (prime or sub?)	Prime
Project number	H.003931	Owner's name	LADOTD
Project location	Calcasieu, Louisiana	Owner's Project Manager	Barrett Smith
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1292 / barrett.smith@la.gov		
Services commenced by this firm (mm/yy)	07/23	Total consultant contract cost (\$1,000's)	\$4,282
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$4,282

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

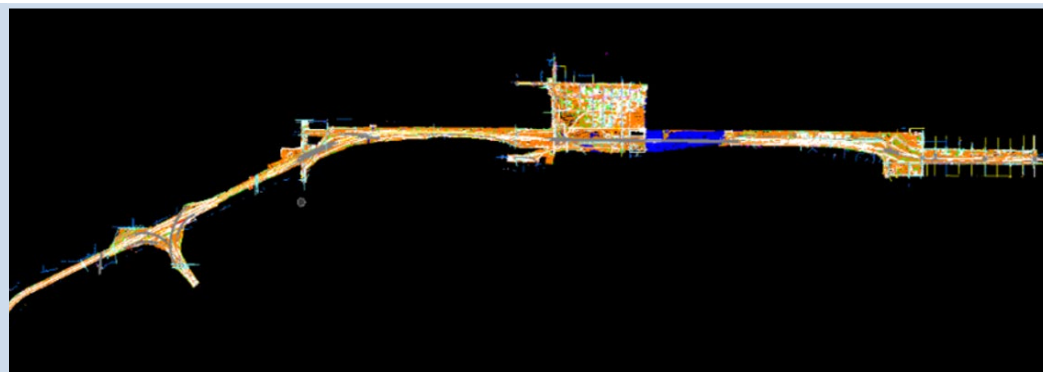
F&T completed this survey comprised of four task orders under the IDIQ Contract for Professional Surveying Services for LADOTD. Spanning approximately 7 miles, it involved a comprehensive topographic survey of I-10, the I-10 Bridge over the Calcasieu River, and the Calcasieu River Ship Channel, with much of the work conducted within a high-traffic industrial area. F&T established primary survey control, including deep rod monuments meeting National Geodetic Survey standards, to ensure accurate data collection. The team conducted a comprehensive topographic survey that met LADOTD on-system survey standards, utilizing conventional, terrestrial LiDAR, and Mobile LiDAR survey methods to minimize risks to field crews. Particularly, LiDAR survey methods enabled detailed capture of deck and substructure features of multiple bridges. F&T performed a multi-beam hydrographic survey of the channel, adjacent water bodies, and canals within the project limits, which included identifying existing bridge substructures, fender systems, and debris, complemented by a magnetometer survey. Services also encompassed producing an existing drainage map covering the survey area and a half-mile perimeter beyond, as well as utility surveys assisted by a SUE's utility locations. The project's magnitude necessitated the mobilization of up to six crews, demonstrating F&T's capability to efficiently execute large-scale topographic survey tasks within tight project timelines.

**FIRM MEMBERS INVOLVED:**

Brad Holleman, Ross Wilson,
Brent Campbell

**RELEVANCY:**

- » Comprehensive Topographic Survey



17. Firm Experience				
Firm name			Past Performance Evaluation Discipline(s)	Other (SUE)
Project name	IDIQ Contract for SUE Services		Firm responsibility (prime or sub?)	Prime
Project number	4400014661	Owner's name	LADOTD	
Project location	Statewide, Louisiana	Owner's Project Manager	Steve LeBlanc	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1956 / steve.leblanc2@la.gov			
Services commenced by this firm (mm/yy)	06/21	Total consultant contract cost (\$1,000's)	\$2,332	
Services completed by this firm (mm/yy)	10/23	Total consultant services provided by this firm (\$1,000's)	\$2,332	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
T. Baker Smith was awarded a statewide SUE retainer contract to provide services for LADOTD projects statewide. Multiple task orders for SUE work was issued and below is a partial list of task orders: » Calcasieu River Bridge T. Baker Smith provided Quality Level B and Quality Level A SUE services as well as utility coordination during design for this project along I-10 in Lake Charles. The purpose of the project is to replace the existing I-10 bridge crossing Lake Charles. This is one of the largest SUE projects in the history of LADOTD. There are numerous pipelines throughout the corridor due to the abundance of chemical plants in the area, so determining the location of these pipelines was crucial to the design of the project. The team had to coordinate continuously with the pipeline owners to perform test holes on these facilities which slowed down the production rate of the field staff. The City of Westlake utilities such as water, sewer, and gas proved to be difficult to locate and the records were outdated and unclear. A combination of designating, test holes, and ingenuity was used to map out these utilities. Utility coordination was used to inform the utility companies of the impact the project would have on their facilities. The difficult part of the process was the fact that there wasn't a finished design to determine conflicts. A new process and precedent was set to accomplish the goals posed by LADOTD. » LA 549 Overpass at I-20 Located in Ouachita Parish, Louisiana, near the intersection of I-20 and Texas Avenue (LA 549), T. Baker Smith provided Quality Level B services along a linear distance of approximately 4,055 feet. While most utilities proved locatable, the existing water lines were difficult to designate. T. Baker Smith used a combination of probing and records review to determine the location of the water mains within the project limits. » Southern University Ravine Protection Located in East Baton Rouge Parish, Louisiana, within the campus of Southern University, T. Baker Smith performed Quality Level B and C services throughout the survey limits for an emergency ravine protection project. University campuses are a notoriously difficult environment to locate underground utilities and Southern's campus proved this theory correct. There were no record drawings available of the Southern University private facilities which all of the utilities present belonged to the university. T. Baker Smith had to rely heavily on sweeps and diligently search for above ground features to connect to. Part of the scope was to provide Quality Level C services within certain limits. However, there were no records available, which limited the ability to provide Quality Level C services for certain areas.				

 **FIRM MEMBERS INVOLVED:**
TJ Stokes, Perry Smith

 **RELEVANCY:**

- » SUE
- » Utility Coordination



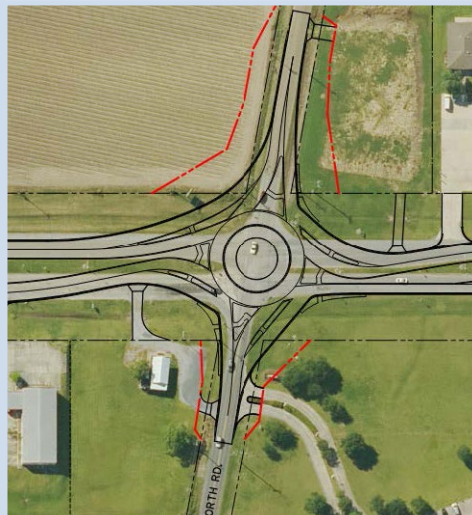
17. Firm Experience				
Firm name			Past Performance Evaluation Discipline(s)	Road; Survey
Project name	IDIQ Contract for Roadway Design Services		Firm responsibility (prime or sub?)	Prime
Project number	4400024928	Owner's name	LADOTD	
Project location	Statewide, Louisiana	Owner's Project Manager	Andrew Judice	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1738 / andrew.judice@la.gov			
Services commenced by this firm (mm/yy)	03/23	Total consultant contract cost (\$1,000's)	\$2,340	
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$2,340	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
T. Baker Smith currently holds LADOTD's IDIQ Contract for Roadway Design Services, providing roadway engineering, surveying, environmental, and traffic engineering services in accordance with LADOTD standards, procedures, and delivery requirements. Since contract execution, T. Baker Smith has been issued seven task orders across multiple districts, demonstrating our ability to begin quickly, coordinate effectively with LADOTD project managers, districts, and technical sections, and advance preliminary and final plans under varying roadway design constraints and schedules. Under this IDIQ, T. Baker Smith has been issued four LADOTD roundabout task orders. These include: » H.015576 LA 447 and LA 1025 Roundabout in Livingston Parish » H.015587 LA 3211 at Yokley Road Roundabout in St. Mary Parish » H.015721 LA 30 Roundabout at St. Elizabeth/S. Penn in Ascension Parish » H.010795 LA 42 Roundabout at Joe Sevario Road in Ascension Parish These projects involve coordination and design considerations related to approach geometry, traffic maintenance, drainage, utilities, construction sequencing, ROW limitations, hospital access, high-speed approaches, and adjacent residential, commercial, industrial, and agricultural traffic. T. Baker Smith has delivered pavement preservation and rehabilitation projects through this contract, including: » H.015308 I-49: I-10 - St. Landry Parish Line in Lafayette Parish T. Baker Smith completed this patch, mill, and overlay interstate project within an aggressive 45-day preliminary and final plans delivery window to meet funding requirements. » H.015485 LA 3187: LA 13 - LA 13 in Evangeline Parish This was a road transfer program pavement preservation project involving approximately 9 miles of rural two-lane highway, patching, mill and overlay, and drainage improvements at cross-drain locations. » H.016095 LA 70 Rehab: Marguerite Street to US 90 in St. Mary Parish T. Baker Smith provided roadway engineering services for full-depth pavement replacement and drainage replacement in a constrained urban corridor while avoiding conflicts with existing water, sewer, and fiberoptic utilities. The team submitted final plans ahead of LADOTD's established project delivery date. Through these task orders, the team has delivered roadway design involving aggressive schedules, MOT, utility coordination, drainage replacement, ROW constraints, and LADOTD task order delivery requirements.				

FIRM MEMBERS INVOLVED:

TJ Stokes, Kenny Belou, Jean Reulet

RELEVANCY:

- » LADOTD Retainer Contract
- » Roundabouts
- » Pavement Preservation
- » Hydraulic Analysis
- » Traffic Services



17. Firm Experience				
Firm name			Past Performance Evaluation Discipline(s)	Survey
Project name	IDIQ Contract for Professional Surveying Services		Firm responsibility (prime or sub?)	Prime
Project number	4400021973	Owner's name	LADOTD	
Project location	Statewide, Louisiana	Owner's Project Manager	Jonathan Herrod	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379.1105 / jonathan.herrod@la.gov			
Services commenced by this firm (mm/yy)	11/21	Total consultant contract cost (\$1,000's)	\$2,426	
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$2,426	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
T. Baker Smith was awarded a statewide surveying retainer contract in 2021. Under this \$5 million retainer contract, the team performs topographic surveying for LADOTD projects statewide. Multiple task orders for survey work were issued and T. Baker Smith completed all deliverables using MicroStation and Inroads as certified by CADconform. Below is a partial list of completed task orders: » H.009892 Louisiana and Delta Railroad (LDRR) (New Iberia) US 90 Frontage Road in Iberia Parish This project is located at the intersection of US 90 and LA 329, north of US 90, and along US 90 Frontage Road and LA 329. The project's objective was to connect the US 90 Frontage Road across LA 329 and the existing LDRR. A topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits and an existing drainage map of the project site. » H.014414 LA 22: Bedico Creek (Pine Creek Drive) in St. Tammany and Tangipahoa Parishes The main corridor for this project is roughly 4.5 miles along a highly trafficked roadway through a wooded corridor. The width of the survey and DTM was a total of 140 feet, extending 70 feet on each side of the project centerline. The project included the topographic survey for a potential roundabout at Trapagnier Road and an existing drainage map of the project site. Over the course of the year-long survey, T. Baker Smith encountered ongoing new utility installation and other construction throughout the site. A topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits. » H.015587 LA 3211 at Yokley Road Roundabout in St. Mary Parish The project objective was to construct a roundabout at the intersection. A topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits and an existing drainage map of the project site. » H.016326 LA 36 Drain Bridge in St. Tammany Parish The project objective was to replace an existing bridge structure over a drainage canal. The site extended for approximately 1,000 feet in length and 150 feet in width. A topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits.				

 **FIRM MEMBERS INVOLVED:**

Jean Reulet

 **RELEVANCY:**

- » LADOTD Retainer Contract
- » Surveying
- » Existing Drainage Map Development



17. Firm Experience

Firm name	 Ardaman & Associates, Inc.	Past Performance Evaluation Discipline(s)	Geotech
Project name	I-10 CMAR (LA 415 to Essen Lane on I-10 and I-12)		Firm responsibility (prime or sub?) Sub
Project number	H.004100.5	Owner's name	LADOTD
Project location	East Baton Rouge Parish, Louisiana	Owner's Project Manager	Nicholas Olivier
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1133 / nicholas.olivier@la.gov		
Services commenced by this firm (mm/yy)	07/21	Total consultant contract cost (\$1,000's)	\$20,800
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$692

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

The CMAR project scope consists of widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 mile. Ardaman is the geotechnical consultant on the CMAR team and is currently providing geotechnical support for Segment 1 which starts near the I-10 and I-110 split between Napoleon and St. Joseph Streets to Acadian Thruway entrance and exit ramps.

Ardaman previously completed 58 soil borings and associated laboratory testing based on LADOTD standards, and 11 ECPT in the preliminary portion of the widening project between Napoleon Street and Louise Street under our current retainer contract in support of the project. Ardaman performed geophysical surveys along the entire alignment, which allowed for survey of the subsurface conditions between the boring locations. Ardaman is currently performing 37 additional soil borings along the Segment 1 area to supplement existing data along the alignment.

Engineering services include supervision of the field program, development of the laboratory testing program, QC review, and development of an interactive geotechnical database to compile and analyze all the supplied soil boring data provide by LADOTD and the additional borings that are currently being performed. The engineering analyses consist of detailed selection of design reaches and design soil parameters, slope stability and settlement of earth retained structures, soil-structure interaction with existing structures, deep foundation design, and load testing recommendations. A preliminary geotechnical assessment report was prepared and a final geotechnical design report will be submitted.

 FIRM MEMBERS INVOLVED:

Robert Jewell, Megan Bourgeois, Ross McGillivray

**RELEVANCY:**

- » Geotechnical Laboratory Testing and Analysis
- » Geotechnical Interactive Database
- » Geotechnical Field Investigations



17. Firm Experience

Firm name	 Ardaman & Associates, Inc.	Past Performance Evaluation Discipline(s)	Geotech
Project name	I-20 Mississippi River Bridge Review		Firm responsibility (prime or sub?) Prime
Project number	H.004646 09-L1049, H.010603.6 13-3720, H.010612.6 20-3729	Owner's name	LADOTD
Project location	Madison Parish, Louisiana	Owner's Project Manager	Chris Nickel
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1100 / chris.nickel@la.gov		
Services commenced by this firm (mm/yy)	10/09	Total consultant contract cost (\$1,000's)	\$7,326
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$7,326

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

Ardaman conducted a geotechnical study to develop a list of technically feasible remedial alternatives to decrease the potential for ground movements to occur at the site of the I-20 Bridge. Movement of the east abutment of the bridge was first realized in 2001 during an inspection. Over the years, several consultants have studied the problem, but no viable solution was identified.

Ardaman conducted a comprehensive review of past slope stability evaluations and recommendations. This task was followed by developing a refined geotechnical site characterization plan for the bank/bluff area for further analyses. Drilling operations included obtaining extremely sensitive samples containing prehistoric shear planes from the river via barge and on land, all with extremely difficult access conditions. The drilling program also included installation of geotechnical instrumentation such as shape accelerator arrays, inclinometers, and vibrating wire piezometers. Engineering analyses performed included seepage and drawdown analyses and both equilibrium and finite element numerical modeling slope stability analyses.

As part of the project, Ardaman developed a full slope stabilization design and construction remediation strategy and a monitoring program for the bluff instability and ground movements affecting the existing I-20 Mississippi River Bridge.

Ardaman is currently managing a phase of the project which involves upgrading the entire instrumentation communication system. It also includes gathering and continuously monitoring various types of instrumentation data, inspects of the site and monitoring changes in topography by obtaining periodic survey data.

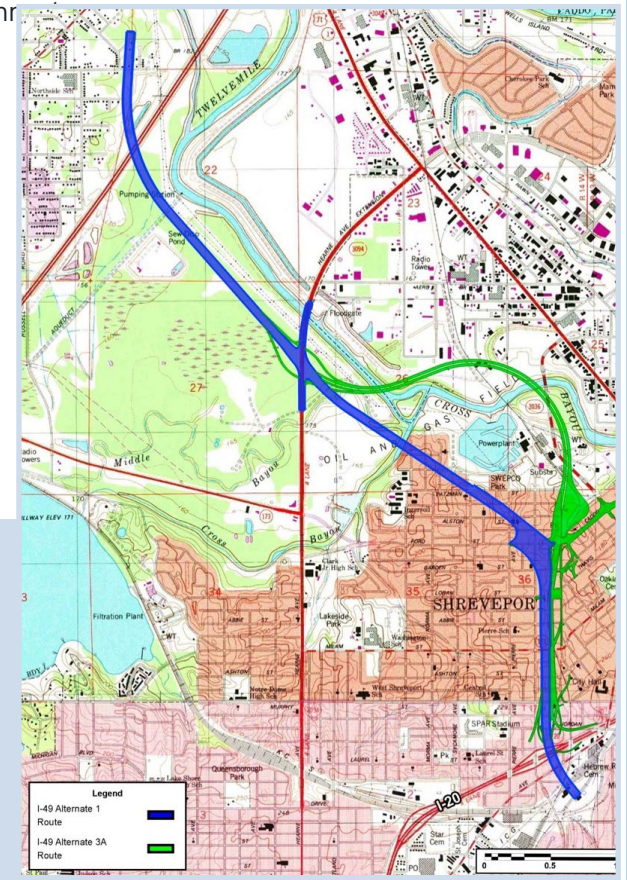
 FIRM MEMBERS INVOLVED:

Robert Jewell, Megan Bourgeois, Ross McGillivray

 RELEVANCY:

- » Geotechnical Laboratory Testing and Analysis
- » Geotechnical Field Investigations



17. Firm Experience			
Firm name		Past Performance Evaluation Discipline(s)	Environmental
Project name	I-49 Connector (Alternate 3A)		Firm responsibility (prime or sub?) Sub
Project number	H.003915	Owner's name	North Louisiana Council of Governments
Project location	Shreveport, Louisiana	Owner's Project Manager	Kent Rogers
Owner's address, phone, email	625 Texas Street, Shreveport, Louisiana 71101 / (318) 841-5950 / kent.rogers@nlcog.org		
Services commenced by this firm (mm/yy)	01/24	Total consultant contract cost (\$1,000's)	\$247
Services completed by this firm (mm/yy)	10/24	Total consultant services provided by this firm (\$1,000's)	\$247
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)			
Coastal Environments, Inc. conducted a Phase I terrestrial cultural resources survey of the proposed I-49 Connector Alternate 3A route between January 9 and February 27, 2024. This project area covered approximately 80 acres (32.37 ha). 13 new archaeological sites were recorded during this survey, and six previously recorded sites were revisited. Additionally, 588 standing structures were examined in the project area of potential effect (APE). All the newly recorded and revisited sites consisted of late 19th to early 20th century artifact scatters. Of the previously recorded sites, only the limits of the Texas and Pacific Railroad site (16CD396) were changed or affected by this survey. The limits of 16CD396 were significantly expanded within the limits of the current project area to include the additional extent of the former route of this railroad line. 73 contributing properties, including five individually eligible historic resources of the St. Paul's Bottoms National Register of Historic Places (NRHP) are located within the Alternative 3A APE. 189 contributing resources, including 17 individually eligible resources of the NRHP-eligible Allendale historic district were examined within the Alternative 3A APE. Two individually eligible resources, Abounding Faith Temple and Brocato Grocery, are located immediately adjacent to the direct APE and 19 contributing properties are located within the direct APE. The individually listed Shreveport Water Works Museum and the Oakland Cemetery retain their integrity. Three newly recorded resources were determined as individually eligible for listing in the NHRP: » First Jewish Cemetery Hebrew Rest I under Criterion A » Northside Elementary School under Criterion C » Shreveport Macaroni Manufacturing Company under Criterion A			
FIRM MEMBERS INVOLVED: David Kelley RELEVANCY: » Environmental Permitting			

17. Firm Experience			
Firm name		Past Performance Evaluation Discipline(s)	Environmental
Project name	IIJA Off-System Bridges District 62		Firm responsibility (prime or sub?) Sub
Project number	H.015429, H.015430, H.015431, H.015432, H.015433, H.015434	Owner's name	LADOTD
Project location	Tangipahoa Parish, Louisiana	Owner's Project Manager	Greg Sepeda
Owner's address, phone, email	10305 Airline Highway, Baton Rouge, Louisiana 70816 / (225) 810-3100 / gsepda@sigmacg.com		
Services commenced by this firm (mm/yy)	09/22	Total consultant contract cost (\$1,000's)	\$129
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$127
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)			
The off-system bridge program, established under the IIJA, is a key federal initiative designed to improve bridges not located on the federal-aid highway system. The program addresses the needs of local and rural bridges, which often fall outside the primary focus of traditional federal bridge programs. The program is managed at the state level and is funded with \$264 million specifically for the repair, replacement, or rehabilitation of bridges. The funds were based on priorities and the bridges' overall condition. ELOS holds a contract with LADOTD for the IIJA off-system bridge program. The program's objective is to replace as many structurally deficient, off-system bridges as possible by screening all eligible structures and creating a preliminary screening matrix/spreadsheet. ELOS conducted detailed technical and environmental studies and prepared the required environmental documentation for FHWA review, in accordance with NEPA, FHWA Technical Advisory 6640.8a, and relevant statutes and regulations. ELOS's services include environmental consulting on regulatory compliance, NEPA assessments to minimize environmental impacts, and coordination with federal, state, and local agencies. Additional services include preparing Section 106 tribal consultation packets to evaluate impacts on historical properties and ensure the project meets cultural resource preservation standards. ELOS completed background research, produced desktop reports, and supervised field crews. The team used topographical maps and aerial surveys to collect essential data. ELOS compiled and submitted tribal research packets and gathered CRM details necessary for CATEX evaluations. The team also worked with agencies, including the Louisiana Historic Resource Inventory (LHRI), LADOTD, and the State Historical Preservation Office (SHPO), to achieve regulatory compliance.			
 FIRM MEMBERS INVOLVED: Basile Dardar		 RELEVANCY: » Environmental Permitting	
			

17. Firm Experience			
Firm name		Past Performance Evaluation Discipline(s)	Environmental
Project name	LADOTD Rural Bridges (Phases 1 and 2)		Firm responsibility (prime or sub?) Sub
Project number	H.015407, H.015333, H.015404	Owner's name	LADOTD
Project location	Statewide, Louisiana (District 3, 5, 7, 8, 58, 61, 62)	Owner's Project Manager	Brian Allen
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1840 / brian.allen@la.gov		
Services commenced by this firm (mm/yy)	08/20	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$541
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)			
ELOS was contracted to deliver environmental consulting services for two phases of the LADOTD Rural Bridge Replacement Initiative. Phase 1 covered bridge replacements across 16 state project numbers and supplemental task orders, resulting in the successful replacement or improvement of 33 structures in Districts 03, 07, 61 and 62. Phase 2 is ongoing, encompassing bridge replacements under nine state project numbers and supplemental task orders, targeting upgrades to multiple structures in Districts 05, 08, and 58. Project outcomes include completing wetland delineations, approving permit applications, and successfully completing cultural resource and threatened and endangered species surveys. ELOS also contributed in the early planning stages by identifying and addressing potential adverse economic, social, or environmental effects or concerns. ELOS conducted all environmental services in compliance with FHWA standards, resulting in timely permit approvals and regulatory clearances for the project. Permitting was coordinated with federal and state agencies, including submitting joint permit applications (JPA) to the USACE and the LDCE Office of Coastal Management, obtaining Scenic Rivers permits through the USFWS, and completing cultural resource surveys with the SHPO, ensuring uninterrupted progress. ELOS analyzed data, authored a phase 1 report, and administered STP data, supporting project milestones. The team collaborated with agencies such as the SHPO, NRHP, and LaDOTD to finalize LHRI forms, manage the Survey123 platform, supervise field crews, and prepare and submit the final report, facilitating seamless project delivery. ELOS ensured all documentation and procedures were fully aligned with regulatory requirements for cultural resource evaluations, enabling successful project compliance and advancement.			
 FIRM MEMBERS INVOLVED: Basile Dardar		 RELEVANCY: » Environmental Permitting	
			

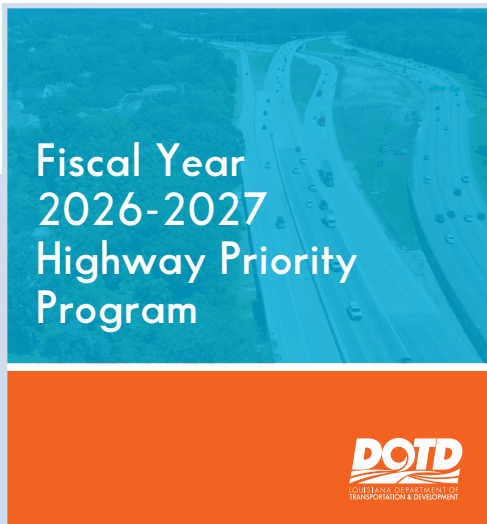
17. Firm Experience				
Firm name			Past Performance Evaluation Discipline(s)	Other (Graphic Design and Communications)
Project name	LADOTD Highway Priority Program		Firm responsibility (prime or sub?)	Prime
Project number	4400033750	Owner's name	LADOTD	
Project location	Baton Rouge, Louisiana	Owner's Project Manager	Peggy Jo Paine	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (225) 379-1200 / peggy.paine@la.gov			
Services commenced by this firm (mm/yy)	09/25	Total consultant contract cost (\$1,000's)	\$149	
Services completed by this firm (mm/yy)	Ongoing	Total consultant services provided by this firm (\$1,000's)	\$97	
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)				
Emergent Method provided comprehensive strategic communications, public outreach, graphic design, and program management support for LADOTD's Highway Priority Program. The project focused on translating complex infrastructure and funding data into highly accessible, professional resources to support legislative approval, public education, and stakeholder engagement. Provided below are details highlighting the project scope, firm roles, and team members involved. » Program Overview and Strategic Material Development Developed a comprehensive suite of public information and technical materials to clearly communicate the scope, funding, and scheduling of the state's Highway Priority Program projects. » Program Guide Creation and Design Managed the end-to-end copywriting, layout, and graphic design of the official Highway Priority Program Guide, turning dense regulatory and engineering data into a polished, user-friendly document. » Legislative Approval Support and Presentation Materials Created high-impact presentation materials and strategic messaging to support LADOTD leadership during the legislative approval process and associated committee hearings. » "Road Show" and Public Outreach Support Provided foundational logistics, coordination, and collateral support for the program's regional "road show," ensuring consistent messaging and effective public engagement across the state. » Targeted Collateral and One-Pagers Developed a series of concise, visually one-pagers and custom graphics to break down specific program components, allocations for quick stakeholder consumption. » Critical Project Resources and Innovation Designed specialized, creative custom project placemats and other collateral, to highlight and contextualize high-profile infrastructure projects within the program.				

 **FIRM MEMBERS INVOLVED:**

Keesler Morrison

 **RELEVANCY:**

- » Graphic Design
- » Graphic Materials
- » Public Relations
- » Communications



17. Firm Experience

Firm name		Past Performance Evaluation Discipline(s)	CE&I/OV
Project name	US 90 Atchafalaya River Bridge Rehabilitation		Firm responsibility (prime or sub?) Sub
Project number	H.011494	Owner's name	LADOTD
Project location	Morgan City, Louisiana	Owner's Project Manager	Nicholaus Ray
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana 70802 / (337) 278-5340 / nicholaus.ray@la.gov		
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	10/22	Total consultant services provided by this firm (\$1,000's)	\$1,230

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

The project consisted of the cleaning and painting of the US 90 Atchafalaya River Bridge main span. KGC Environmental Services' scope included:

- » **Air monitoring**
- » **Soil and water sampling**

 FIRM MEMBERS INVOLVED:

Kevin Guth

**RELEVANCY:**

- » Material Sampling and Testing



An aerial photograph of a large, multi-span bridge crossing a wide river. The bridge features several tall, rectangular concrete piers supporting a steel truss structure. In the background, an industrial area with various buildings and structures is visible under a clear sky. The image is overlaid with a blue gradient on the left and a yellow gradient on the right, separated by a diagonal line.

Section 18: Approach and Methodology

18. Approach and Methodology

INTRODUCTION AND PROJECT UNDERSTANDING

LADOTD's critical projects require teams that can mobilize quickly, scale across multiple active task orders, and deliver high-quality work on accelerated schedules. Built for this environment, HNTB combines LADOTD critical-project experience with the ability to execute concurrent task orders and provide in-house depth that expands capacity and reduces bottlenecks. Our team has supported the planning, procurement, verification, and delivery of Louisiana's most complex transportation projects. We intentionally structured this team to help LADOTD move urgent work forward quickly, pairing specialized teaming partners with HNTB's multidisciplinary capabilities to maintain momentum, ensure disciplined coordination, and deliver quality results.

Key Project	Relevance
I-10 Calcasieu River Bridge Replacement Early Works Package	Project time was critical and required integrated project management, stakeholder coordination, and multidisciplinary engineering design services.
I-10 Calcasieu River Bridge (HBI) P3 Owner's Verification (OV)	The critical project required urgent responsiveness and frequent coordination with LADOTD, along with project management, peer reviews, stakeholder coordination, and draft agreement development.
LA 1 Phase 2	The large-scale project was economically critical and required multidisciplinary engineering design services, grant applications, and tolling support.
IDIQ Contract for Engineering and Technical Support Services for Critical Projects	HNTB demonstrated experience delivering complex, multidisciplinary projects for LADOTD and managing multiple concurrent task orders in coordination with Forte and Tablada and Neel-Schaffer.
IDIQ Contract for Innovative Procurement and Alternate Delivery Support Services	The team provided alternative delivery technical services, grant applications, and management of concurrent task orders, while advising LADOTD on procurement for risk-prone and financially complex projects.

Table 1. HNTB's relevant experience.

HNTB recognizes that LADOTD's critical projects are not routine. We will support both traditional delivery and alternative approaches, including procurement development, technical provisions, owner verification, and implementation. HNTB will advance multiple task orders concurrently by deploying a team that responds quickly, scales resources as needed, and maintains momentum while enforcing disciplined coordination and quality.

We assembled this team to deliver successful designs, not just fast task orders. Critical projects demand sound judgment, practical solutions, and coordinated deliverables LADOTD can advance with confidence. HNTB brings proven LADOTD bridge design expertise, including 89 bridge-related task orders completed since 2011 through Bridge Preservation Services retainers. This experience gives our bridge team direct knowledge of LADOTD's contracting procedures, Bridge Design and Evaluation Manual (BDEM) requirements, review expectations, plan development process, construction support needs, and multidisciplinary coordination. We applied the same standard to our partners. Each brings demonstrated LADOTD experience through active IDIQ contracts, repeat task orders, or successful project delivery in their discipline.

TASK ORDER MANAGEMENT

HNTB understands the importance of assembling the right team for each task order issued under this IDIQ. We involve the appropriate specialists early to define scope accurately and efficiently. Project manager/PIC, **Dusty Bastion, PE**, will work with the LADOTD project manager at the start of each task order to identify the right task order manager. With 19 years of LADOTD experience, and project manager of HNTB's existing critical projects IDIQ, Dusty brings deep design, procurement, management, and advisory expertise and connects task needs with HNTB and subconsultant expertise.

HNTB expects most task orders under this IDIQ to fall within three categories: **Project/Program Management and Support Services**, **Pre-Construction and Construction Support Services**, and **Alternative Delivery Technical Services**. We have aligned our approach accordingly, with each category having a designated group director that is an expert in their field and familiar with the expectations of LADOTD. A manager will be assigned to each task order based on the experience required, task order complexity, and required delivery schedule. Dusty, and each group director, will work with the designated task order manager and LADOTD's project manager to develop scope, build the task order team, and deliver the work. Dusty will remain involved throughout the project to help ensure successful delivery and LADOTD satisfaction.

The Team and Ability to Deliver Multiple Task Orders

HNTB assembled this team with partners selected to support accelerated, coordinated delivery of multiple concurrent task orders. As assignments vary in scope, schedule, and complexity, we tailor each team to the required services, delivery pace, and technical demands, allowing LADOTD to advance work quickly.

We built intentional redundancy across subconsultants and HNTB's in-house disciplines, expanding capacity, increasing LADOTD's staffing flexibility, and reducing bottlenecks when multiple task orders are active at the same time.

For traditionally delivered task orders, HNTB will follow LADOTD's standard submittal process and project schedule. For critical or urgent assignments, we will work directly with LADOTD's project manager to compress or omit submittal stages and develop an expedited delivery schedule tailored to the project's needs. **Table 2** illustrate both approaches, followed by an example showing how HNTB can execute up to six active task orders concurrently under this contract. These schedules are built on HNTB's previous project history and represent true project lengths required to complete those projects.

HNTB's current LADOTD workload is an advantage, not a constraint. We are delivering in the expedited, multidisciplinary environment this IDIQ demands. On **LA 324 over Bayou Teche**, we assembled movable bridge, roadway, property survey, geotech testing, geotech design, hydraulic analysis, and plan development resources to meet an accelerated schedule. On **I-10 Calcasieu River Bridge P3 OV**, we manage multi-disciplinary reviews, coordinate technical comments, and engage specialized reviewers from a national bench to meet compressed timelines and ensure quality throughout. Under this IDIQ, LADOTD will receive the same resource model: local leadership, discipline leads familiar with standards, and a scalable national bench aligned to each assignment. The result is a nimble team that protects existing commitments, responds quickly to new task orders, and delivers the right expertise for every critical project.

Traditional Project Schedule

NTP	Preliminary Plans (7 months)					Final Plans (5 Months)					Pre-Bid Support	Project Letting
	30%	60%	95%	Plan-in-Hand Meeting	100%	60%	95%	Final Plans Meeting	98%	100%		

Critical/Urgent Project Schedule

NTP	Preliminary Plans (if required) (3 months)		Final Plans (3 Months)				Pre-Bid Support	Project Letting
	95%	Plan-in-Hand Meeting	95%	Final Plans Meeting	98%	100%		

Example Critical Projects Task Order

Task Order	Project Types	Months															Task Order Manager	Required services (firm executing work)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	Bridge Replacement 1																Mark Elkassouf	Survey (■), Geotechnical (■), Environmental (■ and ■), Road (■), Bridge (■)
2	Highway Widening																Dishilli Young	Survey (■), Environmental (■ and ■), Traffic (■), Road (■)
3	Alternative Delivery Procurement																Dusty Bastion	Alternative Delivery Services (■)
4	Multi-Discipline Bundled Projects																Patrick Duffy	Survey (■ and ■), Geotechnical (■), Environmental (■, ■, ■ and ■), Road (■, ■, ■), Bridge (■), Hydraulics (■ and ■)
5	Complex Multi-Discipline Project																Josh Porter	Survey (■), Geotechnical (■), Environmental (■), Road (■), Bridge (■)
6	Urgent Schedule Bridge Repair																Mark Elkassouf	Bridge (■), Traffic (■)
7	Bridge Replacement 2																Marc Hoffmann	Survey (■), Geotechnical (■), Environmental (■), Road (■), Bridge (■)
8	Mega-Project Management Support																Gay Knipper	Project Management, Advisory Services and Draft Agreements (■)

LEGEND

- HNTB Corporation
- Ardaman & Associates, Inc.
- Coastal Environments, Inc.
- Elos Environmental, LLC
- Emergent Method, LLC
- Forte and Tablada, Inc.
- KGC Environmental Services, Inc.
- Neel-Schaffer, Inc.
- T. Baker Smith, LLC
- Denotes month of at minimum six concurrent task orders

Table 2. HNTB's project schedule examples.

This team is positioned for immediate responsiveness and coordination. Nearly all firms are part of HNTB's current critical projects IDIQ team and already understand the contract structure, task-order workflow, and expectations for coordination and delivery. That familiarity reduces ramp-up time, supports faster team assembly, and allows HNTB to begin work quickly while maintaining consistency in communication, quality, and responsiveness. **Table 3** shows how HNTB and our teaming partners provide added depth across key service areas, so LADOTD has the flexibility to scale resources and keep work moving with multiple, active task orders. **With this structure, HNTB can scale staffing based on task-order scope, schedule, and complexity while maintaining continuity across disciplines and consistent responsiveness to LADOTD.**

Service Area	Primary Support	Added Depth/Redundancy
Project/Program Management and Support Services	HNTB	Emergent Method will bring graphics, materials, public relations, and communications services as needed.
Bridge Design Services	HNTB	HNTB will perform all bridge design work. Our nationwide bridge practice provides access to over 650 experts/designers when needed, giving LADOTD added depth and helping us deliver bridge assignments quickly.
Traffic Engineering, Roadway Design, and Hydraulics	Neel-Schaffer, Inc.	HNTB will provide additional depth for roadway and hydraulics services. T. Baker Smith, LLC will provide additional roadway design services.
Environmental and Permitting Services	HNTB; Neel-Schaffer, Inc.	Coastal Environments, Inc., ELOS Environmental, LLC, Neel-Schaffer, Inc., and KGC Environmental Services, Inc. will all support as needed.
Survey and Subsurface Utility Engineering (SUE)	Forte and Tablada, Inc.; T. Baker Smith, LLC	T. Baker Smith, LLC will provide depth for survey services. HNTB will provide utility coordination.
Geotechnical Engineering Services	Ardaman & Associates, Inc.	HNTB will provide additional geotechnical services.
Alternative Delivery Technical Services	HNTB	HNTB will lead alternative delivery services, bringing direct LADOTD experience in procurement, technical provisions, owner verification, and implementation support.

Table 3. The HNTB team's depth of resources relating to the RFQ service areas.

PROJECT/PROGRAM MANAGEMENT AND SUPPORT SERVICES

Group Director: Gay Knipper, PE

SCOPE ITEM
1

Project Management and Support

Kate Prejean, PE

HNTB will help LADOTD deliver critical projects faster and with greater control through hands-on project management, disciplined document and review management, and owner-side support that keeps decisions, deliverables, and coordination moving. Guided by the Louisiana Project Delivery Manual and our understanding of LADOTD's internal processes, **Kate Prejean, PE**, and the HNTB team will support scheduling, milestone management, meeting coordination, stakeholder coordination, document controls, and day-to-day administration. Our approach keeps urgent assignments organized and reduces administrative burden on LADOTD project managers.

Located roughly a mile from LADOTD headquarters, our team can provide in-person staff augmentation and project management support when workload increases or assignments require immediate attention. Dusty and our task leads will coordinate the team and stakeholder outreach. Our document controls staff will maintain files in a dedicated SharePoint site, keep schedules and trackers current, and organize key decisions, action items, deliverables, and supporting records in a consistent, searchable structure. This approach improves visibility, keeps information current, and helps LADOTD move work forward without losing time to administrative gaps or disconnected records. HNTB understands that only LADOTD can make key decisions and issue approvals and is prepared to educate and advise on discipline-specific considerations.

HNTB brings strong owner-side support capability through its OV experience on large, complex, schedule-sensitive assignments. On **I-10 Calcasieu River Bridge P3 OV**, HNTB is supporting LADOTD on the \$2.1 billion project to design and build improvements from the I-10/I-210 interchange, including interstate, ramp, service road, interchange, and major bridge improvements. This model is scalable, as shown by our **Bridge Bundle OV** task order, where we represent LADOTD in the replacement of 21 bridges under the \$100 million program managed by the Office of Louisiana Highway Construction (OLHC).

Project Management Plans (PMP) and Initial Financial Plans (IFP):

HNTB can support LADOTD with PMPs and IFPs, assessing project risks, and participating in value engineering (VE) activities on some of the most challenging assignments. Our team has led or participated in these activities

on **LA 1 Phase 2** and **I-10 Calcasieu River Bridge P3 OV**. As requested, we will develop PMPs and IFPs thoroughly and accurately as we understand they can be vital to securing federal funding. We will develop each PMP to identify personnel, stakeholders, schedule, required services, and the management approach for implementation. HNTB understands Federal Highway Administration (FHWA) PMP requirements and the approval process, as we have secured FHWA approval on prior projects. We will develop IFPs that outline key financial information, provide an estimate of total project cost, include a phasing plan for incremental funding and sources, and account for major cost escalation.

Project Agreements: HNTB has experience developing project agreements for LADOTD, including a Cooperative Endeavor Agreement between LADOTD and the Louisiana Department of Culture, Recreation and Tourism's Office of State Parks for the **Jimmie Davis Bridge Design-Build (DB)** project, and agreements with Phillips 66, CPKC Railroad, and UPRR for the **Calcasieu River Bridge P3 OV** project. Our approach emphasizes open communication with LADOTD and stakeholders to facilitate negotiations and develop agreements that reflect mutually accepted terms.

VE: For projects with anticipated construction costs over \$50 million, or as requested, HNTB will assemble a team of experts tailored to the project type to provide VE. We will identify effective solutions to reduce construction costs. For cost risk schedule assessments, we will assemble a team focused on schedule and cost risks to identify drivers of project cost and schedule contingency to recommend ways for schedule risk reduction and associated construction cost.

Grant Applications and Agreements: Funding is essential to advancing Louisiana's infrastructure, and federal grants are critical to many LADOTD priorities. By authoring and submitting the Infrastructure for Rebuilding America (INFRA) grant application, HNTB helped secure \$135 million in federal funding that made the **LA 1 Phase 2** project viable. Since 2020, HNTB has secured more than \$555 million in federal funding for infrastructure projects across the state.

Graphic Design, Professional Presentation Materials, and Communication Advisory Services: HNTB can also support LADOTD with graphic design, professional presentation material development, public relations support, and communication advisory services when assignments require clear public-facing or executive-level materials. Working with **Emergent Method**, we can develop project graphics, display boards, briefing materials, presentation decks, messaging support, and communication materials tailored to stakeholders, public meetings, executive briefings, or project coordination needs. These services allow LADOTD to pair technical delivery with clear, professional communication on high-profile and schedule-sensitive assignments.

SCOPE ITEM 2

Quality Control (QC) Reviews and Peer Reviews

Jeff Burst, PE

Peer reviews are typically performed on complex projects and provide another layer of support to protect the integrity of the project submittals and/or reports. Based on our experience outlined in the other design services, HNTB can perform independent peer reviews of designs and calculations and perform engineering reviews for plans and special provisions. **Jeff Burst, PE**, as quality manager, will source the proper review team with subject matter experts (SMEs) needed from their respective disciplines based on each specific project. All peer reviewers will be licensed professional engineers with substantial experience in the design of similar projects. In QC reviews, the design checker will verify the accuracy of the designer's calculations, pay items, quantities, special provisions including non-standard items, and cost estimate. The detail checker will ensure the drawings are in accordance with the design information and CAD standards. All dimensions and quantity calculations will be verified. See the HNTB QA/QC Plan in Section 21 for more details.

Following the same procedure we executed on the **I-10/Loyola Interchange**, peer review comments will be submitted to LADOTD and the design team for evaluation. Resolutions agreed upon by all parties including the designer, peer reviewer, and LADOTD will be incorporated in the final design. A Peer Review Resolution Agreement will be signed by the peer reviewer, the design team leader, and a LADOTD representative. A comment resolution form tracking all comments, the respective parties, and final actions, will also be submitted.

SCOPE ITEM 12

Other Services (Tolling Support Services)

Michael Scott Cooper, PE

Since 2014, HNTB has provided statewide tolling support services for LADOTD including tolling project management, toll system support services, toll facility inspections, P3 toll procurement support, toll corridor feasibility and toll implementation/installation. HNTB's active and past projects include **LA 1 Phase 1 Toll Facility; LA 1 Phase 2 Toll Design; Belle Chasse P3 Toll Implementation; I-12 Managed Lanes Toll Feasibility; and I-10 Calcasieu Toll Procurement Support**. Led by **Scott Cooper, PE**, the team stands ready to support LADOTD on any assignment requiring tolls. We hold relationships with the LADOTD's Tolling Section and act as extension of their staff on all active assignments. For **Belle Chasse** and **I-10 Calcasieu River Bridge P3** procurements, HNTB worked with LADOTD staff to develop the tolling technical provisions for both. HNTB currently supports LADOTD as the Belle Chasse P3 and new LA 1 Phase 1 toll facilities are designed, implemented, and tested. As

these systems go live, HNTB will support LADOTD to ensure they perform per their requirements. We have supported LADOTD in analyzing toll feasible corridors across the state including performing toll feasibility analysis including modeling, operations and maintenance (O&M) analysis, and toll and revenue analysis. HNTB has provided expertise and advisement on the **I-12 Managed Lanes** and the **I-10 Atchafalaya Basin Safety Camera** projects, where toll related technology is integrated to relieve congestion and increase safety.

SCOPE ITEM

12

Other Services (Advisory Services)

Edwin Crooks, PE

HNTB offers LADOTD better insight and understanding in how complex and constantly changing federal policy impacts LADOTD around funding and financing strategy. How a state agency interprets federal policy could impact financing programs used Transportation Infrastructure Finance and Innovation Act (TIFIA) versus private activity bonds or how projects are structured to maximize utilization of funding. **Edwin Crooks, PE**, along with the HNTB advisory services group, can support LADOTD executive leadership in further understanding federal policies, provide guidance on leveraging available funding streams, and provide accurate advice on any federal policies changes.

PRE-CONSTRUCTION AND CONSTRUCTION SUPPORT SERVICES

Group Director: Josh Porter, PE

SCOPE ITEM

3

Environmental and Permitting Services

Lynn Maloney-Mujica, AICP

Lynn Maloney-Mujica, AICP will lead HNTB's environmental and permitting services, supported by a team with direct LADOTD experience. **Neel-Schaffer, Inc.** adds important environmental depth. Their environmental professionals, including Kara Moree and Maria Reid, bring experience in NEPA compliance, environmental documentation, permitting, wetland delineations, regulatory coordination, and environmental compliance. The team will provide services in support of National Environmental Policy Act (NEPA), related laws and regulations in accordance with Title 23 Chapter 1, 40 CFR 1500-1508, the current LADOTD Stage 1 Manual of Standard Practice, applicable environmental policies, and traffic noise requirements as needed. We will prepare permit applications and supporting documentation for items such as Louisiana Coastal Use Permits; Section 404 impacts to wetlands and other waters; Section

10 obstructions to navigation; Section 9 bridge permits; and Section 408 modifications to federal projects, as applicable. We will support mitigation compliance by tracking environmental commitments established during Stage 1 and carry those commitments through design, construction, and operation so permit conditions and environmental commitments remain documented and implementable.

Community outreach and coordination can be performed alongside LADOTD and interested stakeholders to support project administration, satisfy environmental process requirements, and address issues that could affect project delivery. When sampling and testing are required, our team can perform services such as air monitoring, groundwater testing, soil testing, and bridge coatings testing. If specialized testing outside the team's capabilities is needed, we can supplement the team or procure the service as a direct expense.

SCOPE ITEM

4

Traffic Engineering and Design Services

Nick Joseph Ferlito, PE, PTOE

Nick Ferlito, PE, PTOE will perform traffic data collection and traffic engineering studies in accordance with the LADOTD Traffic Engineering Manual, FHWA Traffic Monitoring Guide, Highway Capacity Manual (HCM), and Manual on Uniform Traffic Control Devices (MUTCD). We will use analysis tools appropriate to each task order to develop traffic models, evaluate alternatives, and support decisions. For corridor and system analysis, this may include TranPLAN, TransCAD, CORSIM, or VISSIM. For intersection-level evaluation, highway capacity software (HCS), Synchro, and Sidra may be used as needed. Reports will be prepared in accordance with LADOTD's Traffic Engineering Process and Report (TEPR) expectations and formatted to LADOTD standards.

Traffic management plans (TMP) will be developed in accordance with applicable LADOTD guidance for temporary traffic control and work zone management. We will coordinate with LADOTD to collect traffic volume and safety data needed for the study, perform safety and alternate route analyses, and, when historic data is unavailable, follow the Traffic Study Scope of Services posted by LADOTD. We will also follow LADOTD's Traffic Engineering Study Process to document assumptions, alternatives, and the recommended detour route, and coordinate temporary traffic control (TTC) details and work zone impact management with the roadway and bridge design teams. When required, access justification reports (AJR), interchange justification reports (IJR), and interchange modification reports (IMR) will be developed using the methodology needed to support LADOTD and FHWA review and approval.

SCOPE ITEM

5

Surveying Services

Bradley Scott Holleman, PE, PLS

Brad Holleman, PE, PLS will lead surveying services to support project design and right-of-way (ROW) acquisition, including boundary, topographic, and bathymetric surveying, along with drainage mapping and other survey control needed for design development. Deliverables will be submitted in OpenRoads format. For ROW mapping, we understand that the property survey is the first phase of the ROW map. If a Title Research Report is not available at survey start, we will begin with a Title Takeoff and compile it into the Property Survey Phase deliverable. Once the professional land surveyor establishes the existing ROW and property lines, the Property Survey Plat will be drafted in accordance with the procedures, style, and quality assurance/quality control (QA/QC) checklist in LADOTD's Addendum A to the Location and Survey Manual. We understand that commencement of the base ROW map is tied to completion of the 60% preliminary construction set. We will prepare the 60% base ROW map in accordance with Addendum A, participate in the Joint Plan Review meeting, and develop a final check print set after comments on the 60% base map and updates to the construction set are received. The final parcel input will then be created.

SCOPE ITEM

6

SUE and Utility Relocation

TJ Beau Stokes, PE

For SUE assignments, **TJ Stokes, PE** will lead the review of available field information, coordinate with the SUE support team, place a Louisiana One Call ticket, identify utility owners, and request record drawings and as-builts. That information supports ASCE 38 Quality Level D and C development and overall QA/QC. We use standard geophysical methods for Quality Level B and coordinate vacuum excavation locations and priorities with the LADOTD task manager for Quality Level A.

We will process SUE and survey data in MicroStation and InRoads using LADOTD CAD standards, with QA/QC completed before advancing final DGN files through CADconform. Once preliminary design and utility locations are established, we will coordinate with LADOTD and utility owners to identify conflicts, develop matrices and plans, and evaluate relocation alternatives, responsibilities, and costs. Our team will coordinate with LADOTD and affected stakeholders, assist with plan development and relocation agreements, monitor relocations during implementation, prepare as-built documentation, and participate in plan-in-hand and construction meetings as needed.

SCOPE ITEM

7

Geotechnical Engineering Services

Brian Alan Powell, PE

Brian Powell, PE will provide the geotechnical services needed for investigations, analysis, and design. Field investigations, including deep and shallow borings and cone penetration tests (CPT), will be performed in accordance with applicable American Society for Testing and Materials (ASTM) standards, LADOTD geotechnical guidance, the AASHTO Load and Resistance Factor Design (LRFD) Bridge Design Specifications, and FHWA geotechnical guidance for the assignment. Following field investigations, HNTB will complete laboratory testing and engineering evaluation in accordance with ASTM standards, as well as project-specific LADOTD and FHWA requirements so all recommendations are consistent with structure and foundation type.

Geotechnical analyses will be completed using the tools appropriate to the assignment, such as GeoStudio, APILE, SHAFT, LPILE, or Settle3, in accordance with LRFD bridge design requirements and applicable FHWA geotechnical engineering guidance. Construction-related services such as field monitoring, interpretation of SU conditions, and geotechnical input will be provided in coordination with our construction support team if required.

SCOPE ITEM

8

Roadway Design and Hydraulic Engineering Services

Dishili Young Curry, PE

While topographic survey is being completed, **Dishili Curry, PE**, will review available existing data such as as-built plans, studies, prior design plans, shop drawings, structure maintenance records, geometry, traffic data, and utility information so design can transition efficiently into the preliminary phase. Roadway engineering design will be completed in accordance with the LADOTD Road Design Manual, applicable engineering document management systems (EDSM), the AASHTO Policy on Geometric Design of Highways and Streets, and applicable roadside design guidance. Plans will be developed in accordance with LADOTD CAD standards and cost estimates will use LADOTD standard bid items and bid history tools, adjusted for project location and magnitude.

Unless the task order requires a compressed path, preliminary plans will be advanced through 30%, 60%, 95% and 100% submittals, with a plan-in-hand meeting typically occurring at 95% preliminary. Once the environmental decision is received and notice to proceed (NTP) with final plans is issued, final plans will advance through 60%, 95%, 98%, and 100% submittals. For critical projects, we will work with LADOTD to compress this sequence when urgency and available information supports it. For projects requiring hydraulic analysis,

we will develop a HEC-RAS model of the crossing to evaluate existing and proposed conditions to support selection of the structure type, size, and location. The hydraulic analysis will be submitted to LADOTD along with a final Hydraulic Analysis Report. Hydraulic design will be performed in accordance with the LADOTD Hydraulics Manual, BDEM, and program-specific hydraulic guidance when applicable. Design criteria will be developed for each site and maintained throughout the project as the design advances. Those criteria will be structured in accordance with Appendix A (Design Criteria Checklist) of the LADOTD BDEM and updated as needed for LADOTD review and approval.

SCOPE ITEM

9

Bridge Design Services

Josh Porter, PE

HNTB will lead bridge design services with the same LADOTD bridge expertise that has supported the Department's Bridge Preservation Services retainer contracts since 2011. Through those contracts, HNTB has successfully undertaken 89 bridge-related task orders, giving our team direct knowledge of LADOTD's contracting procedures, BDEM requirements, review expectations, plan development process, and construction support needs. Our bridge experience covers the full range of assignments LADOTD may issue under this IDIQ, from feasibility studies and preliminary plans to emergency projects requiring accelerated final plan development.

For projects requiring evaluation of existing structures for future capacity demands, **Josh Porter, PE**, and the HNTB team will use Chapter 6 of the Louisiana BDEM as a guide to collect and evaluate existing information, perform in-depth field inspection, and complete load rating analyses to assess the structure's condition, serviceability, and future use. The result will be a bridge evaluation report with clear findings and recommendations for repair, rehabilitation, or replacement, as appropriate.

For new bridges, the HNTB team will perform structural design in accordance with the current AASHTO LRFD Bridge Design Specifications, LADOTD BDEM, and applicable Bridge Design Technical Memoranda. As-designed, as-built, and condition bridge ratings will be completed using AASHTOWare Bridge Rating for superstructures and the appropriate analytical tools for substructure ratings based on structure type and rating needs. We will use Appendix K (Consultant Submittal Checklist) to organize bridge plan development and submittals. Unless the task order requires a different path, 60%, 90%, and 100% preliminary plans will be submitted to LADOTD, followed by 60%, 95%, and 100% final plans.

As critical projects often have compressed schedules, our team will work with LADOTD to tailor the bridge deliverable sequence to the project's urgency, level of development, and decision needs. Based on our experience with LADOTD critical projects, we understand when an abbreviated review path is feasible and when additional interim submittals are needed to keep risk controlled.

SCOPE ITEM
10**Plan Development and Letting Support Services**

Josh Porter, PE

Plan development and letting support will be conducted by the project-specific team assembled for each design and plan production task order. Managed by **Josh Porter, PE**, our team will carry the design history needed to develop plans in accordance with the LADOTD Road Design Manual, BDEM, and LADOTD software and electronic deliverable standards. During plan development, Josh and the project team will be available to schedule, conduct, and participate in review meetings. Plan-in-hand meetings typically occur after 95% preliminary plans are submitted. Joint plan review meetings typically occur after the base ROW map submittal, and final plan review meetings typically occur between the 95% and 98% final plan and cost estimate submittals.

The HNTB team is familiar with the LADOTD bid process and can respond to bidder inquiries and update contract documents as needed through letting. As IDIQ task orders vary in scope and schedule, we offer the breadth to execute multiple assignments concurrently with a strategically assembled team that can address urgent schedules, accelerated bridge construction (ABC) techniques when appropriate, and full-service lifecycle support from scoping through construction.

Upon notification of a task order, we will quickly schedule a scoping meeting with LADOTD to confirm the generalized scope, urgency, and delivery path. Based on our familiarity with LADOTD processes, we understand that some critical assignments can move on an abbreviated review path. We will only recommend that approach when the project information and risk profile support it. When a project benefits from accelerated construction, we can incorporate strategies such as ABC concepts and staging approaches to shorten construction duration and reduce prolonged traffic impacts.

SCOPE ITEM
11**Construction Support**

David Branch, PE

David Branch, PE and the HNTB team will provide the construction-related engineering services needed during project implementation. Construction drawing reviews and responses to requests for information (RFI) will be performed in accordance with the BDEM, Road Design Manual, and Louisiana Standard Specifications for Roads and Bridges. Review of VE proposals and contract-related changes will be conducted in accordance with the LADOTD Design Build Manual, FHWA requirements, and current LADOTD value engineering policy. For alternative delivery projects, when non-conformance reports (NCR) are issued by LADOTD or its OV representative, we will identify the affected disciplines, evaluate conformance to the contract documents and applicable standards, and provide recommended corrective actions. If resolution of an NCR requires contract revisions, we will identify the affected sections and propose edits to realign the contract with the agreed resolution.

SCOPE ITEM
12**Other Services**

(ITS Design and Support Services) Rakesh Sharma, PE, PTOE, PMP, CVP
(Roadway Lighting Design) Paul Hunter, PE

The HNTB team can provide ITS design and support services on either a task order or programmatic basis to improve system operations and support Louisiana's emergency evacuation and incident management needs.

Members of our team have recently delivered ITS and roadway lighting design services on multiple projects, including **LA 1 Phase 2**, which included CCTV cameras, DMS signs, and highway lighting systems. For ITS assignments, we will begin with a Systems Engineering Analysis Report and work with LADOTD, FHWA, and other stakeholders through comment resolution before advancing into preliminary and final ITS design and plan development coordinated with bridge, geotechnical, electrical, and other affected disciplines. For roadway or aesthetic lighting systems, we will begin with a photometrics report to establish preliminary lighting layouts. After acceptance of photometrics, plan development and electrical design will proceed in accordance with the current Highway Lighting Systems Guide, associated LADOTD lighting guidance, applicable NEMA standards, and the AASHTO Roadway Lighting Design Guide.

ALTERNATIVE DELIVERY TECHNICAL SERVICES

Group Director: Dusty Bastion, PE

SCOPE ITEM
12**ALTERNATIVE DELIVERY TECHNICAL SERVICES**

David Boss, PE, DBIA

When key infrastructure projects must be delivered on an accelerated schedule, alternative delivery can provide LADOTD with options beyond conventional design-bid-build (DBB). With experience in DB, progressive design-build (PDB), construction manager at risk (CMAR), and P3, HNTB has supported LADOTD for more than a decade on projects with unique schedule, contracting, financing, and risk-allocation needs. One key distinction among alternative delivery methods is the timing of contractor involvement. Based on project factors such as funding, schedule, and level of project development, **David Boss, PE, DBIA** will help LADOTD identify the delivery method best suited to the assignment. To support that decision, we can apply a project screening tool tailored to LADOTD priorities and project characteristics.

HNTB has provided pre-procurement, procurement, and advisory support to LADOTD through development of project notices of intent, RFQs, and RFPs, including preparation of performance specifications for DB procurements and technical provisions for P3 procurements. During procurement, we can support development of project descriptions, maps, proposer organization and key staff requirements, draft RFP language, discipline-specific technical requirements, responses to proposer questions, confidential one-on-one meetings, and scoring criteria that balance technical quality and project cost. **HNTB projects with alternative delivery technical services for LADOTD include:**

- » Jimmie Davis Bridge | DB
- » I-10/Loyola Interchange | DB
- » I-10/I-12 College Drive Flyover | DB
- » I-10 Calcasieu River Bridge | P3
- » I-12 HOV Lanes | P3
- » Belle Chasse Bridge and Tunnel | P3

As group director of the alternative delivery technical services team, Dusty brings experience serving as a lead advisor on multiple alternative delivery projects with LADOTD. Upon initial engagement, HNTB will bring LADOTD, local staff, and national alternative delivery specialists together to confirm project goals and procurement needs. Once the delivery method is selected, we can support NOI development and publication, RFQ and draft RFP preparation, evaluation support for shortlisted teams, preparation and refinement of performance specifications or technical provisions, comment resolution with LADOTD SMEs, support during proposer communications, and technical support through selection and procurement closeout.



Section 19: Workload

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
HNTB Corporation + *Note. The individuals shown in the organization chart were selected based on relevant expertise and availability to support LaDOTD's Critical Projects Division under this contract. The individuals shown on the organization chart that are also working on the Calcasieu River Bridge P3 OV project will be utilized in an advisory role. Each of their positions is supported by redundant staff with similar experience to ensure workload management.	Bridge	44-24189/H.010319.5	Task Order 1 - I-110 North St Plank Road	\$533,854
		44-24189/H.12899.6	Task Order 2- I-20 Rehab CRES	\$61,619
		44-24189/H.012622.5	Task Order 5 - I-12: Hog Branch Bridge Replacement	\$2,098
		44-24189/H.002337.5	Task Order 6 - Bayou Fountain	\$1,409
		44-24189/H.015935.6	Task Order 7 - Bayou Bienvenue CRES	\$26,104
		44-24189/H.014059.5	Task Order 8 - US 80 Bridges over Minden	\$214,804
		44-24189/H.015911	Task Order 9 - Grover Jones Rd over Williams Creek	\$125,770
		44-24189/H.016276	Task Order 10 - Sidney Leblanc Rd over Coulee	\$131,710
		44-24189/H.015004.5	Task Order 11 - EB Ramp OV LA 3152 NB Repair	\$9,102
		44-24189/H.012083.6	Task Order 13 - Calcasieu Bridge Repairs CRES	\$130,626
		44-24189/H.016475.5	Task Order 14 - US 90: GNO No. 2 Bridge Repair	\$160,711
		44-24189/H.016481.5	Task Order 15 - LA 124: Larto Lake Bridge and Grade Raising	\$101,240
		44-24189/H.016417.5	Task Order 16 - I-12: Median Barrier Retrofit	\$149,037
		44-24189/H.014591.5	Task Order 17 - I-12 US 61 Bridges Girder Repairs	\$197,518
		44-25029	IIJA Off-System Bridge Program	\$14,368
		44-23512/H.009730.5	Task Order 3 - BIM Updates and Load Rating	\$135,287
		44-23512/H.009730.5	Task Order 9 - GNO No. 2, I-10 Calcasieu Inspection	\$44,893
		44-4900/H.008145.6	LA 1 Phase 2	\$137,427
		44-21594/H.009859.5	2020 Complex Bridge Rating Services	\$33,619
		44-21594/H.009859.5	On-System Bridges Rating and Evaluation	\$8,592
		44-28432/H.015569.5	LA 44 I-10 Roundabout	\$13,645
		44-29683/H.009730.5	Task Order 1 - Audubon, GNO1, GNO2, Vicksburg inspection	\$1,908,815
		44-29195/H.016246.5	LA 324 Over Bayou Teche	\$287,288
	CE&I/OV	44-29195/H.016494.6	Bridge Bundle OV	\$732,624
		44-27349/H.003931.6	Calcasieu River Bridge OV	\$28,548,996
	Environmental	44-26365/H.015223	BR to NO Passenger Rail Corridor Environmental Study	\$182,450
	Geotech	44-4900/H.008145.6	LA 1 Phase 2	\$4,048,999

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
HNTB Corporation (continued)	ITS	44-25921/H.015938.1	TSMO Strategic Plan	\$23,310
	CE&I/OV	44-23074/H.010960	LA 30 Roundabout at Tanger Mall	\$12,744
	Planning	44-21094	Statewide Long Range Transportation Plan	\$468,443
		44-21094	I-12 Corridor Masterplan	\$1,025,465
	Road	44-24189/H.010319.5	Task Order 1 - I-110 North St Plank Road	\$568,846
		44-24189/H.015935.6	Task Order 7 - Bayou Bienvenue CRES	\$4,606
		44-24189/H.014059.5	Task Order 8 - US 80 Bridges over Minden	\$71,601
		44-24189/H.015911	Task Order 9 - Grover Jones Road over Williams Creek	\$83,168
		44-24189/H.016276	Task Order 10 - Sidney Leblanc Road over Coulee	\$69,870
		44-24189/H.016481.5	Task Order 15 - LA 124: Larto Lake Bridge and Grade Raising	\$151,860
		44-24189/H.016417.5	Task Order 16 - I-12: Median Barrier Retrofit	\$74,519
		44-25029	IIJA Off-System Bridge Program	\$57,473
		44-4900/H.008145.6	LA 1 Phase 2	\$55,140
		44-28432/H.015569.5	LA 44 I-10 Roundabout	\$77,327
		44-29195/H.016246.6	LA324 Over Bayou Teche	\$92,516
	Other (Hydraulics)	44-24189/H.010319.5	Task Order 1 - I-110 North St Plank Road	\$354,294
		44-24189/H.010251.1	Task Order 3 - Chippewa Phase 2	\$55,363
		44-29195/H.016246.5	LA 324 Over Bayou Teche	\$107,124
	Other (Railroad)	44-27876/H.15223.1	Intercity Rail Program	\$3,984,180
		44-27876/H.15223.1	SA1 - CID Step 1	\$127,020
	Other (Tolling)	44-23640/H.015135.6	Task Order 3 - LA 1 Facility Implementation	\$29,296
		44-23640/H.015135.6	Task Order 6 - Toll Services	\$1,825,199
		44-23640/H.015135.6	Task Order 11 - LA 1 Phase 2 Negotiations	\$399,212
	Other (Weigh Stations)	44-23812/H.015377.1	Task Order 2 - Master Plan Development for the Weigh Station Assessment, Rehabilitation, and Plan Development Statewide	\$907,180
		44-23812/H.015377.1	Task Order 3 - Pilot Program for LADOTD BWIM System	\$97,724
		44-23812/H.015377.1	Task Order 4 - Weigh Station Master Plan Phase 1 Implementation Needs	\$876,625

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
Ardaman & Associates, Inc.	Geotech	44-4128/H.004273	I-49 Connector, Lafayette	\$740,206
		44-18899/H.004791	LA 23 (Belle Chasse Bridge and Tunnel (HBI))	\$45,666
		44-19013/H.004100.5 and .6	I-10 CMAR (LA 415 to Essen Lane on I-10 and I-12)	\$925,025
		H.004435	I-12 to Bush Construction Phase	\$39,040
		44-8671/H.009266	I-10 Widening (LA 73 to LA 30)	\$46,811
		44-17438/H.013284	MRB GBR LA 1 to LA 30 Connector	\$3,979
		44-6189/H.004647.6	I-20 Mississippi River Bridge at Vicksburg	\$1,270,473
		44-25025/H.015452, H.015453, H.015456, H.015458	IIJA	\$19,887
		44-21519/H.012030.5	KCS RR Overpasses US 371	\$39,877
		44-21887/H.012542, H.012453, H.012047	Replacement of 15 Bridges	\$240,616
		44-6189/H.016313.5, H.016314.5	Culvert Replacements	\$3,371
		H.015430	IIJA	\$3,192
		H.001798	LA 531 (Bridges near Dubberly)	\$12,533
		H.016094	US 371 (Brushy Creek Bridge)	\$36,357
		H.016204	Benton Sidewalks and Railroad Crossing	\$8,550
Coastal Environments, Inc.	CE&I/OV	4400032049/H.003931.6	Phase III Data Recovery -16CU128, Calcasieu Bridge	\$1,197,486
		4400029196/H.016421.2	I-20 Interchange at Rough Edge Road	\$135,285
Elos Environmental, LLC	Environmental	44-0019337/H.014245	LA 119 Bayou Pierre and Creek Bridges	\$15
		44-0019337/H.014247	LA 399 Creeks, Little 6 Mile Creek, Flat Branch	\$26
		44-0019337/H.014248	LA 124 Creeks, Broke Leg Bayou, Boggy Bayou	\$123
		44-0019337/H.014248.5	LA 124 On site Detours - Supplemental Task Order	\$238
		44-0027734/H.014362	Lake Road in St. Tammany Parish	\$22,433
		44-0025041/H.015430	IIJA Off-System Bridges District 62 (Hood Road - Middle Colyell Creek)	\$53
		44-0025041/H.015431	IIJA Off-System Bridges District 62 (Sawmill Road - Unnamed Creek)	\$17

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
Elos Environmental, LLC <i>(continued)</i>	Environmental	44-0021326/H010074.1	LADOTD Stage 0 IDIQ-LA 3089 Serve Rd/LA 70 Up	\$2,760
		44-00024189/H.015911	Grover Jones over Williams Creek	\$196
		44-00024189/H.016276.5	Sidney Lablanc Road over Coulee	\$452
		44-00024189/H.014059	US 80 (Bridges near Minden)	\$2,764
		44-00031920/H.008069.5	Peters Road Bridge and Extension	\$4,115
		44-0025041/H.015432	M. Williams over Spring Creek	\$25
		44-0025041/H.015433	George Jenkins Road Over Berry's Creek	\$154
Emergent Method, LLC	Planning	4400027092	CURRENT Authority Support	N/A
	Other (Outreach)	4400033750	Highway Priority Program Outreach and Engagement	\$53,000
Forte and Tablada, Inc.	Survey	4400021594/H.011965.6	Task Order 2 - IWGO Bridge Rehabilitation (Drone Flyover)	\$47,688
	Bridge	4400021594/H.009859.5	Task Order 6 - Load Rate Selected Statewide Bridges	\$868,594
		4400021594/H.009730.5	Task Order 8 - In-Depth Bridge Inspections	\$110,464
		4400021594/H.015546.6	Task Order 9 - Caplis Sligo Road Over Red Chute Bayou	\$5,244
		4400021594/H.009859.5	Task Order 10 - Statewide Bridge Rating	\$862,237
		4400023921/H.015519.6	Task Order 5 - Smith Road over Red Chute Bayou	\$9,024
		4400024589/H.014990.5	OSBR S. Tiger Bend Rd and East Achord Road Bridges	\$41,837
		4400013387/H.013137.5	OSBR Ouachita	\$23,249
		4400019864/H.014318.5	OSBR Gurney Road Bridges	\$4,708
		4400025037/H.014994.5	OSBR Bonne Idee Rd over Bonne Bayou	\$3,487
		4400024586/H.014981.5	OSBR Hosston River Road	\$5,689
	Road	4400024641/H.005734.5	LA 447 Corridor	\$300,449
	CE&I/OV	4400023837/H.013714.6	Valhi Blvd Shared-Use Path (Houma)	\$65,411

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
Forte and Tablada, Inc. (continued)	Survey	4400021532/H.010116.5	LA 1088 (Soult and Trinity Roundabouts)	\$22,187
		4400021532/H.012059.5	LA 19 (Bridges near Zachary)	\$19,490
		4400021532/H.013195.5	LA 98 Curve Realignment	\$6,464
		4400021532/H.005734.5	LA 447 Corridor Study	\$109,275
		4400021532/H.012563.5	LA 73 (Bayou Manchac Bridge (HBI))	\$461
		4400027919/H.015587.5	LA 3211 (Yokley Road Roundabout)	\$7,031
		4400021532/H.004100.5	I-10 (LA 415 to Essen Lane on I-10 and I-12)	\$102,019
		4400031906/H.004791.6	LA 23 (Belle Chasse Bridge and Tunnel (HBI))	\$174,018
		4400030630/H.015724.5	Kings Highway (Healthcare and Dev Corridor)	\$42,039
		4400025029/H.015341	D61 (EBR) IIJA Off-System Bridge	\$53,978
		4400025029/H.015341	D61 (EBR) IIJA Off-System Bridge - SA 3	\$9,113
		H.004100	I-10 Capital Corridor	\$4,240
		4400004128/H.004273.5	I-49 Connector Additional ROW	\$6,692
		4400031228/H.015469.5	Shreveport Pavement Program	\$44,235
KGC Environmental Services, Inc.	CE&I/OV	44000027614/H.009461	LA 182: Berwick Bay Bridge Rehab (HBI) Route	\$350,000
Neel-Schaffer, Inc.	Planning	SPN 736-99-1548	Travel Demand Model Support Services Statewide	\$43,393
	Traffic	4400010428 S.A. 6/H.004774.5; H.007300	Kansas Lane: Garrett Road Connector and I-20 Improvements	\$74,490
	Planning	4400015733/H.972374.1	LPA Documented Planning Process Statewide	\$17,644
	Road	4400017293/H.010616	I-20 LA 544 Overpass Replacement	\$20,000
	ITS	440005459/H.004780.5	Kansas Lane Connector, S.A. #6	\$552
	Traffic	4400017438/H.013284	MRB South GBR: LA 1 to LA 30 Connector, Ascension, EBR, Iberville and WBR	\$31,097
	Traffic	4400018271/H.014746.1	LA 383 Corridor Study	N/A
	Traffic	4400018271/H.014746.5, SA #2	LA 383 Corridor Study	N/A

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
Neel-Schaffer, Inc. (continued)	Planning	4400018271/H.014746.1	LA 383 Corridor Study	\$80,319
	Planning	4400021094	Update Statewide Transportation Plan and TDM	\$93,625
	Traffic	4400026458/H.014710.5	Cedar Street Extension to LA 22 and Roundabout	\$23,473
	Road	4400024927/H.015226.5, S.A. #1	US 90 Roundabout at LA 101, S.A. #1	\$118,524
	Traffic	4400025299/H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	N/A
	Traffic	4400025299/H.015645.5	LA 47 Hayne Boulevard Safety Improvements	\$36,318
	Traffic	4400025299/H.016168.1	Baton Rouge Northern Bypass Expressway	\$181,690
	Road	4400024927/H.014366.5	LA 621 Realignment at LA 73 (on hold and should not count as backlog)	\$324,142
	Traffic	4400024927/H.014366.5	LA 621 Realignment at LA 73 (on hold and should not count as backlog)	\$66,649
	Traffic	4400023689/H.013622.5	LRSP Ardenwood Drive Road Diet	N/A
	Planning	4400023689/H.013622.5	LRSP Ardenwood Drive Road Diet	\$1,696
	Road	4400023689/H.013622.5	LRSP Ardenwood Drive Road Diet (awaiting NTP for design and should not count as backlog)	N/A
	Road	4400024927/H.009425.5	LA 16 N 2nd Street to East of Duncan Avenue (on hold and should not count as backlog)	\$136,011
	Traffic	4400025299/H.015986.5	I-49 at LA 3233 (Harry Gilbeau Road) Traffic Study	\$25,942
	Traffic	4400023689/H.015574.5	LCG FYA Signal Improvements Phase 2	\$194,500
	Road	4400031591/H.015574.5	LCG FYA Signal Improvements Phase 2	\$240,503
	Other (Program Management)	4400027987/H.015373.1	LRSP and SRTTP Program Management	\$426,530
	Road	4400024927/H.016158.5	LA 182 Greenwood Street Overpass (on hold and should not count as backlog)	\$10,190
	Traffic	4400028585/H.014516.5	Mills Avenue and Rees Street Intersection Improvements	\$63,482
	Traffic	4400023689/H.015227. S.A. #1	US 61 at Victoria Drive Pedestrian Crossing, SA #1	\$3,064
	ITS	4400029436/H.011504.6	Alexandria Phase 2 Technical Support	\$19,348
	ITS	4400029436/H.016447.1	DMS Decom and Updates SEA	\$1,718
	ITS	4400029436/H.015136.1	Monroe ITS Architecture	\$46,292

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
Neel-Schaffer, Inc. (continued)	ITS	4400029436/H.013711.1	Northshore Phase 3 ITS Deployment	\$108,116
	ITS	4400029436/H.006474.5	Shreveport Immediate ITS Phase 2B	\$280,959
	ITS	4400029436/H.016447.5	Statewide DMS Decommission and Upgrades	\$40,986
	CE&I/OV	4400029441/H.011446.6	Mound Rest Area Renovations	\$43,662
	Other (Electrical)	4400029441/H.015218.5	Grand Prairie Safety Rest Area Lighting	\$5,842
	Other (Electrical)	4400029441/T.O. #3	Butte LaRose Rest Area Lighting	\$2,839
	Traffic	4400025299/H.014305.1	US 61 Cardinal Drive to Bert Street	\$128,776
	Traffic	4400025299/H.016437.5	US 190 Wooddale to Livingston P/L	\$86,744
	Road	4400024927/H.015640.5	LA 150 and LA 818 Roundabout	\$370,449
	Traffic	4400025299/TO #7	District 05 Study Reviews	\$300,000
	Traffic	4400032380/H.016019.5	Downing Pines at Mane Street Roundabout	\$131,646
	Hydraulics	4400032380/H.016019.5	Downing Pines at Mane Street Roundabout	\$23,072
T. Baker Smith, LLC	Bridge	4400025027/Multiple S.P. No's	IIJA Off-System Bridge Program	\$24,679
	CE&I/OV	4400025760/H.011137	I-12 LA 1077 to LA 21 (CE&I)	\$427,546
		4400031038/H.015308	I-49 I-10 - St. Landry P/L	\$197,203
	Environmental	4400019336/Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$13,804
		4400025027/Multiple S.P. No's	IIJA Off-System Bridge Program	\$28,021
		4400031920/H.008069	Peters Road Bridge and Extension (Phase 3)	\$180,527
	Other (Construction Support)	4400013203/H.001344	US 190 LA 437 to US 190 Bus (Phase 1)	\$9,460
		4400025027/Multiple S.P. No's	IIJA Off-System Bridge Program	\$102,090
	Other (Contract Management)	4400019336/Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$3,988
		4400025027/Multiple S.P. No's	IIJA Off-System Bridge Program	\$22,225

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
T. Baker Smith, LLC (continued)	Road	4400025027/Multiple S.P. No's	IJA Off-System Bridge Program	\$40,224
		4400024928/H.015576 (Task Order 1)	LA 447 at LA 1025 Roundabout	\$9,521
		4400024928/H.015587 (Task Order 3)	LA 3211 at Yokley Road Roundabout	\$114,621
		4400024298/H.016095 (Task Order 4)	LA 70 Rehab: Marguerite Street to US 90	\$7,870
		4400024928/H.015485 (Task Order 6)	LA 3187: LA 13 - LA 13	\$129,892
		4400024928/H.010795 (Task Order 7)	LA 42: Roundabout at Joe Sevario Road	\$81,440
	Survey	4400025027/Multiple S.P. No's	IJA Off-System Bridge Program	\$8,484
		4400021973/H.011242	LA 384 (Big Lake Road to McNeese Street)	\$102,090
		4400024928/H.015485	LA 3187: LA 13 - LA 13	\$63,857
		4400031920/H.008069	Peters Road Bridge and Extension (Phase 3)	\$301,303
		4400021973/H.013818	LA 308: B Lafour MB RH (Golden Meadow) (HBI)	\$55,667
	Other (SUE)	4400025511/H.011242.5	LA 384	\$620,767
		4400025511/H.010005.5	LA 733 VRMLN R MB RH	\$43,841
		440002551/H.011923.5	Hooper Road Roundabout at Sullivan Road	\$36,523



Section 20: Certifications/Licenses

Josh Porter, PE
(HNTB Corporation)



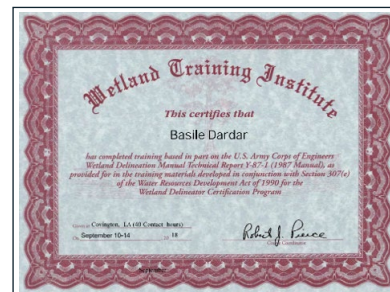
Benjamin Goodner, PE
(HNTB Corporation)



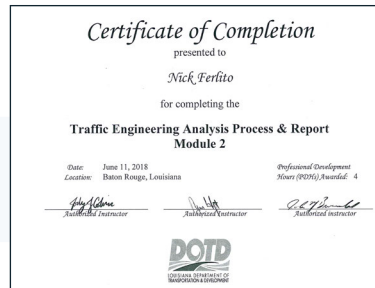
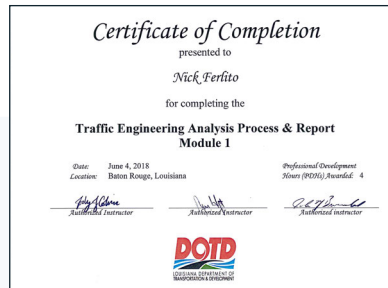
Diane Gormely-Barnes, FAICP, ENV SP, LEED AP
(HNTB Corporation)



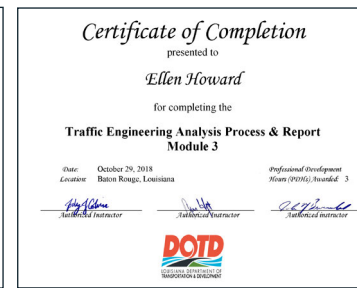
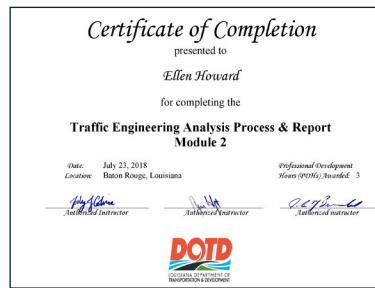
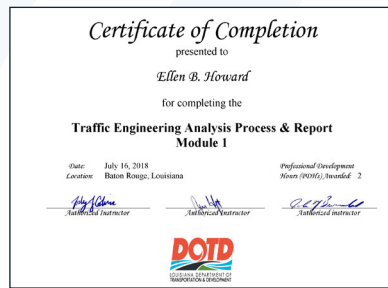
Basile Dardar, PE
(Elos Environmental, LLC)



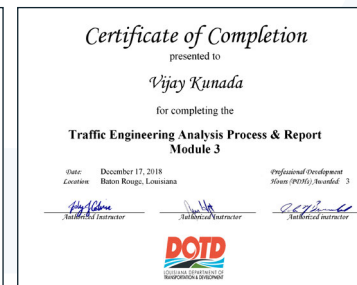
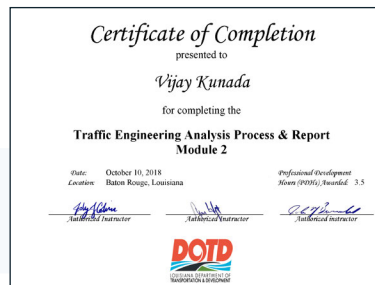
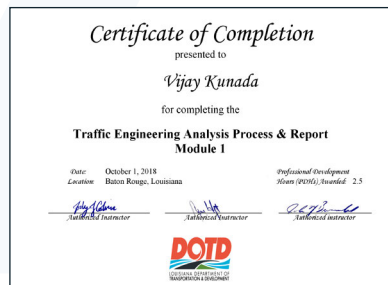
**Nick Joseph Ferlito, Jr.,
PE, PTOE**
(Neel-Schaffer, Inc.)



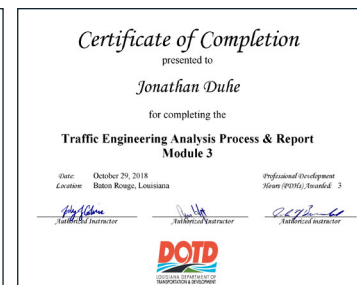
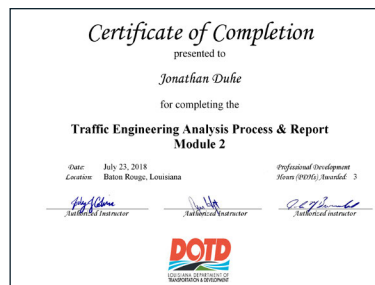
**Ellen B. Howard, PE,
PTOE**
(Neel-Schaffer, Inc.)



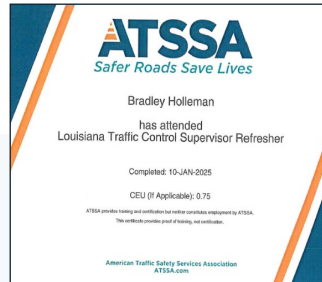
**Vijay Kunada, PE, PTOE,
PTP**
(Neel-Schaffer, Inc.)



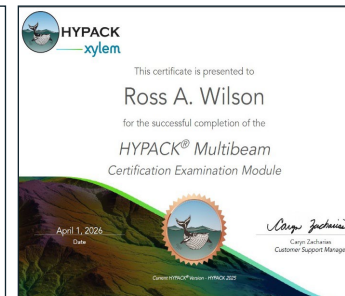
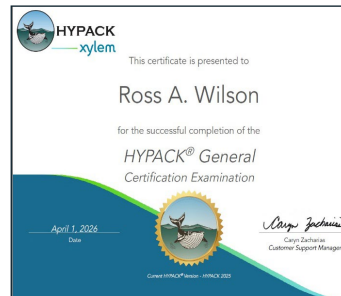
**Jonathan Paul Duhe,
PE, PTOE, RSP**
(Neel-Schaffer, Inc.)



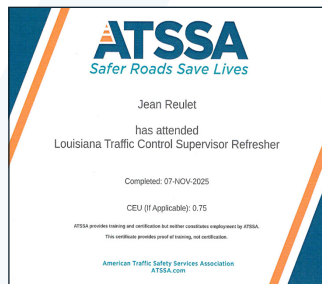
**Bradley Scott Holleman,
PE, PLS**
(Forte and Tablada, Inc.)



**Ross Andrew Wilson,
PLS**
(Forte and Tablada, Inc.)

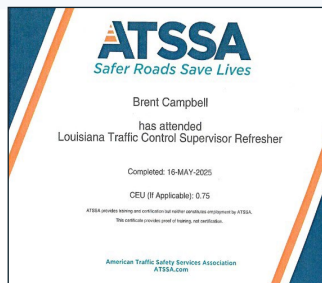


Jean Reulet III, PLS
(T. Baker Smith, LLC)



Contact	Program	Begin Date	End Date	ATSSA Flagger Number	Trainer Flagger Number
Jean Reulet	National Flagger	2/1/2026	2/3/2030	#0004/02566	

Brent Campbell
(Forte and Tablada, Inc.)



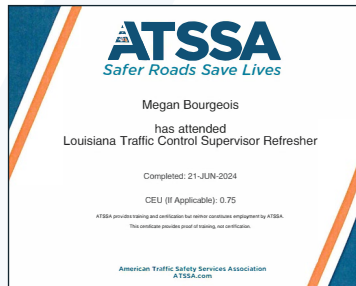
TJ Beau Stokes, PE
(T. Baker Smith, LLC)



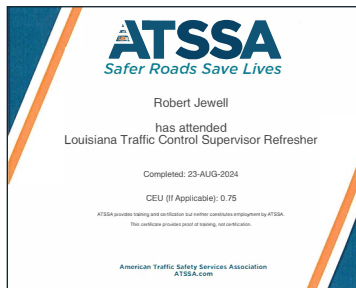
Perry Smith, Jr.
(T. Baker Smith, LLC)



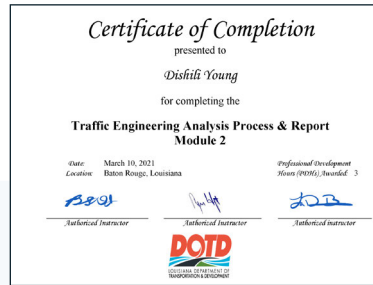
Megan G. Bourgeois, PE
(Ardaman & Associates, Inc.)



Robert Jewell, PE
(Ardaman & Associates, Inc.)



Dishili Young Curry, PE,
PTOE
 (Neel-Schaffer, Inc.)



Ryan Felder, PE
 (HNTB Corporation)



Kenny Belou, PE
 (T. Baker Smith, LLC)



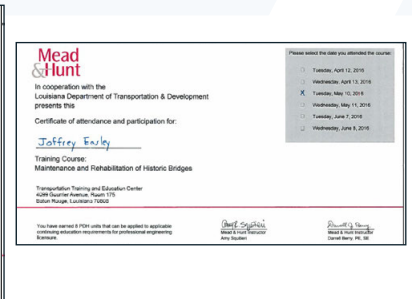
Marc Hoffman, PE
 (HNTB Corporation)



Patrick Roth, PE
(HNTB Corporation)



Joffrey E. Easley, PE
(Forte and Tablada, Inc.)



HNTB Corporation



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Print Detailed Record

Name	Type	City	Status
HNTB CORPORATION	Business Corporation (Non-Louisiana)	DOVER	Active

Previous Names

Business: HNTB CORPORATION

Charter Number: 34422713F

Registration Date: 12/23/1992

Domicile Address

615 S DUPONT HWY
DOVER, DE 19901

Mailing Address

P.O. BOX 412197
KANSAS CITY, MO 64141

Principal Business Office

1111 MAIN STREET, SUITE 2500
KANSAS CITY, MO 64106

Registered Office in Louisiana

44598 BLUEBONNET BLVD.
BATON ROUGE, LA 70809

Principal Business Establishment in Louisiana

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LA 70801

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 12/23/1992

Last Report Filed: 12/23/2025

Type: Business Corporation (Non-Louisiana)

Ardaman & Associates,
Inc.



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Print Detailed Record

Name	Type	City	Status
ARDAMAN & ASSOCIATES, INC.	Business Corporation (Non-Louisiana)	ORLANDO	Active

Previous Names

Business: ARDAMAN & ASSOCIATES, INC.

Charter Number: 34396031F

Registration Date: 12/13/1991

Domicile Address

8008 SOUTH ORANGE AVENUE
ORLANDO, FL 32809

Mailing Address

3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Principal Business Office

8008 SOUTH ORANGE AVENUE
ORLANDO, FL 32809

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

316 HIGHLANDIA DR.
BATON ROUGE, LA 70816

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 12/13/1991

Last Report Filed: 11/13/2025

Type: Business Corporation (Non-Louisiana)

Coastal Environments, Inc.



Louisiana

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Name	Type	City	Status
COASTAL ENVIRONMENTS, INC.	Business Corporation	BATON ROUGE	Active

Previous Names

Business: COASTAL ENVIRONMENTS, INC.

Charter Number: 277011200

Registration Date: 1/6/1967

Domicile Address

1260 MAIN STREET
BATON ROUGE, LA 70802

Mailing Address

1260 MAIN STREET
BATON ROUGE, LA 70802

Principal Office Address

1260 MAIN STREET
BATON ROUGE, LA 70802

Status: Active

Annual Report Status: In Good Standing

File Date: 1/6/1967

Last Report Filed: 12/8/2025

Type: Business Corporation

Elos Environmental, LLC



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Name	Type	City	Status
ELOS ENVIRONMENTAL, LLC	Limited Liability Company (Non-Louisiana)	WILMINGTON	Active

Previous Names

Business: ELOS ENVIRONMENTAL, LLC

Charter Number: 45643772Q

Registration Date: 10/19/2023

Domicile Address

1200 ORANGE STREET
WILMINGTON, DE 19801

Mailing Address

607 W MORRIS AVE
HAMMOND, LA 70403

Principal Business Office

607 W MORRIS AVE
HAMMOND, LA 70403

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

607 W MORRIS AVE
HAMMOND, LA 70403

Status: Active

Annual Report Status: In Good Standing

Qualified: 10/19/2023

Last Report Filed: 9/19/2025

Type: Limited Liability Company (Non-Louisiana)

Emergent Method, LLC



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Name	Type	City	Status
EMERGENT METHOD, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names
SPEYRER CONSULTING, LLC (Changed: 12/31/2014)
Business: EMERGENT METHOD, LLC
Charter Number: 40910135K
Registration Date: 8/8/2012

Domicile Address
804 MAIN ST.
BATON ROUGE, LA 70802

Mailing Address
804 MAIN ST.
BATON ROUGE, LA 70802

Status: Active
Annual Report Status: In Good Standing
File Date: 8/8/2012
Last Report Filed: 7/18/2025
Type: Limited Liability Company

Forte and Tablada, Inc.



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Name	Type	City	Status
FORTE AND TABLADA, INC.	Business Corporation	BATON ROUGE	Active

Previous Names
FORTE AND TABLADA, INC.
Business: FORTE AND TABLADA, INC.
Charter Number: 25306090D
Registration Date: 2/8/1961

Domicile Address
9107 INTERLINE AVE.
BATON ROUGE, LA 70809

Mailing Address
9107 INTERLINE AVE.
BATON ROUGE, LA 70809

Principal Office Address
9107 INTERLINE AVE.
BATON ROUGE, LA 70809

Status: Active
Annual Report Status: In Good Standing
File Date: 2/8/1961
Last Report Filed: 1/12/2026
Type: Business Corporation

KGC Environmental Services, Inc.



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Name	Type	City	Status
KGC ENVIRONMENTAL SERVICES, INC.	Business Corporation	MADISONVILLE	Active

Previous Names

Business: KGC ENVIRONMENTAL SERVICES, INC.

Charter Number: 34605314D

Registration Date: 1/12/1998

Domicile Address

344 BLACK RIVER DR
MADISONVILLE, LA 70447

Mailing Address

C/O KEVIN GUTH
344 BLACK RIVER DR
MADISONVILLE, LA 70447

Principal Office Address

344 BLACK RIVER DR
MADISONVILLE, LA 70447

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 1/12/1998

Last Report Filed: 12/17/2025

Type: Business Corporation

Neel-Schaffer, Inc.



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Name	Type	City	Status
NEEL-SCHAFER, INC.	Business Corporation (Non-Louisiana)	JACKSON	Active

Previous Names

Business: NEEL-SCHAFER, INC.

Charter Number: 34112054F

Registration Date: 4/25/1983

Domicile Address

4450 OLD CANTON ROAD
SUITE 100
JACKSON, MS 39211

Mailing Address

4450 OLD CANTON ROAD
SUITE 100
JACKSON, MS 39211

Principal Business Office

4450 OLD CANTON ROAD
SUITE 100
JACKSON, MS 39211

Registered Office in Louisiana

450 LAUREL STREET, 8TH FLOOR
BATON ROUGE, LA 70801

Principal Business Establishment in Louisiana

450 LAUREL STREET
8TH FLOOR
BATON ROUGE, LA 70801

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 4/25/1983

Last Report Filed: 4/9/2026

Type: Business Corporation (Non-Louisiana)

T. Baker Smith, LLC.



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Print Detailed Record

Name	Type	City	Status
T. BAKER SMITH, LLC	Limited Liability Company	HOUMA	Active

Previous Names

T. BAKER SMITH, L.L.C. (Changed: 3/23/2011)

T. BAKER SMITH, INC. (Changed: 12/13/2010)

T. BAKER SMITH & SON, INC. (Changed: 4/20/2005)

Business: T. BAKER SMITH, LLC

Charter Number: 26901340K

Registration Date: 1/7/1965

Domicile Address

412 SOUTH VAN AVENUE
HOUMA, LA 70363

Mailing Address

P.O. BOX 2266
HOUMA, LA 70361

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 1/7/1965

Last Report Filed: 12/8/2025

Type: Limited Liability Company



Section 21: QA/QC Plan

21. QA/QC Plan



Contract Nos. 4400035363, 4400035364, 4400035365, 4400035366, 4400035367

Sample Bridge Project QA/QC Management Plan



BRIDGE PROJECT QUALITY MANAGEMENT PLAN INDEX

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1.0 INTRODUCTION

1.1 Project Introduction

This document was developed to provide QC and QA procedures for multiple IDIQ contracts for bridge preservation advertised by the LADOTD. The intent of this HNTB QMP is to supplement Part I, Chapter 3 of the LADOTD Bridge Design and Evaluation Manual.

1.2 Quality Introduction

The HNTB doctrine states – sustainability, profitable growth, best business practices and “4 for 4”. HNTB’s “4 for 4” is our performance standard for each and every project as stated below:



- ☒ Quality Work
- ☒ On Time
- ☒ On Budget
- ☒ To the Client's Satisfaction on Every Project

Quality is a key component of this doctrine and is expected in everything we do. HNTB has defined the standard of quality that is to be achieved in our Manual of Professional Practice (MPP) and has established general guidelines for achieving this goal and documenting the results.

The HNTB team is aware that QC and QA is our responsibility, not the responsibility of LADOTD. We are committed to providing high-quality, accurate work on all deliverables associated with this contract.

The **Bridge QMP** establishes planned and systematic processes necessary to provide adequate confidence that this project will conform to the established quality requirements. It consists of two key components, QC and QA.

This QMP provides an understanding of basic quality processes set forth for the project and the procedures established for implementing those processes. The general procedures outlined herein are recommended for use on all tasks including the management of our subconsultant's work products. These procedures are intended to serve as guidelines and are not intended to be a replacement for sound professional judgment. The following QMP was developed in accordance with HNTB Gulf Coast District QMP and Part I, Chapter 3 of the LADOTD Bridge Design Manual “Policy for QC/QA”.

1.3 Definition of Terms and Positions

QC: Procedure for checking the accuracy and consistency of the calculations and the drawings, detection and correcting design omissions and errors before the design plans are finalized, and verifying the specification for the load-carrying members are adequate for the service and operation loads.

QA: Procedure for reviewing the work to ensure the QC procedures are in place and effective in preventing mistakes, and consistency in the development of the bridge design plans and specifications.

Designer: Engineer directly responsible for the development of design calculations, drawings, special provisions and cost estimates. Must be either a licensed professional engineer or engineer intern.

Checker: Engineer responsible for performing a full technical review of the design calculations, special provisions, drawings, and cost estimates. Must be either a licensed PE or engineer intern. However, if the designer is a engineer intern the design checker must be a PE.

Design Back-Checker: Typically the designer. If designer is unavailable, the design back-checker must coordinate with the checker to ensure all noted changes are agreed to. Must be either a licensed PE or engineer intern. However, if the checker is an engineer intern, the design back-checker must be a PE.

Detail Back-Checker: Engineer responsible for performing a full review of the drawings. Must be either a licensed PE or engineer intern. However, if the checker is an engineer intern, the detail back-checker must be a PE.

Updater: Individual responsible for updating the design calculations or plans to reflect all agreed upon changes. (For design calculations, typically the designer; for plans, typically the detailer.)

Verifier: Individual (usually the checker) responsible for verifying that all changes or additions to a drawing, calculation, report or graphic element have been accurately incorporated.

Reviewer: Engineer responsible for ensuring that the QC process has been followed as outlined.

Detailer: Individual responsible for preparing drawings.

Supervisor or Team Leader: Project manager or task assignee responsible for overseeing the project and staff on the project.

EOR: The engineer responsible for supervision and/or preparation of plans, sealing calculations, plans, and special provisions if required.

Quality Project Manager (QPM)/Quality Task Manager (QTM): Individual responsible for conducting audits and ensuring QC plans are adhered to. The QPM is responsible for the entire project and all aspects and the QTM are responsible for each discipline.

Independent Technical Reviewer: Engineer who completes an independent review of the drawings and/or calculations. Independent technical reviewer is part of the consultant team but is not part of the design team. Engineer must have experience reviewing tasks that meet or exceed those of the designer and or checker.

Peer Review: Independent engineering entity, with no prior involvement in the project, performs a check of the designs by producing an independent set of calculations based on the drawings or performs the review as specified in the scope of work. Peer reviewer may not be employed by the same consultant with whom the designer or design checker is employed. Peer reviews are typically performed between 60% to 98% final plans stage depending on the scope of the review. It is not within the scope of services for this project.

Audit: A systematic, independent and documented activity performed to verify that applicable elements of the QMP have been effectively implemented and documented in accordance with the specific requirements.

Constructability Review: A design review performed by the contractor or appropriate construction services personnel to assess the feasibility of the proposed design from a construction perspective.

Design Criteria: A set of project-specific parameters that define the design requirements, specifications and functional classifications of the project.

Inter-Discipline Review: A discipline specific design review of a design package by all applicable design disciplines.

Quality Records: A completed document or record keeping evidence of successful implementation of any given aspect of the QMP.

1.4 Subconsultants

Work performed by a subconsultant to HNTB shall be held to the same quality standards as described herein for HNTB produced work. The subconsultant will be responsible for following the Movable Bridge QMP. As part of the HNTB team project kick-off, all team members will participate in a quality training session to ensure all parties understand QC and QA requirements and expectations. At a minimum, additional quality training sessions will be held yearly to reinforce quality processes and introduce processes to any new team members.

1.5 File Management

Projectwise will be used to manage electronic files between **HNTB, Ardaman & Associates, Inc., Coastal Environments, Inc., ELOS Environmental, LLC, Emergent Method, LLC, Forte and Tablada, Inc., KGC Environmental Services, Inc., Neel-Schaffer, Inc., T. Baker Smith, LLC**, and LADOTD.

Separate folder structures will be created for each structure. ProjectWise will be used to transfer data between LADOTD and HNTB. CADD drawings will be created and modified on local servers. Once complete, all team members will upload PDF CADD files to Projectwise to initiate quality reviews. HNTB will upload final CADD and PDF files will be uploaded to ProjectWise.

1.6 CADD

All drawings will be developed in Microstation V8i and be CADD conformed to LADOTD standards.

1.7 Responsibilities of the LADOTD Bridge Task Manager

LADOTD bridge task manager will not be responsible for QC and QA of HNTB or our subconsultant's work. The LADOTD bridge task manager will be responsible for items listed in Section 3.3.2 of Part I, Chapter 3 of the Bridge Design Manual. Some, but not all, items are listed below:

- » Develop scope.
- » Approve design criteria submitted by HNTB.
- » Review and approve bridge type, size and location (TS&L) and ensure design criteria is updated as project progresses.
- » Review consultant submittals. Selectively check dimension and details as a cursory review of the plans for constructability, consistency, and clarity but not as QC/QA of HNTB work.
- » Monitor project schedule - HNTB is ultimately responsible for maintaining schedule or communicating concerns with LADOTD PM.
- » Monitor budget - HNTB is ultimately responsible for maintaining budget or communicating concerns with LADOTD PM.



Jeff Burst, PE, will serve as the quality manager for this contract. He has more than 32 years of experience in designing, managing, and delivering complex transportation projects and programs. He is proficient in leading alternative delivery processes including DB, CMAR, and P3. He was one of the DBIA Leadership Award recipients for the promotion and advocacy of national DB principles. He brings experience with LADOTD processes as he was the former director of the Program and Project Management Division for LaDOTD.

HNTB will use the QC/QA manager whose skill set best matches the current assignment. This will ensure that all current industry standards, technology, and best practices are being used. HNTB will also assign a local office QPM to ensure the quality process is followed on all deliverables.

2.0 QUALITY CONTROL PROCESS

QC is defined as the procedures and processes established to meet the project requirements for quality as stated in the QMP and the accepted standard of care. It is our basic checking procedures for ensuring accuracy and completeness. The following are the standard checking formats for hard copy documents (such as hand calculations, program input files and plans) and electronic documents (such as word documents) that should be implemented for all QC processes:

Design Calculations and LADOTD Approved Design Programs

QC starts first with the designer. The designer is responsible for reviewing all calculations prior to being checked.

A copy of the original document is made for documentation of all review activities. For checking of design programs, a printout of the input and output should be provided to the checker, however, the checker is only responsible for checking the input and reviewing the output to verify the input.

Review of the document for correctness and completeness is performed by the **checker**.

- Changes are **marked in red**.
- Correct items are **highlighted in yellow**.
- Correct full paragraphs (or pages) are marked with a **yellow diagonal**.
- Input files are 100% checked. Controlling values of output files will be verified as an additional check.
- When the checker is complete, all text will be either **highlighted in yellow** or **marked in red**. By doing so, the QPM can easily verify if the entire document has been checked.

A back-check of all comments/proposed changes is performed by the design **back-checker** (usually the **originator**).

- Agreement is shown with a **green check mark ✓**.
- Disagreement is discussed with **checker** and noted with a **green STET** (no change required) upon concurrence with original value.

All agreed upon changes are made to the original document by the **updater**.

- Items are **circled in blue** to show that the change has been made.

All updates to the document are verified for completeness and correctness by the **verifier** (usually the **checker**).

- **Blue circles** are **highlighted in yellow** to show that updates were made.

Once complete, there should be two copies of the design calculations. One yellow highlighted copy with changes noted in red, agreement in green, blue circle to note the change is made and yellow over the blue indicating the change has been verified. The second copy is the corrected copy and should have the checker and back-checker initials. The corrected copy will be included as part of the design calculation book submitted to LADOTD. Both files shall be uploaded to the Team ProjectWise folder.

Electronic Documents (Word, PDFs, etc.) (Not Design Programs)

A review of the document for correctness and completeness is performed by the **checker**.

- Changes are shown in an inserted comment box or using track changes in a Word Document.
- Correct items are **highlighted with yellow**.
- Correct full paragraphs (or pages) are **highlighted in yellow**.
- Checker will save a version of the checked file once checking is complete.

A back-check of all comments/proposed changes is performed by the **back-checker** (usually the **originator**).

- Agreement is shown by typing "concur" and initialing in comment box or accepting changes (Word Document).
- Disagreement is discussed with **checker** and noted with a STET in comment box with initials of both parties or by rejecting changes (Word Document) upon concurrence with original value.
- Back-checker will save a version of the file once back-checking is complete.

All agreed upon changes are made to the original document by the **originator** (or **updater** if track changes was not used). A version will be saved once updating is complete.

All updates to the original document are verified for completeness and correctness by the **verifier** (usually the **checker**). The final, clean version will be saved once verification is complete. Associated files shall be uploaded to the Team ProjectWise folder.

Plans (All Submittals to LADOTD)

A set of plans is printed to PDF and each sheet stamped with a PDF checking print stamp (see Appendix).

Review of the plans for correctness and completeness is performed by the checker. The preference is this checking process occur within Bluebeam, but printing paper copies and hand marking is acceptable.

- Changes are **marked in red**.
- Correct items are **highlighted in yellow**.
- If **checker** has significant comments and changes, plans shall be updated accordingly and checking process restarted.
- **Checker** must be a professional engineer or engineer intern and cannot be the **designer** of the plans.

The **detail back-checker** (usually the **designer**) will perform a back-check of all comments/proposed changes. **Back-checker** is responsible for reviewing all items on the drawing including items marked by **checker**.

- Agreement is shown with a **green check mark ✓**.
- Disagreement is discussed with **checker** and noted with a **green STET** upon concurrence with original value.

All agreed upon changes are made to the original document by the **updater**.

- Items are **circled in blue** to show that the change has been made.

All updates to the document are verified for completeness and correctness by the **verifier** (usually the **checker**).

- **Blue circles** are **highlighted in yellow** to show that updates were made.

Once complete, there should be two copies of the plans. One yellow highlighted copy with changes noted in red, agreement in green, blue circle to note the change is made and yellow over the blue indicating the change has been verified. The second copy is the clean, corrected copy and will be the official deliverable document. Both files shall be uploaded to the Team ProjectWise folder.

A basic checking procedure is displayed below:



2.1 Levels of Review

There are two levels of review that are utilized within the QC process, as defined below. A given project task could receive a Level 1 or a Level 2 review, or both as deemed appropriate by the supervisor or team leader.

Level 1 - 100% checking of a produced document to include drawings, calculations, spreadsheets, special provisions, tables within reports, program input, graphic elements for reports or presentations, design programs, CADD modeling input.

Level 1 - 100% Document Check

- Check everything on a sheet.
- Use the appropriate standard checking format.
- Document checking procedures on an attached check print sign off sheet or by check print stamp (see Appendix for examples).
- Copy and upload original checked documents as color PDF files to the project QC directory, to await audit.

Level 1 - 100% Input Check

- Checking is only for input data.
- Use the appropriate standard checking format
- Verify that the software or spreadsheet used is appropriate.
- LADOTD pre-approved software does not require validation.
- Verify any previously prepared MathCad and Excel spreadsheets.
- Document checking procedures on an attached check print sign off sheet (see Appendix).
- Copy and upload original checked documents as color pdf files to the project "QC" directory, to await audit.

Level 2 - Peer or senior technical review of documents to include drawings, calculations, report text, CADD documents, shop drawings and RFIs, presentation materials and QA checklists; inter-disciplinary, constructability and independent technical reviews; review and oversight of subconsultant submittals.

- Check or validate only specific items as determined by the supervisor or team leader
- Use the appropriate standard checking format.
- Document checking procedures on an attached check print sign off sheet or by check print stamp (see Appendix for examples).
- Copy and upload original checked documents as color PDF files to the project QC directory, to await audit.

3.0 QUALITY ASSURANCE PROCESS

QA is defined as the systematic activities implemented to provide confidence that the QC processes are followed in compliance with the QMP. These are our audit processes for verifying that the appropriate checking procedures have been performed and documented, and our corrective action plans for addressing problems have been identified within the processes. The keys to an effective quality program lie in the accountability, compliance and continual improvement of the program.

Once the QC processes have been performed, a QA process must be implemented to confirm that the QC procedures were performed to the expectations documented in the QMP. The following procedures should be part of the assurance/validation process.

3.1 Audits

Each consultant shall be responsible for uploading their quality checked files onto ProjectWise for QA and notifying the QPM. The QPM will audit the QC records prior to each submission to confirm that all QC procedures have been performed for each task of the deliverable, and record the findings on associated form (see Appendix). Upon approval of the quality documents, the QPM will move each approved document into the project quality records folder and will inform the supervisor or team leader that the submittal is ready for release to the client. The office leader will also receive a hard copy of that verification.

Additionally, the HNTB office quality manager may choose this project for review at an executive level. An audit may be performed similar to the routine project audit, but will also include interviews with staff to determine if the quality management process is clearly understood and is being performed unbiased and independent of the design or production process.

The purpose of the audit is two-fold:

- Identify and correct a breakdown in quality or any instance of noncompliance to established HNTB best practice procedures through a defined corrective action plan.
- Identify opportunities for implementation of preventive action, training and continual improvement processes to enhance quality, efficiency and value to our projects and clients.

All audit findings should be documented as a part of the quality records.

3.2 Corrective Action and Preventive Action Plans

A corrective action plan (CAP) is a strategy for correcting or eliminating a problem impacting project quality or performance that has already occurred or been identified. The focus of the plan is to systematically review the root cause of the problem in an attempt to prevent the problem from recurring. The primary concepts of the plan are as follows:

- Task leads identify the problem and present to PM or QPM
- Determine the cause of the problem or unintended result
- Identify action items or plan to correct to the problem

Preventive actions are implemented in response to the identification of a trend that would potentially impact quality and lead to a project issue or problem. Preventive action is considered as a proactive undertaking. For example, if we anticipate a potential problem and take action to eliminate the causes and prevent the occurrence of that problem, this is considered to be preventive action.

If a problem or breakdown in quality is discovered during an audit, the PM will be notified immediately. The PM and QPM will perform a root cause analysis to determine the extent of the problem and develop a CAP for implementation. A follow-up meeting will be conducted with all responsible individuals to convey the CAP expectations. If a resolution cannot be reached, the office leader will become involved in the process.

4.0 QUALITY MANAGEMENT IMPLEMENTATION

For a quality program to be effective, it must be planned and implemented as part of the project work plan, and budgeted accordingly. A QMP log - Form 1.0 (see Appendix) should be filled out by the PM for every project, incorporated into the Project Work Plan and forwarded to the QPM for execution.

Proper documentation of the process throughout is also key to successfully managing quality. The following file structure should be set up within the project directory for each project:

\Job_Folder\QMP\Deliverable Name\QC (local server)

\Job_Folder\QMP\Deliverable Name\QA (ProjectWise)

\Job_Folder\QMP\Deliverable Name\Quality Records (ProjectWise)

\Job_Folder\QMP\Deliverable Name\Client Deliverable (ProjectWise)

The **QMP** folder will contain the QMP log (Form 1.0) and all project specific quality requirements, checklists, etc.

The **QC** sub-folder will receive each task item or deliverable that has been produced and is ready for review. Each deliverable will be accompanied by either Form 2.0 or Form 3.0, as determined by the PM or task leader. All assigned checkers will go here to get their assigned documents.

The **QA** sub-folder will receive each completed item or deliverable from the QC folder along with a completed Form 2.0 or Form 3.0. The PQM will go here to find all documents ready for QA.

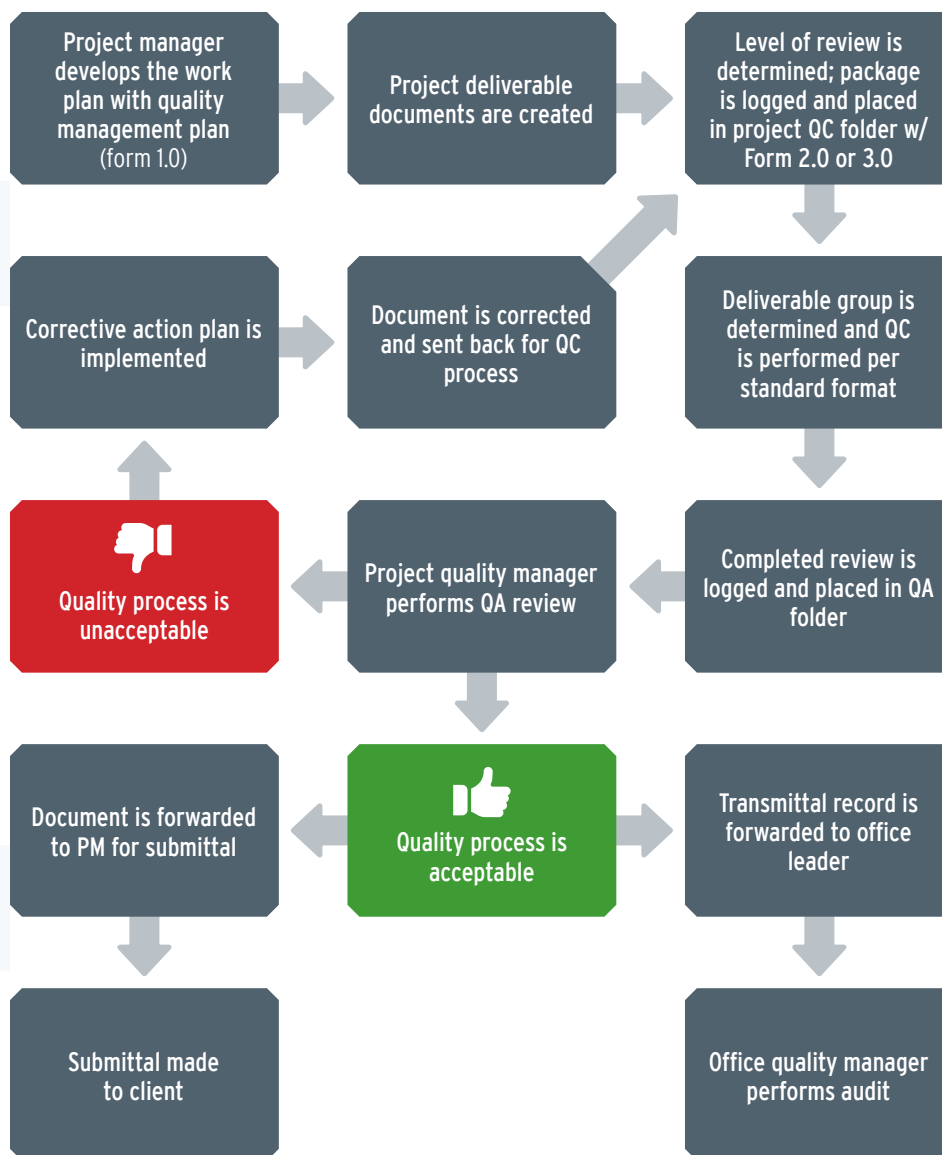
The **Quality Records** sub-folder houses all completed quality documentation that has been signed off by the QPM and the PM, all audit findings and CAP documentation.

The client deliverable folder houses only clean files which have completed QC/QA procedures that are to be submitted to the client.

4.1 QMP Process Diagram

The diagram depicts all key activities and the work flow required for the quality management process. This diagram is only intended as a guide and can be supplemented as required by the PM or QPM, based upon project complexity or client requirements.

Quality Process Diagram



All deliverables submitted to LADOTD will be subject to QC/QA as described in our QMP. A specific list of deliverables and milestones will be developed and described in the contract scope of work.

LADOTD Consultant Submittal QC/QA Certification



Movable Bridge Quality Management Plan

FORM 2.0

LEVEL 1 CHECK PRINT SIGN-OFF SHEET

Client Name: _____
 Job Title: _____
 Job Number: _____
 Document Title: _____

Check Level (Mark One): ☐ 1 - 100% Document Check
☐ 1 - 100% Input Check (When Pre-Validated Software in Used)

	Name	Received Date	Completion Date
Originated By:	☐ _____	_____	_____
Checked By:	☐ _____	_____	_____
Backchecked By:	☐ _____	_____	_____
Verified By:	☐ _____	_____	_____

Comments: _____



Movable Bridge Quality Management Plan

FORM 3.0

LEVEL 2 REVIEW MEMORANDUM

Client Name: _____
 Job Title: _____
 Job Number: _____
 Document Title: _____

Check Level (Mark One): ☐ Studies or Report Type Documents
☐ Documents Prepared by Others
☐ Checklist
☐ CADD QC Audit
☐ Other
Specify below:

	Name	Received Date	Completion Date
Reviewed By:	☐ _____	_____	_____

Review Findings: _____



QUALITY AUDIT CHECKLIST

AUDITED AREA:		DATE(S) OF AUDIT:		
AUDITOR:		AUDIT:		
AUDIT ITEM	REFERENCE	METHOD OF VERIFICATION	CONFORMS	
			YES	NO
1. Have computer programs utilized been validated?	QMP Group D	Review validation records.		
2. Are calculation check prints available?	QMP Group B	Review originals and check prints		
3. Were calculations checked prior to drawing checking?	QA Folder, QMP Log	Review check prints.		
4. Are drawing check prints available?	QMP Group E	Review record set and check prints.		
5. Are check prints of specifications available?	QMP Group A	Review record set and check prints.		
6. Is checking of input to computer programs being accomplished?	QMP Group B	Review originals and check prints		
7. Are check prints of studies or report-type documents available?	QMP Group A	Review check prints.		
8. Are procedures for marking up check prints being followed? Checker - Yellow/Red Backchecker - Green Updater - Blue Verifier - Yellow	QA Folder	Review check prints.		
10. Are check prints properly signed and dated?	QA Folder	Review check prints.		
11. Are plan reviews completed?	QMP Log	Review package to verify that comment sheets are available.		
12. Are the review comments incorporated into the final documents or disposed of as otherwise noted?	QA Folder	Review for verification that Design Reviews comments have been		

		incorporated. Review for verification that comments from prior Design Reviews have been incorporated.		
13. Are check prints of graphic elements available?	QMP Group C	Review check prints.		
14. Are all checklists validated?	QMP Group D	Review check prints.		

Corrective Action Log

HNTB - Quality Manager:

Form 5.0

Project #	PM or PQM	Issue Summary	Corrective Action	Implemented
12345	Joe Smith	Subs delayed project submittal	Updated schedule for additional time for subs; weekly conference calls initiated	1/1/2012

Preventative Action Log

HNTB - Quality Manager:

Project #	PM or PQM	Issue Summary	Preventative Action	Implemented
12345	Joe Smith	Task 50% complete - 65% spent	Weekly monitoring by PM	1/1/2012

Sample Check Print Stamps**CHECKING PRINT**

Checked by _____ Date _____
 Back Checked by _____ Date _____
 Corrected by _____ Date _____
 Tracing Signed by _____ Date _____

**AUXILIARY
CHECKING PRINT NO. _____**

Checked by _____ Date _____
 Back Checked by _____ Date _____
 Corrected by _____ Date _____
 Tracing Signed by _____ Date _____

DOTD QC/QA Certification

Project No.: H.0XXXXX

Project Name: XXXXXXXXXXXXX

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

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

DOTD Consultant Submittal QC/QA Certification

Project No.: H.0XXXXX

Project Name: XXXXXXXXXXXXX

I, the undersigned Supervisor or Team Leader for this project, certify that the information included in this submittal has been prepared in accordance with the QC/QA plan documents and LADOTD Bridge Design Section policy on QC/QA and the information presented is accurate and meets the requirements of this submittal. All CAD drawings meet LADOTD CAD standards.

Submittal Description

Supervisor or Team Leader Name

Signature

Date



Section 22: Subconsultant Information

22. Subconsultant Information			
Firm Name (Name must match exactly 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
Ardaman & Associates, Inc.	316 Highlandia Drive Baton Rouge, Louisiana 70810	Robert Jewell rjewell@ardaman.com	(225) 666-4598
Coastal Environments, Inc.	1260 Main Street Baton Rouge, Louisiana 70802	Beth Manly bmanly@coastalenv.com	(225) 383-7455
Elos Environmental, LLC	607 West Morris Avenue Hammond, Louisiana 70403	Lucas Watkins lwatkins@elosenv.com	(985) 662-5501
Emergent Method, LLC	804 Main Street Baton Rouge, Louisiana 70802	Jonathan Percle jonathan@emergentmethod.com	(225) 413-6279
Forte and Tablada, Inc.	9107 Interline Avenue Baton Rouge, Louisiana 70809	Russell J. "Joey" Coco, Jr. jcoco@forteandtablada.com	(225) 927-9321
KGC Environmental Services, Inc.	344 Black River Drive Madisonville, Louisiana 70447	Kevin Guth kmguth@kgces.com	(225) 936-3456
Neel-Schaffer, Inc.	10000 Perkins Rowe Suite G360 Baton Rouge, Louisiana 70810	Nick Ferlito nick.ferlito@neel-schaffer.com	(225) 924-0235
T. Baker Smith, LLC	180 Greenbriar Boulevard Covington, Louisiana 70433	TJ Stokes tj.stokes@tbsmith.com	(985) 302-0728

An aerial photograph of a university campus. In the foreground, there are several large, modern academic buildings with flat roofs and large windows, surrounded by green lawns and trees. In the background, a wide river flows, with a large industrial facility or shipyard visible on the opposite bank. The sky is filled with soft, white clouds. The image is overlaid with a blue and yellow geometric design consisting of diagonal stripes.

Section 23: Location

23. Location

Location is not required per advertisement.