

DOTD FORM 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

PREPARED FOR: LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT (DOTD)

CONTRACT NO. 4400031700



CONTRACT NAME: IDIQ SERVICES FOR CONSTRUCTION, ENGINEERING, AND INSPECTION SERVICES AND STAFF AUGMENTATION (CE&I)

LOCALE: STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 02

PREPARED BY
MEYER ENGINEERS, LTD.
A COMPANY OF THOMPSON HOLDINGS, INC.

a company of



SUBMITTED ELECTRONICALLY
WEDNESDAY, FEBRUARY 26, 2025

a company of



DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised December 12, 2024)

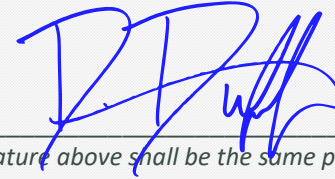
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number. ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	IDIQ SERVICES FOR CONSTRUCTION, ENGINEERING, AND INSPECTION SERVICES AND STAFF AUGMENTATION (CE&I) STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 02
2. Contract Number(s) as shown in the advertisement	Contract No. 4400031700
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name <i>(name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)</i>	MEYER ENGINEERS, LTD.
5. Prime consultant license number <i>(as registered with the Louisiana Professional Engineering and Land Surveying Board [LAPELS] if registration is required under Louisiana law)</i>	EF.0000562 DUNS #043959022
6. Prime consultant mailing address	P.O. Box 763 Metairie, LA 70004
7. Prime consultant physical address <i>(existing or to be established, if location is used as an evaluation criteria)</i>	4937 Hearst Street, Suite 1B Metairie, LA 70001
8. Name, title, phone number, and email address of prime consultant's contract point of contact	David H. Dupre, P.E. Vice President Phone: 504-885-9892 Email: ddupre@meyer-e-l.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Donovan P. Duffy, P.E. President Phone: 504-885-9892 Email: dduffy@meyer-e-l.com

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

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

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.



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

DONOVAN P. DUFFY, P.E.

Date: **February 26, 2025**

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.

N/A

12. DISCIPLINE TABLE:

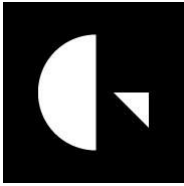
As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract. The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Past Performance Evaluation Discipline(s)	% of Overall Contract	Prime MEYER ENGINEERS, LTD.	Firm B HARDESTY & HANOVER, LLC	Firm C ROYAL ENGINEERS AND CONSULTANTS, L.L.C.	Firm D GRESHAM SMITH	Firm E HORIZON ENGINEERING, LLC	Each Discipline must total to 100%
CE&I/OV	100%	55%	10%	20%	5%	10%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	55%	10%	20%	5%	10%	100%

13. FIRM SIZE:

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

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

FIRM NAME	DOTD JOB CLASSIFICATION	NUMBER OF PERSONNEL COMMITTED TO THIS CONTRACT	TOTAL NUMBER OF PERSONNEL AVAILABLE IN THIS DOTD JOB CLASSIFICATION (IF NEEDED)
 a company of  MEYER ENGINEERS, LTD.	Principal	1	1
	Supervisor – Engineer	3	6
	Project Off. Manager	1	2
	Engineer	4	9
	Engineer Intern	0	2
	Inspector – Certified	3	10
	Inspector – Lead	1	1
	Inspector	3	20
	Clerical	1	3
 GRESHAM SMITH	Principal	1	1
	Supervisor-Engineer	3	6
	Engineer	3	8
	Engineer Intern	3	8
	Professional	1	4
	Senior Technician	2	6
	Clerical	1	1
 HARDESTY & HANOVER, LLC	Supervisor – Engineer	2	4
	Engineer	3	6
	Engineer Intern	4	6
	Inspector – Lead	1	1
	Inspector – Certified	1	1
	Supervisor – Other	1	2

13. FIRM SIZE:

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

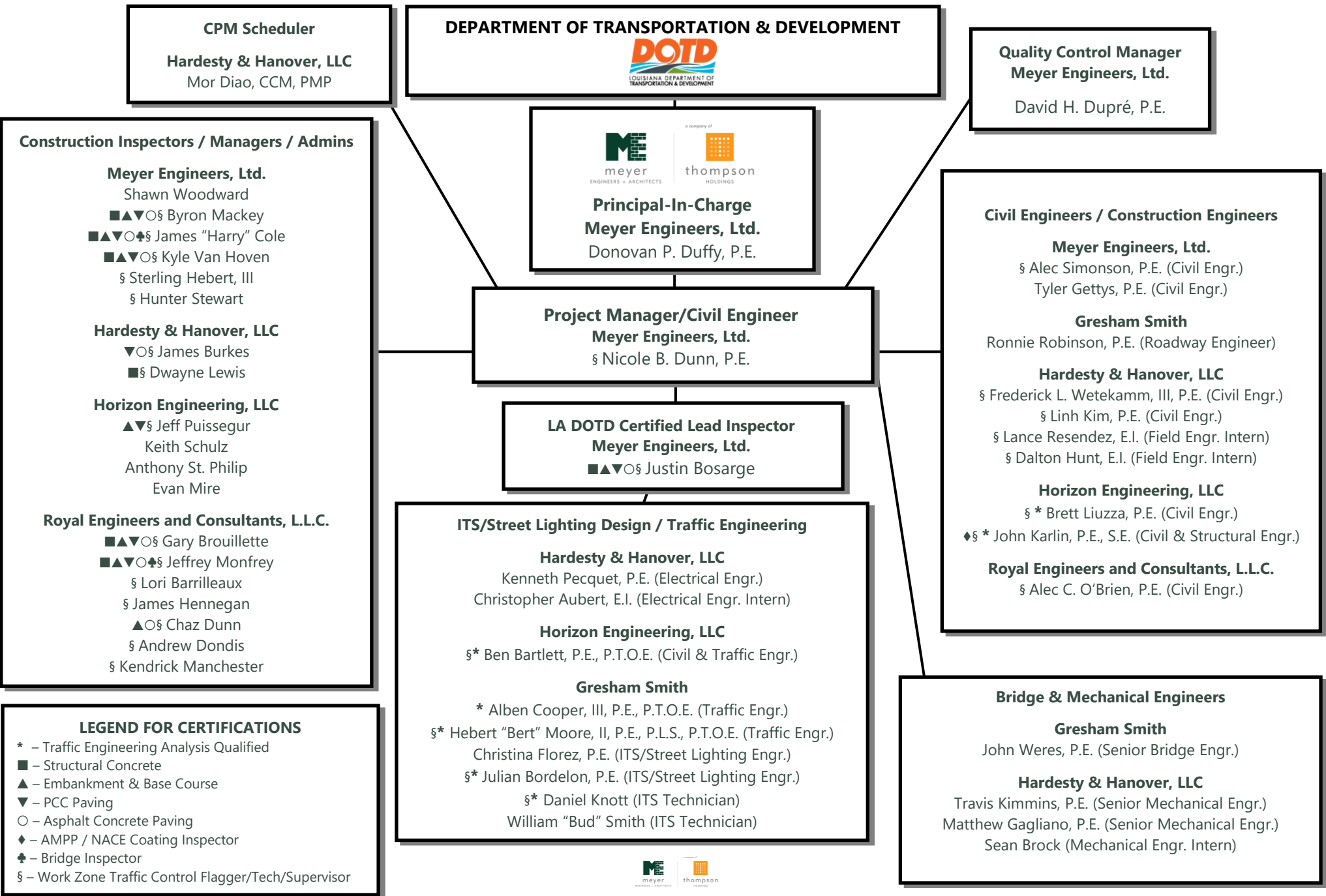
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

FIRM NAME	DOTD JOB CLASSIFICATION	NUMBER OF PERSONNEL COMMITTED TO THIS CONTRACT	TOTAL NUMBER OF PERSONNEL AVAILABLE IN THIS DOTD JOB CLASSIFICATION (IF NEEDED)
 HORIZON ENGINEERING, LLC	Principal	0	3
	Supervisor – Engineer	1	3
	Supervisor – Other	1	1
	Engineer	2	3
	Inspector – Lead	1	1
	Inspector – Certified	1	1
	Inspector	2	4
 ROYAL ENGINEERS AND CONSULTANTS, L.L.C.	Engineer	1	10
	Engineer Intern	0	5
	Inspector – Lead	2	3
	Inspector – Certified	1	3
	Inspector	4	6

14. ORGANIZATIONAL CHART

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13.

If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20. It is acceptable to use an 11x17 format for Section 14.



MPR NO. <i>Do not insert wording From ad</i>	PERSONNEL BEING USED TO MEET THE MPR <i>(Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)</i>	FIRM EMPLOYED BY	TYPE OF LICENSE AND DISCIPLINE MEETING MPR/ CERTIFICATION & NUMBER <i>(Ex: P.E. # – Civil)</i>	STATE OF LICENSE	LICENSE / CERTIFICATION EXPIRATION DATE
1	Donovan P. Duffy, P.E.	Meyer Engineers, Ltd.	P.E. #0041844 – Civil	LA	03/31/2026
2	David H. Dupre, P.E.	Meyer Engineers, Ltd.	P.E. #0023422 – Civil P.E. #0023422 – Environmental	LA	03/31/2026 03/31/2026
3	Nicole B. Dunn, P.E.	Meyer Engineers, Ltd.	P.E. #0044444 – Civil DOTD Traffic Control Supervisor ATSSA Flagger	LA	09/30/2026 09/20/2027 09/21/2027
4	Ronnie L. Robinson, P.E.	Gresham Smith	P.E. #0024040 – Civil P.E. #0024040 – Environmental	LA	03/31/2026 03/31/2026
4	Brett Liuzza, P.E.	Horizon Engineering, LLC	P.E. #0037753 – Civil	LA	9/30/2025
4	Alec “Carter” O’Brien, P.E.	Royal Engineers and Consultants, L.L.C.	P.E. #0043647 – Civil	LA	03/31/2026
5	Frederick L. Wetekamm, III, P.E.	Hardesty & Hanover, LLC	P.E. #0025369 – Civil P.E. #0025369 – Environmental	LA	03/31/2026 03/31/2026
5	John S. Weres, P.E.	Gresham Smith	P.E. #0036429 – Civil	LA	09/30/2025
6	Ben Bartlett, P.E., P.T.O.E.	Horizon Engineering, LLC	P.E. #0038980 – Civil	LA	9/30/2026
6	Hebert “Bert” Moore, II, P.E., P.L.S., P.T.O.E.	Gresham Smith	P.E. #0031065 – Civil P.L.S. #5043 P.T.O.E. #2728	LA LA International	09/30/2026 09/30/2026 09/30/2026
6	Alben Cooper, III, P.E., P.T.O.E.	Gresham Smith	P.E. #0036291 – Civil P.T.O.E. #3206	LA International	09/30/2025 05/02/2027
6	Christina Florez, P.E.	Gresham Smith	P.E. #0038799 – Electrical and Computer Engineer	LA	09/30/2026
6	Julian Bordelon, PE	Gresham Smith	P.E. #0047473 – Electrical and Computer Engineer	LA	09/30/2025
7	Matthew V. Gagliano, P.E.	Hardesty & Hanover, LLC	P.E. #0037500 – Mechanical	LA	03/31/2025
7	Travis Kimmins, P.E.	Hardesty & Hanover, LLC	P.E. #0043676 – Mechanical	LA	03/31/2026

16. STAFF EXPERIENCE

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

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Donovan P. Duffy, P.E.		Years of relevant experience with this employer	8
Title	President		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization			B.S. (Louisiana State University) / 2013 / Civil Engineering M.B.A. (University of New Orleans) / 2016 / Business Administration	
Active registration number / state / expiration date			P.E. #0041844 / LA / 03-31-2026	
Year registered	2017	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Principal-in-Charge / Meets MPR No. 1	
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).		
Mr. Donovan P. Duffy, P.E., has over twelve years of experience in Civil and Structural Engineering and Construction Management. He has extensive experience leading design and construction administration operations within a diverse range of industries and government entities. He specializes in structural engineering including analysis of existing structures and foundations, as well as design of concrete foundations, concrete structures, and steel framing for new buildings and structures. He is also involved in many fields of civil engineering design including roads, drainage, sanitary sewer: collection, lift stations, force mains and treatment systems, water treatment and distribution networks, environmental, and recreation. His experience in construction administration includes coordination with contractors and clients; organization, oversight, and record-keeping of pre-construction and construction progress meetings; shop drawing review; evaluation of change orders and pay requests; and various other construction coordination responsibilities. He has designed projects in accordance with DOTD's "Roadway Design Manual", "Hydraulics Manual", "Bridge Manual", AASHTO's "Green Book", the "Louisiana Standard Specifications for Roads and Bridges", "American Concrete Institute Standards", and the "AISC Manual of Steel Construction".				
Project Start - Close: 05/23 – Present		State Project No. H.006457: Roundabout at PR 929 and Parker Roads, Ascension Parish: Project Principal for the Construction Engineering and Inspection Services for the Roundabout at PR 929 and Parker Roads which includes removal of existing pavement base, treatment of subgrade layer, soil cement base, milling, asphalt base/binder/friction course paving, PCC paving, embankment, and striping/signs along with combination curb and gutter, and new drainage. Meyer is working hand in hand with the Contractor, DOTD, and the Ascension Parish Engineering Department. Construction Cost: ~\$2.4M (EST)		
Project Start - Close: 05/22 – Present		State Project No. H.014048: S. Tangipahoa Roads – Pavement Rehab, Tangipahoa Parish: Project Principal for the Construction Engineering and Inspection Services for the South Tangipahoa roads rehabilitation which includes milling, overlay, and striping along with combination curb and gutter, and incidental drainage. Meyer is working hand and hand with the Contractor, DOTD, and the Tangipahoa Engineering Department. Construction Cost: \$3.5M (EST)		
Project Start - Close: 03/19 – 11/19		State Project No. H.012783.6: WB Veterans: Severn Avenue – Clearview Parkway, Jefferson Parish: Project Principal for the Construction Engineering and Inspection Services which included pavement patching, superpave asphaltic concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, concrete walks, handicap curb ramps, striping, loop detectors, guard rail, and new drainage structures. Meyer worked hand in hand with the Contractor, DOTD, and the Jefferson Parish Engineering Department. Construction Cost: \$2.8M		
Project Start - Close: 07/23 - Present		State Project No. H.006459.6: Roundabout at Churchpoint and Roddy Roads: Project Principal for the Construction Engineering and Inspection Services for the roundabout at Churchpoint and Roddy Roads which includes removal of existing pavement and base, treatment of subgrade layer, soil cement base, milling, asphalt base/binder/friction course paving, PCC paving, temporary detour roads, embankment, and striping/signs along with combination curb and gutter, and new drainage. Construction Cost: \$2M (EST)		



16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Nicole B. Dunn, P.E.		Years of relevant experience with this employer	1
Title	Civil Engineer		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization			B.S. (Louisiana State University) / 2015 / Civil Engineering	
Active registration number / state / expiration date			P.E. #0044444 / LA / 09-30-2026	
Year registered	2020	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Lead Project Engineer / Meets MPR No. 3	
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).			
Ms. Nicole B. Dunn, P.E., has over ten years of experience in the field of DOTD Construction Projects, and will be the Lead Project Engineer. She has worked for LADOTD for the last ten years, the last seven of which she worked in District 61’s PE office, overseeing LADOTD projects in Ascension, Assumption, and St. James Parishes totaling over \$500M worth of road/bridge construction contracts. She is very knowledgeable of construction management resources and is proficient in numerous construction management software programs. Ms. Dunn is an ATTSA-certified Traffic Control Supervisor and Flagger.				
Project Start - Close: 12/24 – Present	State Project No. H.014913; LA-25: Washington Parish Sidewalks, Segment A: Project Engineer for the Construction Engineering and Inspection Services, for the Washington Parish sidewalk project consisting of removal and replacement of concrete sidewalks, Portland cement concrete pavement, drainage structures, and related incidental construction. This project consists of replacing 0.745 miles through the city of Franklinton to improve walkability within the city, and to increase ADA compliance while maintaining pedestrian access to local amenities. The original project scope also includes grading, tree protection, landscaping, and adjusting existing utility services. Construction Cost: ~\$774 K (Est.)			
Project Start - Close: 05/24 – Present	State Project No. H.012308; Cook Road Improvements Livingston Parish: Project Construction Manager, assisting with the Construction Management for the Cook Road Improvements project that will widen and extend the existing roadway into a four-lane boulevard. The roadway will be separated with a grass median including intermittent turn lane openings, subsurface drainage, and sidewalk improvements on both sides of the roadway and through a roundabout at LA Hwy. 16. The project will include a pair of concrete bridges crossing Gray’s Creek as well as a large drainage installation over the crossings of Gray’s Creek tributary.			
Project Start - Close: 05/24 – Present	State Project No. H.012752: LA 46 @ Weinberger Road St. Bernard Parish: Project Engineer on behalf of St. Bernard Port for the LA 46 at Weinberger Road project which realigns Weinberger Road southeast of its current location to facilitate cohesion with a future corridor. LA 46 is undergoing turn lane modifications and subsurface drainage installations. Weinberger Road’s pavement structure includes sections of both concrete and asphalt pavement in conjunction with working with the company’s railroad crossings. The type of item related work includes clearing and grubbing, grading, drainage structures, class II base course, asphalt concrete overlay, Portland cement concrete pavement, and related work.			
Project Start - Close: 05/24 – Present	State Project No. H.013520; Barringer Drive Sidewalks Tangipahoa Parish: Project Engineer on behalf of the City of Ponchatoula for the sidewalk and drainage project. This project focuses on installing a sidewalk footprint conforming to ADA standards while upsizing drainage structure to facilitate existing/future conditions. This type of item related work includes clearing and grubbing, grading, drainage structures, concrete walks, and related work.			



MEYER ENGINEERS, LTD. (NICOLE B. DUNN, P.E., RESUME) - CONTINUED	
Project Start - Close: 06/17 – 04/24	Project Engineer and Assistant Project Engineer (Brittany Office) Ascension, Assumption, Iberville, and St. James Parishes: Performed all Contract Administration on LADOTD construction projects. Preconstruction / Design: Identify the project scope with the designers in the earliest phases of the project, review plan sets, complete constructability reviews, and coordinate field meetings to address specific items or utility needs of the project. Construction Engineering / Construction Administration: Review project submittals, shop drawings, and coordinate traffic control needs/press releases; make adjustments for differing site conditions and complete change orders with specific attention to funding categories for estimate purposes; complete all stockpile material assessments/inputs into Site Manager throughout the progression of the project; reviewed diaries/estimates using Site Manager and Headlight; various construction tasks performed include checking drainage grades, analyzing all IRI data in Proval, and insuring plan intent and specifications are adhered to; managed inspection, construction office team, and equipment. Maintenance / Emergency Work: Emergency shift work included responding to debris events, high water, and ice/snow events; specific duties included reporting SITRep data, salting bridges, reporting impassible roadways, and overseeing aquadam installation.
Project Start - Close: 12/15 – 06/17	LADOTD Road Design: Designer for H.008312, LA 1042 Bridges near Greensburg (since PIH), converting projects to the current 2016 spec book. Designer for H.000263, Chef Menteur Pass Bridge and Approach using Microstation/InRoads.
Project Start - Close: 06/15 – 12/15	LADOTD Pavement and Geotechnical Section: Checked boring logs for soil classification accuracy. Developed soil profiles and performed pile designs on various off-system bridge projects throughout Louisiana. Assisted with multiple PDA tests on both concrete and steel piles. Worked alongside the geotechnical drill crew and the geotechnical lab.
Project Start - Close: 06/14 – 08/14	LADOTD Pavement Preservation Section: Created the Pavement Preservation Health Index for the 13-14 fiscal year. Collected data on the asphalt overlays used in various states in order to compare how Louisiana uses thin overlays.

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.					
Name	David H. Dupre, P.E.		Years of relevant experience with this employer	36	
Title	Vice President, Director of Engineering, Civil Engineer		Years of relevant experience with other employer(s)	3	
Degree(s) / Years / Specialization			B.S. (Louisiana State University) / 1984 / Civil Engineering		
Active registration number / state / expiration date			P.E. #0023422/ LA / 03-31-2026		
Year registered	1989	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			QA & QC Manager / Civil Engineer / Meets MPR No. 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).				
Mr. David H. Dupre, P.E. is a Principal and a Professional Civil Engineer, registered in the State of Louisiana. He is involved with all aspects of administering engineering projects which include client contact, cost estimates, design, quality control, construction administration, preparation of reports, plans and specifications. He participates in most facets of Civil Engineering design including roads, bridges, drainage, sanitary sewer, water and structural. He was the 2020-2021 former Chairman of the Board of the American Council of Engineering Companies Louisiana (ACECL) and the former New Orleans Chapter President. In 2016, he was honored in receiving the Outstanding Civil Engineer award from the New Orleans Branch of the ASCE. He is also a member of SAME, ASCE, APWA, CMAA and LES. He has designed projects in accordance with DOTD's "Roadway Design Manual", "Hydraulics Manual", "Bridge Manual", "Complete Streets Manual", and the "Louisiana Standard Specification for Roads and Bridges". He is certified in Local Public Agency Qualification Core Training, Construction Engineering and Inspection (CE&I) Training, Project Planning, Feasibility & Application Workshop, Project Design and Delivery Training. He completed the Designing Streets for Pedestrian & Bicycle Safety Workshop. Mr. Dupre is a LADOTD-certified Traffic Control Supervisor and Flagger.					
Project Start - Close: 07/12 – 09/22	State Project No. H.009770; St. John Mississippi River Trail – Phase III and IV, St. John the Baptist Parish: Phase III: Provided Construction Administration Support for the 10' wide asphalt multi-use trail in Reserve from East 29th Street to West 10th Street. The trail which was constructed near the toe of the levee to avoid conflicts with the annual Christmas bonfires on top of the levee. The work also included a pedestrian crossing on River Road, drainage, benches, signage, and striping. The construction cost was \$1.3M. Phase IV: Provided Construction Administration Support for the for the 10' wide asphalt multi-use trial on the East Bank Mississippi River levee from Reserve to the St. James Parish line. Most of the trail is on top of the levee; however, portions of the trail are near the toe of the levee to avoid industry conflicts. The work also included drainage, a ramp, a pedestrian crossing, signage, and striping. The asphalt trail consisted of 4" asphalt on top of base course. The asphalt trail will accommodate Levee Board vehicles for maintenance and inspection of the levee. Construction Cost: \$2.3M				
Project Start - Close: 11/15 – 12/18	State Project No. H-971845-1; Wisner Boulevard Shared Use Path, Orleans Parish: Project Manager for the 10' wide concrete path for bicycles and pedestrians along Wisner Boulevard. The path is on the Bayou St. John side of Wisner Boulevard and begins at the termination of the existing bike path, north of I-610 and ends at Esplanade Avenue. The project included coordination and design striping for street crossings of the shared use path along Bayou St. John and the implementation of future traffic signals. He coordinated with the City of New Orleans Public Works, New Orleans Traffic Engineering, Regional Planning Commission, DOTD District 02, and New Orleans City Park Officials. Construction Cost: \$410K				
Project Start - Close: 11/16 – 06/18	State Project No. H.007265.6; St. Charles Avenue (LA Ave. – Calliope Street), Orleans Parish: Provided Construction Administration Support for the Construction Engineering and Inspection Services for St. Charles Avenue which included pavement patching, superpave asphaltic concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, clearing and resealing existing joints, concrete walks, handicap curb ramps, striping, loop detectors, temporary detour roads and tree protection. Construction Cost: \$3.6M				
Project Start - Close: 03/12 – 11/13	State Project No. H.007209.6; West Esplanade/Clearview Parkway Intersection, Jefferson Parish: Project Engineer for the rehabilitation of Clearview Parkway at West Esplanade. The work included 8" thick portland cement concrete pavement restoration and a complete replacement of the drainage lines leading to the newly constructed triple barrel box culvert (278') and new double U-turn-lane. Also included was excavation and embankment, asphalt concrete, grading, base course, concrete, sidewalks, lighting, signalization, water, pavement markings, guard rail systems, and utility adjustments. Construction Cost: \$3.7M				

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.					
Name	Alec J. Simonson, P.E.		Years of relevant experience with this employer	7	
Title	Civil Engineer		Years of relevant experience with other employer(s)	N/A	
Degree(s) / Years / Specialization			B.S. (Louisiana State University) / 2017 / Civil Engineering		
Active registration number / state / expiration date			P.E. #0045838 / LA / 03-31-2026		
Year registered	2021	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Construction Administrator / Civil Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
Mr. Alec J. Simonson, P.E. , has over seven (7) years of engineering experience and will provide Construction Administration support for this contract. He is proficient in various computer programs and has experience in document management for all project phases, creating and modifying drawings, and collaborating with engineers to ensure adherence to specifications and standards. He is a LADOTD certified Traffic Control Supervisor and Flagger.					
Project Start - Close: 06/23 – Present	State Project No. H.013813.6; Vintage Dr. Multi Use Path: Power – Wilson, Jefferson Parish: Assistant Project Engineer for the Construction Engineering Services for the Vintage Drive Multi Use Path from Power Boulevard to Wilson. The work consists of grading, drainage, landscaping, lighting, and a concrete path. Construction Cost: \$1.8M (EST)				
Project Start - Close: 05/20 – 06/22	State Project No. H.011845; St. John EB Miss River Trail, Phase 4, St. John the Baptist Parish: Project Engineer for the Construction Inspection Services for the St. John EB Miss River Trail, Phase 4. This 10’ wide asphalt multi-use trail is on the East Bank Mississippi River Levee from Reserve to the St. James Parish line. The work includes drainage, a ramp, a pedestrian crossing on River Road, signage, and striping. He assists with Site Manager and performs payroll review in AASHTOware. Construction Cost: \$2.3M (EST)				
Project Start - Close: 01/16 – 06/20	State Project H.011835.6; LA 25 Washington Parish SW, Seg B and C, Washington Parish: Project Engineer for the Construction Inspection Services for the Washington Parish Sidewalk Project in Franklinton, Louisiana. The project consisted of 4,000 LF of 6’ wide decorative concrete sidewalks along Cleveland Street, Main Street (LA 25), Ellis Street, Washington Street (LA 10), Pearl Street and Jackson Street. He assisted with Site Manager and performed payroll review in AASHTOware. Construction Cost: \$453K				
Project Start - Close: 03/19 – 05/20	State Project No. H.012783 (CE&I); WB Veterans: Severn Ave – Clearview Pkwy, Jefferson Parish: Assistant Project Engineer for the Construction Engineering Services for Westbound Veterans Boulevard (Severn Avenue – Clearview Parkway) in Jefferson Parish which included pavement patching, superpave asphalt concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, concrete walks, handicap curb raps, striping, loop detectors, guard rail, and new drainage structures. He assisted with Site Manager and performed payroll review in AASHTOware. Construction Cost: \$2.9M				
Project Start - Close: 05/17 – 06/19	State Project No. H.00717; Lapalco (Victory – Westwood), Jefferson Parish: Assistant Project Engineer for the Construction Engineering Services for the Lapalco (Victory – Westwood) project. The project included widening the four-lane section of Lapalco Boulevard from Victory Drive to Westwood Drive by adding a median. The work included clearing and grubbing, grading, drainage structures, milling, asphalt pavement, patching, class II base course, and related work. He assisted with Site Manager and performed payroll review in AASHTOware. Construction Cost: \$6.9M				
Project Start - Close: 08/15 – 05/18	State Project No. H.007331; Pakenham Drive (LA 46 – LA 39); St. Bernard Parish: Assistant Project Engineer for the Construction Engineering Services for Pakenham Drive (LA 46 – LA 39) road reconstruction on Pakenham Drive, Jackson Boulevard, Courthouse Square, and Tyler Street. Work included constructing a new asphaltic concrete roadway with curb and gutter, sidewalks, and subsurface drainage. Work also included removing the existing roadway, and constructing traffic signals, sewer lines and water lines. He assisted with Site Manager and performed payroll review in AASHTOware. Construction Cost: \$5.3M				



16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Tyler J. Gettys, P.E.		Years of relevant experience with this firm/employer	3
Title	Civil Engineer		Years of relevant experience with other firm(s)/employer(s)	4
Degree(s) / Years / Specialization			B.S. Civil Engineering, 2017, Louisiana State University	
Active registration number / state / expiration date			P.E. #0046806 / LA / 09-30-2026	
Year registered	2022	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Construction Administrator / Civil Engineer	
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
Mr. Tyler J. Gettys, P.E. has over seven (7) years of engineering experience and will assist with engineering design and CADD drafting. His experience includes roadway design, bridge replacements, safety projects, roundabouts, and signalized intersections. He has developed typical sections, summary of quantities, design plan and profiles, geometric details/graphical grades, pavement marking/signing sheets, sequencing of construction and detour signing, diversion bridges and cross sections. He is proficient in Bentley Software Systems including MicroStation, Inroads & ProjectWise, AutoTURN, IHSDM Safety Predictive Analysis, AASHTO Ware Project Preconstruction Software, AutoCAD, GIS systems, HYDRWIN Hydraulic Software and Watershed Modeling System (WMS).				
Project Start - Close: 09/22-Present	State Project No. H.014374 US 11 and Spartan Roundabout, St. Tammany Parish; Role: Project Engineer Assisting with the design, plan preparation, and construction administration for the US 11 at Spartan Drive project located in Slidell. The LADOTD Urban Systems project includes the construction of a roundabout to replace the existing 4-way signalized intersection. The Meyer team is tasked with designing the roundabout at the intersection as well as the full roadway reconstruction for road approaches to both US Hwy. 11 and Spartan Drive.			
Project Start - Close: 01/18-Present	State Project No. H.013850 Duplessis Road Safety Widening, Ascension Parish; Role: Project Engineer Assisting with the design for the Duplessis Road Safety Widening Project. Duplessis Road is categorized as an Urban Collector Roadway that provides a connection between major LA DOTD roads: Airline Highway (US 61) and Old Jefferson Highway (LA Highway 73). As part of the Move Ascension roadway improvement program, Meyer is tasked with designing the full roadway reconstruction of the 1.65-mile portion of the road to widen the road from 18’ wide to 26’ wide (two (2) 11’ lanes and two (2) 2’ wide paved shoulders). The roadway and shoulder safety widening will aid in vehicle recovery and provide a safer roadway for traveling motorists. Also included in this project is the drainage design and layout of the new subsurface and roadside ditch sections. Construction Cost: ~\$5.2M (EST)			
Project Start - Close: 01/21-04/23	Jefferson Highway at Bluebonnet Boulevard, East Baton Rouge Parish; Role: Project Engineer Assisted with the design of the Jefferson Highway Bluebonnet intersection project. As part of the MOVEBR Program, the project included extending the north and south bound left and right turn lanes on Bluebonnet. Other work included drain inlet structures, driveways, and light pole relocation. Construction Cost: ~\$940 K			
Project Start - Close: 2018-2021	Mr. Gettys previously worked for the Louisiana Department of Transportation and Development (LADOTD) (2018-2021), where he was a Roadway Designer who designed/developed roadway plans. Below are projects he worked on with LADOTD: State Project No. H.012852: I-20 WB Off Ramp at LA 617, Ouachita Parish: I-20WB Off Ramp is classified as an Urban Ramp Roadway that provides connectivity between the major LADOTD and US Routes of LA 617 and US I-20. As part of the LADOTD Safety Program, the I-20 WB ramp was selected to have a signalized right turn lane added at the intersection of the ramp and LA 617. Additionally, the existing right turn lane was modified from a yield condition to a signalized one providing a total of two signalized right turn lanes. The roadway safety and widening and signalization aids in reducing rear end crashes at the intersection. The project consisted of PCCP, base course, roadway striping, and new curb and gutter. Construction Cost: ~\$800K State Project No. H.001140: LA 124: Hooter Creek Bridge, Catahoula Parish: The project consisted of spot replacing asphalt roadway, base course, grading, and a concrete slab span bridge. Construction Cost: ~\$1.7M State Project No. H.012052: LA 3092 Roundabout Calcasieu Parish: The project consisted of a PCCP roundabout, drainage structures, base course, detour roadways, grading, curb, and gutter. Construction Cost: ~\$2.3M (EST)			





16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Shawn Woodward		Years of relevant experience with this employer	8
Title	Construction Manager		Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization			B.S. (University of New Orleans) / 2005 / Civil Engineering	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Construction Manager	
				
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).			
Mr. Shawn Woodward has over nineteen (19) years of experience as a Construction Administrator. He has a wide variety of construction administration experience on all types of commercial, public, and residential projects. His experience includes pre-construction meetings, project meetings, field observations, shop drawing review, pay request evaluation, change order evaluation, and multiple other field tasks. He assesses the presented field items on a timely basis to keep the construction progressing within the prescribed period. He has managed USACE construction projects ranging from \$2M to \$40M. The projects consisted of bridges, pump stations, concrete floodwalls, h-pile, and timber pile driving, levee embankment, asphalt pavement, temporary retaining structures, storm drains, and sanitary sewers. His duties included monitoring personnel and status reporting with emphasis on time management, performing quality assurance, safety, and environmental checks.				
Project Start - Close: 10/22 – 05/24	Broadmoor & Freret WLRP Transmission Mains (TM003) Orleans Parish Providing Construction Administration for upgrading the water line transmission mains on South Claiborne Avenue between Jefferson Avenue and Napoleon Avenue. Approximately 2,000 LF of ductile iron water main will be installed using open cut construction, and 1,000 LF of 30" ductile iron water main will be installed using a swage lining process utilizing an existing pipe. Removal and replacement of composite pavement roadway and associated curbs will be required for the installation of the 48" transmission main, as well as a detour plan for re-routing traffic during construction. Construction Cost: ~\$6.2M (EST)			
Project Start - Close: 02/24 – Present	Lower Ninth Ward Northeast Group C (RR105) Orleans Parish Providing Construction Administration for the Sewerage & Water Board water lines designed by Meyer. Duties include coordination with the Sewerage & Water Board, change orders, requests for information, record drawings, attending bi-weekly meetings, etc.			
Project Start - Close: 07/24 – Present	Milan Group A (RR129) Orleans Parish Providing Construction Administration for the Sewerage & Water Board water lines designed by Meyer. Duties include coordination with the Sewerage & Water Board, change orders, requests for information, record drawings, attending bi-weekly meetings, etc.			
Project Start - Close: 07/20 – 06/24	Treme-Lafitte Neighborhood Infrastructure Rehabilitation Orleans Parish Providing Construction Administration for the infrastructure project of the Treme-Lafitte Neighborhood which consists of about 200 blocks bounded by Esplanade Avenue, St. Louis Street, N. Broad Street, and N. Rampart Street. The infrastructure rehabilitation project consists of the repair or complete replacement of roadway pavement, curbs, sidewalks, and driveways damaged by Hurricane Katrina. The project also consists of the upgrading of the water line system including modifications to the existing system and upgrading or constructing handicapped ramps at intersections to bring the neighborhood up to current ADA standards. Construction Cost: ~\$5.8M (EST)			
Project Start - Close: 07/20 – Present	Lower Ninth Ward South Group A (RR112) Orleans Parish Providing Construction Administration for the Sewerage & Water Board water lines designed by Meyer. Duties include coordination with the Sewerage & Water Board, change orders, requests for information, record drawings, attending bi-weekly meetings, etc.			
Project Start - Close: 07/20 – Present	Lower Ninth Ward Northwest Group B (FRC) (RR109) Orleans Parish Providing Construction Administration for the Sewerage & Water Board water lines designed by Meyer. Duties include coordination with the Sewerage & Water Board, change orders, requests for information, record drawings, attending bi-weekly meetings, etc.			

MEYER ENGINEERS, LTD. (SHAWN WOODWARD, RESUME) - CONTINUED	
Project Start - Close: 04/24 – Present	David Drive Water Storage Tank Jefferson Parish Performed Construction Administration for the improvement to the existing multi-leg elevated 1,000,000-gallon water storage tank. The work includes repairs, modifications, and improvements to the exterior and interior tank components, and sandblasting and coating the interior and exterior of the tank with a TNEMEC Protective Coating System. Construction Cost: ~\$1.1M (EST)
Project Start - Close: 01/25 – Present	US 190 Pump Station Force Main Upgrade St. Tammany Parish Performed Construction Administration for the installation of approximately 3,600' of a new 16" HDPE DR 11 force main from the US 190 Lift Station to the sewer treatment plant in Covington, Louisiana. The force main will be installed using directional drilling and open cut. The project also includes upsizing piping at the US 190 lift station from 8" to 10" with all new valves. Construction Cost: ~\$1.4M (EST)
Project Start - Close: 10/21 – 03/24	Jefferson Parish Drainage Improvements at Lime Street Jefferson Parish Performed Construction Administration for drainage improvements and street reconstruction for Lime Street from W. Esplanade Avenue to Veterans Boulevard. Construction Cost: ~\$7M (EST)
Project Start - Close: 09/22 – 10/23	Citrus Boulevard Drainage Improvements Jefferson Parish Performed Construction Administration for the street reconstruction for approximately 5,000 LF of Citrus Boulevard between Dickory Avenue and Elmwood Park Boulevard. The project consists of the removal of the existing roadway surface, installation of sand base as required, and 9" thick concrete pavement with concrete curbs. The work shall also include drainage, sewer, and water structures that are within the roadway limits. Concrete driveways and concrete turnouts at intersections shall also be removed and replaced. Sidewalk ADA curb ramps shall be included at all intersections as necessary. Construction Cost: ~\$5M (EST)

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Justin Bosarge		Years of relevant experience with this employer	8
Title	Lead Construction Inspector		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization			Diploma (2002)	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Lead Construction Inspector	
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).		
Mr. Justin Bosarge is a DOTD Certified Inspector with over seventeen years of experience in road construction. He will perform Construction Inspection Services. He is certified in Designing Pedestrian Facilities for Accessibility, LADOTD certified in Embankment and Base Course, Portland Cement Concrete (PCC) Paving, Asphalt Paving, Structural Concrete, and a LADOTD Certified Traffic Control Supervisor and Flagger. He is well versed in DOTD’s construction software Site Manager and HeadLight.				
Project Start - Close: 05/23 – Present		State Project No. H.001498; DOTD District 02 Project LA 24 and LA 316: Company Canal Bridge, Terrebonne Parish: Inspector for the Construction Engineering and Inspection Services for construction of a new vertical lift bridge over the Company Canal on LA 24 at new operator’s house. The new vertical lift bridge will be built on existing alignment. Duties include maintaining all construction field records; making daily entries in the project dairy, coordinating with DOTD and appropriate utility representatives, inspecting the contractor’s construction operations (daily) to ensure that all work is being performed in accordance with the plans and specifications; keeping clear and concise records of contractual operations; and preparing final estimate packages, including Form 2059 “Summary of Test Results” in conformance with DOTD requirements. Construction Cost: ~\$28M (EST)		
Project Start - Close: 05/23 – Present		State Project No. H.006457; Roundabout at PR 929 and Parker Roads, Ascension Parish: Lead Inspector for the Construction Engineering and Inspection Services for the Roundabout at PR 929 and Parker Roads which includes removal of existing pavement base, treatment of subgrade layer, soil cement base, milling, asphalt base/binder/friction course paving, PCC paving, embankment, and striping/signs along with combination curb and gutter, and new drainage. Meyer is working hand in hand with the Contractor, DOTD, and the Ascension Parish Engineering Department. Construction Cost: ~\$2.4M (EST)		
Project Start - Close: 03/19 – 11/19		State Project No. H.012783.6; DOTD District 02 Project WB Veterans: Severn Avenue – Clearview Parkway, Jefferson Parish: Lead Inspector for the Construction Engineering and Inspection Services which included pavement patching, superpave asphaltic concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, concrete walks, handicap curb ramps, striping, loop detectors, guard rail, and new drainage structures. Construction Cost: ~\$2.8M		
Project Start - Close: 07/23 – Present		State Project No. H.006459; Roundabout at Churchpoint and Roddy Roads, Ascension Parish: Lead Inspector for the Construction Engineering and Inspection Services which includes removal of existing pavement and base, treatment of subgrade layer, soil cement base, milling, asphalt base/binder/friction course paving, PCC paving, embankment, and striping/signs along with combination curb and gutter and new drainage. Construction Cost: ~\$2M (EST)		
Project Start - Close: 05/17 – 09/19		State Project No. 007175; DOTD District 02 Project Lapalco (Victory – Westwood), Jefferson Parish: Inspector for the Construction Engineering and Inspection Services for widening the four-lane section of Lapalco Boulevard from Victory Drive to Westwood Drive by adding a median. The work also consisted of clearing and grubbing, grading, drainage structures, milling, asphalt pavement, patching, class II base course, and related work. Duties included gathering and organizing samples and documentation for the DOTD approved sampling plan and 2059, inspecting construction activities in the field, documenting field operations in field books and Site Manager system, measuring, and verifying quantities with contractor, coordinating field testing as required, and maintaining record drawings. Construction Cost: ~\$6.9M		



MEYER ENGINEERS, LTD. (JUSTIN BOSARGE, RESUME) - CONTINUED	
Project Start - Close: 11/15 – 12/18	State Project No. H.007351; DOTD District 02 Project Country Drive Widening Phase A (Jeff Drive to Presque Isle Drive), Terrebonne Parish: Lead Inspector for the Construction Engineering and Inspection Services which included the complete reconstruction and widening of 7,300 LF of Country Drive. Work also included clearing and grubbing, drainage structures, cold planing asphaltic concrete, pavement patching, class II base course, superpave asphaltic concrete pavement, and traffic pavement markings. Traffic was maintained on this busy street. Construction Cost: \$3.9M
Project Start - Close: 11/16 – 08/18	State Project No. H.007265.6; DOTD District 02 Project St. Charles Avenue (LA Ave. – Calliope Street): Lead Inspector for the Construction Engineering and Inspection Services which included pavement patching, superpave asphaltic concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, clearing and resealing existing joints, concrete walks, handicap curb ramps, striping, loop detectors, temporary detour roads and tree protection. Construction Cost: \$3.6M
Project Start - Close: 08/15 – 05/18	State Project No. H.007331; DOTD District 02 Project Pakenham Drive (LA 46 – LA 39), St. Bernard Parish: Lead Inspector for the Construction Engineering and Inspection Services which included constructing a new asphaltic concrete roadway with curb and gutter, sidewalks, and subsurface drainage. Work also included removing the existing roadway, constructing traffic signals, sewer lines and water lines. Construction Cost: \$5.3M
Project Start - Close: 10/16 – 05/18	State Project No. H.001413.6 (CE&I); DOTD District 02 Project LA 18 (4th Street Extension – Burmaster), Jefferson Parish: Inspector for the Construction Engineering and Inspection Services for LA 18 (4 th Street Extension – Burmaster). The project included new construction including grading, concrete pavement, curbs, base course, and subsurface drainage. Additional work included clearing and grubbing, drainage structures , sidewalks, landscaping, light poles, and traffic pavement markings. Duties included utilizing DOTD's Site Manager Program and coordinating with DOTD . Also reviewed and managed shop drawings and requests for information. The final submittal package was submitted to the DOTD Construction Audit Section including Form 2059 and as-built drawings. Construction Cost: \$7.2M

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Byron Mackey		Years of relevant experience with this employer	7
Title	Construction Inspector		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			B.S. (Louisiana State University) / 2009 / Construction Management	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Construction Inspector	
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).			
Mr. Byron Mackey is a DOTD Certified Inspector with over thirteen years of experience in road construction. He will perform Construction Inspection Services. He is LADOTD Certified in Embankment and Base Course, Portland Cement Concrete (PCC) Paving, Asphalt Concrete Paving, Structural Concrete, and is a LADOTD Certified Traffic Control Technician and Flagger. He is well versed in DOTD's construction software Site Manager and HeadLight.				
Project Start - Close: 02/23 – Present	State Project No. H.013365; DOTD District 02 Project LA 45/LA 303 Rosethorne Path (Lafitte), Jefferson Parish: Construction Inspector for the Construction Engineering and Inspection for the path which includes an approximately 10,000' 6' wide concrete path along the east side of LA 45 (Jean Lafitte Blvd.) in the vicinity of Rosethorne Park and the Lafitte Fire Station. Striping, signage, and drainage modifications are included in this project. Construction Cost: ~\$1.2M (EST)			
Project Start - Close: 01/23 – Present	State Project No. H.013525; DOTD District 02 Project St. Bernard 40 Arpent Trail: Construction Inspector for the Construction Engineering and Inspection Services for the construction of an approximately 47,610 LF asphalt bicycle-pedestrian path along the 40 Arpent Levee from Arabi to the Violet Canal. The project also includes construction of two bicycle-pedestrian bridges across the 40 Arpent Canal. Construction Cost: ~\$7.9M (EST)			
Project Start - Close: 09/22 – 10/23	Citrus Boulevard Improvements, Jefferson Parish: Construction Inspector for the Construction Engineering and Inspection Services for street reconstruction for approximately 5,000 LF of Citrus Boulevard between Dickory Avenue and Elmwood Park Boulevard. Construction consists of the removal of the existing roadway surface, installation of sand base as required and 9" thick concrete pavement with concrete curbs. Construction shall also include the adjustment of drainage, sewer, and water structures that are within the roadway limits. Concrete driveways and concrete turnouts at intersections shall also be removed and replaced. Construction Cost: ~\$5.4M (EST)			
Project Start - Close: 10/16 – 05/18	State Project No. H.001413.6; DOTD District 02 Project LA 18 (4 th St. Ext. – Burmaster): Lead Inspector for the Construction Engineering and Inspection Services for the new construction on LA 18 which included grading, concrete pavement, curbs, base course, and subsurface drainage. Additional work included clearing and grubbing, drainage structures, sidewalks, landscaping, light poles, and traffic pavement markings. Construction Cost: ~\$7.2M			
Project Start - Close: 08/15 – 05/18	State Project No. H.007331; DOTD District 02 Project Pakenham Drive (LA 46 – LA 39), St. Bernard Parish: Construction Inspector for the Construction Engineering and Inspection Services for the road reconstruction on Pakenham Drive, Jackson Boulevard, Courthouse Square, and Tyler Street. The work includes constructing a new asphaltic roadway with curb and gutter, sidewalks, subsurface drainage, removing the existing roadway, construction traffic signals, sewer lines, and water lines. He performed weekly progress meetings, negotiated, and processed change orders, updated DOTD's Site Manage Program, and reviewed all Requests for Information (RFI). Construction Cost: ~\$5.3M			
Project Start - Close: 03/19 – 11/19	State Project No. H.012783.6 DOTD District 02 Project WB Veterans: Severn Avenue – Clearview Parkway, Jefferson Parish: Construction Inspector for the Construction Engineering and Inspection Services which included pavement patching, superpave asphaltic concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, concrete walks, handicap curb ramps, striping, loop detectors, guard rail, and new drainage structures. Construction Cost: ~\$2.8M			
Project Start - Close: 01/21 – 12/21	State Project No. H.009804.6; DOTD District 02 Project South Williams Boulevard Street Scaping, Jefferson Parish: Construction Inspector for the Construction Engineering and Inspection Services for South Williams Boulevard Streetscaping which included removal of standard concrete sidewalk pavement and replacing with decorative sidewalk pavers, handicap ramps, decorative striping along with combination curb and gutter and incidental drainage. Construction Cost: ~\$660K			





16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.			
Name	James "Harry" Cole	Years of relevant experience with this employer	<1
Title	Lead Construction Inspector	Years of relevant experience with other employer(s)	21
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Construction Inspector	
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).		
Mr. James "Harry" Cole is a DOTD Certified Inspector with over twenty years of experience in LADOTD construction engineering and inspection. Mr. Cole will perform Construction Inspection Services. He is LADOTD certified in Embankment and Base Course, Portland Cement Concrete (PCC) Paving, Asphalt Paving, Structural Concrete, and a LADOTD Certified Traffic Control Supervisor. He is well versed in DOTD's construction software Site Manager and Headlight Fieldbook/Materials/Sampling Plan.			
Project Start - Close: 07/20 – 12/24	State Project No. H.009481 and H.009481A; LA-20 Bayou Chevreuil Bridge, St. James Parish: Inspector for the Construction Engineering and Inspection Services of both the original contract and project scope documented via force account. The scope of the project included replacing the existing flat deck structure over Bayou Chevreuil with a new wider and longer structure that will be built along the same horizontal alignment as the current one. During construction, phasing included utilizing a temporary diversion "ACROW" bridge requiring routine structural inspections. The project also included asphalt mill, overlay, and widening to transition the alignment to the future widening of the LA 20 corridor. Construction Cost: Est. \$12M (H.009481) and \$17M (H.009481A)		
Project Start - Close: 05/21 – 04/24	State Project No. H.009484.6; LA-75: Bayou Breaux Bridge, Iberville Parish Lead Inspector for the Construction Engineering and Inspection Services. The project scope replaced the existing structure over Bayou Breaux with an bridge accommodating a flattened superelevated curve. Items included clearing and grubbing, removal of concrete bridge, grading, drainage structures, milling asphalt concrete, pavement patching, class II base course, lime treatment, asphalt concrete pavement, precast concrete piles, concrete slab span bridge, and related work. Construction Cost: \$2.1M		
Project Start - Close: 08/18 – 01/22	State Project No. H.011314.6; LA-22: Near I-10 Geometric Improvement, Ascension Parish: Lead Inspector in Drainage and Asphalt Operations for the Construction Engineering and Inspection Services. The existing T intersection of LA 22 and LA 70 was replaced by a roundabout and J turn configurations to better accommodate motorists traveling through LA 22, I-10, and the Sunshine Bridge (LA 70). Asphalt and drainage installation phasing was utilized to maintain access within the corridor and accommodate heavy truck/industry traffic. Construction Cost: \$6M		
Project Start - Close: 09/18 – 06/19	State Project No. H.011490.6; Turn Lanes @ S. Purpera & S. Hodgeson, Ascension Parish: Lead Inspector for the Construction Engineering and Inspection Services. The scope of this project included widening the existing intersection while creating designated turn lanes for protective left turn movements. Asphalt phasing and striping configurations were a critical component in the project execution. Construction Cost: \$926K		
Project Start - Close: 08/17 – 09/18	State Project No. 011897.6; LA-30 Ashland Rd. To Tanger Blvd, Ascension Parish: Inspector for the Construction Engineering and Inspection Services. This project widened LA 30, south of I-10, to Ashland Road in order to address high traffic volumes during peak hours. The widening efforts resulted in extensive drainage improvements while navigating utility relocations at right of way limits. Construction Cost: \$6.9M		



MEYER ENGINEERS, LTD. (JAMES "HARRY" COLE, RESUME) - CONTINUED	
Project Start - Close: 07/16 – 09/18	State Project No. 010680.6; I-10: Cable Barrier In WBR & Iberville: Inspector for the Construction Engineering and Inspection Services . This multi-parish project installed inside cable barriers along the I-10 corridor. Document control and tension testing were crucial during the contract duration. Construction Cost: \$3.8M
Project Start - Close: 01/14 – 09/17	State Project No. 010182.6; LA 42 Widening: Clear, Grub and Utility, Ascension Parish: Lead Inspector for the Construction Engineering and Inspection Services . In preparation for State Project No. H.002370.6: LA 42 Widening, this project included establishing purchased right of way and clearing the new right of limits of all structures, obstructions, utilities, and vegetation. Construction Cost: \$9.9M
Project Start - Close: 07/11 – 05/13	State Project No. H.009013.6; I-10 Median Cable Barrier - Districts 61, 62 and 02: Lead Inspector for the Construction Engineering and Inspection Services . This multidistrict project installed inside cable barriers along the I-10 corridor. Document control and tension testing were crucial during the contract duration. Construction Cost: \$3M

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Kyle Van Hoven		Years of relevant experience with this employer	15
Title	Construction Inspector		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Diploma		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Construction Inspector		
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).			
Kyle Van Hoven completed the USACE Safety and Health Requirements Test (EM 385-1-1) and the USACE Construction Quality Management Test, and is LADOTD Certified in Embankment and Base Course, Structural Concrete, Portland Cement Concrete Paving, Traffic Control Technician and Flagger. For the projects listed below he oversees the day-to-day progress, performs quality assurance inspections, holds toolbox safety meetings, tracks submittals, reviews pay requests, monitors testing requirements, prepares daily inspection reports, provides as-built drawings, narrative completion reports (NCR's) and provides input for contract disputes and modifications. He has worked on many DOTD Construction Engineering & Inspection (CE&I) projects and is well versed in Site Manager and HeadLight. Mr. Van Hoven is LA DOTD Certified in: Embankment & Base Course, Structural Concrete, and Portland Cement Concrete Paving. He is ATSSA Certified as a Traffic Control Technician and as a Flagger.				
Project Start - Close: 08/17 – 05/18	State Project No. H.007175: Lapalco (Victory-Westwood) Jefferson Parish; DOTD District 02 Project Lead Inspector for the project which consisted of widening the four-lane section of Lapalco Boulevard from Victory Drive to Westwood Drive by adding a median. The work also included clearing and grubbing, grading, drainage structures, milling, asphalt pavement, patching, class II base course, and related work. Duties included gathering and organizing samples and documentation for the DOTD approved sampling plan and 2059, inspecting construction activities in the field, documenting field operations in field books and Site Manager system, measuring and verifying quantities with the contractor, coordinating field testing as required, and maintaining record drawings. Construction Cost: \$6.9M			
Project Start - Close: 04/10 – 09/16	Gulf Intracoastal Waterway West Closure, USACE Construction Management Services Jefferson, Orleans & Plaquemines Parishes Lead Inspector for the \$1B project. The project consisted of a 225' sector gate, 5 hydraulic sluice gates, 5,700' concrete T-wall with concrete piling, and 9,000' of earthen levee. Total capacity for the pump station is 20,000 CFS. Process controls (SCADA) system is an integral part of the complex. The gate and pump stations within the intracoastal canal included a large, gated structure, protection cells to protect the structure from navigation impacts, and environmental loads. The project included deep sheet pile cut off walls, battered H piles, a pump station with large permanent cranes for moving pumping equipment and sector gate equipment. The project consisted of massive concrete and steel reinforced structures to resist environmental loads. The project also included 5-16 foot by 16-foot sluice gates, 4,200 LF of T-wall, two 8 foot by 8-foot water control structure gates, levee re-alignment, and Algiers canal dredging. He was the lead inspector for the government Project Manager Kenneth Crumholdt with USACE and Randy Oustalet with Meyer. Oversight of the massive concrete placement was of high importance during construction. He maintained daily reports while verifying contractor adherence to plans and specifications. Daily meetings with the contractor and daily safety inspections were performed.			
Project Start - Close: 01/21 – 10/23	Carrollton Phase 3 Floodwall Orleans Parish Construction Inspector for the project which involves building a combination of concrete floodwall and a deployable floodwall through the USACE District Office campus that ties into the existing levee on both sides of the district. The aluminum deployable sections of the floodwall will be stored at the USACE District site to be deployed during high river events or hurricanes. The work consisted of structural excavation, driving PZ-13 steel sheet pile, driving steel H-piles, underground utility modifications, steel embeds for deployable floodwall connections, reinforced structural concrete, structural backfill, embankment, concrete scour protection, concrete curbs and gutters, asphalt pavement, markings, and turf establishment. Construction Cost: \$9.3M (EST)			



MEYER ENGINEERS, LTD. (KYLE VAN HOVEN, RESUME) - CONTINUED	
Project Start - Close: 10/14 – 07/17	<u>NOV-13 Empire Floodgate Plaquemines Parish</u> Lead Inspector for the USACE for the new 196’ wide flood gate in Empire, Louisiana. The project consisted of dredging a temporary channel for marine traffic, then constructing a new sector gate with 1,350 LF of T-wall on each side to tie into the existing earthen levees. The project also included protective dolphins, storage platform, scour protection, and riprap berms. The project also included dewatering, piezometers, settlement plates, dredging and a closure gate for the CMAR Contract won by Kiewit/Pitman Joint Venture. Duties included overseeing mass and structural concrete placements, for the main structure and safe house, attending safety, coordination, and three phase quality meetings, monitoring contractor progress while documenting all corrective action, tracking time and materials on site, and reviewing pay estimated quantities with the Project Engineer. Other responsibilities included coordinating and organizing QA weld inspections, monitoring daily reports, test records, and proper documentation for all gate installation activities, and verifying Contractor adherence to project drawings, specifications, and approved submittals with daily inspection. Construction Cost: \$96M

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Sterling Hebert, III		Years of relevant experience with this employer	<1
Title	Construction Inspector		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		N/A		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Construction Inspector		
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).		
Sterling Hebert is a DOTD Construction Inspector, working under the guidance of several fully DOTD certified inspectors. Sterling has provided high quality and thorough inspection services for jobs containing grading, drainage, asphalt concrete pavement, PCC pavement, class II base course, concrete sidewalks, as well as other incidental construction related to these scopes of work. Sterling has obtained his Traffic Controller and Flagger certifications. He is adept in various DOTD construction software including Site Manager, Materials Manager and Headlight.				
Project Start - Close: 12/24 – Present	State Project No. H.014913; LA-25: Washington Parish Sidewalks, Segment A: Inspector for the Construction Engineering and Inspection Services, for the Washington Parish sidewalk project consisting of removal and replacement of concrete sidewalks, Portland cement concrete pavement, drainage structures, and related incidental construction. This project consists of replacing 0.745 miles through the city of Franklinton to improve walkability within the city, and to increase ADA compliance while maintaining pedestrian access to local amenities. The original project scope also includes grading, tree protection, landscaping, and adjusting existing utility services. Construction Cost: ~\$774 K (Est.)			
Project Start - Close: 07/24 – Present	State Project No. H.012752.6 LA-46 @ Weinberger Road Intersection: Inspector for the Construction Engineering and Inspection Services on behalf of Saint Bernard Port for the LA 46 at Weinberger Rd project which realigns Weinberger Rd southeast of its current location to facilitate cohesion with a future corridor. LA 46 is undergoing turn lane modifications and subsurface drainage installations. Weinberger Rd’s pavement structure includes sections of both concrete and asphalt pavement in conjunction with working with the RR compwany’s crossings. The type of item related work includes clearing and grubbing, grading, drainage structures, class II base course, asphalt concrete overlay, Portland cement concrete pavement, and related work. Construction Cost: ~\$1.7M (Est.)			



16. STAFF EXPERIENCE (CONTINUED)

Firm employed by: MEYER ENGINEERS, LTD.				
Name	Hunter Stewart		Years of relevant experience with this employer	<1
Title	Office Manager		Years of relevant experience with other employer(s)	>1
Degree(s) / Years / Specialization			B.S. / 2022 / Biological Sciences (Louisiana State University)	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Office Manager / Project Document Control / Construction Administrator	
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).			
Hunter Stewart has assisted the project engineer for various DOTD construction engineering and inspection projects performing various office manager and inspector duties. He is well versed in various DOTD construction software including Site Manager, Materials Manager, Headlight Fieldbook and Headlight Materials. Hunter has also obtained his ATTSA TCT/TCS and flagger certifications.				
Project Start - Close: 01/25 – Present	State Project No. H.014625.6: <u>DOTD District 02 Project</u> Terry Parkway: LA23 – US 90B, Jefferson Parish: Assisted the CE&I project engineer via reviewing diaries, authorizing DWRs, supervising and assisting inspectors, organizing meetings, cost estimate generation, drafting change orders, among other various office manager contract administration task. The scope of this project involved the replacement of concrete roadway panels, including concrete curb, sidewalks, pavement, catch basin and manhole adjustments, and pavement striping. Construction Cost: ~\$812 K (EST.)			
Project Start - Close: 01/25 – Present	State Project No. H.014334.6; <u>DOTD District 02 Project</u> Bonnabel Blvd: Metairie Rd – I-10, Jefferson Parish: Provided office manager services via reviewing DWRs, locking diaries, generating estimates, organizing meetings, generating change orders etc. Hunter served as a point of contact for the client, owner, and inspectors to provide throughout client-oriented support through all phases of construction. The original scope of this project consisted of: Milling asphalt pavement, asphalt concrete pavement, full depth concrete pavement patching, concrete curb, handicap ramps, pavement markings, and class II basecourse. Construction Cost: ~\$3.1M (EST.)			
Project Start - Close: 12/24 – Present	State Project No. H.014913; LA-25: Washington Parish Sidewalks, Segment A, Washington Parish: Construction Engineering and Inspection Services office manager, for the Washington Parish sidewalk project consisting of removal and replacement of concrete sidewalks, Portland cement concrete pavement, drainage structures, and related incidental construction. Hunter served as a point of contact for the client, provided document control, generated estimates, and otherwise assisted the project engineer. The original project scope also includes grading, tree protection, landscaping, and adjusting existing utility services. Construction Cost: ~\$774 K (EST.)			
Project Start - Close: 08/23 – 12/24	State Project No. H.012465; District 61 Flashing Yellow Arrow Phase III, Ascension, Assumption, St. James, and Iberville parishes: Hunter provided inspection services and as well as assisted the Project Engineer with various contract administration task and document control for FYA. This jobs scope consisted of traffic signalization, drilled shaft foundations, and related work spanning four parishes. Construction Cost: ~\$3.65M (EST.)			
Project Start - Close: 03/24 – 12/24	State Project No. H.010960; LA-30 Roundabouts @ Tanger Mall, Ascension Parish: Hunter assisted the Project Engineer as well as inspectors in providing material sampling support, document control, and assistance to the Project Engineer as directed. This project scope involved the construction of three roundabouts located along LA-30 at the intersections of I-10 westbound, I-10 eastbound, and St. Landry Avenue. Construction Cost: ~\$30M (EST.)			



16. Staff Experience:

Gresham Smith



**Herbert "Bert" Moore, II, P.E., PLS,
PTOE**
Traffic Engineering

	Herbert “Bert” Moore, II, P.E., PLS, PTOE Traffic Engineering		Years of experience with this firm/employer		10
			Years of experience with other firm(s)/employer(s)		16
Degree(s) / Years / Specialization			Bachelor of Science / 1999 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date			P.E.0031065 / LA / Exp. 9/30/26 PTOE 2728 / Exp. 9/30/26 PLS 5043 / LA / Exp. 9/30/26		
Year registered			2004(PE); 2009(PTOE); 2010(PLS)	Discipline	P.E./Civil, PLS, PTOE
Contract role(s) / brief description of responsibilities				Senior Traffic Engineer / Bert will oversee the entire project and support the Traffic Engineering Analyses tasks.	
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).			
Career		In his 25 years of experience as both as a consultant and as LADOTD’s District Traffic Operations Engineer for District 61, Bert has demonstrated his knowledge of LADOTD requirements and preferences, and proven adept at getting things done efficiently. Bert has spent the majority of his 24-year career working with the traffic signal system and ITS equipment in the Baton Rouge area, having performed design, operations, CE&I and maintenance duties on these systems			
1/19 – Ongoing		LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA <i>Project Executive</i>. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Bert is responsible for oversight of the entire project.			
10/18 – Ongoing		LADOTD, LCG Adaptive Traffic Signal System, Lafayette, LA <i>Project Executive</i>. Gresham Smith developed an Adaptive Traffic Signal System for the Lafayette Consolidated Government, which involved upgrading over 200 traffic signal controllers. In addition, 78 traffic signals will be upgraded to become adaptive traffic signals. This will be both the largest adaptive traffic signal system installed within the state of Louisiana. This project includes field inspection of over 200 traffic signals, design plans for 78 adaptive signals, implementation of a new EVP system, integration support, and before travel time studies. Bert is responsible for overseeing the, design of traffic signals, integration and QA/QC.			
4/19 – 5/20		LADOTD, ITS CE&I IDIQ, Task Order #2: Fiber Optic Mapping & Management, Ascension, East Baton Rouge, West Baton Rouge, Livingston and Terrebonne Parishes, LA <i>Principal</i>. Gresham Smith was tasked with expanding the Fiber Optic Mapping & Management system to various parishes. Bert was responsible for overall project coordination and team management.			
8/15 – 11/18		LADOTD, ITS Design & Implementation WO#4: I-10 Twin Span ITS-Orleans & St. Tammany Parishes, Statewide, LA <i>Project Executive</i>. Gresham Smith developed design plans along with specifications and cost estimates for the eight-mile I-10 Twin Span ITS project. The project retrofitted ITS equipment along the corridor utilizing existing fiber, electrical systems, cabinets, camera poles, a Dynamic Message Sign (DMS) structure, a communications hut and a bridge health system. Bert was responsible for the overall project management, QA/QC, traffic control plans, transportation management plan (TMP), constructability / biddability forms and cost estimates.			

7/16 – 7/18	LADOTD, ITS Design & Integration WO#5: I-12 Ramp Meter Upgrades, East Baton Rouge and Livingston Parishes, LA <i>Project Executive</i>. Gresham Smith was tasked with performing a feasibility assessment on the existing ramp meters along I-12. The assessment included reviewing the existing system components, determining status of functionality, performing best practices research, and developing recommendations and typical layouts. Bert's responsibilities included leading the field inspections, meeting with vendors and stakeholders, project management, QA/QC, and development of recommendations.
6/16 – 9/17	LADOTD, ITS Design & Integration WO#3: ATMS.Now Design and Integration, Statewide, LA <i>Project Executive</i>. Gresham Smith implemented a central traffic signal software system that would increase the Department's functionality with traffic signals, improve communications to field devices and allow the back-up of signal controller configurations at a central location. Bert's responsibilities included project management, QA/QC, workshop facilitation, functional requirement development, meeting with vendors and stakeholders, assisting and documenting the training performed by vendor and assisting with the system verification.
4/17 – 8/17	LADOTD, ITS Design & Implementation WO#8: Emergency Vehicle Preemption (EVP) Devices SEA, East Baton Rouge Parish, LA <i>Project Executive</i>. The City of Baton Rouge incorporated the upgrade of their existing Emergency Vehicle Preemption (EVP) system within an existing safety project. The existing EVP system was outdated, utilized line of sight equipment and not installed on all intersections within the city's jurisdiction. Gresham Smith was selected to develop a SEA to upgrade EVP equipment throughout the parish. Bert's responsibilities included workshop facilitation, stakeholder coordination, and QA/QC.
Certifications (See section 20)	• DOTD Traffic Engineering Analysis Process & Report – Modules 1, 2 and 3 • U.S. Department of Transportation Federal Highway Administration – DPFA Certification • LADOTD – Highway Safety Manual Workshop NCHRP 17-38 • Louisiana Local Technical Assistance Program – Regional Crash Data Workshop • American Traffic Safety Services Association –Traffic Control Supervisor, LA State Specific

16. Staff Experience:**Gresham Smith****Christina Florez, P.E.**

ITS / Street Lighting Design and Analysis

Years of experience with this employer

8

Years of experience with other employer(s)

15

Degree(s) / Years / Specialization		Bachelor of Science / 2001 / Electrical Engineering, Florida International University	
Active registration number / state / expiration date		PE.0038799 / LA / Exp. 9/30/26 PE 65603 / FL / Exp. 2/28/25	
Year registered		2014 (LA), 2007 (FL)	Discipline P.E./Electrical and Computer
Contract role(s) / brief description of responsibilities		Senior ITS Engineer / Christina will lead the Engineering Plans, Specifications and Construction Estimates and support the ITS / Systems Engineering Analyses and Technical Support During Construction tasks.	
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).		
Career	Christina has been a senior project manager/electrical engineer on complex ITS projects over the past 23 years. Her experience includes: ITS engineer of record on design-bid-build and design-build projects for multiple DOT clients, integrated corridor management (ICM) planning studies, ITS design and construction support, field inspection and testing, variable-speed-limit (VSL) system design, transportation systems management and operations, systems engineering analyses, incident management system (IMS), and reversible-lane plan development. Her ITS design projects included CCTV, DMS, radar detection, active traffic management, travel time systems, express lanes, communications, and electrical subsystems. Christina has been the Project Manager on various IDIQ and Task Order based contracts in Louisiana and Florida.		
10/21 – Ongoing	ALDOT, Statewide Regional Traffic Operations Program (RTOP) Program, Statewide, AL Project Manager . ALDOT’s RTOP will improve traffic flow, safety and travel time reliability through active arterial management strategies along multijurisdictional corridors. Gresham Smith is leading a team of consultants and contractors to deliver proactive signal operations and maintenance. As Project Manager, Christina is responsible for leading a team of signal consultants and contractors tasked with elevating the performance of the Birmingham metro-area arterials through active management of signals, maintenance and repair of signal systems and related ITS assets including communications, support for special events and emergencies, data collection and reporting, as well as coordination with ALDOT and local agencies.		
3/20 – Ongoing	TDOT, Traffic Studies, I-24 MOTION Test Bed, Davidson and Rutherford Counties, TN Lead Technical Advisor . TDOT established a test bed to better understand how vehicle automation and active traffic management impacts real world driving scenarios. Christina designed the communication and power infrastructure for the network. She also helped develop the systems engineering analysis, secured grant funding, designed, and supported the construction of the Test Bed which consisted of 276 cameras that generated 50TB+ of data daily.		
1/19 – Ongoing	LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA Project Manager . Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Christina is responsible for oversight of the entire project.		

2017 – 2020	FDOT D6 - SR 826/Palmetto Expy from E of NW 57th Ave to E of NW 42nd Ave, Miami, FL Project Manager/ITS EOR. Christina was responsible for project management, ITS design, segment coordination, discipline coordination, and QA/QC. The design included CCTV cameras, DMS, arterial DMS, MVDS, and Ramp Signaling, lightning protection, fiber optic communications network and power distribution system with stand-by generator. Responsibilities – Project Management, ITS Engineer of Record
2/17 – 10/17	LADOTD, ITS Design & Implementation WO#7: Signal Communications Upgrade Phase 1 – Systems Engineering Assessment (SEA), Various Locations, LA Project Manager. The project consists of modifications and upgrades of the existing infrastructure to provide connectivity to various signals. Christina was responsible for project management, ITS technical support, document development, including Concept of Operations and review, ITS regional architecture review and QA/QC.
9/16 – 9/17	LADOTD, ITS Design, Integration and System Verification Services, WO#3: ATMS.Now Design and Integration, Statewide, LA Senior ITS Engineer. Seeking to replace the existing obsolete system with a more unified traffic control system, the LADOTD upgraded to Trafficware's ATMS.Now, a central management system that unified the traffic signal systems statewide and allowed more effective and efficient monitoring and control. Christina's responsibilities included ITS technical support, training oversight and document review.
10/10 – 8/17	FDOT D6, ITS Support, Miami, FL Project Manager. Christina was responsible for coordination, management, and technical support of all engineering services for the on-call contract. The contract included multiple task orders to support FDOT's ITS program, including providing ITS reviews for the SR 826/I-75 Express Lanes, I-75 Segment AB Express Lanes, and I-75 Systems Integrator projects; supporting FDOT's oversight and review of the ITS component plans and specifications of the Port of Miami Tunnel project; updating server room as-builts; and providing support for contract negotiations on various projects, including Okeechobee Road design and Palmetto Express design projects.
12/15 – 3/17	MetroPlan Orlando - 2016 - 03 ITS Master Plan, Orlando, FL Project Manager, Senior Engineer. Responsible for the development of the ITS Master Plan that included determination of the ITS Vision, Goals and Objections, review and documenting the existing conditions, infrastructure and inventory, identifying ITS needs, identifying applicable ITS strategies, review of the regional ITS architecture, development of the Concept of Operations, and prioritization of the ITS Master Plan. Christina's responsibilities included project management, ITS technical support, development of ITS needs, and applicable ITS strategies, and development of concept of operations.
9/15 – 9/16	Broward County MPO, Integrated Corridor Management (ICM) Planning Study, Broward County, FL Project Manager/Senior ITS Engineer. Responsible for the development of project documents, including concept of operations, high level system requirements and implementation plan; coordination with various stakeholders and facilitation of multiple workshops. The project consisted of developing a ConOps, a high-level ICM requirements report, and an implementation plan for designing, constructing, integrating, operating, and maintaining the ICM system components with the sole purpose of improving the efficiency of the multimodal transportation system along the I-95 corridor.
2009 – 2016	FDOT D6 - Section 5 - SR 826 and SR 836 Interchange Reconstruction Design-Build, Miami-Dade County, FL Project Manager/ITS EOR. Responsible for systems engineering management documentation, development of the ITS master plan, project design, development of test plans, report preparation and post-design services. The design-build project includes the design, installation and upgrade of ITS components and subsystems, including fiber-optic and wireless communications, 30 CCTV cameras, 41 microwave detectors, six freeway DMSs and 18 arterial DMSs along both SR 826 and SR 836 and two separate power distribution systems. Responsibilities – Project Management, ITS Engineer of Record, Test Plans Development, Master Plan Development, SEA Document Development, Post-Design
2006	FDOT D4 - Districtwide ITS Consultant - Pompano Beach Parking Monitoring System, Broward County, FL ITS Engineer Intern. Responsible for assisting in the development of the parking monitoring system for the Pompano Beach park-and-ride lot as part of the districtwide contract. This system included the installation of driveway detectors, CCTV cameras, power, and wireless communications and development of software. Responsibilities – ITS Technical Support

16. Staff Experience

Gresham Smith				
 Julian Bordelon, P.E. ITS / Street Lighting Design and Analysis	Years of experience with this employer			6
	Years of experience with other employer(s)			2
Degree(s) / Years / Specialization		Bachelor of Science / 2018 / Electrical Engineering, Louisiana State University		
Active registration number / state / expiration date		P.E. 0047473 / LA / Exp. 9/30/25		
Year registered		2023 (LA)	Discipline	P.E./Electrical
Contract role(s) / brief description of responsibilities		ITS Engineer / Julian will lead the Technical Support During Construction task and support the Engineering Plans, Specifications and Construction Estimates task.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/22 – Ongoing	LADOTD, CEI H.013256, Scott to Lake Charles ITS, CEI, Lake Charles, LA Project Engineer . Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian is assisting in contract administration, inspection and testing oversight.			
10/20 – Ongoing	MDOT ITS, Meridian ITS Design, Meridian, MS TSM&O Engineer . Gresham Smith is developing a system engineering analysis, ITS design plans, and specifications for I-59/I-20 between the I-59 @ I-20 interchange and the Mississippi state line. The project will install new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, and a communications hub. Julian performed system engineering analysis, ITS design, voltage drop calculations, plans preparation, and field reviews.			
12/18 – Ongoing	LADOTD, LCG Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA Pre-Professional . Julian is responsible for field verification of traffic signal inventory (TSI) of LCG system, design plans for adaptive signal control intersections, and integration when the system is completed.			
1/19 – 3/24	LADOTD, CEI H.011500.6, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA Pre-Professional . Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian assisted in contract administration, inspection and testing oversight.			
12/18 – 10/22	TDOT, ITS Design Support Services WO#7: I-40 Nashville ITS Expansion, Nashville, TN ITS Systems Specialist . Julian is assisted with the electrical design and voltage drop calculations and back checking of plans.			
2/20 – 8/22	KYTC, I-Move Design-Build, Jefferson and Oldham Counties, KY Pre-Professional . The project includes the ITS design for CCTV cameras and Dynamic Message Signs (DMS) along I-265, I-71 and I-64 in Jefferson and Oldham Counties. Julian is assisting in the development of the typical details and plans preparation.			

1/19 – 12/22	LADOTD, ITS CE&I IDIQ, Task Order #2 & ITS CEI WO #4: Fiber Optic Mapping & Management, Ascension, East Baton Rouge, West Baton Rouge, Livingston, Terrebonne, Lafayette, Pointe Coupee, St. Landry and Rapides Parishes, LA Pre-Professional. Gresham Smith was tasked with expanding the Fiber Optic Mapping & Management system to various parishes. Julian was responsible for data entry, document development and quality control.
1/21 – 4/22	GDOT, ITS Design: I-285 @ I-20 East Interchange Design Build, Atlanta, GA Pre-Professional. Gresham Smith developed design plans along with specifications and cost estimates for the I-285 @ I-20 ITS project. The project removed existing ITS equipment and installed new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, and connections to existing communications hubs. Julian assisted with ITS design, voltage drop calculations, and plans preparation.
3/20 – 3/22	MDOT, SR601 ITS Design, Gulfport, MS ITS System Specialist. Gresham Smith developed system engineering analyses, ITS design plans, and specifications for two sections of the new SR601 between I-10 and 11th Street. The project installed new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, Bluetooth detection, radar detection, a communications hub, and a highway advisory radio. Julian performed system engineering analysis, ITS design, voltage drop calculations, and plans preparation.
2/18 – 9/21	LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA Pre-Professional. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian assisted with construction contract administration, field investigations, integration and testing, and construction inspection.
12/18 – 6/21	TDOT, ITS Design Support Services WO#8: Cumberland Plateau I-40 ITS Expansion, Cookeville, TN ITS Systems Specialist. Julian is assisted with the electrical design and voltage drop calculations and back checking of plans.
12/18 – 1/19	LADOTD, ITS Design & Implementation WO #6: Fiber Optic Mapping & Management, Statewide, LA Pre-Professional. For the statewide implementation of the Fiber Optic Mapping and Management System (NexusWorx), Julian was responsible for data entry, document development and quality control. This phase of the project included Tangipahoa, St. Tammany, St. John, and Orleans parishes and the Shreveport and Houma regions.
8/23 – Ongoing	City of Helena - Train Detection System, Helena, AL Project Engineer. Gresham Smith is designing and developing a train detection system and mobile app for three rail road crossings in Helena. Julian is responsible for device configuration, electrical design, site detailing, voltage drop calculations, and field reviews.
1/22 – Ongoing	MovEBR - ATMC & VDMS, Baton Rouge, LA Project Engineer. Gresham Smith performed a system engineering analysis to develop a redesign of the East Baton Rouge Traffic Engineering Office and the initial design of the East Baton Rouge Video Distribution Management System. Julian assisted with the system engineering analysis, stake holder workshop, concept of operations, high level design, and beta testing of the VDMS webpages.
9/20 – Ongoing	Jefferson Parish - Train Detection System, New Orleans, LA ITS Systems Specialist. Gresham Smith performed a system engineering analysis and concept of operations to develop a train detection system. Julian is responsible for developing the background functionality of train location prediction to send to the smart phone application.
12/18 – Ongoing	LA OTS, LADOTD, Video Distribution Management System (VDMS), Baton Rouge, LA Pre-Professional. Julian is providing ITS systems software maintenance and software development support for the statewide VDMS system which includes Baton Rouge, Houma, New Orleans and Shreveport.
Certifications (See section 20)	• DOTD Traffic Engineering Analysis Process & Report – Modules 1, 2 and 3 American Traffic Safety Services Association –Traffic Control Supervisor, LA State Specific

16. Staff Experience:

Gresham Smith				
	Ronnie Robinson, P.E. Senior Engineer			Years of experience with this firm/employer 8
				Years of experience with other firm(s)/employer(s) 33
Degree(s) / Years / Specialization		Bachelor of Science / 1982 / Civil Engineering, Louisiana State University		
Active registration number / state / expiration date		P.E.0024040 / LA / 3/31/26		
Year registered		1988	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities			Senior Transportation Engineer / Ronnie will assist with the roadway tasks.	
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).			
Career	Ronnie has 33 years of experience with the Louisiana Department of Transportation and Development. He worked 11 of his 16 years in construction as a project engineer, eight years as manager of the design and permit sections and nine years as administrator for the design, water resources, permit and materials testing section.			
11/22 -- Ongoing	LADOTD, CEI - H.013256 , Scott to Lake Charles ITS, CEI, Lake Charles, LA Project Engineer. Gresham Smith is providing Construction Engineering Inspection Services, including a project engineer, on-site daily/ nightly inspection and Technical construction inspection, throughout construction. Ronnie is responsible for Project Engineering activities including reviewing submittals and RFIs, coordinating with the contractor, designer, and LADOTD, and providing technical knowledge to LADOTD to ensure the successful construction of the project.			
1/19 – 3/24	LADOTD, CEI H.011500.6, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA Project Engineer. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Ronnie was responsible for Project Engineering activities including reviewing submittals and RFIs, coordinating with the contractor, designer, and LADOTD, and providing technical knowledge to LADOTD to ensure the successful construction of the project.			
7/16 – 3/17	LADOTD, ITS Design & Implementation, WO#5: I-12 Ramp Meter Upgrades, East Baton Rouge and Livingston Parishes, LA Engineer. Gresham Smith performed a feasibility assessment on the existing ramp meters along I-12 which included reviewing the existing system components, determining status of functionality, performing best practices research, and developing recommendations and typical layouts. Ronnie was responsible for conducting field traffic observations and compiling field notes.			
3/16 – 10/17	LADOTD, Farmerville State and Local Road Traffic Study, Farmerville, LA Senior Engineer. Gresham Smith was selected to perform a formal traffic study of all the intersections (57) within and around the City of Farmerville on both state and local routes. The project included data collection, safety/crash review, developing alternatives, analysis of existing and proposed conditions and benefit/cost analysis. Ronnie assisted with the development of alternatives and was responsible for developing construction cost estimates for various alternatives.			

16. Staff Experience:**Gresham Smith****Daniel Knott**

ITS Technician

	Daniel Knott ITS Technician		Years of experience with this employer		8
			Years of experience with other employer(s)		38
Degree(s) / Years / Specialization			IMSA / Traffic Signal Field Technician Level II, IMSA / Fiber Optics Level II, Light Brigade / Fiber Optic Design, Installation, and Maintenance		
Active registration number / state / expiration date			N/A		
Year registered			N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities				ITS Technician / Daniel will provide Technical Support for the traffic engineering tasks.	
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 – Ongoing	LADOTD, CEI - H.013256 , Scott to Lake Charles ITS, CEI, Lake Charles, LA ITS Technician – Lead. Gresham Smith is providing Construction Engineering Inspection Services, including a project engineer, on-site daily/ nightly inspection and Technical construction inspection, throughout construction. Dan is responsible for assisting with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed.				
12/18 – Ongoing	Lafayette Consolidated Government (LCG), Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA ITS Technician - Lead. Daniel supported field verification of LCG’s TSI, design plans for adaptive signal control intersections, and integration when the system is completed.				
12/17 – Ongoing	MDOT, ITS CEI, US 49 from Florence to Scale Area, Florence, MS ITS Technician - Lead. Gresham Smith is providing construction administration and inspection services on the ITS elements included in the US 49 from Florence to the Scale Area Project. Daniel is responsible in leading the daily field CE&I inspections, logging in the dailies, and implementing project requirements.				
5/17 – Ongoing	LADOTD, ITS Design and Implementation, WO#6: Fiber Optic Mapping and Management, Tangipahoa, St. Tammany, St. John and Orleans Parishes, LA ITS Technician - Lead. Daniel was responsible for drafting updates onto the master database.				
1/19 – 3/24	LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA ITS Technician - Lead. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Daniel assisted with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed.				
3/18 – 9/21	LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA ITS Technician – Lead. Daniel was responsible in leading the daily field CE&I inspections, logging in the dailies, and ensuring project requirements were followed.				

16. Staff Experience:**Gresham Smith****William “Bud” Smith**

ITS Technician

Years of experience with this employer

5

Years of experience with other employer(s)

39

Degree(s) / Years / Specialization

N/A

**Active registration number /
state / expiration date**

N/A

Year registered

N/A

Discipline

N/A

Contract role(s) / brief description of responsibilities

ITS Technician / Bud will provide Technical Support During Construction by performing field inspection and investigation.

**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 – Ongoing

LADOTD CEI - H.013256 , Scott to Lake Charles ITS, CEI, Lake Charles, LA | ITS Technician. Gresham Smith is providing Construction Engineering Inspection Services, including a project engineer, on-site daily/nightly inspection and Technical construction inspection, throughout construction. Bud is responsible for assisting with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed.

10/18 – 5/24

LADOTD, LCG Adaptive Traffic Signal System, Lafayette, LA | ITS Technician. Gresham Smith developed an Adaptive Traffic Signal System for the Lafayette Consolidated Government, which involved upgrading over 200 traffic signal controllers. In addition, 78 traffic signals will be upgraded to become adaptive traffic signals. This will be both the largest adaptive traffic signal system installed within the state of Louisiana. This project includes field inspection of over 200 traffic signals, design plans for 78 adaptive signals, implementation of a new EVP system, integration support, and before travel time studies.

1/19 – 3/24

LADOTD CEI- H.011500.6 Lake Charles Phase 3, Lake Charles, LA | ITS Technician. Gresham Smith is providing Construction Engineering Inspection Services, including a project engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Bud is responsible for assisting with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed.Prior to joining
Gresham Smith**LADOTD, District 07, Lake Charles, LA | ITS Technician.** While working at LADOTD, Bud’s responsibilities included overseeing and assisting in data collection needed for traffic studies, overseeing the District’s Highway Beautification and Outdoor Advertising programs, analyzing information gathered and recommending traffic control and capacity improvements, receiving and responding to traffic related inquiries and requests from the general public and other government agencies, inspecting newly installed traffic signs, striping and signals to ensure compliance with the state and federal specifications, project plans and contract documents, and overseeing and assisting in maintaining current and historical records of traffic signs and signals, speed limits, and pavement markings.

16. Staff Experience

Gresham Smith

**Alben Cooper, III P.E., PTOE**

Senior Traffic Engineer

Years of experience with this employer

1

Years of experience with other employer(s)

17

Degree(s) / Years / Specialization		Bachelor of Civil Engineering / Louisiana State University		
Active registration number / state / expiration date		P.E.0036291 / LA / 9/30/25		
Year registered		2011 P.E. (LA) 2012 PTOE (LA)	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities			Senior Traffic Engineer / Alben will support the Traffic Engineering Analyses and Technical Support During Construction tasks.	
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).			
8/21-6/22	MovEBR, Contract for Signal Rebuild Phase 2 Design Services Parish Synchronization & Communication, Baton Rouge, LA Lead Traffic Engineer . Alben was responsible for overseeing the traffic study and signal design for five intersections in East Baton Rouge, LA. Services include all traffic investigations, data collection, analysis, and preparation of final signal construction contract plans. The traffic studies will be performed to determine recommended signal phasing, timing and coordination parameters. The signal design is expected to include the upgrade of each signal to mast arms and pedestrian accommodations.			
5/21-8/21	Jefferson Parish, MSY Roundabout Evaluation, Jefferson Parish, LA Lead Engineer . As the lead engineer Alben was responsible for the analysis of various scenarios to estimate the design life of the existing roundabout located at the entrance/exit of the MSY airport in Jefferson Parish, LA. Analysis was performed for various growth rates using Synchro software. Additional analysis was also performed for two potential improvements to the roundabout to determine if they would extend the design life of the intersection. The results of the analyses were graphed and summarized in a letter by Alben. The information was provided to be included in a presentation for airport personnel for consideration.			
8/20-7/21	Jefferson Parish, Manhattan Blvd Northbound Widening Signal Modifications, Jefferson Parish Lead Engineer . Alben was the lead engineer for a signal modification project to accommodate an additional northbound lane on Manhattan Blvd from 9th St to Gretna Blvd. Modifications were required at two intersections, Target Blvd and Gretna Blvd. Additional modifications were required based on the relocation of utilities along the corridor. Alben performed QA/QC for each of the signal designs.			
1/18-12/18	Jefferson Parish, Veterans Blvd TSP Systems Engineering Report, Jefferson, LA Lead Engineer . Alben was the lead engineer for the preparation of a Systems Engineering Report outlining an implementation plan for a fully integrated TSP system for Jefferson Parish Transit (JeT) Route E1 along Veterans Boulevard. The report included identification of existing systems, concept of operations, compatibility requirements, stakeholder responsibilities and protocol, and			

	procurement options. Alben worked closely with stakeholders and FHWA to ensure requirements were met and the system would operate as desired.
7/11-10/13	Orleans Parish, Broad St and General De Gaulle Dr TSP Systems Engineering Report, New Orleans, LA Lead Engineer. Alben was the lead engineer for this project which included the preparation of a Systems Engineering Report (SER) outlining an implementation plan for a fully integrated Transit Signal Priority system for two bus routes in Orleans Parish (Broad Street and General De Gaulle Dr). The SER was prepared to meet requirements set by FHWA. The report included identification of existing systems, concept of operations, compatibility requirements, stakeholder responsibilities and protocol, and procurement options. An addendum to the SER was prepared which included an existing bus stop inventory, identification of bus stops to be relocated to the far side of the intersection, a Stage 0 Preliminary Scope and Budget Checklist, and a draft Request For Proposals. Alben worked closely with stakeholders and FHWA to ensure requirements were met and the system would operate as desired.
Certifications (See section 20)	• DOTD Traffic Engineering Analysis Process & Report – Modules 1, 2 and 3 • American Traffic Safety Services Association –Traffic Control Supervisor, LA State Specific

16. Staff Experience:**Gresham Smith**

John Weres, P.E.
Senior Bridge Engineer

Years of experience with this employer

6

Years of experience with other employer(s)

37

Degree(s) / Years / Specialization		Bachelor of Science / 1980 / Civil Engineering, University of Pittsburgh	
Active registration number / state / expiration date		PE.0036429 / LA / Exp. 9/30/25	
Year registered	2011 (LA) 1985 (PA)	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities		John serve as the overall bridge design lead, and will oversee the design of the bridge 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).		
Career	John’s 40+-year career includes diverse structure related activities including inspection, alternatives analysis, final design and construction management and program management. Experience includes multi-level interchanges, complex geometry, truss rehabilitations and suspension bridge rehabilitations, phased construction, deep foundations, complex pier geometry, and movable bridge inspection and design. John served as Team Leader on several LA DOTD complex bridge inspections and as Project Manager for underwater bridge inspections for TDOT. NHI Certified 130055 (Team Leader), 130078 (Fracture Critical Steel), and 135048 (Countermeasure Design). Also, FAA Part 107 USAS (drone) licensed pilot.		
04/12 – 11/12	PennDOT District 12-0, Keystone Lake Bridge Emergency Replacement, Westmoreland County, PA Project Manager. John served as project manager for the \$1.2 million emergency replacement utilizing design/build concepts for an 80’ concrete box structure. Following an emergency closing of the bridge, PennDOT selected Mr. Weres’ firm to perform the emergency design based on a history of quick resolutions. The design was coordinated with a contractor hired to perform the emergency replacement, therefore, design-build principals were utilized and the design was based on readily available precast concrete beams. The design was coordinated with the state park personnel to reduce impacts on the patrons. Environmental concerns included the relocation of mussels at the bridge site and the construction equipment utilized mineral oil rather than diesel fuel for the pile driving equipment to avoid overspray into Keystone Lake. Form liners and stained concrete were utilized to meet context sensitive design requirements.		
01/09 – 12/11	PennDOT District 1-0, Cooperstown Bridge Replacement Project Manager. \$2.2 million offline replacement of a 2-span, 135’ concrete box structure founded on steel pile foundations. John served as project manager for the preliminary and final design phases. An extensive public communications process was coordinated with the engineering analysis to determine the preferred location of the new structure and to maintain traffic on the existing structure during construction. Coordination with the PA Fish & Boat Commission was conducted to install a new parking lot for fisherman within the footprint of the existing bridge approach roadway.		
06/11 - 12/13	PennDOT District 10-0, Kimmel School Bridge Project Manager. John served as project manager for this \$3 million project that included design of a 220’ superstructure replacement project using phased construction. The bridge carried US 22 on four lanes of heavily traveled roadway. The superstructure was replaced in phases to maintain traffic at all times.		

01/12 – 01/14	North Carolina DOT, Division 9 Group J Bridge Replacements Lead Structure Engineer. John served as lead structure engineer for the replacement of six stream crossing structures using NCDOT Low Impact Bridge Replacement guidelines for Sub-Regional Tier structures. Plan development for final design includes one, two, and three-span structures utilizing standard cored-slab design plans. Span arrangement development required coordination with hydrology evaluation and environmental agency oversight. Foundation details include both drilled shafts and driven steel piles.
6/19 – 03/20	LADOTD, Complex Bridge Inspections, Statewide, LA Project Manager. Task Order 1 - Retainer project for various bridge inspections of major river crossings. Completed hands-on inspection of fracture critical elements on several structures including the LA1 Truss over Atchafalaya River at Simmesport, LA8 Segmental Bridge over Red River at Boyce and the US165 Vertical Lift Bridge over Red River. Gresham Smith was able to complete the inspection of Bridge 005860, in Jeanerette, a steel swing truss and Bridge 009130, in Charenton, a steel swing truss – within the original budget for the initial three bridges.
04/20 – 9/20	LADOTD, Complex Bridge Inspections, Statewide, LA Task Order 2 - Emergency Bridge Repairs, US 71 in Downtown Shreveport, LA Project Manager. In April 2020, a train derailment damaged Bent 3 of the Spring Street Bridge forcing the roadway closure. Gresham Smith was selected to perform the bridge repairs to open the bridge. Working with the selected contractor, helical piles were designed to support the new column foundations and crash wall. John served as the design coordinator and facilitated the repairs.
07/20 - Ongoing	LADOTD, Complex Bridge Inspections, Statewide, LA Project Manager. Task Order 3 - Retainer project for various movable bridge inspections. Completed hands-on inspection of fracture critical elements on several structures and coordinated the efforts of mechanical and electrical staff and served as EOR for the reports including the Bridge 006210 Vertical Lift Bridge at Loreauville, LA, Bridge 054360 Gross Tete Steel Swing Bridge and Bridge 054472 Indian Village Steel Swing Bridge in Iberville Parish. Due to cost savings on the initial 3 bridges in Task Order 2, we were able to complete the inspection of Bridge 006306, Bayside Bridge in Jeanerette, a steel swing bridge – within the original budget.
03/21 – Ongoing	MDOT, SR 149 Simpson County Bridge Replacements, MS Lead Structure Engineer. Gresham Smith is partnering with MDOT for Phase B (Final Design) for the reconstruction of S.R. 149 near D'Lo, Simpson County, Mississippi. Gresham Smith is designing the two longer structures (Bridge 128.2 and Bridge 128.6). This is the first instance of partial depth deck panels utilized for MDOT as a pilot to verify the ease of construction and as an accelerated (ABC) time condition.
11/17 – 12/20	MDOT, MS-178 Benton County Bridges, Benton County, MS Lead Structure Engineer. John served as the Lead Design Engineer for the final design of a 2-cell box culvert and two prestressed concrete girder structures in northern Mississippi. These water crossings improved the hydraulic conditions at the sites and incorporated low-maintenance details such as jointless bridges.
07/19 – Ongoing	TDOT, Complex Bridge Load Ratings, Statewide, TN Senior Structural. Gresham Smith load rated 23 continuous and curved steel tub girders and two steel arch bridges with the roadway suspended from the arches by steel cables supporting a floor beam-stringer deck support system for WO#5. Based on our performance on WO #5, we were entrusted with a second work order, WO11-System Bridges and WO12-Off System Bridges, to load rate a total of 41 complex bridges within a 2-3-month time frame to help the State meet a critical FHWA Deadline.

	Firm employed by Hardesty & Hanover			
	Name	Frederick L. Wetekamm, III, PE	Years of relevant experience with this employer	6
	Title	Senior Project Engineer	Years of relevant experience with other employer(s)	30
	Degree(s) / Years / Specialization		M.E. / 2018 / Construction Management B.S. / 1984 / Civil Engineering	
Active registration number / state / expiration date			Professional Engineer: 25369 / LA / 3/31/2026 Certifications: ATSSA Traffic Control Supervisor and Flagger; FHWA NHI #139005, Driven Pile Foundations – Construction Monitoring	
Year registered	1993	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Project Engineer; Meets MPR 5	
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 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Project Engineer responsible for managing construction engineering and inspection services for a new vertical lift bridge and operator's house. Services include daily monitoring of all construction activities; maintaining all construction field records; coordinating with DOTD, contractor, parish government, and utilities; performing field testing; maintaining records of contractual operations, pay estimates and progress reports; preparing final estimate packages; conducting construction progress meetings; construction and close-out and testing and acceptance of construction materials.			
08/18 – 08/21	Lake Pontchartrain Causeway Safety Bay Improvements (CE&I), Jefferson and St. Tammany, LA - GNOEC Project Engineer responsible for providing construction engineering and inspection services required during the safety bay improvement project for fabrication of pre-stressed piles and girders, caps and decks as well as all other construction activities including field monitoring, documentation, preparation of daily reports, participation in construction progress meetings, and construction close-out and testing and acceptance of construction materials.			
09/22 – Present	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Construction Quality Control Manager for design and construction quality control/quality assurance for this flyover ramp design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builders Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Responsibilities include the development and implementation of Comprehensive Quality Plan to ensure the design and construction conforms to all specified requirements. H&H will develop, maintain, and update Contractor Quality Management Plan and provide qualified Inspectors, material sampling, testing, independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications and testing and acceptance of construction materials.			
02/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Project Engineer responsible for managing construction contract administration and construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
11/15 – 03/18	Danziger Vertical Lift Bridge Rehabilitation (SP 000303.6), Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge of contract administration and supervising the Project Engineer and LADOTD Certified Inspectors for construction inspection. This project scope involved the replacement of the asphaltic concrete roadway on the lift span (310-lf x 72-lf) with a latex modified concrete, replace the lifting ropes, replace most of the mechanical operating components, and rehabilitation of the operator house.			

01/07 – 12/17	Area Engineer, LADOTD, District 02, LA – LADOTD Project Coordinator in responsible charge providing for direct oversight on all construction projects including five bridge replacement projects, six roadway restoration projects, the federally funded Submerged Roads Program (55 streets, \$118 million), the federally funded Paths to Progress Program (69 streets, \$90 million), the Regional Transportation Management Center (\$13.9 million), and several Corps of Engineers flood protection projects on the state ROW. As the Department Coordinator, provided technical oversight, interpretation, and review on department standards, policies, testing and inspection procedures, funding expenditures, and documentation; and constantly monitored the quality control methods of contractors, quality assurance expectations of consultants, traffic control plans, project schedules (bar chart and CPM), change orders, and pay requests to confirm compliance with the contract requirements. Provided diligent oversight on the program and closely monitoring activities; coordinated revised construction method with the Construction Program Manager to save over \$10 million for additional roadways to be added to the programs.
06/12 – 12/13	US 90 Judge Seeber (Claiborne Ave) Vertical Lift Bridge (SP 001200), New Orleans, LA - LADOTD Construction Project Engineer in responsible charge of contract administration and supervising the Project Engineer and LADOTD Certified Inspectors for construction inspection. This project scope involved the repainting of the bridge while maintaining marine and vehicular traffic, replacing deteriorated structural components, and repairing lift span guide rails.
07/07 – 08/18	S.P. No. 742-36-0117 Fleur De Lis Drive Reconstruction Phase II – Veterans Blvd to 30th Street, Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge providing construction engineering inspection services for the Fleur De Lis Roadway Rehabilitation Projects Phases 1, 2, and 3 Program which were complete reconstruction of the roadway and drainage.
07/07 - 11/10	South Louisiana Submerged Roads Program, Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge providing construction engineering and inspection services for the South Louisiana Submerged Roads Program which provided repairs and resurfacing of 56 roads in Orleans, Jefferson, and St Bernard Parishes that were damaged from Hurricane Katrina. The project was funded by FHWA's Emergency Relief Program. Responsibilities included testing and acceptance of construction materials.
11/09 - 12/12	S.P. No. 742-36-0008 Earhart Blvd. Roadway Reconstruction – Hamilton Street to Pine Street Project, Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge providing construction engineering inspection services for Earhart Blvd. Rehabilitation Project. Directed all aspects of the program which was a complete reconstruction of the roadway and drainage from Hamilton to Fern. Responsibilities included testing and acceptance of construction materials.
11/15 – 03/18	S.P. No. 006196 Wisner Bridge Replacement, Orleans Parish, LA - LADOTD Construction Project Engineer in responsible charge for contract administration, supervision of the Project Engineer, and LADOTD Certified Inspectors for construction inspection. This project scope was to replace the 1955 bridge with a new structure. The 1,500-foot-long new bridge consists of prestressed concrete pilings, with a combination of precast prestressed concrete girder spans and steel girder spans over I-610. Also coordinated with the Designer/ Engineer of Record, the City of New Orleans, and the LADOTD Program Manager from the inception of the project to provide the most effective design to meet the current needs of the public utilizing the current LADOTD BDEM and LSSRB. The bridge provides a dedicated protected bike lane.
07/16 – 09/18	Bayou La Loutre Vertical Lift Bridge Rehabilitation (SP 002562), St. Bernard Parish, LA - LADOTD Project Engineer responsible for assisting designers in understanding the bridge operation and maintenance preferences for the LADOTD and providing construction engineering and inspection services during construction. The Bayou La Loutre Bridge Rehabilitation Project scope consisted of bridge structural repairs, cleaning and painting of the bridge structure, installation of a new fender system, and replacement of the bridge operator house utilizing the current LADOTD BDEM and LSSRB. Built in 1957, this project was the first major rehabilitation to the bridge. Responsibilities included testing and acceptance of construction materials.

	Firm employed by Hardesty & Hanover			
	Name	Linh Kim, PE	Years of relevant experience with this employer	4
	Title	Civil Engineer	Years of relevant experience with other employer(s)	2
	Degree(s) / Years / Specialization		B.S. / 2017 / Civil Engineering	
	Active registration number / state / expiration date		Professional Engineer: 47527 / LA / 9/30/2025 Certifications: ATSSA Traffic Control Supervisor and Flagger	
Year registered	2023	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Construction Field Engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/20 – 08/21	Lake Pontchartrain Causeway Safety Bay Improvements (CE&I), Jefferson and St. Tammany, LA - GNOEC Field Engineer Intern provided construction engineering and inspection services required for the fast-paced \$60M Safety Bay Improvement which was constructed according to LADOTD standards and specifications. The project used the CMAR method. Improvements added emergency stopping areas on both causeway bridges and provided six new shoulders in each direction. Responsibilities included final inspections, and construction close-out, etc.			
09/22 – Present	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Field Engineer for design and construction quality control/quality assurance for this flyover ramp design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Responsibilities include the development and implementation of Comprehensive Quality Plan to ensure the design and construction conforms to all specified requirements. H&H will develop, maintain, and update Contractor Quality Management Plan and provide qualified Inspectors, material sampling, testing, independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications.			
08/20 – Present	H.001498.6; LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourge, LA - LADOTD Field Engineer delivering construction engineering and inspection services for a new vertical lift bridge and operator's house. Services include daily monitoring of all construction activities; maintaining all construction field records; coordinating with DOTD, contractor, parish government, and utilities; performing field testing; maintaining records of contractual operations, pay estimates and progress reports; preparing final estimate packages; conducting construction progress meetings; and construction close-out, etc.			
02/21 – Present	Lapalco Blvd Movable Bridge over Harvey Canal, Westwego, LA - Jefferson Parish DPW/LADOTD Structural Engineer for the pre-design inspection, rehabilitation, and widening of the existing four-lane Lapalco Blvd to provide a facility carrying three lanes of traffic in each direction, as well as the design of a new three-lane double bascule movable bridge crossing of Harvey Canal. The scope of services also includes the design of a new bridge to be constructed as an independent structure adjacent and north of the existing bridge with a new operator house. All design work is in accordance with LADOTD Standards and Specifications and being reviewed by LADOTD. Load rating was performed using AASHTOWare BrDR load rating software.			
07/23 – Present	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Structural Inspector performing inspection of complex structures such as cantilever trusses, cable-stayed bridges, steel vertical lift bridges, and plate girder bascule bridges statewide under separate task orders. Inspection of two steel truss bridges (Jimmie Davis and Miller's Bluff) and a vertical lift bridge (West Fork) have been completed to date.			

04/22 – Present	SR826 Palmetto Design-Build Design and Post, Miami-Dade County, FL - FDOT Structural Engineer for this bridge located in downtown Miami urban area. The bridge design requirement was to keep existing bridge and roadways open to traffic while widening construction was being performed. H&H performed design calculations for concrete superstructure and steel substructure elements for bridge widening and created details and plan sheets for superstructure and substructure elements for bridge widening.
06/21 – 06/23	Seabrook Bridge – Main Trunnion Bolts (CE&I), New Orleans, LA - Port of New Orleans Structural Inspector for this single leaf Strauss Heel Trunnion bascule bridge. During the 2021 annual inspection it was revealed that the main trunnion housing bolts needed to be replaced. Mr. Kim observed construction inspection and supervision of repair as well as calculations of wind load and bolt capacity.
09/20 – Present	Various Repairs of the Almonaster Ave Railroad Bascule Bridge, New Orleans, LA – Port of New Orleans Structural Engineer assisting with a variety of repairs on this steel Strauss Trunnion Bascule Bridge. Major work included replacement of components of the railroad floor system stringers and floor beams that rated lower than E-60 and replacement of deteriorated lateral connection plates. The cracked concrete on the rest pier in the area of the bearings was removed and replaced with higher strength concrete. The replacement and tightening of loose or missing fasteners throughout the entire structure was also included in the repair scope. The scope included bridge design and repair plans, contract specifications, construction inspection, and construction support services.
03/24 – Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Structural Engineer responsible for the development of the LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include: bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural).
01/19 - 04/19	H.009498.5: LA 121: Calcasieu River Bridge, Lake Charles, LA - LADOTD Civil Engineer Intern designed and detailed an LG-36 (I-Beam) Concrete Prestressed Girder Bridge using continuous deck spans on a horizontal curve with a 5% slope. The continuous deck spans were 240-ft.-long using four 60-ft.-long deck spans with a bridge width of 42.5 ft. The superstructure and girders were designed using Bentley's Conspan software and DOTD's Bridge Design Evaluation Manual. The substructure consists of pile bents that were designed using STAAD Modeling software and Excel.
06/22 – 08/23	SR 609 Movable Bascule Bridge Inspection and Load Rating, Ocean Springs, MS - MDOT Structural Engineer for the inspection of SR 609 Bridge. The scope of work included the in-depth, NSTM, routine, and element level inspection of structural, mechanical, and electrical components of the bridge, as well as the roadway approaches. Load rating was performed using AASHTOWare BrDR load rating software.
09/19 – 11/19	H.009482.5: LA 113: Jim Burney Branch Bridge - LADOTD Civil Engineer Intern contributing to the preparation of 60% final plans review and submittal. Linh completed revisions for initial design due to comments from the district and Project Engineer reviewer. He completed a bridge rating using AASHTOWare Bridge Rating software and STAAD Analysis.
09/19 – 11/19	H.002176.5: LA 10 Bridges (Burton's Lake, Bayou HaHa, Bayou TawPaw) - LADOTD Civil Engineer Intern created General Plans set for three different bridges after receiving information from Road Design and Hydraulics. Linh contributed to the preparation of 60% Preliminary Plans Set to be sent out Hydraulics, Property Survey, and Subgrade Soil Survey sections.
12/19 – 04/20	I-10: Texas State Line - East of Coone Gully - LADOTD Civil Engineer Intern checking bent detail and quantities for 3 of 5 bridge sites (6 bridges total). Linh completed a bridge rating using AASHTOWare Bridge Rating software and STAAD Analysis for all bridge sites (10 bridges total). He checked Pile data quantities to ensure Geotechnical and Bridge Plans have the same values and designed a custom elastomeric bearing pad for prestressed girder bridges.

	Firm employed by Hardesty & Hanover			
	Name	Lance Resendez, EI	Years of relevant experience with this employer	2
	Title	Structural Engineer Intern	Years of relevant experience with other employer(s)	1
	Degree(s) / Years / Specialization		B.S. / 2021 / Civil Engineering	
	Active registration number / state / expiration date		Engineer in Training: 34896 / LA / 9/30/2025 Certifications: ATSSA Traffic Control Technician / Supervisor	
Year registered	2021	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Field Engineer Intern	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Field Engineer Intern responsible for providing construction contract administration and construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
07/22 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Field Engineer Intern providing contract administration and construction engineering inspection for a newly designed 100-foot-long vertical lift bridge and operator’s house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of L A 316 to the west to avoid conflict with the new bridge structure and approach slabs. During the construction of the new vertical lift bridge and operator house, Mr. Resendez is providing construction contract administration and construction engineering inspection services typically performed by the DOTO Project Engineer and their staff.			
12/22 – Present	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish, LA - LADOTD Field Engineer Intern for construction of this flyover ramp design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder’s Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Responsibilities include the development and implementation of Comprehensive Quality Plan to ensure the design and construction contract specifications.			
12/22 – Present	Almonaster Avenue Railroad Bridge over the Industrial Canal, New Orleans, LA - Port of New Orleans Engineer Intern for the bridge assessment, complete rehabilitative engineering design, and road design services required for the partial replacement of the Almonaster Avenue Bridge and a new connector road. The road design services include a new alignment for the connecting road including all drainage structures. H&H also developed a hydraulic study and a site plan that includes several retention ponds for drainage improvements. All design work is according to LADOTD Standard and Specifications and reviewed by LADOTD.			
07/22 – 10/23	IDIQ for ADA Design Projects Statewide, LA 1091 US190 Country Club Blvd. Sidewalks , Slidell, LA - LADOTD Engineer Intern responsible for developing plans and specifications for improvement to the current sidewalk features of Robert Blvd. in Slidell Louisiana. Plans were designed and revised in house in preparation of the overhaul of sidewalks and adding of ADA compliant handicap ramps and landing areas along the roadway to bring the sidewalks up to current LADOTD standards.			

10/22 – 12/24	SR-609 Movable Bascule Bridge Rehabilitation, Ocean Springs, MS - MDOT Engineer Intern for the full rehabilitation of the bascule bridge which included developing standard and special bridge services statewide for MDOT. The scope included inspection and rehabilitation of structural, mechanical, and electrical bridge components, roadway approaches, and development of maintenance and repair plans. All designs are in accordance with AASHTO, FHWA, and MDOT guidelines and specifications. Load rating was performed using AASHTOWare BrDR load rating software.
10/21 – 01/22	Lafitte Greenway Project (CE&I), New Orleans, LA - Sewerage and Water Board of New Orleans Field Engineer Intern contributed construction inspection for the destruction and rebuild of a pedestrian bridge on the Lafitte Greenway walking path. The project consisted of complete destruction and replacement of bridge and reconstruction of roadway on south side of Conti Street as well as the addition of adding replacement drains in the area. All design work is accordance to LADOTD Standards and Specifications and reviewed by LADOTD.
04/22 – 07/22	Lakeview North Group C (RR085) (CE&I), New Orleans, LA - Sewerage and Water Board of New Orleans Field Engineer Intern contributed to the project as a construction inspector. The project consisted of street paving, sidewalks, accessible ramps, driveways, drainage structures, drainage point repairs, and water line replacement within a 38-block range (Robert E Lee to Filmore and West End to Orleans).
01/22 – 04/22	Octavia Street Project (CE&I), New Orleans, LA – Department of Public Works New Orleans Field Engineer Intern contributed as a construction inspector for the project consisting of the reconstruction of all utilities, the roadway, driveways, and sidewalks for the blocks of Octavia St. from 2300 block to 2900 block. The project is a total footage of about 2400 feet. The project had many characteristics to it from air spading for trees to Type C Adjustments for the catch basins. Mr. Resendez oversaw multiple crews daily.

	Firm employed by Hardesty & Hanover			
	Name	Dalton Hunt, EI	Years of relevant experience with this employer	3
	Title	Civil Engineer Intern	Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization		B.S. / 2017 / Civil Engineering	
Active registration number / state / expiration date			Engineer in Training: 35118 / LA / 9/30/2026 Certifications: ATSSA Traffic Control Supervisor and Flagger	
Year registered	2022	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Field Engineer Intern	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
03/22 – 10/23	H.014363.5 IDIQ Contract for ADA Design Projects Statewide, Slidell, LA - LADOTD Engineer Intern responsible for the evaluation and consideration of current sidewalk features of Robert Blvd. in Slidell, LA. Plans were designed and revised in-house in preparation of the overhaul of sidewalks and adding of ADA compliant handicap ramps and landing areas along the roadway to bring the sidewalks up to current LADOTD standards.			
02/22 – Present	Lapalco Blvd Movable Bridge over Harvey Canal, Westwego, LA - Jefferson Parish DPW/LADOTD Engineer Intern for the pre-design inspection, rehabilitation, and widening of the existing four-lane Lapalco Blvd to provide a facility carrying three lanes of traffic in each direction, as well as the design of a new three-lane double bascule movable bridge crossing of Harvey Canal in an urban area. The scope includes the design of a new bridge to be constructed as an independent structure immediately adjacent and north of the existing bridge with a new operator house. All design work is in accordance with LADOTD Standards and Specifications. Load rating was performed using AASHTOWare BrDR load rating software.			
04/22 – Present	H.001498.6; LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourge, LA - LADOTD Field Engineer Intern delivering construction engineering and inspection services for a new vertical lift bridge and operator's house. Services include daily monitoring of all construction activities; maintaining all construction field records; coordinating with DOTD, contractor, parish government, and utilities; performing field testing; maintaining records of contractual operations, pay estimates and progress reports; preparing final estimate packages; conducting construction progress meetings; construction close-out, etc.			
01/22 – Present	H.014530: Almonaster Ave Railroad Bridge over the Industrial Canal, New Orleans, LA - Port of New Orleans/LADOTD Engineer Intern for the bridge assessment, complete rehabilitative engineering design, and road design services required for the partial replacement of the bridge and a new connector road. The road design services include a new alignment for the connecting road, including all drainage structures. H&H developed a hydraulic study and site plan that includes several retention ponds for drainage improvements. All design work is according to LADOTD Standards and Specifications and reviewed by LADOTD. Project includes a variety of repairs on this steel Strauss Trunnion Bascule Bridge. Major work included replacement of components of the railroad floor system stringers and floor beams that rated lower than E-60 and replacement of deteriorated lateral connection plates. The cracked concrete on the rest pier in the area of the bearings was removed and replaced with higher strength concrete. The replacement and tightening of loose or missing fasteners throughout the entire structure was also included in the repair scope. Scope included bridge design and repair plans, contract specifications, construction inspection, and construction support services.			

06/17 – Present	H.002798.6 Bayou Teche Movable Bridge at Oaklawn, St. Mary Parish, LA - LADOTD Engineer Intern assisting in the design, calculations, and plan preparation of the bridge power distribution and relay-based control system for this movable bridge located in St. Mary Parish, LA. The new through girder swing-span rotates with hydraulically actuated slewing (push-pull) cylinders.
09/22 – Present	I-10 & I-12 College Dr Flyover Ramp Design- Build, Baton Rouge, LA - LADOTD Field Engineer Intern for design and construction quality control/quality assurance for this flyover ramp design-build project which is located at the I-10 West exit to College Dr, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Scope includes the development and implementation of Comprehensive Quality Plan to ensure the design and construction conforms to all specified requirements. H&H will develop, maintain, and update Contractor Quality Management Plan and provide qualified Inspectors, material sampling, testing, and independent testing labs to ensure contractors and off-site fabrication facilities meet project specifications.
07/23 – Present	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA – LADOTD Structural Inspector performing inspection of complex structures such as cantilever trusses, cable-stayed bridges, steel vertical lift bridges, and plate girder bascule bridges statewide under separate task orders. Inspection of two steel truss bridges (Jimmie Davis and Miller's Bluff) and a vertical lift bridge (West Fork) have been completed to date.
04/22 – 12/22	SR 605 Bascule Bridge over Industrial Waterway, Harrison County, MS – MDOT Engineer Intern for the comprehensive rehabilitation of this bascule bridge over the Industrial Waterway. The work also included design and detailing of a new PPC pile-supported reinforced concrete generator platform. All designs are in accordance with AASHTO, FHWA, and MDOT guidelines and specifications. Load rating was performed using AASHTOWare BrDR load rating software.
06/22 – 08/23	SR 609 Movable Bascule Bridge Inspection and Load Rating, Ocean Springs, MS – MDOT Engineer Intern for inspection of SR 609 Bridge. The scope of work included the in-depth, NSTM, routine, and element level inspection of structural, mechanical, and electrical components of the bridge, as well as the roadway approaches. Load rating was performed using AASHTOWare BrDR load rating software.
01/23 – 06/24	I-59 / I-20 Box Girder Bridges Inspection and Load Rating, Meridian, MS – MDOT Engineer Intern for the inspection of the two box girder bridges. Bridge No. 147.9A at I-59 and Bridge No. 131.5B at I-20 are located in Lauderdale County. The inspection required night work to avoid lane closures on I-20 and I-59, as well as traffic control for lane closures and use of a confined space rescue team for inspection of inside the boxes. The repair recommendations were made based on the inspection results and the load rating.
03/24 – Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Engineer Intern responsible for the development of the LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural.
12/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Engineer Intern responsible for providing construction contract administration and construction engineering and inspection services for: Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along the relocated LA 302 in Jefferson Parish.

	Firm employed by Hardesty & Hanover			
	Name	Travis Kimmins, PE	Years of relevant experience with this employer	6
	Title	Senior Mechanical Engineer	Years of relevant experience with other employer(s)	15
	Degree(s) / Years / Specialization		M.S. / 2003 / Mechanical Engineering B.S. / 2001 / Mechanical Engineering	
Active registration number / state / expiration date			Professional Engineer: 43676 / LA / 03/31/2026	
Year registered	2019	Discipline	Mechanical Engineering	
Contract role(s) / brief description of responsibilities			Senior Mechanical Engineer – Meets MPR 7	
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).			
02/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Senior Mechanical Construction Engineer responsible for mechanical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
08/21 - Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Senior Mechanical Construction Engineer providing mechanical engineering inspection for a newly designed 100-foot-long vertical lift bridge and operator’s house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of LA 316 to the west to avoid conflict with the new bridge structure and approach slabs. During the construction of the new vertical lift bridge and operator house, Mr. Kimmins is providing mechanical engineering inspection services.			
07/23 – 12/23	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Senior Bridge Mechanical Engineer performing mechanical inspection of movable structures such as steel vertical lift bridges and plate girder bascule bridges statewide under separate task orders. Inspection of a vertical lift bridge in Calcasieu Parish (West Fork) has been completed.			
11/23 – 03/24	NASA Stennis Mechanical Bridge Inspection, Stennis Space Center, MS - National Aeronautics and Space Administration Senior Mechanical Engineer for the In-Depth inspection of the mechanical components of the bridge in accordance with AASHTO, NASA Guide for Bridge Inspection, National Bridge Inspection Standards (NBIS), and the most current version of the AASHTO Manual for Bridge Evaluation and other applicable documents. Scope includes inspection of all gearing, shafts, shaft couplings, trunnion bearings, machinery brakes, and center lock assemblies. The inspection report met NASA, NBIS and MBE requirements.			
08/12 – 04/18	Jamestown Scotland Ferry Hydraulic System Rehabilitation, Jamestown, VA – VDOT Senior Movable Bridge Mechanical Engineer responsible for the design of the hydraulic system to replace the existing hydraulic system. Provided construction services responsible including shop drawing reviews, responses to RFIs, witnessing shop testing, and field support during key construction events. During construction, there was a change in consultants for CEI services. Mr. Kimmins took on a larger role to ensure that the project was completed in accordance with the requirements from the contract documents, and on schedule. The ferry remained operational throughout construction.			
11/20 – 03/23	SR 609 Bascule Bridge Rehabilitation, Ocean Springs, MS - MDOT Lead Mechanical Engineer responsible for conducting plans review of mechanical rehabilitation plans involving a full mechanical rehabilitation of the operating machinery as well as the HVAC and plumbing systems for the control house. Also provided construction support services as part of the full rehabilitation of the SR 609 bascule bridge. Issued as a task-order to the IDIQ Master Bridge Contract, the scope of this task order included developing standard and special bridge services, statewide for MDOT. Scope of work included inspection and rehabilitation of structural, mechanical, and electrical components of the bridge, as well as the roadway approaches and development of maintenance and repair plans. All designs were in accordance with AASHTO, FHWA, and MDOT guidelines and specifications. H&H performed construction phase services for the project.			

05/19 - Present	Great Yarmouth Bridge (3rd River Crossing), Great Yarmouth, UK - Roughan and O'Donovan Engineers Senior Mechanical Construction Engineer responsible for designing a new hydraulic operating system. This project involves the design of The Great Yarmouth Third River Crossing Scheme will provide a third, more-southerly crossing over the River Yare, creating a new, more direct link between the western and eastern parts of Great Yarmouth, a significant East Norfolk coastal town. Specifically, it will provide a connection between the Strategic Road Network (A47) and the South Denes Business Park, Enterprise Zone, Great Yarmouth Energy Park, and the Outer Harbour, all of which are located to the east of the River Yare on the South Denes peninsula. The works includes the design, construction and initial operating and maintenance of a new single-span opening bridge with a 50 m navigable clearance, carrying a dual carriageway road across the River Yare; the design and construction of the associated approach roads and junctions; and the necessary realignment of the existing highway.
10/20 – 02/21	Broadway Bridge over the Harlem River Rehabilitation, Bronx & Manhattan, NY - New York City DOT Mechanical Construction Engineering for the rehabilitation of the Broadway Bridge over the Harlem River. Project mechanical construction inspection work includes clean and inspect all the ropes and replace select ropes; replacement of primary reducers and provide shaft for auxiliary power; replacement of all pillow block sleeve bearing bushings; replacement of motor and machinery brakes; removal of abandoned rope oiling system; replacement of upper and lower air buffers; replacement of span lock machinery; replacement of elevators; balancing the lift span; repair of centering device. Responsible for reducer testing witnessing and performed thermal photography to aid in inspection/reporting effort.
10/18 – 07/21	East Michigan Street Lift Bridge over Milwaukee River, Milwaukee, WI – City of Milwaukee Senior Mechanical Construction Engineer managing the mechanical construction for the replacement of the East Michigan Street Bridge, a 178-foot-long vertical lift bridge. Mechanical work also included providing construction support services. The control system was designed to enable the bridge to operate locally or from a remote location. He was also responsible for the design of the hydraulic system. Provided construction inspection support services, including shop drawing reviews, responses to RFIs, field support to address construction issues, and functional testing support. Also, troubleshoot issues with the hydraulic system / control system to address skew issues.
09/19 – Present	Jupiter Federal Bridge Replacement, Jupiter, FL – FDOT Senior Movable Bridge Mechanical Construction Engineer responsible for mechanical systems design for this bascule bridge replacement project. H&H serves as Engineer of Record for the project, which addresses structural and functional deficiencies of the existing US 1/SR-5 Jupiter Federal Bridge from CR-A1A to Beach Road. Scope includes the development of vertical and horizontal alignment for bridge replacement alternatives and study of the resulting impacts. The design incorporates intersection improvements and improves traffic functions at both ends of the approximately 2,960-foot-long project corridor into the bridge replacement design. Providing construction inspection support services and quality reviews on all shop drawing reviews and RFI responses.
01/20 – Present	Almonaster Avenue Railroad Bridge over the Industrial Canal Rehabilitation, New Orleans, LA – Port of New Orleans Mechanical Engineer for the bridge assessment, complete rehabilitative engineering design, and construction inspection services required for the partial replacement of the Almonaster Avenue Bridge, a movable Strauss-heel trunnion bridge. H&H's 2019 assessment of the circa-1920 National Register of Historic Places eligible bridge revealed that improvements to the electrical and mechanical systems, superstructure, and counterweight were required to return this bridge to its full operating capability. Although the existing substructure could remain, modifications were deemed necessary to accommodate the rehabilitated superstructure. H&H developed necessary design plans to replace the span drive and span lock machinery, operating strut, guide assembly, live load bearings, counterweight trunnion pin, and bushing. The main trunnion bearings were rehabilitated and repositioned.
03/19 – 12/23	SR-605 Movable Bascule Bridge over Industrial Waterway, Harrison County, MS - MDOT Senior Mechanical Engineer led the design of the mechanical rehabilitation and managed mechanical construction services during construction of these twin double-leaf rolling bascules. The full rehabilitation of SR-605 bascule bridge, issued as a task-order to the IDIQ Master Bridge Contract, included engineering assessment, mechanical, electrical, and structural design in addition to the preparation of Traffic Control Plans. All designs were completed in accordance with AASHTO, FHWA, and MDOT guidelines and specifications. H&H performed construction phase services for the project.

	Firm employed by Hardesty & Hanover		
	Name	Matthew Gagliano, PE	Years of relevant experience with this employer 27
	Title	Senior Mechanical Engineer	Years of relevant experience with other employer(s) 1
	Degree(s) / Years / Specialization		M.S. / 2018 / Mechanical Engineering B.S. / 1994 / Civil Engineering
Active registration number / state / expiration date		Professional Engineer: 37500 / LA / 03/31/2025	
Year registered	2012	Discipline	Mechanical Engineering
Contract role(s) / brief description of responsibilities		Mechanical Engineer; Meets MPR 7	
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).		
02/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Mechanical Construction Engineer assisting in the mechanical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.		
10/15 – 02/18	Norwalk River (Route 136) and Yellow Mill (Route 130) Bascule Bridges, HUD Movable, Storm Hardening Design Services, Norwalk and Bridgeport, CT - CTDOT Lead Mechanical Construction Engineer responsible charge for managing construction inspection for the rehabilitation and storm hardening of two movable bridges, damaged by flooding due to Superstorm Sandy. The rehabilitation included structural, mechanical, and electrical upgrades as well as revisions to the Department's Operation and Maintenance procedures before and after major coastal storms. This project included provisions to improve the facility's performance during similar storms and provisions to rapidly restore the facility to functionality quickly in the event of a storm that exceeds the 100-year design storm. Mr. Gagliano was responsible for the design, preparation of contract drawings, specifications, and cost estimate for new counterweight pit dewatering systems. Design featured a three-tier pump-out system consisting of a primary diaphragm pump filtering and oil-water separator system, a high-volume sump pump backup system, and a tertiary standpipe for hookup of a trailer-mounted diesel power pump capable of flow rates over 2,000 gallons per minute.		
02/13 – 03/18	Tom Adams Bridge Rehabilitation, Charlotte County, FL - Charlotte County Lead Mechanical Construction Engineer responsible for managing this rehabilitation project for a double-leaf bascule span carrying four lanes of traffic. The project featured a new multi-level control house with unobstructed 360-degree views. Mr. Gagliano was responsible for the design and construction oversight of new operating machinery for double-leaf trunnion bascule span meeting AASHTO standards. New operating machinery replaced existing Hopkins machinery within its original envelope and is a compact installation operated by 20 hp motors and gear reduction transmission. Design of HVAC and plumbing using Florida Building Code for new control house featuring a 4 ton air conditioner system and a wastewater pump with force main extension.		
11/18 – 08/23	Rehabilitation of Route 1 Bridge over Housatonic River, Milford, CT - CTDOT Project Engineer for the inspection of the operating machinery and electrical repairs of the double leaf movable span. Repairs include refurbishing gear reducers, adding collars to the machinery shafts and new dewatering pumps for the counterweight pit. Reviewed contractor submittals, attended progress meetings, performed key construction milestone site inspections.		
01/19 - Present	Connecticut River, Old Saybrook, CT - Amtrak Mechanical Engineer of Record for design of new operating machinery featuring a 60-inch diameter fixed trunnion for the Northeast corridor railroad new bridge's 200 feet bascule span. Bridge designed to carrier twin high speed rails. Responsible for design of the span locks, tail locks, HVAC and plumbing for the new control house.		

05/23 – Present	Rehabilitation of Mystic River Bridge over Mystic River, Mystic, CT - CTDOT Project Engineer for rehabilitation study report to investigate repairs to the bridge structure, operating machinery, electrical system, and control house of the historical heel trunnion type bascule span. Repairs include refurbishing gear reducers and reconditioning trunnion bearings.
12/16 – 11/18	Spuyten Duyvil Swing Bridge Rehabilitation, New York, NY - Amtrak Mechanical Engineer for final design on rehabilitation of this railroad bridge's movable span between Manhattan and the Bronx. He was responsible for design computations, modeling, and production of contract drawings for innovative replacement of swing bridge rim bearing with 4 bogie assemblies. Reviewed shop drawings, perform construction inspection, and attended construction progress meetings. The bridge's mechanical and electrical systems were damaged in 2012 by Super Storm Sandy. The project included rehabilitation of the center bearing, end machinery systems, electrical systems, and masonry at the piers. Responsible for the mechanical design.
02/12 – 01/15	Metro-North Railroad Movable Bridge Inspection New Haven Line, New Haven, CT - Connecticut DOT Rail Lead Mechanical Engineer responsible for mechanical & electrical inspections of 5 movable bridges on the Metro North Railroad New Haven line as a sub-consultant to WSP. Routine and/or verification inspection of the Walk Bridge over the Norwalk River, Devon Bridge over the Housatonic River, Saugatuck Bridge, Cos Cob Bridge over the Mianus River in Greenwich, and Peck Bridge in Bridgeport. Movable spans are either a swing span or twin single-leaf bascules carrying four tracks. Inspections and subsequent reports were conducted and prepared according to the Connecticut Department of Transportation Office of Rail Railroad Bridge Inspection Manual. Inspected and evaluated movable span according to AREMA standards.
02/07 – 03/08	17th Avenue Bridge over Miami River, Miami, FL - Miami-Dade County Public Works Department Lead Mechanical Construction Engineer for design for the replacement of the mechanical and electrical systems on this 1928 double-leaf bascule bridge. This design-build project (teamed with PCL Construction Inc.) rehabilitated the 3 girder, 148 feet double-leaf bascule span. The project included the detailed inspection of the mechanical and electrical systems, the preparation of a Design Report, detailed design of the replacement of the existing mechanical drive gear system and electrical system with a new hydraulic motor system and electrical systems. Responsible for the design of machinery, preparation of contract drawing, review and signing and sealing shop drawings, and construction support.
01/12 – 06/14	General Edwards Bridge, Task No. 2 Construction Phase Services, Boston, MA - MASSDOT Mechanical Engineer involved in the design of mechanical repairs. The project consisted of the replacement of an inoperable primary bridge control system and upgrades to the prime movers, motor, and machinery brakes, related mechanical operating components, and stabilize the granite veneer of the 4-bascul bridge towers. The scope also included retrofitting the pin and hanger systems with a redundant support system in the event of a failure and preparing a Preliminary Structures Report in anticipation of complete rehabilitation of the historic structure. The General Edwards Bridge consists of 13 steel multi-deck girder spans including a 106 feet main twin double-leaf bascule span. Several spans are suspended from fracture critical pin and hanger systems to accommodate thermal expansion and contraction.
01/24 – 08/24	I-275 Tolls (38th Avenue North to 4th Street North) Design, Pinellas County, FL - FDOT Mechanical Engineer of Record responsible for design plans, calculations, and specifications for the toll facilities' mechanical systems. This project includes the construction of express lanes along I-275 from north of 38th Avenue North to north of 4th Street North for a total distance of approximately 7.5 miles. H&H is developing toll facility plans, modified special provisions, technical special provisions, reports, and design calculations per the latest General Tolling Requirements (GTR).
08/19 - Present	East Haddam Swing Bridge, East Haddam, CT - CTDOT Lead Mechanical Engineer responsible charge for machinery rehabilitation and construction support. This historical bridge features a swing span of 456 feet long through truss supported on a pivot bearing and built in 1913. Operating machinery was sized for increased resistance due to addition of a pedestrian sidewalk on the swing span. Machinery rehabilitation includes new span drive machinery featuring an open bevel gearset with an axially adjustable bevel gear, and new rack and pinions. New larger discs and modified oil box design for the pivot bearings. Balance wheels, center, and edge wedge machinery assemblies refurbishing requirements specified. Specified and detailed refurbishing requirements for barrier gates including new hydraulic cylinder assemblies and repairs to its hydraulic power unit. Lead technical expert in construction meetings.

	Firm employed by Hardesty & Hanover			
	Name	Sean Brock	Years of relevant experience with this employer	1
	Title	Mechanical Engineer Intern	Years of relevant experience with other employer(s)	11
	Degree(s) / Years / Specialization		B.S. / 2023 / Mechanical Engineering	
	Active registration number / state / expiration date		Engineer in Training: 35473 / LA / 09/30/2025	
Year registered	2023	Discipline	Mechanical Engineering	
Contract role(s) / brief description of responsibilities			Mechanical Engineer Intern	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/23 - Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Mechanical Engineer Intern providing mechanical engineering inspection for a newly designed 100-foot-long vertical lift bridge and operator's house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of LA 316 to the west to avoid conflict with the new bridge structure and approach slabs. During the construction of the new vertical lift bridge and operator house, Mr. Brock is providing mechanical engineering inspection services.			
10/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Mechanical Engineer Intern assisting in the construction contract administration and mechanical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
12/24 - Present	LA 56 Boudreaux Canal MB Replacement; H.002244.5, Terrebonne Parish, LA - LADOTD Mechanical Designer producing plans and specifications to provide notes, technical provisions and mechanical general plan. H&H will design a hydraulic system, including a hydraulic power unit, center wedge assemblies, and end roller assemblies including the roller ramps. The hydraulic system will incorporate redundant variable displacement vane pumps, be designed to accommodate 4,500 openings per year, and be relocated to a novel placement for swing bridges of this configuration to prioritize access for maintenance personnel.			
10/23 – 01/24	Bayou Portage Bascule Bridge, Pass Christian, MS - Mississippi OSARC Mechanical Inspector for in-depth mechanical inspection of this single leaf bascule bridge which included conditional assessment of the bridge's mechanical and electrical systems. Mr. Brock performed a visual inspection, clearance measurements, measurements of relative span motion under live load, pressure and flow measurements, evaluation of all mechanical components, and preparation of the inspection report.			
08/23 - Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Mechanical Designer responsible for assisting in development of mechanical components of LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include: bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural.			
11/23 – 03/24	NASA Stennis Mechanical Bridge Inspection, Stennis Space Center, MS - National Aeronautics and Space Administration Mechanical Inspector for the In-Depth inspection of the mechanical components of the bridge in accordance with AASHTO, NASA Guide for Bridge Inspection, National Bridge Inspection Standards (NBIS), and the most current version of the AASHTO Manual for Bridge Evaluation and other applicable documents. Scope includes inspection of all gearing, shafts, shaft couplings, trunnion bearings, machinery brakes, and center lock assemblies. The inspection report met NASA, NBIS and MBE requirements.			

06/23 – 12/24	SR605 Bridge Inspection, Gulfport, MS - MDOT Mechanical Inspector for the 2023 In-Depth, Nonredundant Steel Tension Member (NSTM), Routine, and Element Level Inspection of the SR 605 Bridge. H&H performed an examination of included an examination of the bridge structural systems, the bridge mechanical and electrical systems, and an arm's length NSTMs, as requested by Mississippi DOT. The NBIS and element structural inspection consisted of a visual and hands-on examination of the approach spans, bascule and anchor spans, access platforms and ladders, operator house, and the fender system. The fracture critical inspection consisted of hands-on arm's length examination of the bascule span girders and floor beams.
07/23 – 12/23	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Bridge Mechanical Inspector performing mechanical inspection of movable structures such as steel vertical lift bridges and plate girder bascule bridges statewide under separate task orders. Inspection of a vertical lift bridge in Calcasieu Parish (West Fork) has been completed.
01/24 – 05/24	Port Aransas Ferry Mechanical / Electrical Inspection, Port Aransas, TX - TxDOT Mechanical Inspector for the inspection of mechanical and electrical systems of Corpus Christi SH 361 Ferry Ramps 1 – 11. Each of the Harbor Island ferry ramp structures consists of a ferry landing with two tower structures supporting a movable span (or ramp), which lowers onto the deck of the ferry. Scope included performing a condition assessment of all electrical and mechanical systems, measurement of motor loads during operation, insulation resistance testing of the motor windings, and identifying deficiencies within the mechanical and electrical systems that require action to improve the operation and reliability of the ramp systems. Mr. Brock created reports for the inspection process and element level assessment of the current conditions of the mechanical and electrical systems of the ramps including recommendations for repair, rehabilitations, and improvements.
09/23 – 02/24	Popp's Ferry Bascule Bridge, Biloxi, MS - Mississippi OSARC Mechanical Inspector for the in-depth inspection of the Popp's Ferry double leaf bascule bridge which included condition assessment of all electrical and mechanical systems. Inspections included measurement of the motor loads during bridge operation, determination of the insulation resistance of the submarine cable conductors, measurements of the mechanical/hydraulic systems, identification of deficiencies in the bridge's operation systems, and preparation of the inspection report.
08/10 – 12/13	Trident Maritime Systems, New Orleans, LA - US Joiner, LLC Welder/Joiner First Class responsible for analyzing blueprint schematics to weld and fabricate Navy and marine vessel spaces to specification. Mr. Brock was responsible for meeting delivery deadlines and Quality Assurance inspections of large-scale marine projects.
09/22 – 04/24	Cedar Lake Bridge Inspection, Biloxi, MS - Mississippi OSARC Mechanical Inspector for in-depth mechanical inspection for the swing bridge. Mr. Brock observed bridge operations and visually evaluated cables. He performed testing of electrical service, motors, motor brakes, and span locks. He reviewed previous bridge inspection reports and prepared checklist for field evaluation of corrected and uncorrected deficiencies. Tasks included submitting a detailed report to the client that documented deficiencies and recommendations.
06/23 - Present	Lapalco Bridge, Jefferson Parish, LA - Jefferson Parish DPW Mechanical Designer for the design of a six-lane bascule bridge parallel and adjacent to the existing bridge. The new bridge will carry three westbound lanes and the existing bridge will be modified to carry three eastbound lanes plus a pedestrian and bicycle path. Scope includes the design of a new three-lane double-leaf bascule bridge and approach spans that will be north of and parallel to the existing bridge, as well as design modifications to the existing bridge to reconfigure it to include three eastbound lanes plus a pedestrian and bicycle path. H&H's preliminary design work included a visual mechanical systems inspection.

	Firm employed by Hardesty & Hanover			
	Name	Kenneth Pecquet, PE	Years of relevant experience with this employer	6
	Title	Electrical Engineer	Years of relevant experience with other employer(s)	11
	Degree(s) / Years / Specialization		B.S. / 2012 / Electrical Engineer	
Active registration number / state / expiration date		Professional Engineer: 47471 / LA / 09/30/2025		
Year registered	2023	Discipline	Electrical Engineering	
Contract role(s) / brief description of responsibilities		Electrical Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Electrical Construction Engineer assisting in the construction contract administration and electrical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
08/22 - Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Electrical Construction Engineer delivering construction engineering and inspection services for a new vertical lift bridge and operator's house. Services include daily monitoring of all construction activities; maintaining all construction field records; coordinating with DOTD, contractor, parish government, and utilities; performing field testing; maintaining records of contractual operations, pay estimates and progress reports; preparing final estimate packages; conducting construction progress meetings; and construction close-out.			
11/18 – 08/21	Lake Pontchartrain Causeway Safety Bay Improvements (CE&I), Metairie, LA - Greater New Orleans Expressway Commission Electrical Engineering Construction Inspector responsible for providing construction engineering and inspection services required during the Safety Bay improvement project. Mr. Pecquet's responsibilities included conducting construction engineering and inspection services required during the safety bay improvement project for inspection of all safety bays power, lighting, communication, CCTV, and traffic signal systems. Responsibilities included field inspections, documentation, preparation of daily reports, participation in construction progress meetings, and construction closeout.			
12/24 - Present	IDIQ Contract for Movable Bridge Preservation Task US 165 Red River MB Ped Gates (Jackson St.), Rapids Parish, LA – LADOTD Electrical Engineer developing plan sheets, creating electrical general plan in accordance with LADOTD policies and standards, adding new operable pedestrian gates for pedestrian walkway on the fixed spans beyond both ends of the lift span.			
08/23 - Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Electrical Engineer responsible for the development of the electrical components of the LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include: bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural).			
12/19 – 08/24	Bayou Teche Movable Bridge at Oaklawn, Franklin, LA - LADOTD Electrical Engineer providing the electrical design for the movable bridge as well as the bridge parking and walkway lighting. The lighting design includes photometric analysis in accordance with IES standards, selection of luminaires and electrical equipment, and complete change order plan sheets detailing the placement of lights, connections to the existing electrical system, and item lists. H&H performed a field survey and review of bridge plans to complete an arc flash hazard analysis of the bridge electrical system using industry standard analysis software.			

04/19 – Present	Jupiter Federal Bascule Bridge Replacement, Jupiter, FL – FDOT Movable Bridge Electrical Engineer Intern contributing to the design of this bascule bridge replacement project. The SWAT process of overlapping the design phase with the PD&E phase requires that the preliminary design phase includes coordination and support of the NEPA process in developing the Type 2 Categorical Exclusion documentation. H&H will serve as Engineer of Record for the project which addresses the structural and functional deficiencies of the existing US-1 / SR-5 Jupiter Federal Bridge from CR-A1A (Ocean Boulevard) to Beach Road. Work includes the development of vertical and horizontal alignment for bridge replacement alternatives and the study of the resulting impacts. The design incorporates intersection improvements and improves traffic functions at both ends of the approximately 2,960-foot long (0.56 mile) project corridor into the bridge replacement design. The project will include ADA access ramps to the 8-foot sidewalks and a new 7-foot buffered bike lane for additional safety.
01/20 – Present	Almonaster Avenue Railroad Bridge over the Industrial Canal Rehabilitation, New Orleans, LA – Port of New Orleans Movable Bridge Electrical Engineer for the bridge assessment, rehabilitative engineering design, and construction inspection services required for the partial replacement of the Almonaster Avenue Bridge, a movable Strauss-heel trunnion bridge's electrical system. H&H's 2019 assessment of the circa-1920, eligible for the National Register of Historic Places bridge revealed that improvements to the electrical and mechanical systems, superstructure, and counterweight were required to return this bridge to its full operating capability. Although the existing substructure could remain, modifications were deemed necessary to accommodate the rehabilitated superstructure.
12/19 – 01/21	Bayou Teche Swing Bridge at Oaklawn (H.002798.6), St. Mary Parish, Louisiana - LADOTD Movable Bridge Electrical Engineer Intern responsible for providing post-design electrical design calculations and plan revisions for the bridge power distribution and relay-based control system for this movable bridge. Built in 1941, the original historically significant bridge was replaced with a new hydraulically operated swing bridge. H&H provided the electrical design for the bridge in line with LADOTD's design requirements and standard design details and coordinated closely with the other design disciplines to ensure success. All design deliverables adhered to the schedule. Due to permitting issues, design was were placed on hold for several years extending the schedule.
08/19 - Present	Lapalco Boulevard Movable Bridge over Harvey Canal, Westwego, LA - Jefferson Parish DPW Electrical Engineer contributing to the pre-design electrical inspection and resulting Bridge Design Report (BDR) for the rehabilitation and widening of the existing four-lane Lapalco Boulevard project includes rehabilitation to the existing four-lane bridge with three lanes of traffic and a new pedestrian/bike lanes as well as the design of a new three-lane double bascule movable bridge crossing of Harvey Canal to be constructed as an independent structure immediately adjacent and north of the existing bridge with a new operator house. Improvements to bridge and roadway approaches and development of a Traffic Control Plan was also included. Project is being designed to LADOTD standards and specifications.
07/23 – 12/23	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Electrical Engineer for Calcasieu River Vertical Lift Bridge at West Fork. The electrical system routine inspection included inspecting accessible components of the main bridge power distribution, bridge grounding system, motor controls, control systems (panel and consoles), electrical systems for the traffic control lighting system, traffic gate assemblies, traffic resistance barriers, span lock motors, span drive braking system, span drive motors, limit switches and related conduit and wiring.
10/19 – 12/20	SR 609 Movable Bascule Bridge over Old Fort Bayou Rehabilitation, Ocean Springs, MS - MDOT Movable Bridge Electrical Engineer Intern contributing to the electrical design services for the full rehabilitation of SR 609 bascule bridge, as a task-order to the IDIQ Master Bridge Contract which includes developing standard and special bridge services, statewide for MDOT. Scope of work includes inspection and rehabilitation of structural, mechanical, and electrical components of the bridge, as well as the roadway approaches and development of maintenance and repair plans.

	Firm employed by Hardesty & Hanover			
	Name	Christopher Aubert, EI	Years of relevant experience with this employer	3
	Title	Electrical Engineer Intern	Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization		B.S. / 2022 / Electrical Engineering	
	Active registration number / state / expiration date		Engineer in Training: 35397 / LA / 09/30/2025	
Year registered	2023	Discipline	Electrical Engineering	
Contract role(s) / brief description of responsibilities			Electrical Engineer Intern	
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 – 12/23	H.009730.5 In-Depth Bridge Inspection of Complex Structures, Statewide, LA - LADOTD Electrical Inspector for Calcasieu River Vertical Lift Bridge at West Fork. The electrical system routine inspection included inspecting accessible components of the main bridge power distribution, bridge grounding system, motor controls, control systems (panel and consoles), electrical systems for the traffic control lighting system, traffic gate assemblies, traffic resistance barriers, span lock motors, span drive braking system, span drive motors, limit switches and related conduit and wiring.			
08/22 - Present	Almonaster Avenue Railroad Bridge over the Industrial Canal, New Orleans, LA - Port of New Orleans Electrical Inspector for the rehabilitation and partial replacement of the Almonaster Avenue Bridge, a movable Strauss-heel trunnion bridge. H&H's assessment revealed that improvements to the electrical and mechanical systems, superstructure, and counterweight were required to return this bridge to its full operating capability. H&H developed necessary design plans to replace the span drive and span lock machinery, operating strut, guide assembly, live load bearings, counterweight trunnion pin, and bushing. The main trunnion bearings were rehabilitated and repositioned.			
08/23 - Present	H.009730.5 LADOTD Movable Bridge Manual, New Orleans, LA - LADOTD Electrical Designer assisting in the development of electrical components of LADOTD Movable Bridge Inspection Manual (including details, photos, illustrations, and specific examples); building a lesson plan and materials for the classroom training from the inspection manual; and providing classroom and field training. The manual will include: bridge inspection principles and overview; movable bridge overview; mechanical, electrical, and structural inspection of movable bridges; operator house; and classroom and field training for electrical, mechanical, and structural).			
08/22 – 08/24	H.002798.6 Bayou Teche Movable Bridge at Oaklawn, St. Mary Parish, LA - LADOTD Electrical Designer contributing to the design, calculations, plan preparation, and inspection services for the bridge power distribution and relay-based control system for this movable bridge located in St. Mary Parish, LA. The new through girder swing-span rotates with hydraulically actuated slewing (push-pull) cylinders. The project is in the design phase.			
08/22 - Present	SR-605 Movable Bascule Bridge over Industrial Waterway, Harrison County, MS - MDOT Electrical Inspector contributing to the electrical inspection and design for the full rehabilitation of SR-605 bascule bridge as a task-order to the IDIQ Master Bridge Contract which includes engineering assessment, mechanical, electrical, and structural design in addition to the preparation of Traffic Control Plans. All designs will be completed in accordance with AASHTO, FHWA, and MDOT guidelines and specifications.			
08/22 – 08/23	SR 609 Movable Bascule Bridge Rehabilitation, Ocean Springs, MS – MDOT Electrical Inspector contributing to the electrical inspection and design for the full rehabilitation of SR 609 bascule bridge as a task-order to the IDIQ Master Bridge Contract which includes developing standard and special bridge services statewide for MDOT. The scope of work includes inspection and rehabilitation of structural, mechanical, and electrical bridge components, roadway approaches, and development of maintenance and repair plans. All designs are in accordance with AASHTO, FHWA, and MDOT guidelines and specifications.			

09/22 – 03/23	NASA Stennis Bridge Inspection, Kiln, MS - National Aeronautics and Space Administration (NASA) Electrical Inspector provided electrical engineering inspection for the SR 607 Trent Lott Boulevard Bridge over the Navigable Waterway located at the NASA John C. Stennis Space Center. The scope of the project was a routine mechanical and electrical inspection of a bascule bridge and an inspection report. During the inspection of the bascule bridge and operator house, Chris provided electrical inspection services.
01/24 – 05/24	Port Aransas Ferry Mechanical / Electrical Inspection, Port Aransas, TX – TxDOT Electrical Inspector for inspection of mechanical and electrical systems of Corpus Christi SH 361 Ferry Ramps 1-11. Each of the Harbor Island ferry ramp structures consists of a ferry landing with two tower structures supporting a movable span (or ramp), which lowers onto the deck of the ferry. The scope included performing a condition assessment of all electrical and mechanical systems, measurement of motor loads during operation, insulation resistance testing of the motor windings, and identifying deficiencies within the mechanical and electrical systems that require action to improve the operation and reliability of the ramp systems. H&H created reports for the inspection process and element level assessment of the current conditions of the mechanical and electrical systems of the ramps including recommendations for repair, rehabilitations, and improvements.
10/23 – 01/24	Bayou Portage Bascule Bridge, Pass Christian, MS - Mississippi OSARC Electrical Inspector for in-depth electrical inspection of this single-leaf bascule bridge which included conditional assessment of the bridge's mechanical and electrical systems. He performed testing of motors, motor brakes, and span locks. He assisted in evaluating all electrical components and prepared the inspection report.
09/23 – 02/24	Popp's Ferry Bascule Bridge, Biloxi, MS - Mississippi OSARC Electrical Inspector for the in-depth inspection of this double-leaf bascule bridge which included condition assessment of all electrical and mechanical systems. Inspections included measurement of the motor loads during bridge operation, determination of the insulation resistance of the submarine cable conductors, identification of deficiencies in the bridge's operation systems, and preparation of the inspection report.
08/22 - Present	H.001498.6 LA 24 and LA 16 Company Canal Vertical Lift Bridge Replacement (CE&I), Bourge, LA - LADOTD Electrical Inspector providing electrical engineering inspection during the construction of a newly designed 100-ft-long vertical lift bridge and operator's house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 ft of LA 316 to the west to avoid conflict with the new bridge structure and approach slabs.
10/23 - Present	Lapalco Boulevard Bridge Harvey, LA Jefferson Parish Department of Engineering Electrical Designer for the design of a six-lane bascule bridge parallel and adjacent to the existing bridge. The new bridge will carry three westbound lanes and the existing bridge will be modified to carry three eastbound lanes plus a pedestrian and bicycle path. Project scope includes the design of a new three-lane double-leaf bascule bridge and approach spans that will be north of and parallel to the existing bridge, as well as design modifications to the existing bridge to reconfigure it to include three eastbound lanes plus a pedestrian and bicycle path. H&H's preliminary design work included a visual structural inspection of the fracture critical elements, primary and secondary structural members, as well as electrical and mechanical systems inspections.
02/23 - Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Electrical Inspector assisting in the construction contract administration and electrical construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator's house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.
12/24 - Present	IDIQ Contract for Movable Bridge Preservation Task US 165 Red River MB Ped Gates (Jackson St.), Rapids Parish, LA – LADOTD Electrical Designer assisting in the development of plan sheets, creating electrical general plan in accordance with LADOTD policies and standards, adding new operable pedestrian gates for pedestrian walkway on the fixed spans beyond both ends of the lift span.

	Firm employed by Hardesty & Hanover			
	Name	Mor Diao, CCM, PMP	Years of relevant experience with this employer	6
	Title	Project Scheduler	Years of relevant experience with other employer(s)	11
	Degree(s) / Years / Specialization		M.S. / 2011 / Construction Management B.A. / 2007 / Information Systems	
Active registration number / state / expiration date				
Year registered		Discipline	Project Scheduler	
Contract role(s) / brief description of responsibilities			CPM Scheduler	
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 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD Project Scheduler for this project that includes contract administration and construction engineering inspection services for construction of this new vertical lift bridge and new operator’s house in Bourg, LA. The new vertical lift bridge will be built on existing alignment. Contract scope included maintaining all field and contractual operation records; preparing final estimate packages; coordinating with DOTD personnel, contractor, and other parties. His responsibilities include review of the contractor’s baseline and updated CPM schedules and preparation of Schedule Analysis Report (SAR).			
02/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD Project Scheduler responsible for reviewing project schedule for this project that includes construction contract administration and construction engineering and inspection services for the Bayou Barataria Movable Bridge Replacement. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
01/18 – 04/22	CE&I Services for Madison Avenue Bridge (Swing Bridge) Over Harlem River, New York, NY - NYCDOT Senior Project Scheduler responsible for reviewing and recommending approval, revision, and rejection of the contractor’s baseline schedule and monthly schedule updates for compliance with the construction contract in accordance with the Critical Path Method schedule to assure on-time project completion and present schedule analysis report. Responsible for attending monthly CPM meeting to discuss the critical path, potential delays, any variances, and the one month look-ahead.			
09/14 – 02/17	St. George Interlocking Flood Repairs, Staten Island, NY - New York City Transit Project Controls Manager for the complete modernization and replacement of the St. George Interlocking. Work included the replacement of all ballast, track, ties, contact rail, bumper blocks, lubricators, and switches within the limits of the project as well as the replacement of the slip switches layout with a diamond crossover. Duties included reviewing and recommending approval/revision/rejection of the contractor’s baseline schedule and monthly schedule updates for compliance with the construction contract in accordance with the Critical Path Method schedule to assure on-time project completion and present schedule analysis report. Mr. Diao was responsible for running monthly CPM meeting to discuss the critical path, potential delays, any variances, and the one month look-ahead. Construction Cost: \$79 million.			
03/17 – 06/24	Replacement of the Westchester Ave. Bridge over the Hutchinson River Pkwy and supporting NY Transit Elevated Line – Resident Engineering Inspection (REI) Services, New York, NY - New York City DOT Senior CPM Schedule Reviewer for this \$46 million bridge replacement while maintaining traffic on the bridge and the parkway below, and rail service for NY Transit operations above and supported by the bridge superstructure. Work included supporting elevated transit line with temp. strong-back girders to maintain service while the steel superstructure and reinforced concrete deck were replaced with a low-profile superstructure to eliminate impacts from over-height trucks. Work also included new seismic-resistant, neoprene bearings, new expansion joints, steel cleaning and painting, improved drainage, asphalt paving, pavement markings, roadway light, utility protection/relocation, day-night-weekend work, complex work zone traffic control (WCTZ), and related work.			

07/18 – 06/21	Route 112 Reconstruction Between I-496 (LIE) to Granny Road (D263744), Medford, Suffolk County, NY - NYDOT Senior CPM Schedule Reviewer for this \$32M reconstruction and widening of NY Route 112. The 2-lane roadway was replaced with 3-lanes including a shared center turn lane, and combined shoulders/bike lanes; curbs and sidewalks were added. The existing catch basin/dry well drainage system was replaced with a closed system of catch basins and manholes piped to a new drainage basin. The project required extensive relocation of sub-surface and aerial utilities and services (electric, gas, water, sanitary sewer and fiber optic cable TV, phone, and internet service). The roadway reconstruction included new sub-base and base pavement with asphalt wearing surface. The signalized intersection with Horseblock Rd. was widened to add turning lanes, and new traffic signals, signs and pavement markings were installed for improved traffic flow and safety. The project included new retaining walls, roadway lighting, sign and structures, pavement markings, guiderails, new driveway aprons, ADA pedestrian ramps at intersections, landscaping and other appurtenances. The project required extensive WZTC, staged and phased construction, and day-night-weekend work.
12/19 – 06/22	CE&I Services for Verrazzano-Narrows Bridge to Reconstruct the Reinforced Concrete Decks of the Brooklyn & Staten Island Approach to the Upper Level and the Gowanus Expressway Approach to the Lower Level (VN-84), Staten Island & Brooklyn, NY - Tri borough Bridge and Tunnel Authority Senior CPM Scheduler for this project that includes several key aspects: 1) reconstruction of the Staten Island approaches and the upper-level Brooklyn westbound approach; 2) replacement of the bridge deck at the Brooklyn and Staten Island anchorages; 3) reconstruction of the westbound Lily Pond Avenue exit ramp and merge; 4) reconfiguration of the 92nd Street entrance and exit ramps; and 5) the open road tolling in the eastbound direction. Construction cost is \$130 million.
07/21 – 06/24	Nassau County DPW Rehabilitation of Bayville Bascule Bridge over Mill Creek, Bayville, NY - Nassau County DPW Senior CPM Schedule Reviewer for this \$24.8-million major rehabilitation of this double-leaf bascule bridge. The project included the major rehabilitation of civil, structural, electrical and mechanical elements of the bridge including repair and strengthening of structural steel superstructure and trunnion support towers, cleaning and painting, replacement of the bascule girder support grillages and concrete encasement, deck modification to widen the sidewalk, and drainage and expansion joint improvement. Replacement of the Mechanical operating system including replacing the main pivot bearings, rack & pinions, curved and flat bascule treads, span locks, and Live Load bearings). Replacement of the Electrical system including new control panels, braking systems, and safety warning system (gates & horns) as well as roadway and navigation lights and related work. The project also required heat strengthening of the flanges for the bascule curved girder. Restoration of the control house included reroofing, new windows, and repointing the heavy stone masonry. The project also replaced the timber fender system. The project required Staged Construction, day, night, and weekend work, Complex WZTC/MPT with temporary traffic signals, reverse traffic, and detours. Maintaining communications with local politicians and Community Outreach was required.
01/17 – 04/24	Resident Engineering Inspection for Reconstruction of Westchester Ave. Bridge over Hutchinson River Parkway, Pelham Bay, NY - NYCDOT Senior CPM Scheduler for this \$46 million project to reconstruct the deck and superstructure to improve the vertical clearance to the Hutchinson River Parkway below. The work is being performed while maintaining pedestrian and vehicular traffic on the bridge, vehicular traffic on the HRP and transit service on the elevated line supported by the bridge. Also includes reconstruction of the utility ducts on the bridge.
05/13 – 11/13	Rehabilitation of Ramp Structures at the St. George Ferry Terminal, Staten Island, NY - NYCDOT Project Scheduler responsible for revising and recommending approval/revision/rejection of the contractor's baseline schedule and monthly schedule updates for compliance with the construction contract in accordance with the Critical Path Method schedule to assure on-time project completion and present schedule analysis report. This design-build project encompassed the reconstruction of eight vehicular ramps consisting of 73 spans and a pedestrian bridge above the railroad station as well as terminal buildings and a parking area. Valuation was \$175 million.
08/14 – 03/17	Rehabilitation of the Bryant Avenue Bridge over Amtrak and CSX Transit, Bronx, NY - NYCDOT Project Scheduler responsible for updating the approved baseline schedule to reflect progress and submitting monthly schedule update reports for compliance with the construction contract in accordance with Critical Path Method schedule to assure on-time project completion.

	Firm employed by Hardesty & Hanover			
	Name	James Burkes	Years of relevant experience with this employer	2
	Title	Construction Inspector	Years of relevant experience with other employer(s)	9
	Degree(s) / Years / Specialization		A.S. / 2007 / Drafting Design	
	Active registration number / state / expiration date		Certifications: ATSSA Traffic Certified, Louisiana Nuclear Radiation Safety Certified, Certified Linear Surveyor, Certified Asphalt Inspector, Certified Concrete (PCC) Inspector, Hazardous Materials Safety Certified, ORM Blood-borne Pathogens, Plan Reading Certified	
Year registered		Discipline	N/A	
Contract role(s) / brief description of responsibilities		DOTD Inspector - Certified		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/23 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD LADOTD Certified Inspector providing construction inspection for a newly designed 100-foot-long vertical lift bridge and operator’s house. The scope of the project includes improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of L A 316 to the west to avoid conflict with the new bridge structure and approach slabs. During the construction of the new vertical lift bridge and operator house, Mr. Burkes is providing inspection services.			
04/23 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD LADOTD Certified Inspector responsible for providing construction inspection services for the Bayou Barataria Movable Bridge Replacement project. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
06/23 – Present	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish - LADOTD LADOTD Certified Inspector for the construction of this flyover ramp design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder’s Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Mr. Burkes provides inspection services.			
12/12 – 03/23	Various Projects - LADOTD Engineering Technician 4 - LADOTD Mr. Burkes’ role included construction inspection for numerous projects for quality control and quality assurance. He was often used as an internal traffic expert in his unit. He managed pay items and daily diaries to maintain fiscal accountability. He also communicated with external vendors and contractors as a liaison for the state of Louisiana. He onboarded new inspectors and coordinated activities between departments such as material lab, maintenance, and onsite teams.			
10/14 – 09/16	St. Bernard Avenue Overlay with Slope Corrections, Chalmette, LA - LADOTD Lead Field Inspector responsible for daily log input into Site Manager, including pay items and quantities input. Mr. Burkes was also responsible for field quality testing, asphalt depth consistency, road width, and length. Roadway reports and coring locations also fell under his responsibilities.			

12/17 – 03/18	High Rise Fire Rehab, New Orleans, LA - LADOTD Lead Field Inspector responsible for daily TTC checks and quality assurance testing in the field during the High Rise Fire Rehab project. Mr. Burkes performed inspection of contractors cleaning method to make sure the surface was properly freed of any gritty debris or dirt to ensure the epoxy resin would hold. This project was an emergency design-build to protect the integrity of the concrete bridge support piles and required an epoxy resin to seal and restrengthen piles.
07/13 – 09/14	Almonaster Bridge Rehabilitation, New Orleans, LA - Port of New Orleans Field Inspector responsible for ensuring proper placement of wood piles for the dolphin approach to lift bridge. Additionally, Mr. Burkes was responsible for the quality checks for proper removal and installation of steel walkway and handrail as well as visual inspection of updated electrical members for power from operator house to lift span.
04/15 – 09/17	Wisner Bridge Demolition and Complete Rebuild, New Orleans, LA - LADOTD Field Inspector responsible for concrete placement quality assurance testing as well as visual inspection of steel rebar installation for bridge deck.
02/13 – 10/13	Safe Routes to School, New Orleans, LA - LADOTD Lead Field Inspector providing inspection services for this project. Mr. Burkes was responsible for daily log input into Site Manager, including quantities, dimensions of concrete walks and curbs, and right of way striping for walking pedestrians.
04/18 – 10/19	Judge Perez Drive Concrete Rehabilitation, Chalmette, LA - LADOTD Lead Field Inspector during this rehabilitation project. Mr. Burkes was responsible for daily log input into Site Manager, recording removal and reinstallation of isolated concrete patches, field quality assurance testing, base testing, and visual rebar installation checks for holes.
08/13 – 10/14	Judge Seeber Bridge New Orleans, LA LADOTD Field Inspector during the repair work for the Judge Seeber Bridge. There was no log requirement as there was a third party. Mr. Burkes was responsible for making sure all repairs were in compliance with LADOTD Standard Specifications and to provide guidance to client as to the proper procedures.
12/16 – 10/18	Yscloskey Bridge Rehabilitation, Yscloskey, LA - LADOTD Field Inspector responsible for daily log input into Site Manager, including quantities, pay items, measurement, and transporting steel samples to LADOTD Lab for testing.
12/12 – 06/13	Rigolets Pass Bridge and Approaches, New Orleans, LA - LADOTD Field Inspector responsible for assisting lead inspector with field testing and maintaining Field book for project progression during this project.
05/15 – 06/15	I-10 Girder Repair, New Orleans, LA - LADOTD Field Inspector responsible for daily logs into Site Manager and ensured the contractor stayed within the limitations of the damaged girder. Additionally, Mr. Burkes made sure the cleaning and repair was done in accordance with LADOTD Standard Specification.

	Firm employed by Hardesty & Hanover			
	Name	Dwayne Lewis	Years of relevant experience with this employer	1
	Title	Construction Inspector	Years of relevant experience with other employer(s)	10
	Degree(s) / Years / Specialization			
Active registration number / state / expiration date		Certifications: LADOTD Structural Concrete Inspector; LADOTD Asphaltic Concrete Plant Inspector; ATSSA Traffic Control Technician, Supervisor, and Flagger; NHI 132070 Drill Shaft Foundation Specialist		
Year registered		Discipline	N/A	
Contract role(s) / brief description of responsibilities		DOTD Inspector - Lead		
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).			
07/24 – Present	H.001498.6 (CE&I); LA 24 and LA 16 Company Canal Vertical Lift Bridge, Bourg, LA - LADOTD LADOTD Certified Lead Inspector delivering inspection services for a new vertical lift bridge and operator’s house. Services include daily monitoring of all construction activities; maintaining all construction field records; performing field testing; maintaining records of contractual operations; attending construction progress meetings; construction close-out, etc.			
08/24 – Present	I-10 & I-12 College Drive Flyover Ramp Design-Build, East Baton Rouge Parish - LADOTD LADOTD Certified Lead Inspector for the construction of this flyover ramp design-build project which is located at the I-10 West exit to College Drive, in advance of the I-10 & I-12 West merge. H&H serves as Design-Builder's Construction Quality Control Firm (CQCF) and oversees all Design Quality Control and Construction Quality Control activities for the project. Mr. Lewis provides inspection services.			
07/24 – Present	H.015028.6 Bayou Barataria Movable Bridge Replacement (CE&I), Phase 1, LA 302, Jefferson Parish, LA - LADOTD LADOTD Certified Lead Inspector responsible for providing construction inspection services for the Bayou Barataria Movable Bridge Replacement project. This project consists of construction of the movable swing span bridge, operator’s house, associated substructure elements, and pier protection system along relocated LA 302 in Jefferson Parish.			
04/08 – 09/10	I-10 Twin Span Construction; 450-17-0025, New Orleans, LA - LADOTD LADOTD Certified Inspector responsible for daily inspection of bridge spans and structures. Also performed inspections of new bridges decks starting with girder installation to steel and rebar installation, ending with overseeing concrete deck pours of 700cy plus not only testing the concrete to assure it was within specifications, but also overseeing the placement, finishing and curing as well. This project encompassed not only inspection and maintenance of and Acro Bridge system, but pile to deck redesign and reconstruction of the original destroyed bridge.			
04/15 – 12/16	French Branch Bridge, West Pearl River Bridge, St. Tammany Parish Routes I-10, I-12 & I-59; H.003107, St. Tammany Parish, LA - LADOTD LADOTD Certified Inspector responsible for all asphalt plant inspection and testing for all 250,000 tons placed on the project between two separate asphalt plants as well as the density testing of all core samples taken on the project.			
12/18 – 06/20	I-10: Interstate Widening from LA 328 to LA 347; H.010601, St. Martin Parish, LA - LADOTD LADOTD Certified Inspector responsible for all asphalt roadway inspection as well as the inspection of roundabout construction. The \$54.7 million project involved pavement replacement within the existing lanes in each direction for 2.7 miles along I-10 from LA 347 to the base of the Atchafalaya Basin Bridge. An additional lane was added in the westbound direction. The project also added roundabouts at the Henderson interchange.			
06/20 – 02/24	Loyola Drive @ I-10 Interchange Improvements; H011670, Kenner, LA - LADOTD LADOTD Certified Inspector responsible for construction inspection (OV) of the fly over bridges from I-10 to Loyola including Footings, Columns, Girders, Bridge Decks, Barrier Rail, Approaches, Median Barrier, & Pier protection.			

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by  Horizon Engineering, LLC				
Name	Brett Liuzza, P.E.		Years of relevant experience with this employer	1
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		Bachelor of Science / 2008 / Civil Engineering		
Active registration number / state / expiration date		37753 / LA / 9/30/2025		
Year registered	2013	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		Role: Project Engineer (Satisfies MPR 4) Responsibilities: Construction administration (including SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD and stakeholders.		
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).			
05/08 – Present	- Over 16 years of construction administration and construction engineering experience. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.			
07/21 – 01/24	H.007273.6 – Magazine St (Leake Ave to East Drive) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt roadway with PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. Cost: ≈\$5,900,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to utilities and drop inlets, manholes, and other drainage structures in the road. Performed SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.			
10/18 – 10/23	H.007271.6 – Canal Blvd (R.E. Lee – Amethyst) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water, improvements. Cost: ≈\$6,800,000. Role: Project Manager and Lead Construction Engineer. Managed 2 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Performed SiteManager duties. Coordinated construction materials testing. Prepared change orders and project closeout documentation.			
07/23 – 01/24	H.011779.6 – Power Blvd Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicyclist truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed Site Manager duties. Coordinated construction materials testing. Prepared change orders.			
09/20 – 07/22	Milneburg Group B (FRC) Owner: City of New Orleans. Scope: Replacement of asphaltic concrete roadway and drainage, sewer, and water improvements (14 blocks). Cost: ≈\$8,300,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.			

Brett Liuzza, PE (Continued)

05/23 – 01/24	H.014315.6 – Grafton Drive Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curbs, driveways, and curb ramps. Cost: ≈\$1,000,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed SiteManager duties. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.
10/23 – 01/24	H.014317.6 – Carey St. Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curbs, driveways, and curb ramps. Cost: ≈\$970,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Performed SiteManager duties. Coordinated construction materials testing. Developed adjustments to drop inlets, manholes, and other drainage structures in the road. Prepared change orders and project closeout documentation.
07/13 – 04/16	Jefferson Parish Submerged Roadways Program Owner: Jefferson Parish. Scope: Evaluation of Hurricane Katrina related roadway damage and repair/replacement of deficient roadways (85 PCC pavement streets and 8 miles of asphaltic concrete roadway). Cost: ≈\$50,000,000. Role: Construction Engineer. Evaluated road damage, managed inspectors, and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
05/21 – 12/22	RR122 and RR123 Marlyville-Fontainbleau Groups G and H (FRC) Owner: City of New Orleans. Scope: Roadway reconstruction, including drainage, sewer, and water lines and curbs, driveways, sidewalks and curb ramps. Cost: ≈\$23,000,000 (est.). Role: Project Manager and Lead Civil Engineer. Designed roadway, driveway, and sidewalk geometric layout, asphaltic concrete pavement, concrete curb and gutter, 15" to 30" RCP, and sewer and water mains, valves, fittings, offsets, and house connections. Prepared plans, specifications, and opinion of probable construction cost. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
07/13 – 05/22	Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
07/12 – 10/16	H.002550.6-R1 (Phase 1A) and H.009933.6 (Phase 1B) – MacArthur Interchange Completion Owner: LaDOTD. Scope: Construction of entrance/exit ramps for Westbank Expressway and relocation of frontage road and associated utilities. Cost: ≈\$42,000,000. Role: Civil Engineer. Designed roadway geometric layout, 15" to 48" RCP, 15" to 72" equivalent RCPA, 10" sewer force main relocation horizontally drilled underneath 4-lane roadway, and 8" water line relocation. Prepared plans, specifications, and opinion of probable construction cost.
05/20 – 01/24	Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue) Owner: Jefferson Parish. Scope: Widening of existing 4-lane road and area-wide drainage improvements (1.0 miles of road and drainage). Cost: ≈\$19,000,000 (est.). Role: Civil Engineer. Reviewed design of 15" to 72" RCP drainage system and tie-ins to surrounding drainage system. Designed asphalt pavement, concrete curb and gutter, pavement markings, sequence of construction, and temporary traffic control plan while accounting for site-related challenges, such as significant traffic demands, limited right-of-way, congestion of existing drainage and utilities, and the need to sequence construction to minimize disruptions to traffic.

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by  Horizon Engineering, LLC				
Name	Ben Bartlett, PE, PTOE		Years of relevant experience with this employer	1
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		Master of Civil Engineering / 2010 / Civil Engineering Bachelor of Science / 2008 / Civil/Environmental Engineering		
Active registration number / state / expiration date		PE: 38980 / LA / 9/30/2026 PTOE: 4020 / USA / 3/29/2025		
Year registered	PE: 2014 PTOE: 2016	Discipline	Civil Engineer Professional Traffic Operations Engineer	
Contract role(s) / brief description of responsibilities		Role: Project Engineer (Satisfies MPR No. 6) Responsibilities: Construction administration (including SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD and stakeholders.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
06/10 – Present	- Over 15 years of construction administration and construction engineering experience. - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Licensed Professional Traffic Operations Engineer with significant experience coordinating, designing, inspecting, and adjusting temporary traffic control to promote motorist, pedestrian, and worker safety within active construction zones. - Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.			
03/19 – 09/21	Lake Pontchartrain Causeway Southbound Bridge Rail Improvements Owner: GNOEC. Scope: Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. Cost: ≈\$40,000,000. Role: Project Manager and Lead Construction Engineer. Inspected temporary lane closures of over 10 miles long and provided suggested modifications to improve motorist safety. Managed 10 inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; managed inventory for ≈\$19,000,000 of stockpiled raw materials; inspected fabricated steel posts and rails prior to installation; coordinated construction materials testing; prepared change orders; and prepared project closeout documentation.			
01/21 – 06/23	Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Structural inspection and rehabilitation of 1950s elevated interchange (2 ramps and 4 lane overpass). Cost: ≈\$13,000,000. Role: Construction Engineer. Managed 4 inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; coordinated construction materials testing; assisted with development of adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement; assisted with development of field adjustments for emergency deck repairs to replace failed expansion joint with only weekend road closures; prepared change orders; and prepared project closeout documentation.			

Ben Bartlett, PE, PTOE (Continued)

05/23 – 01/24	H.011779.6 – Power Blvd Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicyclist truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; performed SiteManager duties; coordinated construction materials testing; and prepared change orders. During construction, re-evaluated the location of a pedestrian crossing at Vintage Dr. and prepared a report that identified an improved crossing location based on vehicular and pedestrian traffic data as well as existing site features.
03/21 – 01/24	H.013939.6 – Veterans Blvd Transit Signal Priority Owner: Jefferson Parish (LaDOTD LPA project). Scope: Installation of new traffic signal controllers and a transit signal priority system along Veterans Blvd. (32 intersections between Loyola Dr. in Jefferson Parish and Pontchartrain Blvd. in Orleans Parish and 22 Jefferson Parish Transit buses). Cost: ≈\$510,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors; reviewed RFIs, submittals, and pay applications; performed SiteManager duties; coordinated priority system testing; advised on priority system requirements and operational gaps; and prepared change orders.
10/23 – 01/24	H.014317.6 – Carey St. Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curbs, driveways, and handicap ramps. Cost: ≈\$970,000. Role: Construction Engineer. Managed inspectors; reviewed RFIs, submittals, and pay applications; reviewed construction materials testing; developed adjustments to handicap ramps based on existing site conditions; reviewed change orders; and reviewed project closeout documentation.
06/10 – 09/14	St. Charles Parish Road Maintenance Program (2010 – 2014) Owner: St. Charles Parish. Scope: Annual inspection of all St. Charles Parish-owned roads and repair/replacement of deficient roads. Cost: ≈\$1,500,000 annually. Role: Program Manager and Lead Civil Engineer. Led road inspections. Developed road repair/replacement priority lists for the verifiable expenditure of state/federal funds. Designed asphalt pavement milling/overlay and patching, PCC pavement panel replacement, sidewalk modifications, ADA compliant curb ramps, and utility adjustments. Prepared plans, specifications, and opinions of probable construction cost. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.
04/23 – 01/24	US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study Owner: Jefferson Parish. Scope: Traffic study in accordance with LaDOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). Fee: ≈\$190,000. Role: Lead Traffic Engineer. Led 5 field personnel for volume count, turning movement count, and driveway/median opening count equipment installation, peak period observations, and geometric field review. Determined peak period, peak hour, and unmet demand. Balanced volumes and prepared unbalanced and balanced volume maps. Performed traffic signal warrant analysis and crash data analysis. Prepared collision diagram and LaDOTD TEPR documentation.
08/24 – 12/24	Zellwood Station Phase 3 Traffic Study Owner: Private. Scope: Traffic study in accordance with FDOT requirements to evaluate access to the ≈10.4 acre Zellwood Station site from US 441 / W Orange Blossom Trail. Fee: ≈50,000. Role: Lead Traffic Engineer. Reviewed volume counts, turning movement counts, driveway/median opening counts, and crash data along US 441. Performed traffic signal warrant analysis and crash data analysis. Evaluated sight distance requirements. Prepared conceptual layouts for multiple alternatives, including signalized intersection with new turn lanes, median openings, and driveways and adjustments to timing of adjacent traffic signals.

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by  Horizon Engineering, LLC				
Name	John Karlin, SE, PE		Years of relevant experience with this employer	1
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		Master of Science / 2017 / Civil (Structural) Engineering Bachelor of Science / 2016 / Civil Engineering		
Active registration number / state / expiration date		PE: 44795 / LA / 3/31/2025 SE: 081-008511 / IL / 11/30/2026		
Year registered	PE: 2020 SE: 2020	Discipline	Civil Engineer and Structural Engineer Structural Engineer	
Contract role(s) / brief description of responsibilities		Role: Project Engineer Responsibilities: Construction administration (including SiteManager duties), construction engineering, management of inspectors, and coordination with DOTD and stakeholders.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/17 – Present	- Over 7 years of construction administration and construction engineering experience. - AMPP (Formerly NACE/SSPC) Certified Coatings Inspector (CIP Level 2). - Completed the AMPP Supervisor/Competent Person Training for Deleading and Hazardous Coatings Removal (C3) course. - Completed all LaDOTD Structural Concrete certification written exams (currently awaiting performance evaluation availability). - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. - Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course.			
07/21 – 12/22	H.013897 – I-10 and I-12 College Flyover Ramp Design-Build Owner: LaDOTD. Scope: Replacement of I-10 WB flyover ramp; widening and rehabilitation of I-10 WB bridge over Ward Creek; and rehabilitation of I-12 to I-10 EB ramp and Essen Lane bridge over I-12. Cost: ≈\$50,000,000. Role: Lead Structural Independent Technical Reviewer. Reviewed plans and specifications; analyzed reinforced concrete deck and barriers, 360’ skewed continuous steel plate girders, steel cross frames, PPC girders, reinforced concrete diaphragms, rolled steel girders, steel diaphragms, reinforced concrete bents, drilled shafts, and PPC piles; and identified potential design and constructability issues.			
01/21 – 06/23	Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Structural inspection and rehabilitation of 1950s elevated interchange (2 ramps and 4 lane overpass). Cost: ≈\$13,000,000. Role: Project Manager, Lead Structural Engineer, and Lead Construction Engineer. Analyzed existing bents and girders. Designed structure jacking plan, steel girder strengthening and repairs, bent cap strengthening, reinforced concrete risers, post-installed adhesive anchors and reinforcing bars, elastomeric bearing pads, and coating of steel components. Prepared plans, specifications, and opinions of probable construction cost (OPCC). Managed 4 inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Developed adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement. Designed emergency deck repairs to replace failed expansion joint with only weekend road closures. Prepared change orders and project closeout documentation.			

John Karlin, SE, PE (Continued)

05/19 – 09/21	Lake Pontchartrain Causeway Southbound Bridge Rail Improvements Owner: GNOEC. Scope: Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. Cost: ≈\$40,000,000. Role: Construction Engineer. Inspected temporary lane closures of over 10 miles long. Managed 10 inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; managed inventory for ≈\$19,000,000 of stockpiled raw materials; inspected fabricated steel posts and rails prior to installation; coordinated construction materials testing; prepared change orders; and prepared project closeout documentation.
10/23 – 01/24	H.004791 – Belle Chasse Bridge and Tunnel Replacement (Public-Private Partnership Project) Owner: United States Army Corps of Engineers (USACE)/LaDOTD. Scope: Replacement of 2-lane vertical lift Judge Perez Bridge and 2-lane Belle Chasse Tunnel with 4-lane fixed bridge over GIWW. Cost: ≈\$130,000,000. Role: Safety Assurance Review (SAR) Panel Lead Structural Reviewer. Led structural review in accordance with USACE SAR requirements. Visited site; reviewed plans, specifications, and structural analyses/calculations for vertical lift bridge demolition, tunnel decommissioning, and replacement of tunnel flood gates with permanent floodwalls considering the effect of construction on nearby existing levees and floodwalls; and identified potential public safety issues.
11/24 – Present	Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Coating of portion of 1950s elevated interchange (2 ramps and 4 lane overpass), including containment system installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning; and application of a three-coat system. Cost: ≈\$5,400,000. Role: Coating Quality Assurance Manager. Reviewed submittals, including Contractor's quality control plan, surface preparation and coating application plans, and quality control documentation. Performed coating inspections, including visual inspections and environmental conditions, soluble salts, surface profile, and dry film thickness testing.
04/20 – 03/22	Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Construction Engineer. Performed reinforcement inspections. Reviewed RFIs and submittals. Assisted with review of pay applications and preparation of change orders and project closeout documentation.
12/21 – 01/24	Nashville Avenue Wharf "A" Substructure Repairs Phase 2 (CMAR) Owner: Port of New Orleans. Scope: Structural inspection and evaluation and rehabilitation of 1960s wharf along Mississippi River (5,375 steel piles, approximately 1,000,000 square foot reinforced concrete deck, and 2,400 foot long reinforced concrete bulkhead). Cost: ≈\$25,000,000 (est.). Role: Project Manager and Lead Structural Engineer. Led above water and underwater inspections. Managed 10 inspectors and 4 divers; evaluated CMAR contractor value engineering proposals; performed inspections; and reviewed RFIs and submittals.
04/19 – 07/20	St. Andrew Street Wharf Erosion Mitigation Project Owner: Port of New Orleans. Scope: Installation of bulkhead consisting of 50-foot long steel sheet pile wall and reinforced concrete pile cap and PCC pavement roadway repairs along the Mississippi River (1,600 feet long). Cost: ≈\$3,800,000. Role: Project Manager and Lead Construction Engineer. Led construction engineering and inspection. Managed inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; prepared change orders; and prepared project closeout documentation.
09/22 – 01/24	Florida Avenue Bridge Roadway, Settlement, and Paint Repairs Owner: Port of New Orleans. Scope: Rehabilitation of Florida Avenue Bridge (vertical lift bridge over IHNC). Role: Structural Engineer. Inspected superstructure of approach spans and expansion joint damage at fixed/vertical lift interface. Assisted with preparation of structural repair details to approach spans and expansion joints.

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by  Horizon Engineering, LLC				
Name	Jeff Puissegur		Years of relevant experience with this employer	<1
Title	Senior Inspector		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		Bachelor of Arts / 1999 / Social Science Associate of Arts / 1996 / Business Management		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Role: Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
2008 – Present	- Over 16 years of inspection experience, including many recent LaDOTD and LPA CE&I projects. - Certified by LaDOTD in Embankment and Base Course, PCC Paving, and HMA (Asphalt Concrete) Paving (currently pursuing Structural Concrete certification) - Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger.			
05/19 – 08/20	H.011798.6 – Airline Park Blvd (Caphor – W Napoleon) Owner: Jefferson Parish (LaDOTD LPA project). Scope: Replacement of asphalt roadway and PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps); drainage, sewer, and water improvements; and installation of drainage pump station and associated canal bank sheeting and riprap. Cost: ≈\$6,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.			
01/22 – 02/23	H.007273.6 – Magazine St (Leake Ave to East Drive) Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of asphalt roadway with PCC pavement roadway (including curb, driveways, sidewalks, and curb ramps) and drainage, sewer, and water improvements. Cost: ≈\$5,900,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.			
07/16 – 05/20	Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			

16. STAFF EXPERIENCE (CONTINUED)

Jeff Puissegur (Continued)

01/13 – 04/16	Jefferson Parish Submerged Roadways Program Owner: Jefferson Parish. Scope: Evaluation of Hurricane Katrina related roadway damage and repair/replacement of deficient roadways (85 PCC pavement streets and 8 miles of asphaltic concrete roadway). Cost: ≈\$50,000,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway; and assisted with the preparation of project closeout documentation.
01/24 – 05/24	H.011779.6 – Power Blvd Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicyclist truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; and assisted with the review of RFIs.
06/23 – 12/23	H.014315.6 – Grafton Drive Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curb, driveways, and curb ramps. Cost: ≈\$1,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.
11/23 – 02/24	H.014317.6 – Carey St. Pavement Rehabilitation Owner: City of Slidell (LaDOTD LPA project). Scope: Repair/replacement of deficient PCC pavement panels, curb, driveways, and curb ramps. Cost: ≈\$970,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.
08/24 – 11/24	H.014642.6 – PR 929 Overlay: US 61 – Parker Rd. Owner: Ascension Parish (LaDOTD LPA project). Scope: Milling, patching, and overlay of asphalt road (≈2.4 miles). Cost: ≈\$1,100,000. Role: Inspector. Performed inspections. Reviewed quantities. Prepared daily work records (DWRs). Assisted with the review of RFIs. Prepared redline as-built plans.
09/16 – 02/17	H.007277.6 – Lake Forest Boulevard Owner: City of New Orleans (LaDOTD LPA project). Scope: Replacement of PCC pavement roadway; asphalt roadway milling and overlay; and drainage, sewer, and water improvements. Cost: ≈\$490,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.
01/21 – 12/21	Milneburg Group B (FRC) Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$8,300,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by  Horizon Engineering, LLC				
Name	Keith Schulz		Years of relevant experience with this employer	<1
Title	Inspector		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		Bachelor of Science / 2012 / Construction Management		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Role: Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).		
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).			
06/12 – Present	- Over 12 years of inspection experience, including many road projects. - Certified by LaDOTD in HMA (Asphalt Concrete Paving) (successfully completed all written exams and performance evaluation with District 62 by 2/5/2025 and is currently awaiting processing of paperwork by DOTD for certification card).			
04/21 – 12/21	Milneburg Group B (FRC) Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$8,300,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); and prepared redline as-built plans.			
04/21 – 09/21	Mid-City Group B Streets Owner: City of New Orleans. Scope: Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (111 blocks). Cost: ≈\$24,000,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); and prepared redline as-built plans.			
04/21 – 05/23	Black Pearl Group B Streets Owner: City of New Orleans. Scope: Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; and drainage, sewer, and water improvements (18 blocks). Cost: ≈\$6,600,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); and prepared redline as-built plans.			
09/20 – 04/21	Audubon Group A Streets Owner: City of New Orleans. Scope: Replacement of asphalt roads; patching and mill and overlay of asphalt roads; patching of PCC pavement; repair of curbs, sidewalks, and driveways; installation of ADA compliant curb ramps; and drainage, sewer, and water improvements (89 blocks). Cost: ≈\$9,400,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); prepared redline as-built plans; and assisted with the preparation of project closeout documentation.			

Keith Schulz (Continued)

02/22 – 04/22	Extension of Taxiway Golf and Taxiway Bravo NOAB Project No. TWY G-1234 & TWY B-1235 Owner: New Orleans Aviation Board. Scope: Extension of Taxiway Golf to the end of Runway 11 (≈1,500 feet), extension of Taxiway Bravo to Taxiway Golf, and associated lighting and signage improvements. Cost: ≈\$50,000,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); and prepared redline as-built plans.
01/17 – 09/20	Heavy Civil Construction Experience Scope: Various heavy civil construction projects, including demolition, pile driving, earthwork, drainage, utilities, asphalt pavement, and PCC pavement. Role: Multiple roles, including Project Manager and Estimator. Reviewed bid advertisements and prepared quantity takeoffs. Reviewed plans and specifications and prepared work plans for field personnel. Managed field personnel and coordinated with subcontractors. Resolved field and contract issues with owner and field personnel. Prepared RFIs, submittals, and change order requests.
01/16 – 01/17	Surveying Experience Scope: Surveying for various site development, road, and drainage projects. Role: Survey Technician. Assisted with topographic surveying, including establishing vertical and horizontal control, obtaining elevations, and locating visible utilities.
06/12 – 01/16	Residential Construction Experience Scope: Various residential construction projects. Role: Multiple roles, including Quality Control Field Manager and Quality Control Field Representative. Performed inspections and observed inspections by others. Coordinated inspections and non-destructive testing with owner and subcontractor personnel. Verified that necessary quality control records, acceptance certificates, mechanical completion certificates, and other documentation for specific building systems were prepared and documented. Assisted with identification and resolution of nonconforming work, including preparation of corrective action plans.

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by  Horizon Engineering, LLC				
Name	Anthony St. Philip		Years of relevant experience with this employer	<1
Title	Senior Inspector		Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization		Bachelor of Science / 1980 / Industrial Management Technology		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Role: Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/23 – Ongoing	RR 215: Dillard Group A & B (RR031/RR032) Owner: City of New Orleans. Scope: Road reconstruction, asphalt milling and overlay, road patching, and associated drainage, sewer, and water improvements for 188 city blocks in the vicinity of Dillard University. Cost: ≈\$40,000,000. Role: Lead Inspector. Inspected base course installation, PCC pavement installation, asphalt milling and overlay, asphalt patching, PCC pavement patching; drainage pipe, drainage structure, curb, driveway, and sidewalk installation; and pavement marking installation. Reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			
06/21 – 12/21	Milneburg Group B (FRC) Owner: City of New Orleans. Scope: Replacement of asphalt roadway and drainage, sewer, and water improvements. Cost: ≈\$8,300,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with materials sampling and coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to utilities and drop inlets, manholes, and other drainage structures in the roadway; prepared redline as-built plans; and assisted with the preparation of project closeout documentation.			
05/20 – 06/21	Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and roadway, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			
05/10 – 05/14	Tidewater Road Reconstruction Owner: Plaquemines Parish. Scope: Construction of new 12” concrete road outside of flood protection (3 feet higher than original road to reduce flooding), detour road, and waterline relocation (≈2.5 miles long). Cost: ≈\$20,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily work records (DWRs); assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.			

Anthony St. Philip (Continued)

06/21 – 02/22	RR133 and RR136 Pines Village Group A and Plum Orchard Group D Waterline Replacement Program Owner: SWBNO. Scope: Replacement of water mains and house connections (8,000' of 8" diameter and 2,400' of 12" diameter water mains). Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.
09/05 – 09/07	17th Street Canal Floodwall Breach Repairs (Emergency, Interim, and Permanent) Owner: USACE. Scope: Emergency closure of floodwall breach, interim sheet pile at Old Hammond Highway Bridge and breach, interim pump station (2,500 CFS to 4,000 CFS to 7,500 CFS in 3 phases), and permanent T-wall to replace breached I-wall, all under a significantly compressed schedule. Cost: ≈\$150,000,000. Role: Lead Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; and assisted with the preparation of project closeout documentation.
02/22 – 06/22	Nashville Avenue Wharf "A" Substructure Repairs Phase 2 (CMAR) Owner: Port of New Orleans. Scope: Structural inspection and rehabilitation of 1960s wharf along Mississippi River (5,375 steel piles, approximately 1,000,000 square foot reinforced concrete deck, and 2,400 foot long reinforced concrete bulkhead). Cost: ≈\$25,000,000 (est.). Role: Inspector and Quality Assurance Reviewer. Inspected steel pipe piles, H-piles, tube piles, and associated bracing; grouted FRP pile jackets and concrete pile jackets; reinforced concrete drop panels, pile caps, bottom of deck, and bulkhead; and timber fender piles from both land and water in accordance with ASCE MOP 130 and project specific criteria. Performed quality assurance review of inspection data, including damage ratings, photos, and notes.

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by  Horizon Engineering, LLC				
Name	Evan Mire		Years of relevant experience with this employer	<1
Title	Inspector		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		Bachelor of General Studies / 2013		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Role: Inspector Responsibilities: Inspection and construction documentation (including HeadLight and SiteManager duties).		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/21 – 02/23	Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive Owner: Jefferson Parish. Scope: Structural inspection and evaluation and rehabilitation of 1950s elevated interchange (2 ramps and 4 lane overpass). Cost: ≈\$13,000,000. Role: Inspector. Performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; assisted with the review of RFIs; assisted with the development of adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement; assisted with the inspection, coordination, and development of field adjustments for emergency deck repairs to replace failed expansion joint with only weekend road closures; and assisted with the preparation of project closeout documentation.			
10/19 – 01/21	Lake Pontchartrain Causeway Southbound Bridge Rail Improvements Owner: GNOEC. Scope: Installation of enhanced steel bridge rails and other miscellaneous repairs (48 miles of steel rail) while maintaining ADT of over 20,000. Cost: ≈\$40,000,000. Role: Inspector. Inspected temporary lane closures of over 10 miles long; performed inspections; reviewed quantities; prepared daily reports; assisted with coordination of construction materials testing; and assisted with the review of RFIs.			
05/22 – 06/22	Nashville Avenue Wharf “A” Substructure Repairs Phase 2 (CMAR) Owner: Port of New Orleans. Scope: Structural inspection and evaluation and rehabilitation of 1960s wharf along Mississippi River (5,375 steel piles, approximately 1,000,000 square foot reinforced concrete deck, and 2,400 foot long reinforced concrete bulkhead). Cost: ≈\$25,000,000 (est.). Role: Inspector. Inspected steel pipe piles, H-piles, tube piles, and associated bracing; grouted FRP pile jackets and concrete pile jackets; reinforced concrete drop panels, pile caps, and bottom of deck; and timber fender piles from both land and water in accordance with ASCE MOP 130 and project specific criteria.			
04/23 – 05/23	US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study Owner: Jefferson Parish. Scope: Traffic study in accordance with LADOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). Fee: ≈\$195,000. Role: Field Technician. Installed and removed volume count, turning movement count, and driveway/median opening count equipment.			

NAME: Alec Carter O'Brien, PE		TITLE: Project Engineer		FIRM EMPLOYED BY: Royal Engineers and Consultants, L.L.C.	
YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER: 5				YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(s): 10	
DEGREE(S) / YEARS / SPECIALIZATION: BS / 2013 / Civil Engineering					
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE: 43647 / LA / 3-31-2026				YEAR REGISTERED: 2019	DISCIPLINE: Civil
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES: Project Engineer, MPR 4 / Roadway Lead and All Task Order Delivery					



EXPERIENCE DATES (mm/yy – mm/yy)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT (“designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s))
15 Years of Experience	Mr. O'Brien is a licensed Engineer with 15 years of heavy civil, roadway, drainage, and bridge construction management and design experience. Mr. O'Brien has led, from Project Kickoff to Closeout, dozens of CE&I and Construction Management projects for DOTD, FEMA, the Port of New Orleans, and various municipalities. He has extensively worked in structural concrete, asphalt paving, PCCP, catch basins, drainage, and sidewalk projects. CERTIFICATIONS: ATSSA Traffic Control Supervisor, ATSSA Traffic Control Technician, and Certified Flagger
06/23 – Ongoing	Lafayette Parish Non-State Pavement Markings (CE&I) DOTD Contract H.015018.5 (Entity) SCOPE: Providing contract administration and CE&I services for the construction and restriping of 14 miles of roadway along Cajundome Blvd., East Pinhook Rd./Teurlings Ave., Kaliste Saloom Rd., Mudd Ave., and Gendarme Rd. ROLE: Engineer. Responsible for CE&I deliverables, including management of inspectors, compliance with plans and specifications, QA/QC, reporting and document control, RFIs, change order requests, and as-builts.
05/24 – Ongoing	Crescent City Connection Decorative Lighting Project (CE&I) DOTD Contract H.015504.6 SCOPE: Royal provides leadership and staff for CE&I for a new, LED, decorative lighting system for the Crescent City Connection bridge at a cost of \$20.7million. Hurricane Ida surged the electrical system resulting in the installation that features lights on the trusses and illuminating the piers. ROLE: Engineer. As Project Lead, responsible for all CE&I deliverables and QA/QC for all of them (maintaining the project schedule, and all contractor coordination and oversight). Supervises inspectors and Project Office Manager.
06/23 – Ongoing	US 90Z Harvey Canal Tunnel Rehabilitation (CE&I) DOTD Contract H.010673 SCOPE: Royal serves as a subconsultant providing CE&I services for the rehabilitation of the Harvey Canal Tunnel and its approaches along US 90Z in Jefferson Parish. The approximately \$50million rehabilitation includes new tile lining, drainage pumps, pavement, structural, electrical and ventilation systems. ROLE: Engineer. Responsible for CE&I deliverables (management of inspectors, compliance with plans and specifications, QA/QC of field reports, conducting progress meetings with contractors, and maintaining project schedule).

04/18 – 02/20	St. Gabriel Roadway Repair: Phase 5 City of St. Gabriel, LA SCOPE: CE&I services for the restoration of four roadways and the full reconstruction of one roadway. The scope consisted of existing asphalt cold planing, lime and soil cement treatments, asphalt binder and wearing overlay. ROLE: Engineer. Responsible for construction management, assisted in design alterations during construction, and produced as-built drawings for post-construction closeout.
01/19 – 08/19 <i>Previous Employer</i>	I-10 Widening, LA 347 to Atchafalaya Floodway Bridge Route (CE&I) St. Martin Parish, LA SCOPE: Covered 3.436 miles, costed \$52million, and widened/reconstructed four structures and the east/west-bound lanes. ROLE: Engineer Intern. Responsible for Critical Path Method (CPM) schedule review.
08/14 – 08/16 <i>Previous Employer</i>	US-51 Business Roundabouts DOTD Contract H.003432 SCOPE: Construction management for roundabout installation on U.S. 51 Business at the intersection of I-12 in Hammond. ROLE: Engineer Intern. Served as a Field Engineer responsible for problem identification, resolution on-site, prepared concrete/asphalt mix designs, traffic control design, updating monthly CPM schedule, and preparing as-builts.
11/15 – 06/16 <i>Previous Employer</i>	Thompson Road Extension Phase 2 Terrebonne Parish, LA SCOPE: The project connected Grand Caillou Rd to Little Caillou Rd in Terrebonne Parish with an asphalt surfacing over a previously surcharged embankment (phase 1). The 2.7-mile roadway crosses the Bayou Petit Gaillou canal via the installed bridge. The approaches and overall footprint of the bridge area were wick drained to expedite settlement. ROLE: Senior Field Engineer responsible for overall project management during the surcharging, wick draining, and bridge installation phase. Mr. O'Brien managed the bridge and ground improvement portion providing settlement plate measurements, grid layout, and quality control during construction.
05/12 – 12/15 <i>Previous Employer</i>	Industrial Blvd to Thompson Road DOTD Contract H.002232 SCOPE: The 1.853-mile project replaced and upgraded drainage structures within the project limits to allow for expanding and adding additional lane capacity through the area. ROLE: Field Engineer Intern responsible for quality control during drainage and utility installation. The project encountered numerous conflicts during construction that required RFI and in field adjustments to allow for the drainage improvements to be successful Mr. O'Brien assisted with this effort.
04/18– 08/18 <i>Previous Employer</i>	I-10 / W Pearl River DOTD Contract H.009597 SCOPE: Assisted Project Manager with review of project's Critical Path Method (CPM) schedule. ROLE: Engineer Intern. Responsible for review of submitted baseline and updated schedule to ensure means and methods were reasonable.
07/16 – 07/18 <i>Previous Employer</i>	I-10 Twin Spans ITS DOTD Contract H.011503 SCOPE: Construction Engineering and Inspections for an Intelligent Transportation System on Twin Span Bridge. ROLE: Engineer Intern. Responsible for responding to RFIs throughout construction, providing DOTD with suggested solutions to RFIs, generating DOTD Site Manager monthly estimates, reviewing Site Manager diaries, and reviewing project chang order and submitting them to DOTD for approval. Compiled all project documentation.

NAME: Gary Brouillette		TITLE: Senior CE&I Inspector		FIRM EMPLOYED BY: Royal Engineers and Consultants, L.L.C.	
YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER: 2		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S): 15			
DEGREE(S) / YEARS / SPECIALIZATION: BS / 2007 / Construction Management					
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE: N/A			YEAR REGISTERED: N/A		DISCIPLINE: N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES: Inspector - Lead / Inspections					



EXPERIENCE DATES (mm/yy – mm/yy)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT (“designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s))
17 Years of Experience	Mr. Brouillette is a senior construction inspector in heavy civil construction with 17 years of field experience. Gary has extensive experience performing construction inspections for roadway enhancement projects. CERTIFICATIONS: LADOTD Embankment and Base Course Inspector, LADOTD Structural Concrete Inspector, LADOTD Asphalt Paving Inspector/Technician, LADOTD PCC Paving Inspector, Traffic Control Supervisor, Traffic Control Technician, ATSSA Registered Flagger, 10 Hour Occupational Health and Safety Training Course
05/24-Ongoing	Crescent City Connection Decorative Lighting Project (CE&I) DOTD Contract H.015504.6 SCOPE: Royal provides leadership and staff for CE&I for a new, LED, decorative lighting system for the Crescent City Connection bridge at a cost of \$20.7million. Hurricane Ida surged the electrical system resulting in the installation that features lights on the trusses and illuminating the piers. ROLE: Inspector-Lead. Responsible for daily observation of construction, daily reporting, quantity tracking, and progress inspection to ensure compliance with plans and specifications.
03/23 – 06/23	Safe Routes to Schools – Phases I and II Baton Rouge and Independence, Louisiana DOTD: H.006499 and H.010108 SCOPE: Roadway enhancement to improve pedestrian/nonvehicular access to schools. The projects included repair and construction of sidewalks, driveways, earthwork, grading, drainage, striping, and handicapped ramps with an estimated cost of \$1.7 million. ROLE: Inspector - Certified. Responsible for field oversight and construction inspection (tracking progress/quantities, preparing daily reports, attended all progress meetings, and maintaining project diary).
03/21 – 04/22	RR3 – Lake Terrace & Oaks Group D No. 2017 – RR072 City of New Orleans Department of Public Works SCOPE: CE&I services for \$7million installation of a new sewer/drainage system, water main replacement, manhole rehabilitation, new manhole and VMNV catch basin structures, new PCCP roadway construction including base/subbase materials, sidewalk/driveway replacement. ROLE: Resident Inspector. Responsible for Inspection of construction, including tracking work progress and quantities, preparing daily reports and maintaining project diary. Attended all progress meetings.

06/18 – 04/20	Bonnabel Canal Improvements Metairie, Louisiana SCOPE: CE&I for \$4.2million installation of a 3000 linear ft. steel sheet pile wall, embankment and base course installation, slope paving, concrete curb wall, drainage pipe extensions, and 6’ chain link fence. ROLE: Resident Project Representative. Provided field oversight of all construction, reviewed monthly pay estimates with contractor and Project Engineer, scheduled progress/field site meetings, formulated punchlist for final inspection/project acceptance.
04/17 – 03/18	Airline Park Boulevard in Metairie DOTD: H.009028 SCOPE: Construction oversight of \$6.2million roadway rehabilitation that included removal of PCC pavement, class II base course installation, various size RCP/RCPA installation, new drainage pump station structure and generator pad, roadway structures (manholes, catch basins, conflict boxes, and sewer service/water main relocations). ROLE: Resident Project Representative. Attended pre-construction conference and weekly progress meetings, performed inspections during construction, and led field site meetings.
11/15 – 05/16	Old Behrman Highway in Gretna DOTD: H.011759 P2P SCOPE: Field oversight for complete restoration of Old Behrman Hwy. The project included PCC pavement, asphalt patching, cold planing, asphalt paving, and ADA handicap ramp construction. ROLE: Senior Inspector. Coordinated construction phases with contractor, attended pre-construction conference, weekly progress/field site meetings, formulated final inspection/ project acceptance punchlist, assisted “2059” closeout.

NAME: Jeffrey Monfrey	TITLE: Lead Inspector	FIRM EMPLOYED BY: Royal Engineers and Consultants, L.L.C.
YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER: 2	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(s): 26	
DEGREE(S) / YEARS / SPECIALIZATION: N/A		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE: N/A	YEAR REGISTERED: N/A	DISCIPLINE: N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES: Inspector - Lead / Inspections		





EXPERIENCE DATES (mm/yy – mm/yy)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT (“designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s))
28 Years of Experience	Mr. Monfrey has nearly 30 years of experience in various road and bridge construction environments. He has provided resident and construction services for roadway and structural projects. CERTIFICATIONS: LADOTD Structural Concrete Inspector, Embankment and Base Course Inspector, PCC Paving Inspector, and Asphalt Paving, Inspector/Technician. Bridge Inspector’s Training Course. ATSSA Work Zone Traffic Control Supervisor, ATSSA Traffic Control Technician, and Certified Flagger
03/23 – Ongoing	US 90Z Harvey Canal Tunnel Rehabilitation (CE&I) DOTD Contract H.010673 SCOPE: Royal serves as a subconsultant providing CE&I services for the rehabilitation of the Harvey Canal Tunnel and its approaches along US 90Z in Jefferson Parish. The approximately \$50million rehabilitation includes new tile lining, drainage pumps, pavement, structural, electrical and ventilation systems. ROLE: Resident Inspector. Mr. Monfrey observes construction, (new tile lining, drainage pumps, pavement, and ventilation systems), prepares daily reports, inspects progress, and attends all progress meetings.
08/23 – Ongoing	Lafayette Parish Non-State Pavement Markings (CE&I) DOTD Contract H.015018.5 (Entity) SCOPE: Providing contract administration and CE&I services for the construction and restriping of 14 miles of roadway along Cajundome Blvd., East Pinhook Rd./Teurlings Ave., Kaliste Saloom Rd., Mudd Ave., and Gendarme Rd. ROLE: Resident Inspector. Mr. Monfrey provided daily observation/reporting, quantity tracking, and progress inspection.
02/19 – 04/23	2013-011-RB: Causeway Blvd. Overpass of Airline Dr. Jefferson Parish Public Works SCOPE: Rehabilitated Ramps 6, 7, and overpass of Causeway Boulevard Overpass at Airline Drive. ROLE: Resident Inspector. Mr. Monfrey observed construction (structure jacking, span movement, reinforced concrete riser, girder strengthening, bridge deck joint sealing, epoxy-urethane overlay, and bridge drainage rehabilitation), prepared daily reports, inspected progress, attended all progress meetings, and noted daily work items/quantity comparison.
12/01 – 07/20	Southbound Causeway Safety Rail Improvements GNOEC 433 SCOPE: The project included construction administration and resident inspection for the improvement of the bridge railing system to MASH Test Level 4, concrete railing repair, impact attenuator replacement, sign/support relocation, call box modification, pavement marking/access platform installation, progress meeting organization, submittals review (construction schedules, RFIs, plan changes, and materials), and partial pay estimate processing. ROLE: Resident Inspector. Mr. Monfrey observed construction, produced daily reports, and safety/TTC removal/installation reviews.

04/19 – 06/20	Westwood Drive (WB Expressway to Lapalco) DOTD Contract H.011795 SCOPE: Construction of 0.648 mi. of roadway including 20,516 sq. yds. of PCC pavement with barrier/mountable curb, gutter, class II base course, drainage pipes/structures, sanitary sewer, and tie-in to north-end Westbank Expwy. and south-end Lapalco Blvd. ROLE: Construction Inspector. Mr. Monfrey maintained construction records (daily project diary entries to indicate contractor personnel/utilized equipment/accepted work/traffic control acceptability) and charged contract time.
10/18 – 03/20	Canal Boulevard (Allen Toussaint Boulevard– Amethyst) (CE&I) DOTD Contract H007271.6 SCOPE: Provided construction administration, engineering, and inspection to reconstruct four lane divided boulevard including grading, drainage structures, concrete/milling asphalt/PCC pavement, pavement patching, class II base course, scarifying/compacting roadbed, cofferdams, stormwater pumping station, pavement striping, sign/legends/symbols. ROLE: Construction Inspector. Mr. Monfrey responded to RFIs/to limit effect of unforeseen site conditions, visited site, performed substantial completion inspections, and negotiated change orders.
01/11 – 12/15	Lake Pontchartrain Causeway Bascule Control System Replacement GNOEC, St. Tammany and Jefferson Parishes, LA SCOPE: Designed control system to allow operator control of bascule bridge system at N. Channel of Lake Pontchartrain Causeway. ROLE: Mechanical Inspector. Mr. Monfrey inspected control system to make sure it retained all mechanical/procedural interlocks.
06/95 – 08/06	DOTD Bridge Inspections District-wide, LA SCOPE: Repaired and replaced bridges for all fixed/moveable bridges (On & Off Systems) for the entire District 02 area in Louisiana. ROLE: Lead Inspector. Supervised team of inspectors performing bridge substructure, superstructure, and decking inspections
10/07 – 02/13	Huey P. Long Bridge Widening DOTD Contracts 006-01-0012, 003-01-0018, 006-01-0021, 006-01-0022, Jefferson Parish, LA SCOPE: Mr. Monfrey was a Senior Bridge Inspector assigned to the Huey P. Long Bridge widening projects. ROLE: Senior Bridge Inspector. Mr. Monfrey supervised the inspection of structural steel erection and bolting, structural concrete construction, embankment and base course construction, concrete paving, and asphaltic concrete paving.

NAME: Chaz Dunn		TITLE: Resident Inspector		FIRM EMPLOYED BY: Royal Engineers and Consultants, L.L.C.		
YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER: 3		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(s): 9				
DEGREE(S) / YEARS / SPECIALIZATION: BS / 2012 / Geology						
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE: N/A		YEAR REGISTERED: N/A		DISCIPLINE: N/A		
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES: Inspector / Inspections						
EXPERIENCE DATES <i>(mm/yy – mm/yy)</i>	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT <i>("designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s))</i>					
12 Years of Experience	Mr. Dunn is an experienced resident inspector, documents all construction activities and material quantities, and assists in payment request evaluation.					
09/23 – Ongoing	MoveBR Jefferson Highway at Bluebonnet Boulevard East Baton Rouge Parish, LA SCOPE: This project which includes widening Bluebonnet Boulevard at Jefferson Highway in Baton Rouge to add an additional turning lane to both the northbound and southbound directions of Bluebonnet. ROLE: Resident Inspector					
08/21 – Ongoing	FEMA Roadway Restoration Program Department of Public Works, New Orleans, LA SCOPE: The Royal team provides construction management and resident inspection for FEMA's roadway program including associated subsurface drainage, sewerage, and water repairs. Construction is performed by multiple contractors under contract by DPW and overseen by Royal. Royal is providing all construction/data management, reporting, platform deployment, QA, administration, pay applications, and closeout. ROLE: Inspector. Mr. Dunn supports on-site and back-office personnel including construction managers and resident inspectors.					
10/22 – Ongoing	Construction Management Services for Jourdan Rd Wharf Terminal Substructure Repairs Port of New Orleans SCOPE: Royal was responsible for construction management services, including constructability reviews, document control, field representation, supporting Port NOLA with project close out for the repair of the substructure of the wharf at the Jourdan Rd. Terminal on the Gulf Intracoastal Waterway in New Orleans. ROLE: Resident Inspector responsible for constructability reviews, document control, field representation, and closeout.					
01/23 – Ongoing	Construction Management and Estimating Services for Nashville Wharf A Substructure Repairs, Phase 2 Port of New Orleans SCOPE: Royal was responsible for construction management including cost estimating, constructability reviews, document control, field representation, and supporting Port NOLA with project closeout for the repair of the substructure of the Nashville Wharf "A" facility located on the Mississippi River in New Orleans, LA. ROLE: Resident Inspector responsible for cost estimating, constructability reviews, document control, field representation, and closeout					

10/19 – Ongoing

RR004 Bayou St. John Roadway Restoration for Fairgrounds & Seventh Ward Group B | City of New Orleans Department of Public Works

SCOPE: Royal provided construction management for the \$23million FEMA-funded roadway improvements, one of the largest in the city. The project area covers 110 city blocks and is estimates 29,000 sq. yds. of asphalt, 18,000 sq. yds. of concrete. It will require replacement of roadway pavement, water/sewer lines, and drainage. The work also includes modifications to improve consumer mobility related to the Americans with Disabilities Act (ADA).

ROLE: Resident Inspector. Mr. Dunn documents all construction and material quantities in-place, assists the contractor payment request evaluation, tests/maintains quality testing records, submits daily inspection reports, and observes job-site safety.

NAME: Andrew Dondis	TITLE: Inspector	FIRM EMPLOYED BY: Royal Engineers and Consultants, L.L.C.	
YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER: 1	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S): 12		
DEGREE(S) / YEARS / SPECIALIZATION: N/A			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE: N/A	YEAR REGISTERED: N/A	DISCIPLINE: N/A	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES: Inspector / Inspections			
EXPERIENCE DATES <i>(mm/yy – mm/yy)</i>	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT <i>("designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s))</i>		
13 Years of Experience	Experienced in conducting inspections and surveys on roadways, taxiways, bridges, and other infrastructure, including DOTD projects. Proficient in using various testing equipment, such as total stations and levelers, to ensure structural integrity and compliance with relevant codes. Assisted civil engineers in the preparation of engineering plans by collecting data, performing calculations, and producing drawings. Compiled comprehensive reports on infrastructure conditions, analyzed environmental impact studies, and investigated public complaints related to flooding and roadway issues. Participated in stakeholder meetings to align project goals and objectives, and communicated effectively with team members throughout all phases of project development. Skilled in interpreting aerial photographs and satellite imagery for land-use planning and zoning applications. CERTIFICATIONS: Traffic Control Supervisor, Traffic Control Technician, Nuclear Gauge Safety Certification, Hazmat Certification		
05/23 – 10/23	Phase 1 Kansas Lane Extension – Monroe, LA DOTD: H.007289 Inspector. Inspected 4-lane median construction, railroad crossing (0.5 miles); asphalt paving, concrete embankment, QC, proctors, densities, concrete testing, asphalt coring. DNJ Contractor.		
08/22 – 10/22	LA1 Port Allen Bridge DOTD: H.001234.6 Inspector. Conducted girder inspections, concrete pile footers, pillars, caps, and bridge header work. Managed traffic control, concrete pouring, and asphalt work.		
05/23 – 08/23	US Hwy 165 Turning Lane Sterlington, LA Inspector. Inspected asphalt paving, embankment work, and the addition of a turning lane (0.25 miles) for school traffic.		
05/23 – 10/23	US11 and US190 Bicycle and Pedestrian Crossings DOTD: H.011775.6 Inspector. Inspected embankment work, densities, nuclear gauge, and proctor testing.		
02/23 – 07/23	H.014723 Houma Terrebonne Airport, Taxiway Echo and Foxtrot Rehab DOTD: H.014723 Inspector. Inspected concrete paving (0.25 miles), embankment work, underground electrical, trenching, and boring for new lighting.		
12/21	False River Airport Mill and Overlay Inspector. Oversaw full runway asphalt milling, overlay, and turnout work.		

NAME: Kendrick Manchester		TITLE: Inspector		FIRM EMPLOYED BY: Royal Engineers and Consultants, L.L.C.	
YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER: 2			YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(s): 17		
DEGREE(S) / YEARS / SPECIALIZATION: N/A / N/A / N/A					
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE: N/A / N/A / N/A				YEAR REGISTERED: N/A	DISCIPLINE: N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES: Inspector					



EXPERIENCE DATES <i>(mm/yy – mm/yy)</i>	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT <i>("designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s))</i>
19 Years of Experience	CERTIFICATIONS: Transportation Worker Identification Credential, Construction Site Safety Technician, Electrical Safety Certification, Confined Space Entry Certification, Traffic Control Supervisor, Traffic Control Technician
04/23 – Ongoing	Transmission Main Project Meyer Engineers Ltd. SCOPE: This project replaces or upgrades several thousand Linear feet of 30", 48", various distribution water lines, valves, and pavement restoration. ROLE: Inspector. Mr. Manchester serves as the Resident Inspector. Kendrick ensures that the contractor follows all applicable DPW, SWB, and AWWA specifications are met during the project along with field measurement of placed quantities. This project is ongoing.
04/23 – Ongoing	Roadway Restoration Program City of New Orleans SCOPE: Royal provided construction management services for the \$23 million FEMA-funded roadway improvements. The project area covered 110 city blocks and construction estimated 29,000 sq. yds. of asphalt, 18,000 sq. yds. of concrete. It required replacement of pavement, water/sewer lines, and drainage. The project was to improve consumer mobility in compliance with the Americans with Disabilities Act (ADA). ROLE: Inspector
04/23 – Ongoing	Hurricane Laura and Delta Disaster Recovery JDEC SCOPE: Serves as Inspector for JDEC's Hurricane Laura/Delta recovery efforts, inspecting utility construction and acting as a contractor liaison for recovery projects. ROLE: Inspector

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by Royal Engineers and Consultants, L.L.C.			
Name	Lori Barrilleaux		Years of relevant experience with this employer
Title	Lead Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		A.S. / 1991 / Applied Science	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Inspector-Certified. As-needed Construction Inspections.	
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).		
24 Years of Experience	Ms. Barrilleaux has over 20 years of experience providing field inspection services throughout New Orleans. Her experience includes observing construction, providing on-site quality assurance, preparing daily field reports, inspecting work products in accordance with drawings and specifications, and photographing and documenting work progress. Certifications: Certified Flagger, Occupational Safety and Health Administration (OSHA) 10-Hour Construction Safety and Health, Traffic Control Supervisor, Traffic Control Technician		
1/23 – Ongoing	Inspector, Construction Management (CM) and Estimating Services, Nashville Wharf A Substructure Repairs, Phase 1 and 2 – Port of New Orleans Responsible for providing construction inspection and construction management assistance, including cost estimating, constructability reviews, document control, field representation, and supporting Port NOLA with project close out for the repair of the substructure of the Nashville Wharf A facility located on the Mississippi River in New Orleans. Royal provided construction management utilizing a Construction Management at Risk (CMAR) delivery method to oversee the substructure repairs of Nashville Wharf A, which was constructed in 1960-1961 and is approximately 2,400 linear feet long, 214 feet wide, and supported by 5,371 steel piles		
10/22 – Ongoing	Inspector, Construction Management (CM) Services, Jourdan Road Wharf Terminal Substructure Repairs – Port of New Orleans Responsible for providing construction inspection and construction management assistance, including constructability reviews, document control, field representation, supporting Port NOLA with project closeout for the repair of the substructure of the wharf at the Jourdan Road Terminal on the Gulf Intracoastal Waterway in New Orleans. Royal provides construction management for the wharf deck measuring 1,400 linear feet long and 265 feet wide, and consists of pre-cast and cast-in-place elements. Approximately 2,000 open-ended steel pipe piles support the deck and contain an asbestos-filled, fibrous jacket on the top eight feet. The delivery method for the project is Construction Management at Risk (CMAR).		
05/20 - Ongoing	Inspector, As-Needed Construction Management 2020-2024 – Port of New Orleans Poland Avenue Wharf Berths 4 & 5 Fendering System Responsible for inspection and construction management support of the Poland Avenue Wharf project. The project entails pile removal, timber curb removal and replacement, and fender installation. The fendering system being installed is to replace the existing timber chocking and concrete-filled steel pipe piles.		
10/20 – 11/20	Inspector, Clarence Henry Truckway Turnaround Pavement Rehabilitation Responsible for performing daily inspections on roadway rehabilitations, including base excavation and installation, asphaltic concrete mill and overlay, and concrete pavement installation. Royal provides construction administration, construction management, and resident inspection services for this effort as part of an overall \$23 million FEMA funded project covering 110 city blocks and construction estimated at 29,000 square yards of asphalt and 18,000 square yards of concrete, replacing pavement, water/sewer lines, and drainage. The project also aims to improve consumer mobility in compliance with the Americans with Disabilities Act (ADA).		

RESUME – LORI BARRILLEAUX – CONTINUED

11/19 – 6/22	Inspector, Federal Emergency Management Agency (FEMA) Roadway Restoration Program – City of New Orleans Department of Public Works (DPW) Responsible for overseeing contractors in the field, inspecting work products to project drawings/specifications, schedule compliance, and site safety. Royal performs construction management and resident inspection services for the \$23 million FEMA funded project, covering 110 city blocks and construction estimated at 29,000 square yards of asphalt, 18,000 square yards of concrete and the replacement of pavement, water/sewer lines, and drainage. The project also aims to improve consumer mobility in compliance with the Americans with Disabilities Act (ADA).
6/23 – 12/24	Inspector, LADOTD SP NO. H.015018.6 Lafayette Parish Non-State Pavement Markings – Louisiana Department of Transportation and Development (LADOTD) Responsible for daily observation, daily reporting, quantity tracking, and inspection of work progress to ensure the contractor complies with the requirements of the plans and specifications. This project includes restriping of various major roads and intersections within Lafayette Parish.
04/18 – 02/20	Inspector, St. Gabriel Roadway Repair – Iberville Parish Government Responsible for observing construction; providing on-site quality assurance; inspecting, measuring, and appropriately tracking (eligible) work completed for pay requests; ensuring work did not adversely affect utilities, adjacent areas and/or property, etc.; preparing daily field reports, and/or field books; photographing and/or documenting work progress; verifying contractor provided adequate traffic control and site safety procedures; and preparing incident reports. The project provides construction management and engineering services for the restoration of four roadways and the full reconstruction of one roadway.

16. STAFF EXPERIENCE (CONTINUED)

Firm employed by Royal Engineers and Consultants, L.L.C.			
Name	James Hennegan		Years of relevant experience with this employer
Title	Lead Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Inspector-Certified. As-needed Construction Inspections.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
20 Years of Experience	Expertise: Construction Assessments and Inspections, Work Progress Documentation, Reporting. Certifications: ESPC/Stormwater One Certification, DOTD Asphalt Paving Certification, Certified Flagger, OSHA 10-hour Safety Course, Ethics Training - Orleans Parish Sheriff's Office		
11/19 – 6/22	Project Inspector, Federal Emergency Management Agency (FEMA) Roadway Restoration Program – City of New Orleans Department of Public Works (DPW) Responsible for overseeing contractors in the field, inspecting work products to project drawings/specifications, schedule compliance, SWPP reporting and monitoring and site safety. This project was contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the Federal Emergency Management Agency (FEMA) Roadway Restoration Program. The project includes the restoration of parish concrete and asphalt roadways and associated infrastructure (<i>i.e.</i> , sidewalks, driveways, drainage, sewer, and water) that suffered damage during Hurricane Katrina.		
9/24 - Ongoing	Lead Inspector - Quality Assurance Representative, Reach A Levee Construction – United States Army Corps of Engineers (USACE) Responsible for monitoring the contractor's QC documents, daily environmental runoff reporting, silt fencing monitoring, SWPPP enforcement. This project was contracted by the USACE to provide construction management and resident inspection services as part of the Morganza to the Gulf Hurricane and Storm Damage Risk Reduction program, which plans to build over 98 miles of earthen levee.		
9/19 – 3/20	Project Inspector, MaxPave Roadway Program: PM/CM of Utility Rehabilitation – City of New Orleans Department of Public Works (DPW) Responsible for observation of all construction activities for critical work items, preparation of daily field reports, collection and organization of photographic evidence documenting work progress, preparation of detailed reports, documentation of unforeseen items encountered during construction, and coordination with DPW for these items. This project oversaw resident inspection services for the City of New Orleans Department of Public Works (DPW) and Sewerage & Water Board of New Orleans (SWBNO) combined utility rehabilitation initiative, which involved 50 to 75 service cuts weekly to conduct the needed point repairs to the sewer and water infrastructure.		
10/20 – 11/20	Inspector, Clarence Henry Truckway Turnaround Pavement Rehabilitation Responsible for performing daily inspections on roadway rehabilitations, including base excavation and installation, asphaltic concrete mill and overlay, and concrete pavement installation. Royal provides construction administration, construction management, and resident inspection services for this effort as part of an overall \$23 million FEMA funded project covering 110 city blocks and construction estimated at 29,000 square yards of asphalt and 18,000 square yards of concrete, replacing pavement, water/sewer lines, and drainage. The project also aims to improve consumer mobility in compliance with the Americans with Disabilities Act (ADA).		

RESUME – JAMES HENEGHAN – CONTINUED	
6/17 – Ongoing	Project Inspector, DPW Roadway Restoration – City of New Orleans Department of Public Works (DPW) Responsible for overseeing contractors in the field, inspecting work products to project drawings/specifications, schedule compliance, site safety, SWPP inspections and stormwater runoff management. This project was contracted by the City of New Orleans Department of Public Works (DPW) to provide construction management and resident inspection services for the bond-funded Roadway Restoration Program. The project entailed managing a work order system to track and assign all work to the city designated streetlight repair contractor.
05/16 – 12/19	Project Inspector, City of New Orleans Street Light Management Services – City of New Orleans Department of Public Works (DPW) Responsible for training new inspectors on all processes, documentation, and safety regulations, performing inspections and condition assessments of street light fixtures and poles throughout the city, and documenting all findings for DPW. This project supported the City of New Orleans Department of Public Works (DPW) Streetlight Management Services with street light operations in the City of New Orleans. The project entailed managing a work order system to track and assign all work to the city designated streetlight repair contractor.
12/17 – 05/21	Construction Manager, CNO DPW FEMA Road Restoration Milneburg Group B, City of New Orleans Department of Public Works Responsible for overseeing contractors in the field, inspecting work products to project drawing specifications, schedule compliance and site safety.

17. FIRM EXPERIENCE:

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

PROJECT NO. 1			
Firm name	MEYER ENGINEERS, LTD.		Past Performance Evaluation Discipline(s)*
Project name	WB Veterans: Severn Avenue – Clearview Parkway		Firm responsibility (prime or sub?)
Project number	State Project No. H.012783.6	Owner's name	Department of Transportation and Development
Project location	Jefferson Parish DISTRICT 02		Owner's Project Manager
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804; 225-379-1041; Keven.Rizzo@LA.GOV		
Services commenced by this firm (mm/yy)	03/19	Total consultant contract cost (\$1,000's)	\$251
Services completed by this firm (mm/yy)	11/19	Cost of consultant services provided by this firm (\$1,000's)	\$95

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



Meyer Engineers, Ltd. (Meyer) completed Construction Engineering and Inspection Services which included pavement patching, superpave asphaltic concrete, and combination curb and gutter. The work also included cold planing asphalt pavement, concrete walks, handicap curb ramps, striping, loop detectors, guard rail, and new drainage structures.

Veterans Boulevard has many businesses along the corridor. To minimize disruption of these businesses, Meyer worked hand in hand with the contractor, DOTD, and the Jefferson Parish Engineering Department. Meyer also coordinated work and schedules to minimize disrupting football season, as there are many restaurants and bars within the project limits.

Meyer reviewed the Contractor's schedule, reviewed all Requests for Information (RFI), and coordinated with DOTD District 02 and Jefferson Parish Engineering Department.

Meyer completed all close out submittals including Form 2059 and record drawings and performed all documentation on DOTD's Site Manager Program.

Construction Cost: \$2.8M

Team Members: Donovan Duffy, P.E. | David Dupre, P.E. | Justin Bosarge

100% of the work for this project was performed in Louisiana.



17. FIRM EXPERIENCE:

PROJECT NO. 2			
Firm name	MEYER ENGINEERS, LTD.		Past Performance Evaluation Discipline(s)*
Project name	Lapalco Boulevard (Victory-Westwood)		Firm responsibility (prime or sub?)
Project number	State Project No. H.007175	Owner's name	Department of Transportation and Development
Project location	Jefferson Parish DISTRICT 02		Owner's Project Manager
Owner's address, phone, email	200 Mardi Gras Boulevard, New Orleans, LA 70114; 504.376.2610; Corbitt.Hollier@LA.GOV		
Services commenced by this firm (mm/yy)	05/17	Total consultant contract cost (\$1,000's)	\$531
Services completed by this firm (mm/yy)	06/20	Cost of consultant services provided by this firm (\$1,000's)	\$498

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

Meyer Engineers, Ltd. (Meyer) is completed Construction Engineering and Inspection Services for the Lapalco (Victory – Westwood) project. The project scope of work included widening the four-lane section of Lapalco Boulevard from Victory Drive to Westwood Drive by adding a median. The work also included clearing and grubbing, grading, drainage structures, milling, asphalt pavement, patching, class II base course, and related work. The project included many unforeseen utility structures, the locations of which were determined by extensive excavation during the Assembly Period. Meyer was responsible for recording the discoveries on record drawings as well as recording the quantity of excavation for payment purposes.

Due to the project location being encompassed by Jefferson Parish Public Schools on each end of the project limit, constant traffic control monitoring is being provided to minimize traffic disruption. Meyer was responsible for the review of Traffic Control Logs provided by the Contractor. Duties also include reviewing said reports on a weekly basis with Contractor and ensuring Contractor provides monthly report for review.

Meyer served as Project Engineer on behalf of DOTD coordinators and is responsible for documenting minutes of progress meetings, implementing change orders, processing pay requests, monitoring monthly fuel adjustments as well as maintaining record drawings and material testing results for close out of project. Meyer had inspectors responsible for daily recording of field activities, quantifying and documenting pay items, managing sampling plan and coordination of field tests and traffic control.

Construction Cost: \$6.9M

Team Members: Donovan Duffy, P.E. | David Dupre, P.E. | Byron Mackey

100% of the work for this project was performed in Louisiana.



PROJECT NO. 3			
Firm name	MEYER ENGINEERS, LTD.		Past Performance Evaluation Discipline(s)*
Project name	LA 18 (4th St. Ext. – Burmaster)		CE&I/OV
Project number	State Project No. H.001413.6 (CE&I)	Owner's name	Firm responsibility (prime or sub?)
Project location	Jefferson Parish DISTRICT 02	Department of Transportation and Development	Prime
Owner's address, phone, email	200 Mardi Gras Boulevard, New Orleans, LA 70114; 504.376.2610; Corbitt.Hollier@LA.GOV		Owner's Project Manager
Services commenced by this firm (mm/yy)	10/16	Total consultant contract cost (\$1,000's)	Corbitt Hollier
Services completed by this firm (mm/yy)	03/18	Cost of consultant services provided by this firm (\$1,000's)	\$837
			\$837

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

Meyer Engineers, Ltd. (Meyer) completed the Construction Engineering and Inspection Services for LA 18 (4th St. Ext. – Burmaster) in Jefferson Parish. The project included new construction such as grading, concrete pavement, curbs, base course, and subsurface drainage. Additional work included clearing and grubbing, drainage structures, sidewalks, landscaping, light poles, and traffic pavement markings.

Drainage work included over 9,600 LF of concrete drainpipes (up to 96" diameter), trench excavation, safety protection (greater than 5' depth), catch basins, bedding material, concrete headwalls, and riprap.

Meyer utilized DOTD's Site Manager Program and coordinated with DOTD District 02 and Jefferson Parish. Meyer also reviewed and managed shop drawings and Requests for Information (RFI).

Meyer submitted the final submittal package to the DOTD Construction Audit Section, including Form 2059 and as-built drawings.

Construction Cost: \$7.2M

Team Members: Donovan Duffy, P.E. | David Dupre, P.E. | Byron Mackey (Lead Inspector) | Justin Bosarge
100% of the work for this project was performed in Louisiana.



17. FIRM EXPERIENCE:

PROJECT NO. 4			
Firm name	MEYER ENGINEERS, LTD.		Past Performance Evaluation Discipline(s)*
Project name	LA 24 and LA 316: Company Canal Bridge (CE&I)		CE&I/OV
Project number	State Project No. H.001498	Owner's name	Department of Transportation and Development
Project location	Terrebonne Parish DISTRICT 02	Owner's Project Manager	Sub
Owner's address, phone, email	5056 West Main Street, Houma, LA 70360; 985-858-2408; Jacob.Oncale@LA.GOV		
Services commenced by this firm (mm/yy)	09/20	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$399

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

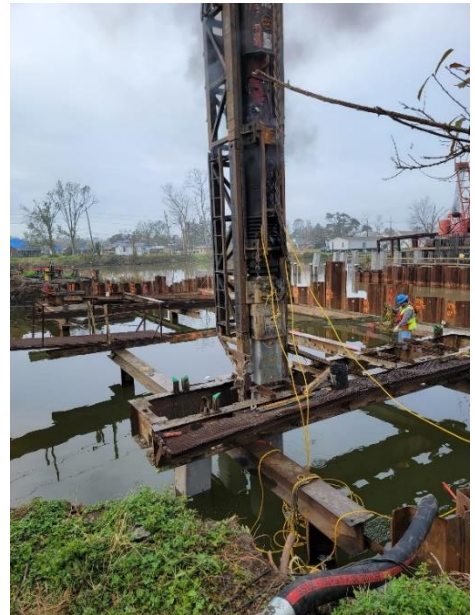
Meyer Engineers, Ltd. (Meyer), as a subconsultant to Hardesty & Hanover, is providing Construction Engineering and Inspection Services including, but not limited to, construction of a new vertical lift bridge over the Company Canal on LA 24 and new operator's house in Bourg, Louisiana in Tangipahoa Parish. The new vertical lift bridge will be built on existing alignment. These services will be performed in accordance with DOTD's Standards and Procedures. The following services to be performed will be under the direct supervision of DOTD:

- Maintain all construction field records; make daily entries in the project diary (DWR) to indicate the Consultant's personnel and Contractor's personnel present on the job site, Contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time.
- Coordinate with DOTD and appropriate utility representative for all relocations/adjustments of utility facilities for the construction of work site.
- Provide all necessary personnel and equipment to perform the required field-testing for quality assurance in accordance with the latest DOTD Sampling and Testing Manual.
- Inspect Contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications.
- Keep clear and concise records of the contractual operations, prepare monthly pay estimates, and make monthly progress reports in conformance with DOTD requirements. Inspection of construction will not include shop and mill inspections and their approval.
- Prepare final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with DOTD requirements.

Construction Cost: ~\$28M (Est.)

Team Members: Donovan Duffy, P.E. | David Dupre, P.E. | Justin Bosarge

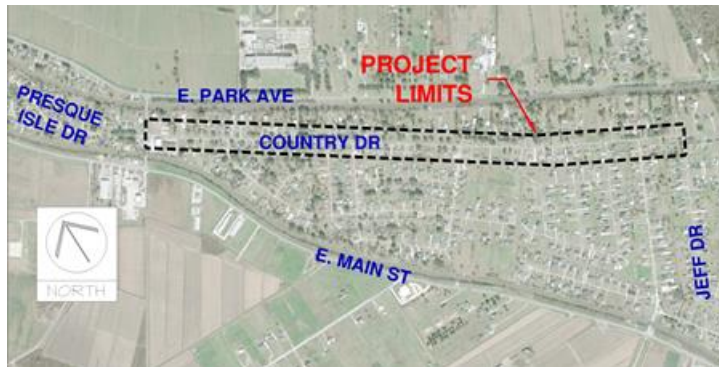
100% of the work for this project is being performed in Louisiana.



17. FIRM EXPERIENCE:

PROJECT NO. 5			
Firm name	MEYER ENGINEERS, LTD.		Past Performance Evaluation Discipline(s)*
Project name	Country Drive Widening Phase A		Firm responsibility (prime or sub?)
Project number	State Project No. H.007351	Owner's name	Department of Transportation and Development
Project location	Terrebonne Parish DISTRICT 02		Owner's Project Manager
Owner's address, phone, email	5056 West Main Street, Houma, LA 70360; 985-858-2408; Jacob.Oncale@LA.GOV		
Services commenced by this firm (mm/yy)	11/15	Total consultant contract cost (\$1,000's)	\$524
Services completed by this firm (mm/yy)	04/18	Cost of consultant services provided by this firm (\$1,000's)	\$508

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



Meyer Engineers, Ltd. completed the Construction Engineering and Inspection Services for Country Drive Widening Phase A (Jeff Drive to Presque Isle Drive) in Terrebonne Parish.

The project included the complete reconstruction and widening of 7,300 LF of Country Drive in Houma. Additional work included clearing and grubbing, drainage structures, cold planing asphaltic concrete, pavement patching, class II base course, superpave asphaltic concrete pavement, and traffic pavement markings. Traffic is being maintained on this busy street.

Meyer Engineers, Ltd. utilized DOTD's Site Manager Program and coordinated with DOTD District 02 and Terrebonne Parish. Meyer reviewed and managed shop drawings and Requests for Information (RFI).

Meyer Engineers, Ltd. submitted the final submittal package to the DOTD Construction Audit Section including Form 2059 and as-built drawings.

Construction Cost: \$3.9M

Team Members: David Dupre, P.E. | Justin Bosarge (Lead Inspector)

100% of the work for this project was performed in Louisiana.



17. Firm Experience:

Gresham Smith		Past Performance Evaluation Category(ies)*		CE&I / OV / ITS	
LADOTD, Lake Charles ITS Phase 3 CEI				Firm responsibility (prime or sub?)	Prime
Project number	H.011500.6	Owner's name	Louisiana Department of Transportation and Development		
Project location	Lake Charles, Louisiana	Owner's Project Manager		Lucy Kimbeng, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.379.2528 / lucy.kimbeng@la.gov				
Services commenced by this firm (mm/yy)		10/18	Total consultant contract cost (\$1,000's)		\$463
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$372

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

Gresham Smith is performing Construction Engineering and Inspection services for LADOTD on the Lake Charles ITS Phase 3 construction project. The contractor is installing 12.76 miles of ITS infrastructure along I-210 in Calcasieu Parish, Louisiana. The project includes two communications hub sites, 4 dynamic message signs (DMS), 18 CCTV cameras, conduit, fiber optic cables, pull boxes, and electrical services. The DMS and CCTV sites include new foundations and structures.

Gresham Smith tasks include on-sight daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling plan coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings reporting, witnessing fiber optic cable testing and system integration testing, and final project file documents.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.

Firm members involved include Bert Moore, Daniel Knott, Christina Florez, Julian Bordelon, and Bud Smith.



Scope Elements

- Project Management
- Daily Inspection
- Change Order Processing
- Monthly Estimates
- Project Closeout

17. Firm Experience:

Gresham Smith		Past Performance Evaluation Category(ies)*		Traffic	
2020 RWD, WA #1, I-59 Meridian Lighting and ITS				Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	MDOT		
Project location	Meridian, Mississippi	Owner's Project Manager			David Seal. P.E.
Owner's address, phone, email	P.O. Box 1850, Jackson, MS, 39215 / 601.359.7001 / avid.seal@mdot.ms.gov				
Services commenced by this firm (mm/yy)		09/20	Total consultant contract cost (\$1,000's)		\$319
Services completed by this firm (mm/yy)		12/22	Cost of consultant services provided by this firm (\$1,000's)		\$319

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

Gresham Smith was selected for this Work Assignment (WA) under existing MDOT Roadway Design master contract. The Project is a design build project and includes updating the Interstate lighting to LED along I-59 from 65th Avenue to SR 39 as a part of a bridge widening project. Gresham Smith provided Light Pole inspection, Phase A Lighting and ITS plans, a Systems Engineering Analysis Report, Design/Build document setup, and D/B Construction Administration support.

Gresham Smith has performed the structural inspection of the existing -interstate light poles and developed plans to replace deficient or missing poles. Gresham Smith is performing the lighting analysis and recommended 3 lighting fixture options using the Agi32 software. Once the options were narrowed down, an analysis of the fixtures was done for the entire corridor to determine foot candle levels that can be attained and how closely they will meet the AASHTO lighting requirements. Plans were developed that provided the preliminary conduit, power service points, fixture and electrical details. Preliminary voltage drop calculations were developed to help ascertain the expected power service point needs.

Additionally, conceptual plans were developed to connect traffic signals to the Traffic Management Center, add Closed-Circuit Television (CCTV) cameras, Dynamic Message Signs (DMS) and vehicle detection devices. This could provide traffic monitoring coverage and allow for remote operations and enhanced performance of traffic operations.

The primary purpose of the project is to create a safe and operational corridor for the project.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.

Firm members involved include: Julian Bordelon, Christina Florez and John Weres



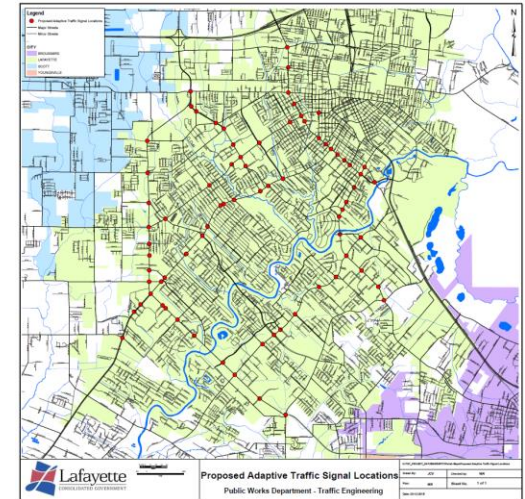
17. Firm Experience:

Gresham Smith		Past Performance Evaluation Category(ies)* Traffic	
LADOTD, Traffic Engineering Retainer Contract TO#6: LCG Adaptive Traffic Signal			Firm responsibility (prime or sub?) Prime
Project number	H.012018.5	Owner's name	Louisiana Department of Transportation and Development
Project location	Lafayette, Louisiana	Owner's Project Manager	Andre Fillastre, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA / 225.242.4646 / andre.fillastre@la.gov		
Services commenced by this firm (mm/yy)	10/18	Total consultant contract cost (\$1,000's)	\$813
Services completed by this firm (mm/yy)	05/24	Cost of consultant services provided by this firm (\$1,000's)	\$813

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

Gresham Smith was selected to upgrade all of the traffic signals in Lafayette, Louisiana and install Adaptive Traffic Signal Control (ATSC) along eight major corridors. This project included performing traffic signal inventories for all 190 traffic signals that are maintained by LCG. Once the inventories were performed, design plans were developed for traffic signal controller upgrades for all of the traffic signals to be upgraded from Trafficware 980 TS2 traffic signal controllers to Trafficware 980 ATC traffic signal controllers and the installation of a new emergency vehicle preemption system from Applied Information.

Of the 190 traffic signal locations, 78 intersections will have Synchro Green Adaptive Traffic Signal Control implemented into the project. Gresham Smith designed plans to upgrade the existing vehicle detection systems at these adaptive intersections to meet the needs of the new adaptive system. Gresham Smith performed a before study to measure the average travel times of the corridors without the Adaptive Traffic Signal Control. This data will serve as a baseline to measure the effect of the new system on travel times in Lafayette. As part of this Before Study, Gresham Smith was also able to deploy our MPATH system to measure the stress of the test drivers based on location. This information is incorporated into a GIS database that allows for easy map based visualization of stressful locations that could indicate near misses or other previously undiscoverable issues on the corridor.



Gresham Smith assisted with the implementation and integration of the adaptive system and the emergency vehicle preemption system. Gresham Smith has successfully completed the installation of other adaptive traffic signal systems in numerous states. Upon completion of this project, this will be the largest adaptive traffic signal system in Louisiana.

Nature of firm's responsibility: Prime Consultant; Overall responsibility for entire contract.

Firm members involved include: Bert Moore, Christina Florez, Bud Smith, Julian Bordelon, Daniel Knott, and Alben Cooper

Project Highlights

- Traffic Signal Inventories
- Traffic Signal Design Plans
- Implementation and Integration of Adaptive Traffic Signal System
- Before Travel Time Studies

17. Firm Experience:

Firm name	Hardesty & Hanover	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Company Canal Vertical Lift Bridge Replacement CE&I		Firm responsibility (prime or sub?) Prime
Project number	H.001498	Owner's name	Louisiana Department of Transportation & Development
Project location	Bourg, LA	Owner's Project Manager	Jacob Oncale, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70804 / 985.858.2424 / Jacob.Oncale@la.gov		
Services commenced by this firm (mm/yy)	07/2020	Total consultant contract cost (\$1,000's)	\$4,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$3,200

The original Company Canal Vertical Lift Bridge on LA 24 was constructed in 1951 with a 65-foot-long lift span. Although operating more than a dozen times per month, the bridge's condition had declined over time. The original bridge had a poor load rating, deterioration of the steel protective coating and superstructure steel, and the many additional operational issues that caused the bridge to malfunction. These issues caused traffic disruptions and required detours from LA 24 to local roads. LADOTD determined that the original bridge required replacement.

The newly designed vertical lift bridge, which is being built on the existing alignment, will have a 100-foot-long lift span with an approximately 48-foot-wide deck consisting of two 12-foot-wide travel lanes, two 8-foot shoulders, and a 5-foot pedestrian walkway. The 40-foot approach slabs will be installed at each end of the bridge. The new operator's house will be constructed just southwest of the bridge to replace the existing operator's house which was located on the northeast side of the bridge. The scope of the bridge replacement project included improving the safety and vehicular movements within the project corridor by realigning approximately 405 feet of LA 316 to the west to avoid conflict with the new bridge structure and approach slabs.

During the construction of the new vertical lift bridge and operator house, H&H is providing construction contract administration and construction engineering inspection services typically performed by the DOTD Project Engineer and their staff. H&H's scope includes:

- Coordinating and attending pre-construction meeting
- Keeping records of the contractual operations; maintaining construction field records; making daily entries in project diary
- Coordinating with DOTD and utility representatives for relocations/ adjustments of utility facilities.
- Performing required field-testing and submit sampled materials
- Inspecting contractor's construction operations (daily) to ensure work is performed in accordance with the plans and specifications
- Preparing monthly pay estimates, monthly progress reports, tracking and payment for stackpile materials, and prepare change orders
- Submitting "As-Built" plans with the final estimate
- Preparing final estimate packages, including Form 2059

**SCOPE OF WORK RELEVANT TO THE CONTRACT:**

- LADOTD CE&I PROJECT
- NEW BRIDGE CONSTRUCTION
- LADOTD SOFTWARE USED – SITEMANAGER AND HEADLIGHT

Key Personnel: Fred Wetekamm, PE; Linh Kim, PE; Lance Resendez, EI; Dalton Hunt, EI; Mor Diao, James Burkes, Dwayne Lewis

17. Firm Experience:

Firm name	Hardesty & Hanover		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Lake Pontchartrain Causeway Safety Bay Improvement Project CE&I		Firm responsibility (prime or sub?)	Prime
Project number	432	Owner's name	Greater New Orleans Causeway Commission	
Project location	Jefferson & St. Tammany Parishes, LA		Owner's Project Manager	Carlton Dufrechou, PE
Owner's address, phone, email	3939 N. Causeway Blvd #400 Metairie, LA 70002 / 504.835.3118 / cdufrechou@gnoc.org			
Services commenced by this firm (mm/yy)	08/2018	Total consultant contract cost (\$1,000's)		\$3,880
Services completed by this firm (mm/yy)	08/2021	Cost of consultant services provided by this firm (\$1,000's)		\$3,000

H&H provided construction, engineering, and inspection services for the Greater New Orleans Expressway Commission (GNOEC) along the Lake Pontchartrain Causeway Bridge. The purpose of this fast-paced, \$60M CMAR construction project was to improve safety by providing emergency stopping areas for northbound and southbound bridges with new shoulders in six locations on each bridge.

H&H deployed several construction engineering and inspection teams to oversee the fabrication and construction of structural and electrical operations. These teams worked concurrently inspecting construction activities over an approximately 18-month construction and the project closeout period. Precast components were utilized for the project with material fabrication performed off-site at two locations and the contractor's yard for the construction of prefabricated decks. H&H's scope also included inspection of power, lighting, communication, CCTV, and traffic signal systems. All work was performed in conformance with LADOTD requirements and the latest specifications.

H&H's specific responsibilities included: maintaining all construction field records; documenting personnel present and equipment being utilized on the job site; coordinating relocations and adjustments of utility facilities for the construction of worksite; submitting all sampled materials to be tested by a qualified testing laboratory in accordance with the stipulated sampling manual; inspecting and ensuring that all work was performed in general compliance with the specified plans and specifications; keeping concise records of the contractual operations; preparing monthly pay estimates and monthly progress reports; preparing final estimate packages and submitting as-built plans with the final estimate; monitoring and documenting all construction claims and providing recommendations on disposition of claims; coordinating and/or performing the inspection of the fabrication of pre-cast materials at the two precast plants and the contractor's yard; reviewing the construction signage for compliance with the MUTCD and traffic control standards; developing a sampling plan; and preparation of final estimate packages, as-built plans, and all construction records.

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- CONSTRUCTION ENGINEERING & INSPECTION PROJECT
- CONSTRUCTED ACCORDING TO LADOTD STANDARDS & SPECIFICATIONS
- BRIDGE CONSTRUCTION



Key Personnel: Fred Wetekamm, PE; Linh Kim, PE

17. Firm Experience:

Firm name	Hardesty & Hanover		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Bayou Barataria Swing Bridge Phase 1		Firm responsibility (prime or sub?)	Prime
Project number	H.015028.6	Owner's name	Louisiana Department of Transportation & Development	
Project location	Jefferson Parish, LA		Owner's Project Manager	Ryan Morvant, PE
Owner's address, phone, email	1201 Capitol Access Rd. Baton Rouge, LA 70804 / 225.379.1067 / Ryan.Morvant@la.gov			
Services commenced by this firm (mm/yy)	02/2023	Total consultant contract cost (\$1,000's)		\$5,850
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$5,265

H&H is providing construction engineering and inspection services for the Bayou Barataria Bridge Replacement Project. The original bridge was built in 1948 to connect Barataria and Lafitte and was destroyed completely in 2021 by Hurricane Ida. A temporary modular steel span bridge has been in its place and is the only means of transportation for Barataria residents to the mainland after Hurricane Ida. The new moveable bridge will be located approximately one mile downstream from the original bridge.

The LA302- Bayou Barataria Moveable Bridge Replacement Project is multi-phased to allow for an expedited start time for the construction of the bridge itself, which is included in Phase 1 at a cost of \$55.9 million. The bridge is estimated to be completed in 2028. Features of the new bobtail swing bridge include a 20-foot vertical clearance in the closed position, a hybrid-driven hydraulic swing operating system, a natural gas-powered generator to operate the bridge after a storm or power outage and a robust pier protection system with 60" diameter piles protecting the new bridge. During the construction of the new swing bridge, operator house, generator house, and embankment placement for the approach roadways, H&H is providing construction contract administration and construction engineering inspection services typically performed by the DOTD Project Engineer and their staff.

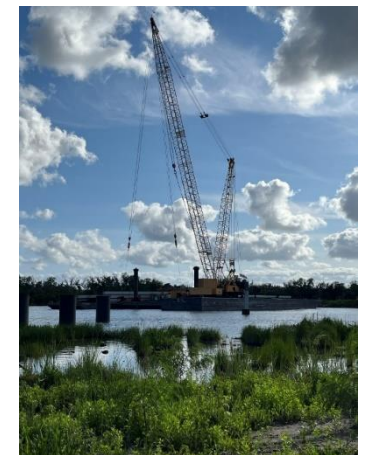
H&H's scope includes:

- Coordinating and attending pre-construction meeting
- Keeping records of the contractual operations; maintaining construction field records; making daily entries in project diary
- Coordinating and attending weekly construction meetings
- Coordinating with DOTD and utility representatives for relocations and adjustments of utility facilities
- Performing required field-testing and submit sampled materials
- Daily inspection of the contractor's construction operations to ensure work is performed in accordance with the plans and specifications (LSSRB 2016)
- Preparing monthly pay estimates and monthly progress reports; tracking and payment for stockpile materials; and preparing change orders
- Submitting "As-Built" plans with the final estimate.
- Preparing final estimate packages, including Form 2059

Key Personnel: Fred Wetekamm, PE; Linh Kim, PE; Matt Gagliano, PE; Travis Kimmins, PE; Lance Resendez, EI; Dalton Hunt, EI; Sean Brock, EI; James Burkes; Dwayne Lewis

SCOPE OF WORK RELEVANT TO THE CONTRACT:

- LADOTD CE&I PROJECT
- NEW BRIDGE CONSTRUCTION
- LADOTD SOFTWARE USED – HEADLIGHT AND SITEMANAGER



17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*	CE&I/OV	
Project name	Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive			Firm responsibility (prime or sub?)	Sub
Project number	2017-012A-RBP	Owner's name	Jefferson Parish		
Project location	Metairie, Louisiana			Owner's Project Manager	Matthew Zeringue
Owner's address, phone, email	1221 Elmwood Park Blvd., Ste. 802, Jefferson, LA 70123 / (504) 736-6500 / matthew.zeringue@jeffparish.gov				
Services commenced by this firm (mm/yy)	11/24	Total consultant contract cost (\$1,000's)			15 (est.)
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			14 (est.)

The Causeway Boulevard/Airline Drive Interchange was originally constructed in the 1950s and consists of 8 ramps, an elevated traffic circle, and a 4-lane overpass. This project is the second phase of rehabilitation of the interchange and involves coating Ramps 6 and 7 and the Overpass, including containment system and suspended work platform installation; solvent cleaning, waterjet cleaning, and abrasive blast cleaning to remove existing coatings containing lead and other hazardous materials and provide a surface profile; and application of a three coat system consisting of an organic zinc primer, epoxy intermediate coat, and polyurethane top coat.

Horizon is currently providing coating quality assurance services for Jefferson Parish, including review of the Contractor's quality control plan, surface preparation and coating application plans, and quality control documentation; visual inspections; and environmental conditions, soluble salts, surface profile, and dry film thickness testing. Horizon's personnel led the overall interchange rehabilitation project while at their previous firm, including the design of this project, design of the first phase and future phases, and CE&I of the first phase completed in 2023 (Rehabilitation of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive; ≈\$13,000,000 construction cost).

Firm Members Involved: John Karlin

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*		CE&I/OV	
Project name	Zellwood Station Phase 3 Traffic Study				Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Zellwood Development Group, LLC			
Project location	Zellwood, Florida			Owner's Project Manager	Steve MacGeorge	
Owner's address, phone, email	2893 Upland Ridge, Chuluota, FL 32766 / (321) 356-1802 / stevemacgeorge@smacgeorge.com					
Services commenced by this firm (mm/yy)	08/24	Total consultant contract cost (\$1,000's)			54	
Services completed by this firm (mm/yy)	12/24	Cost of consultant services provided by this firm (\$1,000's)			54	

The Zellwood Site consists of approximately 10.4 acres and is located on the east side of W. Orange Blossom Trail (US 441). Horizon Engineering, LLC (Horizon) completed a traffic study to evaluate access to the site from US 441 in accordance with Florida Department of Transportation (FDOT) requirements. Horizon's duties included:

- Review existing volume counts, turning movement counts, and driveway/median opening counts along US 441.
- Review crash data along US 441, perform crash data analysis, and prepare collision diagrams.
- Perform traffic signal warrant analysis.
- Estimate increased traffic volume due to development of site.
- Evaluate sight distance requirements.
- Prepare conceptual layouts for multiple alternatives, including signalized intersection with new left turn lane from US 441, median openings, driveways, and adjustments to timing of adjacent traffic signals.
- Prepare preliminary temporary traffic control plans, highway and driveway plan and profile, and cross sections.
- Prepare preliminary drainage calculations.
- Coordinate with FDOT.

Firm Members Involved: Ben Bartlett, Brett Liuzza, and John Karlin

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*	CE&I/OV	
Project name	Temporary Traffic Control Plans for Coating of Ramps 6, 7, and Overpass of Causeway Boulevard at Airline Drive			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Royal Bridge Inc.		
Project location	Metairie, Louisiana			Owner's Project Manager	Emmanuel Chrysakis
Owner's address, phone, email	3601 Alt 19 North, Palm Harbor, FL 34683 / (727) 934-6042 / emmanuel@royalbridgeinc.com				
Services commenced by this firm (mm/yy)	10/24	Total consultant contract cost (\$1,000's)			8
Services completed by this firm (mm/yy)	11/24	Cost of consultant services provided by this firm (\$1,000's)			8

The Causeway Blvd./Airline Dr. Interchange was originally constructed in the 1950s and consists of 8 ramps, a 4-lane overpass, and an elevated traffic circle. Horizon Engineering, LLC prepared temporary traffic control (TTC) plans to facilitate the coating of Ramps 6 and 7 and the Overpass and installation of associated temporary works, such as containment systems and work platforms. The TTC plans include lane closures, full road closures, and associated detours involving federal highways, state highways, and local streets, including Airline Dr. (US 61) and Causeway Blvd. (LA 3046). The TTC plans were prepared in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), Louisiana Standard Specifications for Roads and Bridges (LSSRB), and DOTD Temporary Traffic Control Standard Plans.

Firm Members Involved: Ben Bartlett, John Karlin, and Brett Liuzza

17. FIRM EXPERIENCE

FIRM NAME: Royal Engineers and Consultants, L.L.C.	PAST PERFORMANCE EVALUATION DISCIPLINE(S): CE&I/OV
PROJECT NAME: Entity Contract for Lafayette Parish Non-State Pvmnt Markings	FIRM RESPONSIBILITY (PRIME OR SUB): Prime
PROJECT NUMBER: H.015018.5	OWNER'S NAME: LADOTD
PROJECT LOCATION: Lafayette Parish	OWNER'S PROJECT MANAGER: Ryan Richard
OWNER'S ADDRESS, PHONE, EMAIL: 1201 Capitol Access Rd, Baton Rouge, LA (225) 379-1389 Ryan.Richard@la.gov	
SERVICES COMMENCED BY THIS FIRM: 06/23	TOTAL CONSULTANT CONTRACT COST: \$127.2
SERVICES COMPLETED BY THIS FIRM: Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM: \$127.2

Royal is providing construction contract administration and construction engineering inspection services for the restriping of Cajundome Boulevard, East Pinhook Road/Teurlings Avenue, Kaliste Saloom Road, Mudd Avenue, and Gendarme Road, in Lafayette Parish. Royal hosted the preconstruction meeting for the 13.8-mile-long project and assisted DOTD with its public notices for the start of the project. Post pre-construction meeting Royal ensured the proper material submittals were received from the contractor and reviewed promptly. During construction, Royal provides onsite full-time resident inspection, uploading reports into the department's Headlight and Site Manager software. Royal manages the pay estimates, change orders, field issues, and correspondence with all project members as the project progresses. Royal personnel ensures that work is performed according to LADOTD plans and specifications and provides progress reports to the LADOTD based on daily inspections. After the project, Royal will prepare the 2059 and other required turn-documents.

KEY PERSONNEL:

- Alec Carter O'Brien, PE
Project Engineer
- Katherine Foreman, PE
Project Manager
- Meaghan Faherty,
Project Office Manager



FIRM NAME: Royal Engineers and Consultants, L.L.C.	PAST PERFORMANCE EVALUATION DISCIPLINE(S): CE&I/OV
PROJECT NAME: US 90Z Harvey Canal Tunnel Rehabilitation (CE&I)	FIRM RESPONSIBILITY (PRIME OR SUB): Sub
PROJECT NUMBER: H.010673	OWNER'S NAME: LADOTD
PROJECT LOCATION: Jefferson Parish	OWNER'S PROJECT MANAGER: Corbett Hollier, PE
OWNER'S ADDRESS, PHONE, EMAIL: 2001 Mardi Gras Blvd. New Orleans, LA 70114 (504) 376-0210 corbett.hollier@la.gov	
SERVICES COMMENCED BY THIS FIRM: 06/23	TOTAL CONSULTANT CONTRACT COST: \$728.6
SERVICES COMPLETED BY THIS FIRM: Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM: \$728.6

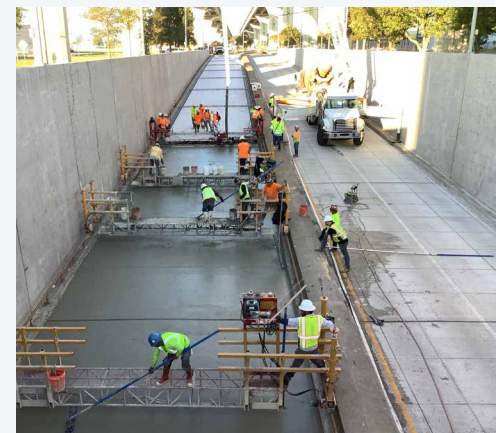
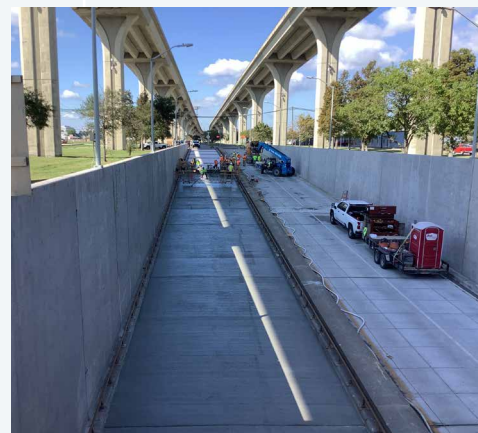
GEC is the Prime consultant providing CE&I scope, and Royal is a subconsultant providing inspection services and construction engineering oversight of field activities for the complete rehabilitation of the Harvey Canal Tunnel and its approaches along US 90Z in Jefferson Parish. Total project size is estimated to be upwards of \$50 million. The rehabilitation includes new tile lining, drainage pumps, pavement, electrical, and ventilation systems. It was built in 1957 to go underneath the Harvey Canal on Old Business US 90. The tunnel has a length of 1,079 feet and four traffic lanes and was in critical need of rehabilitation. Royal assists with construction field records and maintaining the project diary. Resident inspectors check the contractor's construction operations to ensure that all work is performed in accordance with the plans and specifications, using approved materials. Royal maintains records of the construction operations, prepares monthly pay estimates within DOTD requirements.

PROJECT DELIVERABLES:

- Review and coordination of RFI's, submittals, and document control
- Full-time resident construction engineering and inspections
- Daily reporting through DOTD software (Headlight, Sitemanager, Materials Manager)
- Review and approve monthly estimates and change orders
- Document, generate, and monitor NCR incident or other corrective items

KEY PERSONNEL:

- Alec Carter O'Brien, PE
- Gary Brouillette
- Jeffrey Monfrey
- Meaghan Faherty



FIRM NAME: Royal Engineers and Consultants, L.L.C.	PAST PERFORMANCE EVALUATION DISCIPLINE(S): CE&I/OV
PROJECT NAME: Crescent City Connection Decorative Lighting Project	FIRM RESPONSIBILITY (PRIME OR SUB): Sub
PROJECT NUMBER: H.015504.6	OWNER'S NAME: LADOTD
PROJECT LOCATION: New Orleans, LA	OWNER'S PROJECT MANAGER: Corbett Hollier, PE
OWNER'S ADDRESS, PHONE, EMAIL: 2001 Mardi Gras Blvd. New Orleans, LA 70114 (504) 376-0210 corbett.hollier@la.gov	
SERVICES COMMENCED BY THIS FIRM: 05/24	TOTAL CONSULTANT CONTRACT COST: \$391.8
SERVICES COMPLETED BY THIS FIRM: Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM: \$391.8

As part of infrastructure improvements in New Orleans in preparation for the 2025 Superbowl, DOTD is installing a new decorative lighting system for the Crescent City Connection bridge. The system features LED lights on the trusses of the bridges and lights illuminating the piers. The original decorative lighting system was installed in 1987, a gift of the Young Leadership Council of New Orleans through a major capital fundraising campaign. Eventually, damage from Hurricane Ida created electrical system surges that resulted in the immediate shortage of replacement bulbs. The only remaining options were the reconstruction of an outdated electrical grid or the complete overhaul to a new technology. The new LED system was chosen.

The \$20.7 million project is currently underway. Royal as a subconsultant to Gulf Engineers and Consultants (GEC), is providing a project engineer, office manager, and resident Inspectors to assist with managing the project.

PROJECT DELIVERABLES:

- Review and coordination of RFI's, submittals, and document control
- Full-time resident construction engineering and inspection
- Daily reporting though DOTD software (Headlight, Sitemanager, Materials Manager)
- Review and approve monthly estimates and change orders
- Document, generate, and monitor NCR incident or other corrective items

KEY PERSONNEL:

- Alec Carter O'Brien, PE
- Gary Brouillette
- Meaghan Faherty



18. APPROACH AND METHODOLOGY

PROJECT APPROACH

If selected, **Meyer Engineers, Ltd. (MEL)** will provide Construction Engineering and Inspection (CE&I) services for **DOTD District 02**, covered by an IDIQ Contract under separate Task Orders. Each Task Order will be performed according to the following flow/schedule while in accordance with DOTD's Contract Administration Manual and District 02 needs.

- 1) MEL submits **Quality Control Plan** to DOTD as required upon notice of contract award.
- 2) DOTD informs MEL of DOTD coordinator
- 3) DOTD informs MEL of specific IDIQ as they develop
- 4) MEL obtains contact info of all parties and reaches out to establish introductions
- 5) MEL contacts DOTD coordinator and forms partnering relationship to discuss requirements of IDIQ Task Orders through a **Project Setup Meeting**.
- 6) Project setup meeting agenda topic examples:

- MEL's CE&I administration values and plan of action
- Attention to DOTD coordinator/local needs (ex. press releases, partnering, etc.)
- Compliance goals
- Sampling plan
- Adherence to QA/QC District 02 expectations
- Site Manager accesses and approvers
- TTC diary logbook access

- Contact for uploading EEO/CUF/etc
- Funding categories
- Partial estimates and change order processing
- NTP procedures
- Final Audit/Close out
- Pre-construction conference scheduling/attendees
- Pre-construction/mobilization documentation (**Figure 1, right**)



Figure 1: Pre-Mobilization Documentation

- 7) Through the Project Setup Meeting, MEL will confirm with DOTD if any local Entity is involved. If applicable, MEL to confirm Entity State Agreement responsibilities, address Participation vs Non-Participation funding categories, and discuss if a Entity Notice of Contract Execution is needed.



- 8) **Preconstruction Meeting:** MEL will coordinate the Preconstruction Meeting to discuss ensuring quality of work by the contractor with attention to policy of testing materials, project documentation, plan changes, pay estimates and the channel of communication. The standard DOTD Preconstruction checklist will be utilized and adopted to fit the specific scope/items of the project. Various topics discussed at the Preconstruction Meeting include, but are not limited to, the following:

- Start of work date and Notice to Proceed issuance
- Provide introduction of main team members and appropriate points of contact
- Discuss safety and that the Contractor shall comply with all **Occupational Safety and Health Administration (OSHA)** Regulations, applicable DOTD Temporary Traffic Control standards, and Public Safety specifications.
- **Review Construction Contractor's schedule with attention to contract time and identifying a single critical item per working or calendar day.**
- Discuss Assembly Period and identifying time charge specifics
- Include **DOTD Compliance** representative to discuss Small Business and Disadvantage Business goals.
- Explain process of monthly pay estimates and change orders utilizing **Site Manager** and payroll submittals through AASHTOWARE for MEL review.
- Discuss use of DOTD Request for Information (RFI) forms and emphasize Contractor input required on RFIs
- Communicate expectations in accordance with special provisions, project plans, and LSSRB.
- Consider both utilities local to work zone along with those identified in the plans to for conflict-avoiding solutions
- TTC installation and diary specifics

- Discuss importance of **Sampling Plan** and coordination of testing materials with QA/QC, DOTD District 02 lab, and DOTD Materials lab
- Prime contractor's emergency preparedness plan and emergency contacts
- Subcontractor contacts and approval statuses
- Frequency/schedule of progress meetings
- Review with the contractor for compliance with the Approved Traffic Control Plan, MUTCD, public notification, and work hour restrictions of the project
- Discuss any applicable environmental topics and Storm Water Prevention Plan
- Emphasize ROW and Construction Layout timely deliverables
- **Formulate closeout procedures emphasizing required item certificates for compliance, analysis, delivery**
- Allow for additional questions and comments
- Provide minutes to all team members

- 9) MEL will issue NTP to Construction Contractor based on elapsed time from NOCE and mutual agreement of starting date established at Preconstruction Meeting.
- 10) **Certified Inspection will be available** for any off-site inspection such as concrete fabrication plants, pile fabrication and material sampling.
- 11) Through coordination with Construction Contractor, MEL inspector will obtain appropriate material samples for Quality Assurance (**Figure 2, next page**) per the Sampling Plan.
- 12) Certified Inspector will obtain all required Certificates of Analysis/Compliance/Delivery from the contractor throughout the course of construction as well as fulfill all EEO/CUF/Project Site interview obligations (**Figure 3, next page**).

PROJECT APPROACH (CONTINUED)

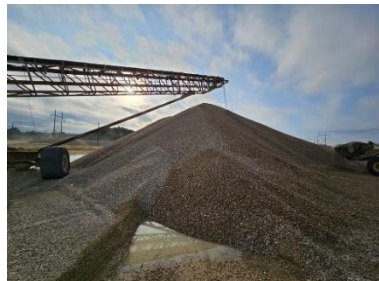


Figure 2: Sample Stockpile



Figure 3: EEO Board Documentation



Figure 4: Panel Inspection



Figure 5: Repair of Deficiency



Figure 6: Re-Hydroseeding

13) Certified Inspectors are available and have extensive experience in the construction of embankments, drainage installation, roadway base courses, PCC paving, asphalt paving, temporary traffic control and roadway construction safety. Expertise includes construction and rehabilitation of fixed bridges and movable bridges with inspection staff certified in bridge inspection, qualified for movable bridge inspection, and competent in mechanical, electrical, and architectural systems.

14) Project Engineers have extensive experience in managing all scoped DOTD projects including road construction projects, bridge construction and rehabilitation projects, for mechanical and electrical construction for movable bridges.

15) With every scoped project, Project Engineers review submittals against DOTD's Approved Materials List, Special Provisions, project/standard plans, and specifications while documenting the statuses and remaining materials.

16) Gresham Smith's staff, under the direction of MEL, will be onsite for the construction and installation of the traffic signals, street lighting and Intelligent Transportation Systems (ITS) devices, observing the work to confirm that the contractor follows the plans, specifications, standard plans, and special details. Once the equipment is installed, MEL will coordinate with LADOTD and the contractor to verify the implementation and testing for the equipment to verify it is installed and operating as intended (**Figure 4, above**).

17) **Use of Headlight:** MEL has embraced the use of Headlight Fieldbook, Sampling Plan, and Materials to efficiently document daily activities and accumulate quantities for final audit submittal in addition to fulfilling the expectations of the District lab. MEL Project Inspector will utilize DOTD Headlight Fieldbook and Site Manager to provide Daily Work Reports recording daily resources (personnel and equipment), work progress, images, weather conditions and track quantities of project line items.

18) **MEL's Project Engineer will generate monthly pay estimates** and process accordingly. Project Engineer will route all documents and track the progress of pay estimate approval through DOTD Site Manager. These processes are to be appropriately coordinated with DOTD's coordinator, Compliance representatives, and Construction Audit.

19) **Fuel/Asphalt/Steel Price Adjustments:** Items eligible for price adjustments in fuel, asphalt, and steel will be addressed per monthly estimate. The Project Engineer will maintain DOTD monthly publicized indices and calculate adjustments per the construction contract.

20) MEL firm will utilize Construction Contractor's use of AASHTOWARE to ensure proper records are provided such as payrolls and monthly subcontractor payments. MEL will approve accordingly.

21) MEL will hold progress meetings as established in Preconstruction Meeting to monitor progress of work, provide status of pay estimates, address material sampling statuses, possible change orders, Disadvantaged or Small Business requirements, contractor payrolls and any applicable topics.

22) Any needed **change orders** will be drafted by MEL Project Engineer and processed through Site Manager by obtaining appropriate electronic approvals.

23) DOTD's Request for Change Order (RFCO) and Request for Information (RFI) procedures are to be executed in accordance with Special Provisions and EDSM No. III.1.1.1. Appropriate change order formats and templates will be utilized in accordance with DOTD's Construction Roundup guidelines and statuses of RFCOs/RFIs are documented for record keeping.

24) **Project Representation:** MEL Project Engineer will distribute project information to inquiring local officials, politicians, and members of the public. MEL firm has experience in attending municipality meetings to provide updates as requested.

25) **Final Inspection:** To minimize the amount of punch list items during the Final Inspection, the Certified Inspector compiles Working Lists for each item throughout construction operations. These Working Lists aid in minimizing the amount of punch list items generated at the Final Inspection (**Figures 5-6, above**). Once all Line Items of work are completed MEL will coordinate a final walkthrough to confirm items are complete and the Certified Inspector will provide and monitor completion of punch list items for recommendation of acceptance to DOTD.

26) Project Engineer will request DOTD enter the final inspection date to obtain acceptance of the project.

18. APPROACH AND METHODOLOGY

PROJECT APPROACH (CONTINUED)

27) Once work is completed and project is accepted, the Project Engineer, through assistance of the certified inspector will accumulate all **closeout documents** for final submission to Auditing Division. Close out documents will be submitted in accordance with DOTD standard check lists and in accordance with DOTD's Contract Administration Manual. Such documents will include but not be limited to:

- **Approved Automated Testing Manual (ATM/2059) and Sampling Plan with any dispositions.**
- Any dispositions or errors/omissions will be noted and signed by the Project Engineer.
- Signed Original Schedule of Work Items/Final Estimate
- Signed Original Recap of Weather and Workdays
- All field books (Indexed and Audited)
- **Confirmation of Change Orders approved within Site Manager**
- Construction Layout numbered books, electronic files, or Notarized letter from Contractor/PE
- Certificates of Release
- Electrical Operations and Maintenance Manual (Its 736, 820-823)
- OCP invoice and original affidavit
- ROW Receipt, if applicable, confirming ROW was filed at Courthouse
- RR Release, if applicable, or Contractor's Affidavit
- Chain of custody for disposal of contaminated materials
- Certificates of Release for removal line items
- All police and/or RR flagger invoices if reimbursed via change order
- Correspondence
- **Record (As Built) drawings.**
- **Acceptance Resolution from local authority as applicable**



Figure 7: Existing ADA Constraints



Figure 8: Field Presence



Figure 9: Sidewalk Phasing



Figure 10: Adherence to Tree Preservation Notes



Figure 11: Moveable Bridge Construction

RESOURCES

-Certifications: MEL's Project Engineer has the Traffic Control Supervisor and Flagger certifications. MEL's inspectors are certified in Traffic Control Supervisor or Technician, and Flagger and also have certifications in Embankment and Base Course, PCC Paving, Asphalt Paving, and Structural Concrete.

-Handicap Ramps (if applicable): ADA provides strict guidelines as to the acceptance of these unique sidewalks to provide for the safety and well-being of certain disadvantaged individuals. **MEL Inspectors to be used on this type of work have completed various programs and seminars and have a thorough understanding of the Types of ramps designed being diagonal or direct.** MEL understands the importance of navigating existing constraints and while still adhering to ADA standards. Limited ROW limits and existing utilities are the most common site conditions that MEL is accustomed to navigating (**Figure 7, above**). To better implement proper Quality Assurance, the MEL Certified Inspector will hold preliminary field meetings with Construction Contractor's resources to discuss the intricacies and the plan of approach to best understand and implement the complexities of the work associated. Consistent field presence throughout all phasing is critical in ensuring a desired level of quality (**Figures 8 and 9, above**). MEL's standard of oversight also allows for the appropriate amount ADA compliance enforcement of pedestrian TTC obligations during active construction.

-Horticultural-Related needs: District 02 contains a wide range of horticultural needs all containing specific regulations and construction requirements/methods. Canopies, historic oaks, high water tables, cane hauling season, and seed/plant establishment periods are a few of many construction elements to consider. Equipment staging limitations are put in place for both root and canopy preservation (**Figure 10, above**). MEL is committed to ensuring a contractor's adherence to the contract provisions, plan notes, and LSSRB obligations to maintain the quality of new construction without disturbing existing conditions that remain.

-Structures, (Figures 11-13, above & next page): Bridge specifications and pay items are unique to individual structures based on many facets (moveable bridges, sub/superstructure components, lighting, etc.). Along with extensive field experience in various bridge-scoped projects, **the MEL inspector to be used on this type of work also has completed the National Highway Institute (NHI) certification for "Safety Inspection of In-Service Bridges" and "Engineering Concepts for Bridge Inspectors."**

-Multi-Scoped Projects: Many projects contain several major items/scope requiring the contractor to sequence operations simultaneously. MEL's inspection team provides quality inspection of each construction operation regardless of the number of items being executed at once. Current knowledge of roundabout, capacity, and drainage standards are innate to MEL's CE&I group.

-Use of smart levels: While considered conventional the use of a smart levels is utilized to not only measure longitudinal and transverse slopes but will be utilized to measure slope "breaks" between the different sections of the handicap ramp system (ramp, landing, flares, sidewalk) and asphalt paths.

-Electronic Field Books: As noted previously in #10 the use of Electronic Field Books has become more popular with DOTD and found to help with efficiency of final audit. MEL Certified Inspectors have become familiar with and proficient in the use of this method of recording line-item quantities.

-Virtual Meetings: Virtual meetings have been found to be effective while allowing all team members to participate in progress meetings to maintain status of the project. Use of virtual meetings will be used as needed.

BRIDGE CONSTRUCTION ENGINEERING & INSPECTION – GRESHAM SMITH

Construction Engineering & Inspection History: Gresham Smith was selected for the ITS CEI IDIQ retainer contract in 2017 and for the past 8 years have been performing this type of work for LADOTD. Under this IDIQ contract, Gresham was assigned task orders for H.012749.6-1, Signal Communications Upgrade Phase 1 Districts 61 and 62, H.011500.6 Lake Charles ITS phase 3, and multiple Fiber Optic Mapping and Management task orders to catalog ITS infrastructure across the state. Additionally, we have just completed H.013256.6 I-10 ITS Scott to Lake Charles (CE&I).

Over the course of these projects, Gresham Smith Project Engineers have developed the relationships with LADOTD, contractors, vendors, and sub-consultants needed to efficiently perform the required CEI duties while addressing unexpected issues as they arise.

Bridge Inspection and Repair: In addition to bridge inspection expertise, our team has also proven experience with repair and preservation design for a variety of repairs. For Task Order 2 under a previous complex bridge inspection contract, Gresham Smith was asked to assist the DOTD in an emergency response for severe damage to the US 71 Spring Street Bridge in Shreveport. In April 2020, a Union Pacific train derailed and caused substantial damage to Bent 3, requiring the emergency replacement of the bent. Working closely with DOTD and the selected contractor, our engineers performed an emergency inspection to access the damage and to measure and document the necessary repairs. Initially, a temporary strongback system was installed to support the structure for the removal of the damaged members. Temporary sheeting was designed to support the adjacent railroad tracks and helical piles were designed to support overturning loads from the railroad. A crashwall was designed and installed to protect the historic bridge from future derailments.

SAFETY

As part of Thompson Engineering, Thompson and MEL emphasize safety as part of our company culture. Each meeting begins with a safety and quality moment. MEL has a Safety Director on staff that works under Thompson’s Safety Director, Mike Schumaker. MEL has placed the safety and health of its employees as well as the Contractors at the top of all priorities. From the beginning of employment, every employee is taught to always think safety, and to conduct himself or herself in a manner that reflects favorably on them. We must be safety conscious to avoid endangering ourselves, and others, and to help new employees learn safe work practices. This includes proper clothing, protective equipment, proper housekeeping, proper vehicle and equipment use, and first aid training. Additionally, MEL strongly emphasizes safety awareness off the job as well. Furthermore, Health and Safety Plans are required to work in some areas of the projects due to potential contaminants. MEL will ensure this is followed without question.

SAMPLE PROJECT SCHEDULE

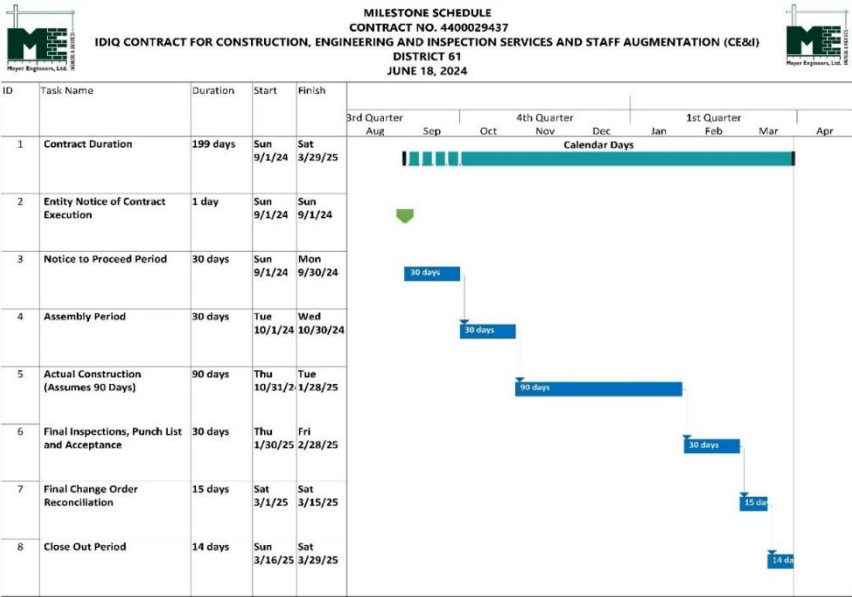


Figure 12: Pile Driving Operations



Figure 13: Foundation Steel

MEYER ENGINEERS, LTD.

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	PAST PERFORMANCE EVAL. DISCIPLINE(S) *	CONTRACT NO. / STATE PROJ. NO.	PROJECT NAME	REMAINING UNPAID BALANCE**
MEYER ENGINEERS, LTD.	CE&I/OV	#4400017430 H.001498	LA 24 & LA 316: Company Canal Bridge (CE&I)	\$88,530
MEYER ENGINEERS, LTD.	CE&I/OV	#4400021186 H.013520	Barringer Drive Sidewalks	N/A
MEYER ENGINEERS, LTD.	Road	#4400023075 H.013522	S. Lewis Street Widening	\$124,394
MEYER ENGINEERS, LTD.	CE&I/OV	#4400024988 H.006457.6	Roundabout @ PR 929 and Parker Road	N/A
MEYER ENGINEERS, LTD.	CE&I/OV	#4400025412 H.006459.6 (CE&I)	Roundabout Churchpoint Road and Roddy Road (CE&I)	\$323
MEYER ENGINEERS, LTD.	CE&I/OV	#4400025702 H.013813.6 (CE&I)	Vintage Drive Multi Use Path: Power – Wilson (CE&I)	\$51,228
MEYER ENGINEERS, LTD.	CE&I/OV	#4400024021/#4400024022 H.015028 / H.002264	Bayou Barataria MB Replacement, Phase I (CE&I) Bayou Barataria MB Replacement (CE&I)	\$151,087
MEYER ENGINEERS, LTD.	Road	#4400027183 H.016012 – Task 1	IDIQ Contract for Design of Transportation Alternatives Projects Statewide	\$49,532
MEYER ENGINEERS, LTD.	CE&I/OV	#4400029079 H.014625.6	Terry Parkway: LA 23-US 90B	\$85,816
MEYER ENGINEERS, LTD.	CE&I/OV	#4400029159 H.014682	Veterans Boulevard: David Drive to Clearview	\$136,884

SUB-CONSULTANT – GRESHAM SMITH

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	PAST PERFORMANCE EVAL. DISCIPLINE(S) *	CONTRACT NO. / STATE PROJ. NO.	PROJECT NAME	REMAINING UNPAID BALANCE**
GRESHAM SMITH	Road	44-19871; H.013073.5	LRSP/STRPPP Greenwells Springs & Wooddale Sidewalks	\$9,344
GRESHAM SMITH	Traffic	44-19871; H.015086.5	LRSP/STRPPP LA 14	\$3,791
GRESHAM SMITH	Road	44-19871; H.013714.5	LRSP/STRPPP Valhi Boulevard Shared Use Path Signing and Striping	\$9,677
GRESHAM SMITH	Traffic	44-19871; H.015201	LRSP/STRPPP Richwood Traffic Study	\$60,939
GRESHAM SMITH	Road	44-21326; H.010074.1	Stage 0 Lafourche Bayou Bridge (HBI)	\$85,966
GRESHAM SMITH	Traffic	44-25298; H.013388.5	LaFourche Flashing Yellow Arrow Traffic Signal Upgrade	\$306,058
GRESHAM SMITH	Traffic	44-26911; H.014629.5	LRSP/STRPPP TO #1 Lafourche Design	\$31,087
GRESHAM SMITH	Traffic	44-26911; H.013718.5	LRSP/STRPPP TO #3 LA 23 Gretna	\$189,315
GRESHAM SMITH	Traffic	44-26911; H.013713.5	LRSP/STRPPP TO #4 LA 60 Bogalusa	\$111,674
GRESHAM SMITH	Traffic	44-26911; H.015198.5	LRSP/STRPPP TO #5 S. Carrollton)	\$21,886
GRESHAM SMITH	Road	44-27210; H.012859.5	Roundabout at Valhi Blvd	\$259,554
GRESHAM SMITH	Other (Program Mgt)	44-27186; H.015959.1	Discretionary Grant Administration	\$112,296
GRESHAM SMITH	Road	44-27181; H.016012.	Transportation Alternative Program TO #1	\$49,389
GRESHAM SMITH	Road	44-26912; H.014640	LRSP/STRPPP TO #1 St. Mary Parish	\$19,233
GRESHAM SMITH	Road	44-26912; H.015203.5	LRSP/STRPPP TO #2 Pinhook	\$88,442
GRESHAM SMITH	CE&I/OV	44-24424; H.013256.6	I-10 Scott to Lake Charles ITS CEI	\$1,873

SUB-CONSULTANT – HARDESTY & HANOVER

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	PAST PERFORMANCE EVAL. DISCIPLINE(S) *	CONTRACT NO. / STATE PROJ. NO.	PROJECT NAME	REMAINING UNPAID BALANCE**
HARDESTY & HANOVER	Bridge	4400023909 H.002798.6	Oaklawn Bridge Walkway / Parking Lighting	\$5,943
HARDESTY & HANOVER	Bridge	4400023511 H.009730.5 Task 1	Bridge Inspection of Complex Structures Miller's Bluff, Jimmie Davis, West Fork Bridge Inspection Routine Bridge Inspection Services 3 Bridges	\$483,252
HARDESTY & HANOVER	Bridge	4400023511 H.009730.5 Task 2	Bridge Inspection of Complex Structures LADOTD Movable Bridge Inspection Manual	\$613,000
HARDESTY & HANOVER	Bridge	4400023511 H.009730.5 Task 3	Bridge Inspection of Complex Structures US 190 bridge Inspection; Krotz Springs - Completed	\$149,466
HARDESTY & HANOVER	Bridge	4400023511 H.009730.5 Task 4	Bridge Inspection of Complex Structures SNBI Data Collection	\$1,630,656
HARDESTY & HANOVER	CE&I/OV	4400017430 H.001498.6	LA 24 and LA 316: Company Canal Bridge, Terrebonne Parish	\$444,758
HARDESTY & HANOVER	Bridge	4400023909 H.002244.5	IDIQ Contract for Movable Bridge Preservation Boudreaux Canal	\$259,318
HARDESTY & HANOVER	Bridge	4400023909 H.015963.5	IDIQ Contract for Movable Bridge Preservation Jackson Street	\$77,546
HARDESTY & HANOVER	CE&I/OV	4400024021 H.015028.6	LA 302: Bayou Barataria MB Replacement Route: LA 302	\$4,742,320
HARDESTY & HANOVER	CE&I/OV	4400024022 H.002264.6	LA 302: Bayou Barataria MB Replacement Route: LA 302	\$1,332,572

SUB-CONSULTANT – HORIZON

N/A – NO CURRENT WORK

SUB-CONSULTANT – ROYAL ENGINEERS AND CONSULTANTS, L.L.C.

FIRM(S) - ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	PAST PERFORMANCE EVAL. DISCIPLINE(S) *	CONTRACT NO. / STATE PROJ. NO.	PROJECT NAME	REMAINING UNPAID BALANCE**
ROYAL ENGINEERS AND CONSULTANTS, L.L.C.	Road, Bridge	4400024593, H.015009.5	LADOTD OSBR West Metairie Ave Bridge	N/A
ROYAL ENGINEERS AND CONSULTANTS, L.L.C.	CE&I/OV	4400028466, H.015504.6	Crescent City Connection Decorative Lighting Project	\$145,044
ROYAL ENGINEERS AND CONSULTANTS, L.L.C.	CE&I/OV	4400024438, H.010673	Harvey Tunnel Rehabilitation	\$256,299
ROYAL ENGINEERS AND CONSULTANTS, L.L.C.	CE&I/OV	4400027010, H.015018.5	Entity Contract for Lafayette Parish Non-State PVMT Markings	N/A

MEYER ENGINEERS, LTD.

Name	Type	City	Status
MEYER ENGINEERS, LTD.	Business Corporation	METAIRIE	Active
Previous Names			
Business:	MEYER ENGINEERS, LTD.		
Charter Number:	33505960D		
Registration Date:	7/13/1981		
Domicile Address			
4937 HEARST ST., SUITE 1B			
METAIRIE, LA 70001			
Mailing Address			
4937 HEARST ST., SUITE 1B			
METAIRIE, LA 70001			
Principal Office Address			
4937 HEARST ST., SUITE 1B			
METAIRIE, LA 70001			
Status			
Status:	Active		
Annual Report Status:	In Good Standing		



American Traffic Safety Services Association
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717
www.atssa.com

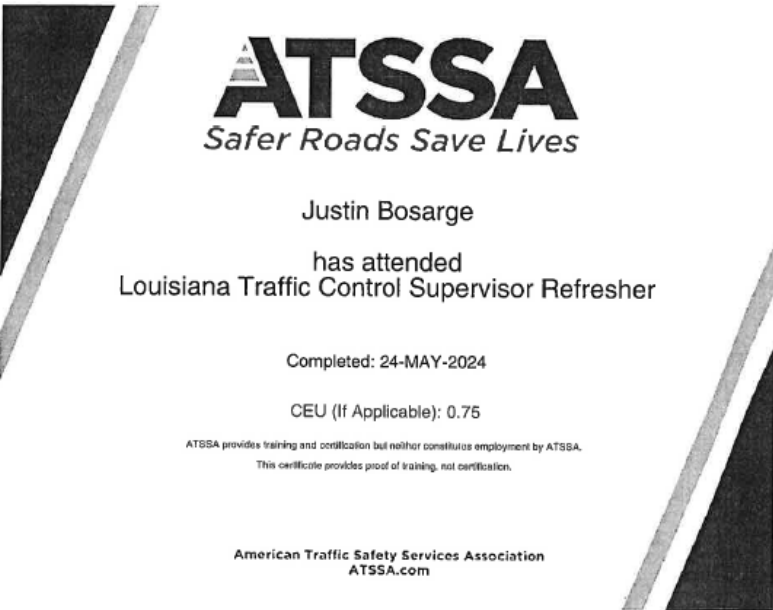
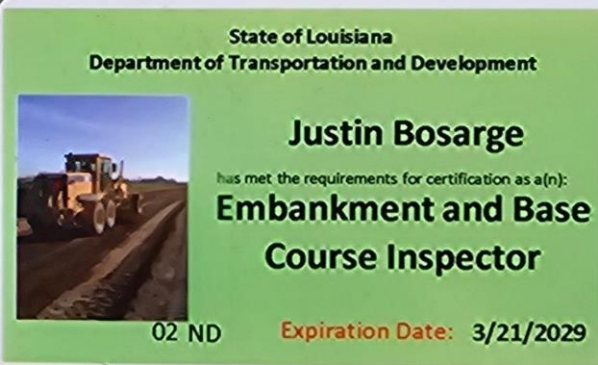
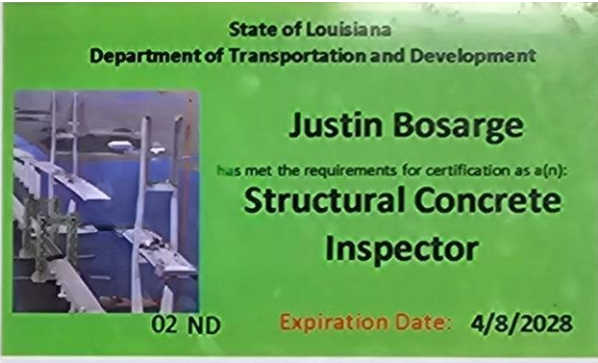


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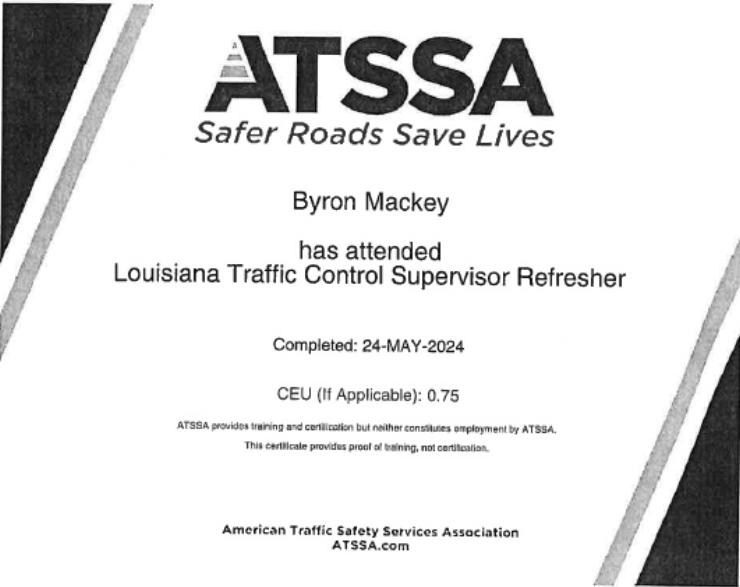


20. CERTIFICATIONS/LICENSES

MEYER ENGINEERS, LTD. (CONTINUED)



MEYER ENGINEERS, LTD. (CONTINUED)



MEYER ENGINEERS, LTD. (CONTINUED)

State of Louisiana
Department of Transportation and Development



Kyle Van Hoven
has met the requirements for certification as a(n):
PCC Paving Inspector
02 ND
Expiration Date: 9/15/2025

State of Louisiana
Department of Transportation and Development



Kyle Van Hoven
has met the requirements for certification as a(n):
Structural Concrete Inspector
02 ND
Expiration Date: 8/29/2025

State of Louisiana
Department of Transportation and Development



Kyle Van Hoven
has met the requirements for certification as a(n):
Embankment and Base Course Inspector
02 ND
Expiration Date: 10/26/2029

State of Louisiana
Department of Transportation and Development



Kyle Van Hoven
has met the requirements for certification as a(n):
Asphalt Concrete Paving Inspector/Technician
02 ND
Expiration Date: 3/25/2028

State of Louisiana
Department of Transportation and Development



James Cole
has met the requirements for certification as a(n):
HMA Paving Inspector/Technician
61 ND
Expiration Date: 4/18/2027

State of Louisiana
Department of Transportation and Development



James Cole
has met the requirements for certification as a(n):
Embankment and Base Course Inspector
61 ND
Expiration Date: 11/6/2026

James Cole

has completed the Nuclear Device Operators course and is authorized to operate Nuclear Moisture and Density Devices for the Louisiana Department of Transportation and Development.
Nuclear Device Operator
To verify the validity of this card, contact
Technology Transfer and Training Section - LTRC
4301 Gourrier Avenue
Baton Rouge, LA 70802
(225) 767-9135
See the back of this card for important
DOTD and O&G safety information
61 ND
Issue Date: 4/21/2005

State of Louisiana
Department of Transportation and Development



James Cole
has met the requirements for certification as a(n):
Structural Concrete Inspector
61 ND
Expiration Date: 3/28/2028

State of Louisiana
Department of Transportation and Development



James Cole
has met the requirements for an
Authorized Concrete Field Tester
61 ND
Issue Date: 12/6/2004

State of Louisiana
Department of Transportation and Development



James Cole
has met the requirements for certification as a(n):
PCC Paving Inspector
61 ND
Expiration Date: 1/31/2029

State of Louisiana

James Cole
has met the requirements as an
Authorized Aggregate Tester
61 ND
Issue Date: 2/15/2020



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Harry Cole
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course
CEU: 0.75


Director of Training

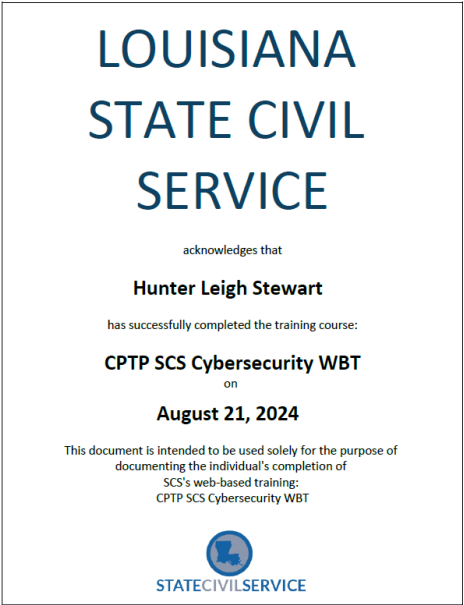
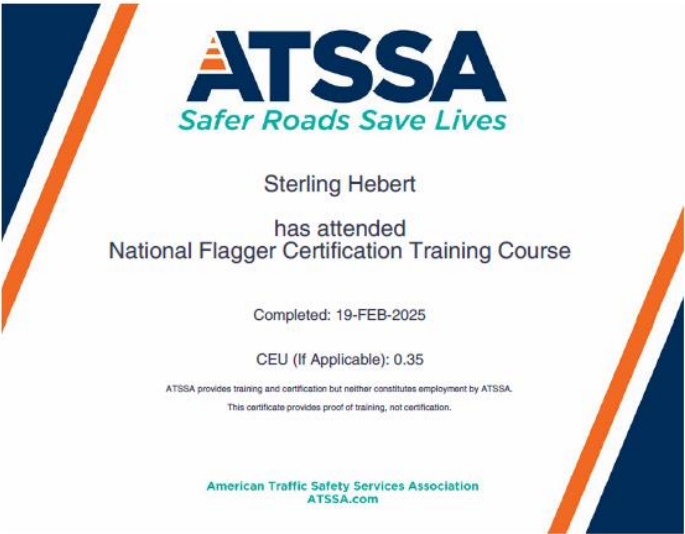
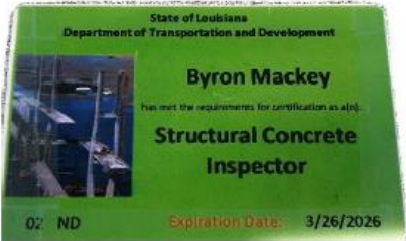
President, CEO

11/22/2022 to
11/22/2028
Training Valid Through
Baton Rouge, LA
Location

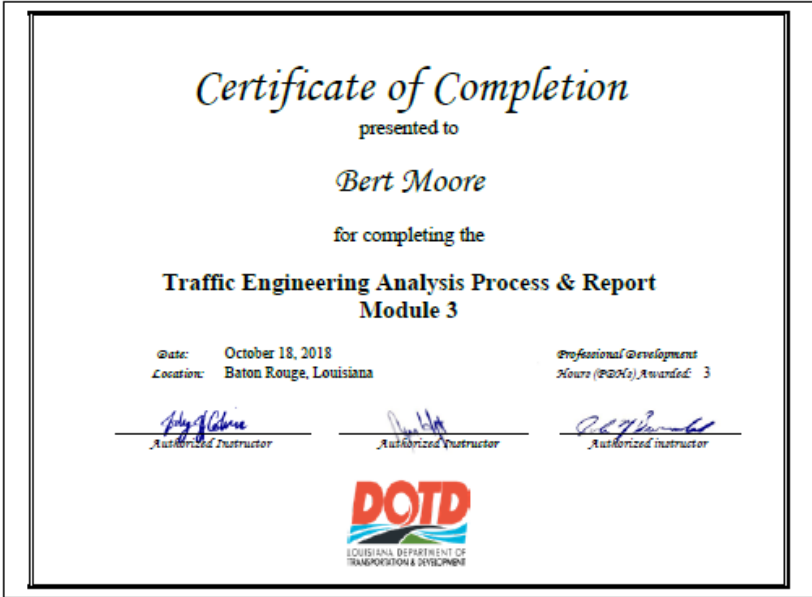
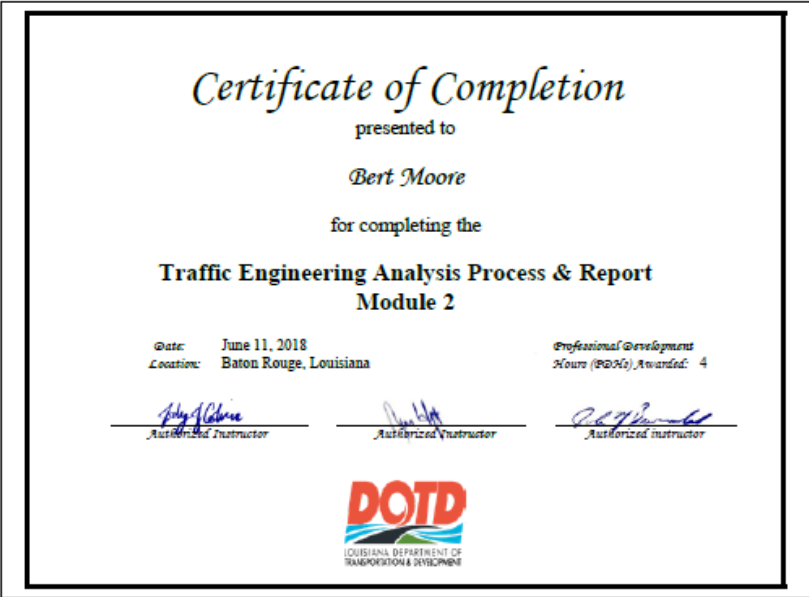
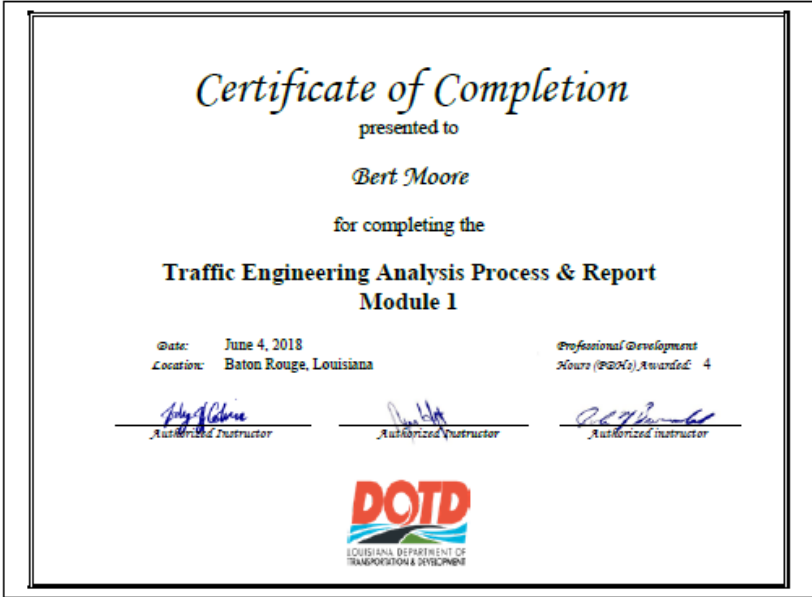
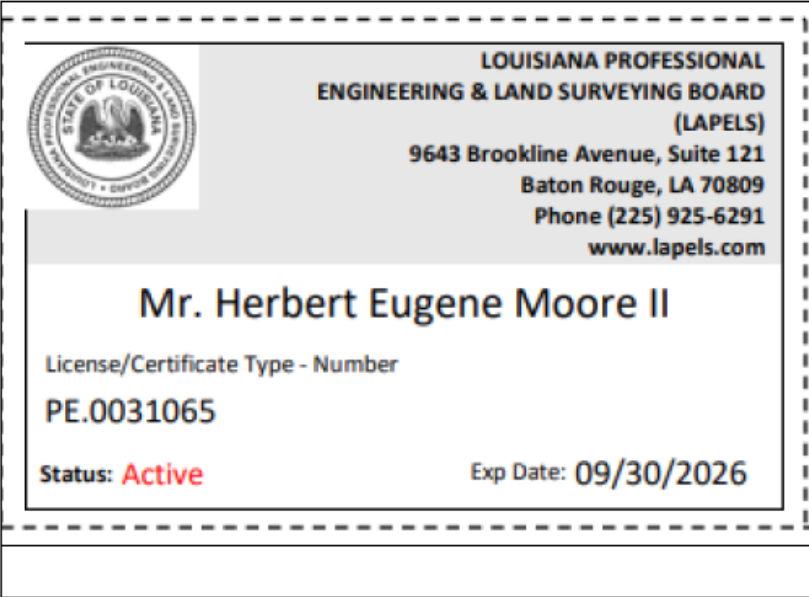
ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.


American Traffic Safety Services Association ATSSA.com

MEYER ENGINEERS, LTD. (CONTINUED)



GRESHAM SMITH



GRESHAM SMITH (CONTINUED)



GRESHAM SMITH (CONTINUED)



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

Mr. Julian Van Bordelon

License/Certificate Type - Number	Expiration Date
PE.0047473	09/30/2025

Status: **Active**

Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date:	July 1, 2019	Professional Development
Location:	Baton Rouge, Louisiana	Hours (PDHs) Awarded: 2.5


Authorized Instructor


Authorized Instructor


Authorized Instructor



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date:	July 1, 2019	Professional Development
Location:	Baton Rouge, Louisiana	Hours (PDHs) Awarded: 3.5


Authorized Instructor


Authorized Instructor


Authorized Instructor



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date:	July 2, 2019	Professional Development
Location:	Baton Rouge, Louisiana	Hours (PDHs) Awarded: 3.5


Authorized Instructor

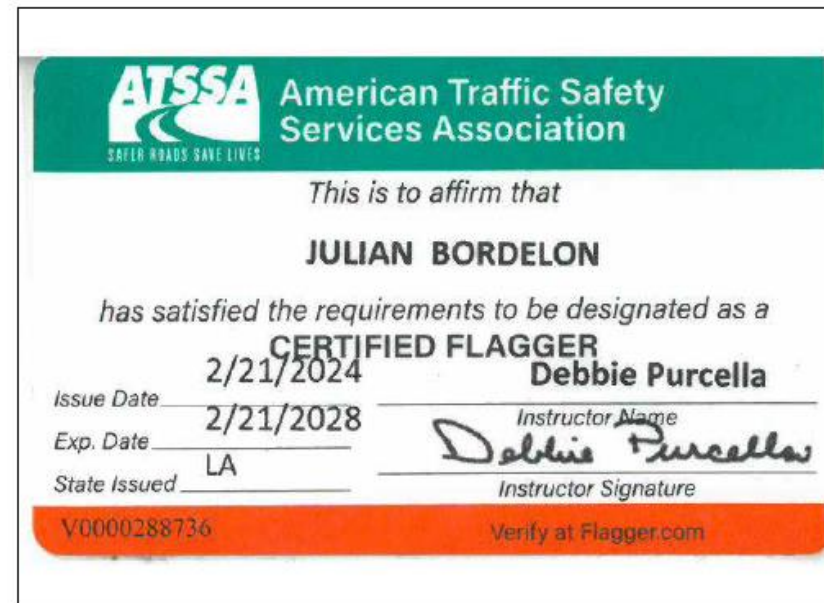

Authorized Instructor


Authorized Instructor

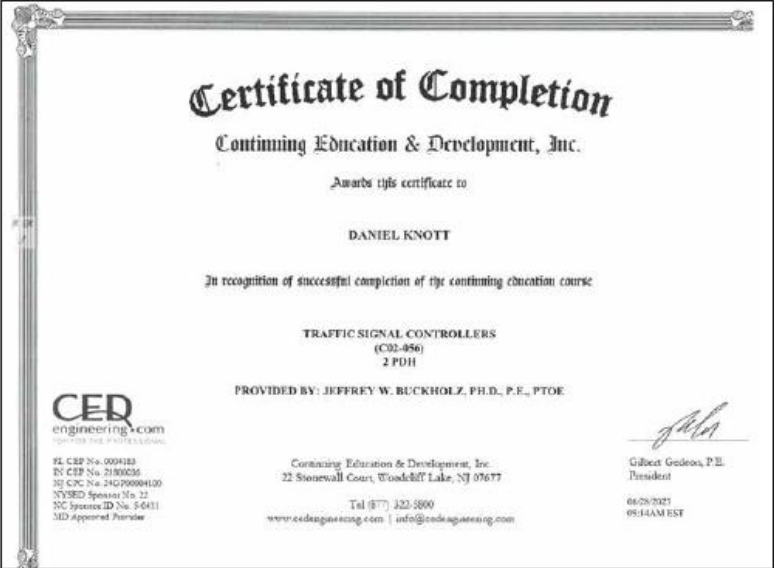
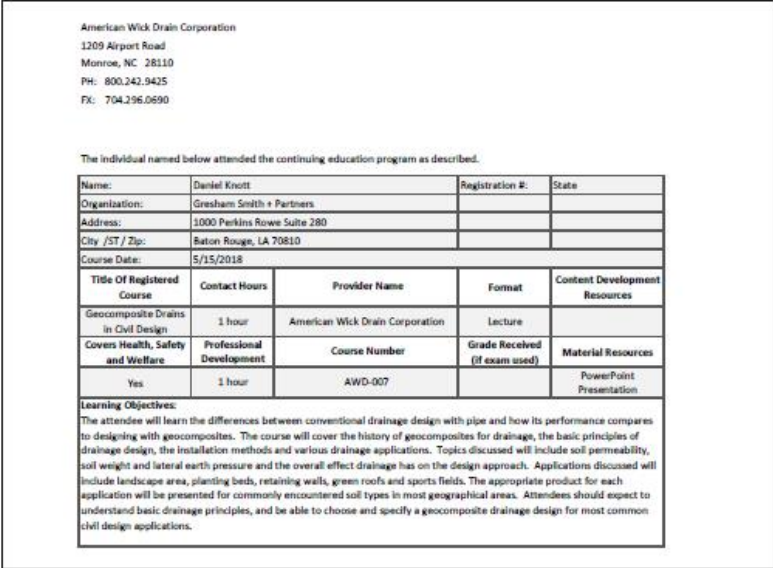
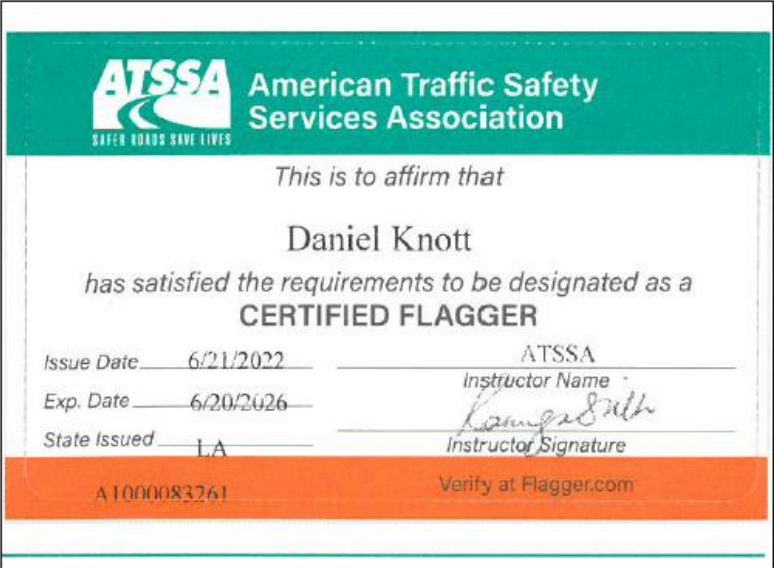


LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

GRESHAM SMITH (CONTINUED)



GRESHAM SMITH (CONTINUED)



GRESHAM SMITH (CONTINUED)



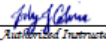
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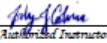
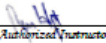
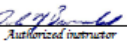


GRESHAM SMITH (CONTINUED)

 LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Alben Paul Cooper III	
License/Certificate Type - Number	Expiration Date
PE.0036291	09/30/2025
Status: Active	

<i>Certificate of Completion</i> presented to <i>Alben Cooper</i> for completing the Traffic Engineering Analysis Process & Report Module 1		
Date: February 25, 2019	Professional Development	
Location: Bridge City, Louisiana	Hours (PDHs) Awarded: 2	
 Authorized Instructor	 Authorized Instructor	 Authorized Instructor
		

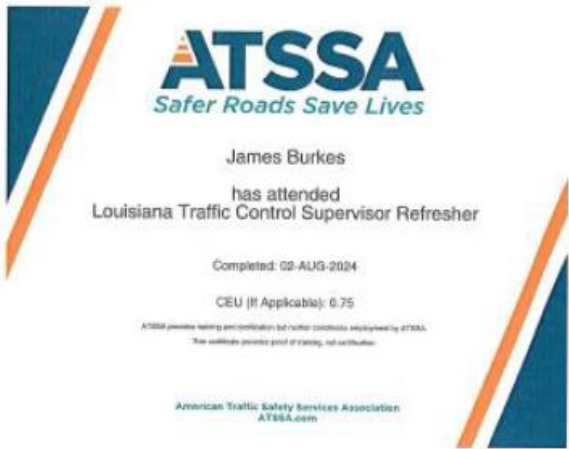
<i>Certificate of Completion</i> presented to <i>Alben Cooper</i> for completing the Traffic Engineering Analysis Process & Report Module 2		
Date: February 25, 2019	Professional Development	
Location: Bridge City, Louisiana	Hours (PDHs) Awarded: 3	
 Authorized Instructor	 Authorized Instructor	 Authorized Instructor
		

<i>Certificate of Completion</i> presented to <i>Alben Cooper</i> for completing the Traffic Engineering Analysis Process & Report Module 3		
Date: February 26, 2019	Professional Development	
Location: Bridge City, Louisiana	Hours (PDHs) Awarded: 3	
 Authorized Instructor	 Authorized Instructor	 Authorized Instructor
		

HARDESTY & HANOVER, LLC



HARDESTY & HANOVER, LLC (CONTINUED)

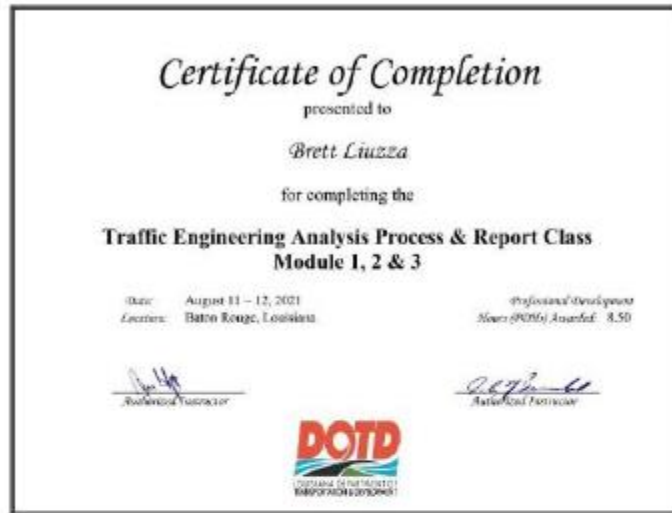


HARDESTY & HANOVER, LLC (CONTINUED)



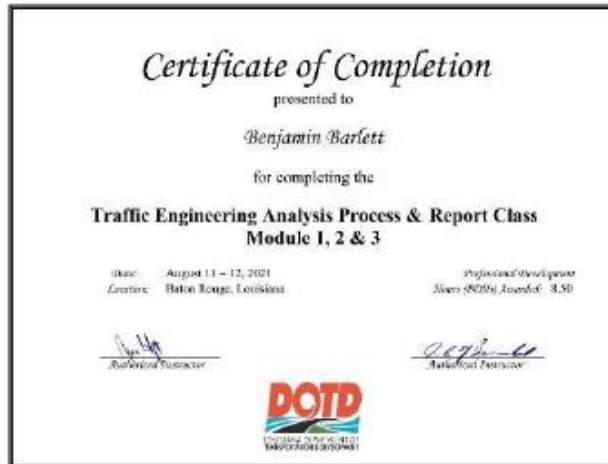
HORIZON ENGINEERING, LLC

Brett Liuzza, PE



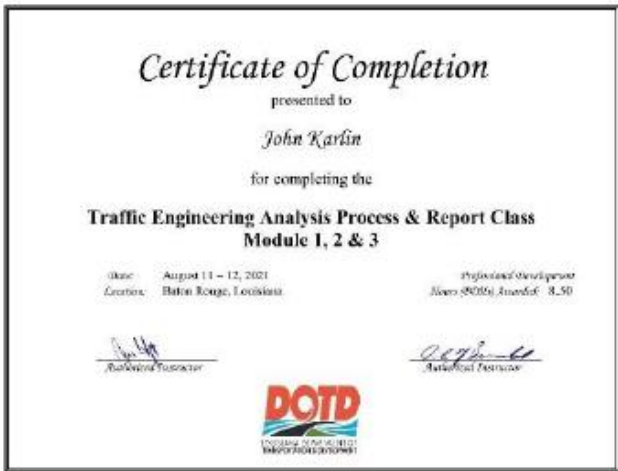
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Ben Bartlett, PE, PTOE



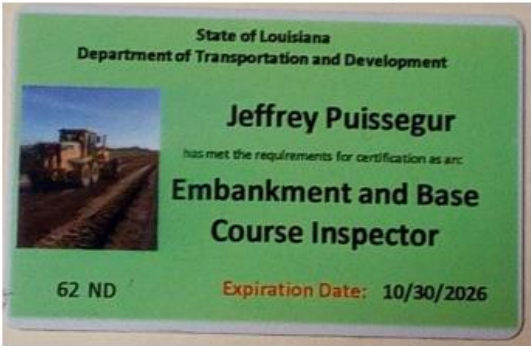
HORIZON ENGINEERING, LLC (CONTINUED)

John Karlin, SE, PE



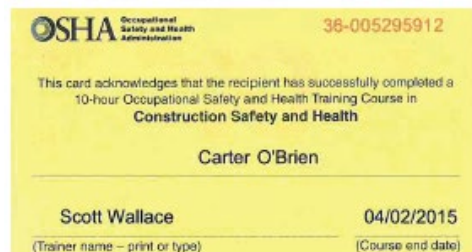
HORIZON ENGINEERING, LLC (CONTINUED)

Jeff Puissegur



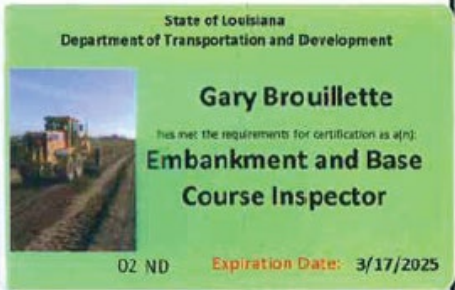
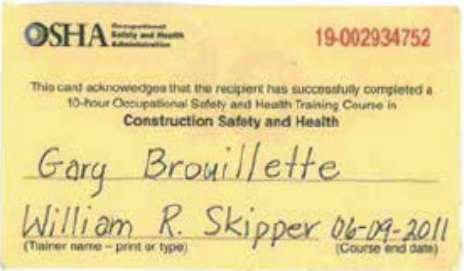
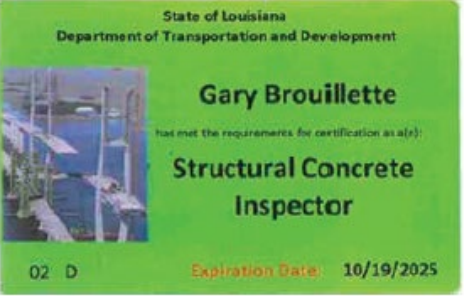
23. CERTIFICATIONS/LICENSES

ROYAL ENGINEERS AND CONSULTANTS, L.L.C.

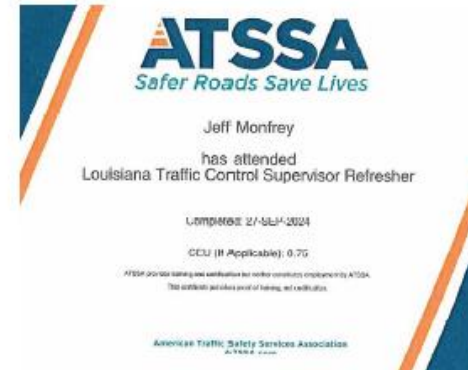
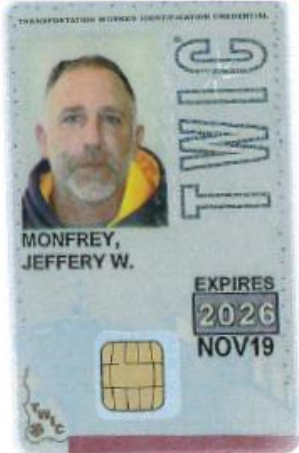
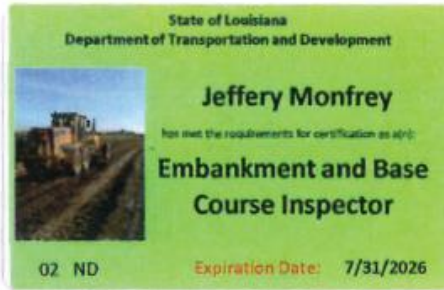


ROYAL ENGINEERS AND CONSULTANTS, L.L.C. (CONTINUED)

GARY BROUILLETTE



ROYAL ENGINEERS AND CONSULTANTS, L.L.C. (CONTINUED)



ROYAL ENGINEERS AND CONSULTANTS, L.L.C. (CONTINUED)



ROYAL ENGINEERS AND CONSULTANTS, L.L.C. (CONTINUED)



NOT APPLICABLE

22. SUB-CONSULTANT INFORMATION

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

FIRM NAME (NAME MUST MATCH AS REGISTERED WITH LOUISIANA'S SECRETARY OF STATE)	ADDRESS	POINT OF CONTACT AND EMAIL ADDRESS	PHONE NUMBER
GRESHAM SMITH	10000 Perkins Rowe, S. Tower, Suite G520 Baton Rouge, LA 70810	Herbert "Bert" Moore, II, PE, PLS, PTOE President bert.moore@greshamsmith.com	(225) 757-5849
HARDESTY & HANOVER, LLC	3850 N. Causeway Blvd., Suite 1625 Metairie, LA 70002	Babak "Bobby" Naghavi, PE, PhD President bnaghavi@hardestyhanover.com	(504) 962-9212
HORIZON ENGINEERING, LLC	1013 N. Causeway Blvd, Suite 201 Metairie, LA 70001	John Karlin, SE, PE President jkarlin@horizonengineeringllc.com	(504) 270-1830
ROYAL ENGINEERS AND CONSULTANTS, L.L.C.	1501 Religious Street, Suite C New Orleans, LA 70130	Michael Pugh, P.E., President mpugh@royal.us	(504) 283-9400

23. LOCATION

NOT APPLICABLE