



*LADOTD - Movable Bridge Inspection
and Load Rating Contract
Statewide, LA*

LADOTD

IDIQ Contracts for Bridge Load Rating Services Statewide
Contract No. 4400036211, 4400036212, 4400036213 and 4400036214

Statewide, LA | August 25, 2026



Genuine Ingenuity

10000 Perkins Rowe
South Tower - Suite G520
Baton Rouge, LA 70810

225.757.5849
GreshamSmith.com

Gresham Smith

August 25, 2026

Ms. Paulette Territo
Consultant Contract Services Administrator
LADOTD
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802

Re: Advertisement For Engineering And Related Services
Contract No. 4400036211, 4400036212, 4400036213 and 4400036214 - IDIQ Contracts for Bridge Load
Rating Services Statewide

Dear Ms. Territo:

Gresham Smith has been honored to partner with LADOTD for a variety of projects in the past. For over the past ten years, we have teamed with LADOTD on a wide array of projects from bridge inspection and design to program management through both standalone projects and IDIQs. Our key local staff all have experience successfully delivering these projects for the department and we look forward to the opportunity to continuing to do so under this IDIQ Contract for Bridge Load Rating Services. From our Baton Rouge office, and also at the corporate level, we share in the stake that the LADOTD holds in carrying out its responsibilities in the most effective manner possible.

Gresham Smith's has successfully executed numerous bridge load rating projects across Louisiana, Mississippi, Tennessee, Georgia, Florida and Alabama. For this contract we have compiled a very experienced team to address numerous concurrent tasks and any situation that may arise. Although we anticipate it could only be necessary in special cases, if there is a need for material and bridge load testing on a task order, we will add a qualified subconsultant who has completed these tasks for LADOTD in the past.

- Principal in Charge Herbert "Bert" Moore II, P.E., PLS, PTOE, this contract will be managed under Bert's leadership from our Baton Rouge office, where the work will be performed. Bert will ensure the team has any resources necessary to complete any task under this contract within time and budget constraints.
- Yun Lin, Ph.D, P.E., Project Manager will manage the day to day operations of the project to ensure that the work is progressing in accordance with the contract scope, schedule and budget. Dr. Lin is a bridge load rating expert with over 15 years of experience in research and bridge load rating both in the public and private sectors. Dr. Lin helps Departments of Transportation (DOTs) achieve realistic, cost-effective bridge load ratings through smart, automated workflows using automation driven solutions that transform how bridge programs operate, making mass load rating more practical, accurate, and scalable. His experience as VDOT Bridge Inspection Manager helps him understand how best to deliver for our DOT clients.
- Courtney Rome, P.E., Deputy Project Manager, will assist with the management of the day to day operations of the project to ensure that the work is completed in a timely manner with the highest level of quality. Courtney is a Southern University graduate that brings over 17 years of experience in wide range of bridge design engineering aspects, having spent the first half of his career working for ARDOT Bridge Design before joining Gresham Smith in 2016. Courtney has just completed serving as Project Manager for the LADOTD Movable Bridges Contract where he



lead our inspection, repairs, design improvements and estimates for the Bayou Tigre Bridge in Delcambre, LA. Courtney also served as the lead bridge engineer/inspector for the LADOTD IDIQ for Complex Bridge Inspections, which included the inspection of complex bridges statewide for the LADOTD Bridge Maintenance section and the emergency inspection and design for the US 71 Spring Street Bridge in Shreveport after it was damaged by a train derailment.

- Tom Tran, P.E., Adam Davidson, P.E., and Donald McCrary, P.E. as well as our other bridge staff will all support our team as they did with the LADOTD IDIQ for Complex Bridge Inspections that Gresham Smith was the Prime consultant. They all add vast regional and national experience working on similar projects as those that will be assigned under this IDIQ for numerous other state DOTs including Mississippi, Tennessee and Georgia. They will also support the team with on and off team QAQC reviews of the work performed under this contract.

Our team is aligned to provide the perfect blend of highly qualified staff and workforce availability. We can assure the stakeholders that we will deliver the project on-time with high quality. We respectfully ask for your consideration and appreciate the opportunity to present this proposal. Please feel free to contact me with any questions. You may reach me by phone at 225.757.5849 or by email at bert.moore@greshamsmith.com.

Sincerely,

Herbert "Bert" Moore II, P.E., PLS, PTOE
Regional Transportation Leader - Gulf

DOTD FORM: 24-102

(Revised August 1, 2026)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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 title as shown in the advertisement	IDIQ Contracts for Bridge Load Rating Services
2. Contract number(s) as shown in the advertisement	4400036211, 4400036212, 4400036213 and 4400036214
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	 Gresham Smith
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0003429 DUNS number: 059153676
6. Prime consultant mailing address	10000 Perkins Rowe, South Tower - Suite G520, Baton Rouge, LA 70810
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	10000 Perkins Rowe, South Tower - Suite G520, Baton Rouge, LA 70810
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Herbert "Bert" Moore, II, P.E., PLS, PTOE Regional Transportation Leader - Gulf 225.757.5849 / bert.moore@greshamsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Herbert "Bert" Moore, II, P.E., PLS, PTOE Regional Transportation Leader - Gulf 225.757.5849 / bert.moore@greshamsmith.com

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

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

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Signature (shall be the same person as #9):



Date: August 25, 2026

Firm(s): Firm(s)' %:

12. Past Performance Evaluation Discipline Table:

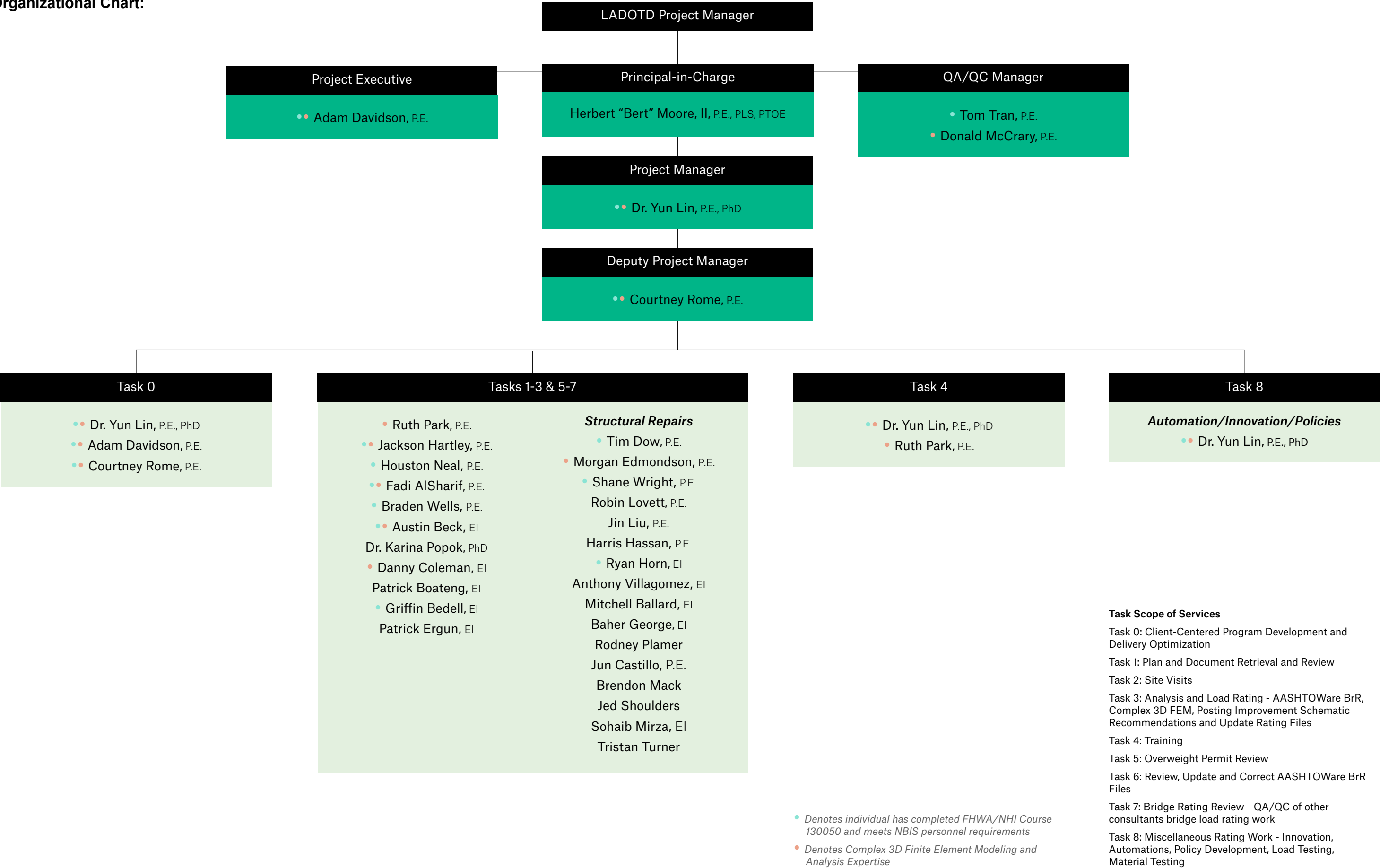
Discipline(s)	% of Overall Contract	Gresham Smith (Prime)	Each Discipline must total to 100%
Bridge	100%	100.0%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.			
Percent of Contract	100%	100.0%	100%

13. Team Size:

Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Gresham Smith	Administrative	1	2
Gresham Smith	Clerical	1	2
Gresham Smith	Designer	1	4
Gresham Smith	Engineer	4	12
Gresham Smith	Engineer – Other	4	12
Gresham Smith	Engineer Intern	4	16
Gresham Smith	Principal	1	2
Gresham Smith	Senior Technician	2	8
Gresham Smith	Supervisor – Engineer	2	12
Gresham Smith	Supervisor – Other	2	12

(Add rows as needed)

14. Organizational Chart:



15. Minimum Personnel Requirements:

MPR No. (Do not insert wording from ad)	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR / certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. - 31065 (Civil)	Louisiana	P.E. Exp. 9/30/2026
			PLS - 5043	Louisiana	PLS Exp. 9/30/2026
			PTOE - 2728	International	PTOE Exp. 9/30/2027
2.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. - 31065 (Civil)	Louisiana	P.E. Exp 9/30/2026
			PLS - 5043	Louisiana	PLS Exp. 9/30/2026
			PTOE - 2728	International	PTOE Exp. 9/30/2027
3.	Herbert "Bert" Moore, II, P.E., PLS, PTOE	Gresham Smith	P.E. - 31065 (Civil)	Louisiana	P.E. Exp 9/30/2026
			PLS - 5043	Louisiana	PLS Exp. 9/30/2026
			PTOE - 2728	International	PTOE Exp. 9/30/2027
4.	Yun Lin, Ph.D, P.E.	Gresham Smith	P.E. – 42444 (Civil)	Louisiana	P.E. Exp 09/30/2028
	Tom (Thong) Tran, P.E.	Gresham Smith	P.E. – 32072 (Civil)	Louisiana	P.E. Exp 03/31/2028
5.	Courtney Rome, P.E.	Gresham Smith	P.E. – 43355 (Civil)	Louisiana	P.E. Exp 09/30/2027
	Yun Lin, Ph.D, P.E.	Gresham Smith	P.E. – 42444 (Civil)	Louisiana	P.E. Exp 09/30/2026
	Donald McCrary, P.E.	Gresham Smith	P.E. – 48452 (Civil)	Louisiana	P.E. Exp 03/31/2028

(Add rows as needed)

16. Staff Experience:

Gresham Smith				
 Herbert "Bert" Moore, II, P.E., PLS, PTOE Project Executive	Years of experience with this firm/employer			12
	Years of experience with other firm(s)/employer(s)			15
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			Project Executive / Bert will be in charge of overall contract management.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
06/25–03/26	LADOTD, Movable Bridges Contract, Statewide, LA Project Executive. Gresham Smith was subcontracted as the lead structural engineer of record for project H.012003 – Bayou Tigre 010130. Our scope of structural services included an in-depth inspection and comprehensive load rating modeling and analysis of the movable truss swing span and its approaches. Deliverables comprised a detailed structural inspection report, a load rating report, and a Scope of Work proposal with all recommended repairs and cost estimates for improvements to the Bayou Tigre Bridge.			
05/20–09/20	LADOTD, US 71 Spring Street Bridge – Emergency Repairs (Derailment); Shreveport LA Project Executive. In April of 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. Bert provided traffic related consultation for the roadway closure task and general project oversight, particularly coordination with DOTD			
06/19–09/24	LADOTD, Complex Bridge Inspections, Statewide, LA Project Executive. Gresham Smith was selected to provide services for a 5-year Complex Bridge Inspection IDIQ contract for DOTD's Bridge Maintenance Section, one of only two firms to provide these complex services on a statewide contract. The inspections are primarily in-depth bridge inspection for fracture critical bridges (primarily trusses) and for large, moveable bridges. Bert served as Project Executive for this contract and provided traffic engineering services for multiple task orders.			
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			
 Dr. Yun Lin, Ph.D., P.E. Project Manager / Lead Bridge Load Rating Engineer	Years of experience with this employer		9
	Years of experience with other employer(s)		7
Degree(s) / Years / Specialization	BS Civil Engineering, West Virginia University, 2008 MS Civil Penn State University, 2010 Doctor of Philosophy (Ph.D.) Structures, West Virginia University, 2015		
Active registration number / state / expiration date	P.E. 0042444 / LA / 09/30/2028; PE. 0042444 / GA / 12/31/26		
Year registered	2018 (LA); 2020 (GA)	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities		Project Manager / Lead Bridge Load Rating Engineer / Dr. Lin will serve as the project manager leading the day to day on this contract and he will also serve as the lead bridge load rating engineer leading the load rating 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).		
01/19–Ongoing	TDOT, Load Rating of On-System and Off-System Bridges, Statewide, TN Load Rating Lead. From 2019 to the present, TDOT has selected Gresham Smith to perform load ratings for in-service bridges under 13 consecutive work orders, covering more than 550 bridges of diverse types. As Engineer of Record and Load Rating Lead, Dr. Lin has directed a team of eight engineers, providing technical support, managing work assignments, creating complex bridge models, and ensuring quality control. He has also delivered presentations and maintained clear, consistent communication with TDOT, ensuring expectations were met for each structure. Dr. Lin has developed specialized software solutions to enhance load rating workflows, including an ongoing TDOT project to automate load rating and posting result uploads. Through his leadership and innovation, he has strengthened collaboration with TDOT’s management team, fostered a mutual exchange of ideas, and consistently delivered results aligned with the agency’s needs. In addition, Dr. Lin has been embedded directly with TDOT to support permit approval load ratings and perform QA reviews of consultant-submitted load ratings, providing firsthand insight into TDOT’s operational processes and priorities.		
03/17–12/25	MDOT, Quality Control for 223 Multi-cell Box Girder Bridges, Statewide, MS Project Lead. Dr. Lin served as project lead and software developer for the quality control of 223 BrDR multi-cell box girder bridge models using custom API programming and Load Rating Management (LRM) software. He developed verification modules (247-item checklist for each superstructure), automated data extraction/visualization, and reporting workflows to streamline QC/QA at scale. This effort was critical to ensuring model quality for MDOT’s Express Pass Permitting program, supporting safe and reliable load rating decisions. Dr. Lin introduced innovations bridging BrDR with external programs via API, enabling efficient quality control, clear interpretation of load rating results, and deployment at statewide scale. Together with MDOT’s Load Rating Manager, he presented “From Manual to Mastered: API-Powered QC for BrDR Multi-Cell Box Girder Models” at the 2025 RADBUG Conference.		

09/24–Ongoing	TDOT, Load Rating of 9,000 On and Off System Culverts, Statewide, TN <i>Project Engineer</i>. Dr. Lin serves as project lead and software developer for TDOT's statewide culvert load rating initiative, covering more than 9,000 on- and off-system culverts. Dr. Lin has pioneered automation workflows to handle plan digitization, model automation, and QC/QA, significantly improving statewide maximum efficiency and reliability. The project is structured in three phases: • Phase 1 (Completed): Automating culvert model generation in AASHTOWare BrR through CulvBot, a custom program developed by Dr. Lin, which digitizes standard plans, imports geometry, and creates parametric BrR models using automations. This phase establishes the foundation for high-speed production, setting up the team to achieve an average of 45 culvert structures per day in subsequent phases. • Phase 2 (on-going): Statewide production rollout, integrating BrR automation with TDOT workflows, streamlining data flow to InspectX (BrM equivalent), and establishing a centralized QC/QA process. • Phase 3 (Upcoming): Load rating refinements to avoid unnecessary postings.
04/26–Ongoing	TDOT, Bridge Load Rating, Statewide, TN <i>Project Engineer</i>. In 2026, the Tennessee Department of Transportation (TDOT) expanded its bridge load rating program through a contract with the prime consultant. TDOT specifically requested that Gresham Smith serve as the load rating subconsultant so the agency could continue leveraging our specialized load rating team and established delivery processes. Under this ongoing assignment, Gresham Smith is performing load ratings for 67 bridges, providing the engineering expertise, practical bridge evaluation judgment, and automation-driven workflows that have supported TDOT's bridge program for many years. This engagement demonstrates TDOT's confidence in our team's ability to deliver high-quality load ratings efficiently and consistently.
2021-2023	VDOT, District Inspection Manager, Staunton District, VA <i>District Inspection Manager</i>. Dr. Lin directed inspection and load rating efforts for 3600+ bridges structures and 1200+ ancillary structures across 11 counties. He led a team of 15 in-house staff including 4 load rating engineers. Dr. Lin managed communications for bridge load postings, oversaw two consultant contracts; and prioritized bridge maintenance funds for bridge repairs and replacements. Dr. Lin and his team received 2022 District Engineer's award excellent service: completing 890 bridge load ratings in-house for emergency vehicle evaluations. Dr. Lin leveraged his experience to train his team, emphasizing the importance of understanding structural behavior and performance. During his tenure with VDOT, Dr. Lin excelled in his role and gained valuable perspective as a bridge owner.
03/26 – Ongoing	TDOT, Statewide Bridge Load Rating Program, Statewide, TN <i>Technical Lead</i>. In 2026, the Tennessee Department of Transportation (TDOT) expanded its bridge load rating program through multiple statewide consulting contracts with Modjeski and Masters and Benesch serving as prime consultants. For both contracts, TDOT specifically requested Gresham Smith as the load rating subconsultant, allowing the agency to continue leveraging our specialized load rating expertise, established delivery processes, and automation-driven workflows. Under these assignments, Gresham Smith is performing load ratings for 115 bridges statewide (67 bridges under the Majeski and Masters contract and 48 bridges under the Benesch contract). Services include bridge evaluation, structural modeling, load rating analyses, quality assurance, and technical coordination with TDOT. The projects demonstrate TDOT's continued confidence in our team's ability to efficiently deliver high-quality load ratings while maintaining consistency across multiple contracting vehicles. Dr. Lin serves as the technical lead and directs a team of eight engineers. His responsibilities include managing work assignments, providing technical guidance, developing complex bridge analysis models, overseeing quality control reviews, and coordinating directly with TDOT staff. He also delivers technical presentations and maintains clear, consistent communication with stakeholders to ensure project objectives, schedules, and technical expectations are successfully met.

16. Staff Experience:

Gresham Smith					
	Courtney Rome, P.E. Deputy Project Manager			Years of experience with this employer	9
				Years of experience with other employer(s)	8
Degree(s) / Years / Specialization		Bachelor of Science / 2009 / Civil Engineering, Southern University and A&M College			
Active registration number / state / expiration date		PE.0043355 / LA / Exp. 9/30/27			
Year registered		2019 (LA)	Discipline	P.E./Civil	
Contract role(s) / brief description of responsibilities			Deputy Project Manager / Courtney will serve as deputy project manager for this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
07/19–Ongoing	TDOT, Complex and Standard Bridge Load Ratings, Statewide, TN <i>Project Engineer</i>. Courtney provided bridge load ratings for approximately 141 complex structures and 137 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.				
06/25–03/26	LADOTD, Movable Bridges Contract, Statewide, LA <i>Bridge Engineer</i>. Gresham Smith was subcontracted as the lead structural engineer of record for project H.012003 – Bayou Tigre 010130. Our scope of structural services included an in-depth inspection and comprehensive load rating modeling and analysis of the movable truss swing span and its approaches. Deliverables comprised a detailed structural inspection report, a load rating report, and a Scope of Work proposal with all recommended repairs and cost estimates for improvements to the Bayou Tigre Bridge.				
05/20–09/20	LADOTD, US 71 Spring Street Bridge – Emergency Repairs (Derailment); Shreveport LA <i>Bridge Engineer</i>. Courtney served as Project Engineer for the design and construction services for the emergency repairs for the emergency repairs of the US 71 Spring Street bridge following the train derailment and subsequent damages. Courtney led the design for the substructure items, including the pile design and crashwall design, and also lead the review of the temporary shoring for the temporary shoring for the railroad.				
06/19–09/24	LADOTD, Complex Bridge Inspections, Statewide, LA <i>Bridge Engineer</i>. As an NHI Certified Bridge Inspector, Courtney performed bridge inspections for various complex bridge structures throughout Louisiana, including steel trusses, concrete structures and movable bridges.				

06/25–08/25	MDOT, 2024 BR WA #5 US 80 over Pearl River Bridge Repair, Rankin County, MS <i>Bridge Engineer</i>. Gresham Smith was engaged to provide comprehensive Phase B engineering services for the bridge repair design of Bridge 46.9, located on US 80 over the Pearl River Relief in Rankin County, Mississippi. Our scope included the development of final construction plans addressing critical repairs such as concrete girder span resetting, bearing replacements, removal and replacement of approach slabs and backwalls, joint repairs, and concrete spall remediation. Additionally, Gresham Smith delivered Phase C construction support services to ensure successful project execution and adherence to design intent.
09/22–11/25	FDEP, Shark Channel Bridge Rehabilitation Design, Key West, FL <i>Bridge Engineer</i>. Gresham Smith performed final design for the preservation of the historic, ~2,200-foot-long Shark Channel Bridge in order to re-open the structure for trail use. The preservation includes an evaluation of existing conditions to establish the scope of work, cost estimate, and the preparation of final design plans. The bridge was reopened for trail users in November 2025. Courtney served as structural engineer for the bridge preservation.
07/18–06/21	MDOT, SR 149 Simpson County Bridge Replacements, MS <i>Engineer-of-Record</i>. Gresham Smith partnered with MDOT for Phase B (Final Design) for the reconstruction of S.R. 149 near D'Lo, Simpson County, Mississippi. Courtney served as Engineer-of-Record for 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.
10/21–10/23	MDOT, Pike I-55 Bridge Jacking & Repairs, McComb, MS <i>Bridge Engineer</i>. Gresham Smith was contracted to provide Phase B Final Design Plans for the bridge jacking (raising) and repair of four local road bridges over I-55 from MS 24 to US 98 in Summit, Pike County, Mississippi. Gresham Smith provided design and details of four existing bridges to provide a minimum vertical clearance of 17'-0" over I-55. In order to achieve the 17'-0" clearance, modifications to the backwalls, concrete pedestals and elastomeric bearings had to be performed. In addition to these modifications, spall repairs to the bents, abutments, and concrete deck have also been provided.
01/17–03/21	City of Alcoa, Tesla Road Greenway Project, Alcoa, TN <i>Bridge Design Engineer</i>. Gresham Smith provided final design services on several structures in order to convert an abandoned railroad corridor to a multipurpose trail and improve vehicular access to Alcoa High School. Courtney designed a redecking plan to convert an existing railroad trestle to a multi-use trail facility over an existing stream. He also designed foundations and a retaining wall for a precast concrete arch structure to carry the new trail over a proposed local street, with steel pile foundations.
10/19–01/25	MDOT, I-55 West Frontage Road Bridge Preservation (Bridge No. 16.9C), Madison County, MS <i>Project Engineer</i>. Gresham Smith is performing Phase A & B Roadway Drainage analysis and design as well as bridge repair conceptual and final design for a bridge embankment slide. Courtney performed substructure analysis for the open-end steel pipe piles.
01/22–04/24	MDOT, 2021 WA #1 US 51 at Big Black River and Reliefs – Bridge Hydraulic Design, Madison and Yazoo Counties, MS <i>Project Engineer</i>. Gresham Smith completed field reconnaissance, data gathering, SMS/SRH-2D hydraulic models, stream stability analysis, scour calculations, countermeasure design, Hydraulic Report and Bridge Layout Drawings. SMS/SRH-2D were used to determine the most cost efficient bridge waterway opening and scour elevations meeting bridge hydraulic design criteria.

16. Staff Experience:

Gresham Smith				
 Tom Tran, P.E. QA/QC	Years of experience with this employer			14
	Years of experience with other employer(s)			21
Degree(s) / Years / Specialization		Bachelor of Science / 1991 / Civil Engineering, University of Central Florida		
Active registration number / state / expiration date		P.E.0032072 / LA / Exp. 3/31/28; P.E. 023030 / GA / Exp. 12/31/26		
Year registered		2005 (LA) 1996 (GA)	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities			QA/QC / Tom will support the QA/QC for the bridge load rating 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).			
07/19–Ongoing	TDOT, Complex Bridge Load Ratings, Statewide, TN Senior Bridge Engineer. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam–stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software. Tom provided quality control review for the complex arch structures.			
08/20–Ongoing	GDOT, Statewide Engineering On-Call for Bridge Repair, Statewide, GA Project Manager. This contract includes, Inspection, load rating and repair of problematic bridges thru out the state of Georgia. Typical scope includes inspection of bridge, verification of repair needed, development of repair plans, development of special provision, advertisement of project, review of shop drawings and post construction services as needed.			
6/19–03/20	LADOTD, Complex Bridge Inspections, Statewide, LA QA/QC. 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 QA/QC. 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.			
07/20–09/24	LADOTD, Complex Bridge Inspections, Statewide, LA QA/QC. 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.
06/21–08/21	FLDOT, Florida DEP, Florida Keys Overseas Heritage Trail Historic Bridge Evaluation, Marathon, FL QA/QC. Florida DEP selected Gresham Smith to inspect and evaluate two historic bridges, the Seven Mile Bridge and the Bahia-Honda Historic Truss. Both structures are closed to traffic.
11/14–10/17	MDOT, MS-309 Bridge Replacements, Marshall County MS Lead Bridge Engineer. Tom served as the EOR for this project. The design included replacing full timber structures with AASHTO beam structures supported by either concrete piles or pipe piles. Span lengths ranged from 41' to 140'. Structure arrangements varied from 3-span to 6-span structures. Work included Services During Construction, scheduled for completion Fall 2021.
11/13–10/14	MDOT, Roadway WA #4: US 82 Underpass Bridge Removal at Leland, Leland, MS Lead Bridge Engineer. Gresham Smith was tasked with the US 82 Underpass Bridge Removal projects to provide a feasibility study and engineering design services as required to prepare Phase A (preliminary design) plans for removal of an abandoned railroad under-pass bridge and reconstruction of approximately 1,000 linear feet of US 82 near the Old Hwy. intersection in Leland.
08/07–01/12	GDOT, SR 10/US 78 Bridge Replacement at Apalachee River, Walton, GA Senior Bridge Engineer. This project consists of replacing the existing SR 10/US 78 bridge over the Apalachee River at the Walton/Oconee County line. The existing 418-foot-long historic westbound bridge is to be replaced with a 410-foot-long bridge located north of the existing bridge. The historic bridge will remain in place. The existing 397-foot-long east bound bridge will remain. The contributing basin is 136.16 square miles. The existing bridge has a studied flood plain and floodway.
1/13–6/14	LADOTD, ITS Design and Implementation Services, WO#4: I-10 Twin Span ITS-Orleans & St. Tammany Parishes, Statewide, LA Structures Design Lead. Tom led the detailed structural analyses of new camera poles and the DMS poles could be installed on the existing foundations within the bridge structure. The DMS pole required a butterfly cantilever to support the new front access LED DMS enclosure. This was the first of each to be installed along the interstate system in Louisiana.
01/24–04/24	ALDOT, 4065 Cheshire Bridge Road over CSX Railroad Emergency Bridge Repair, Atlanta, GA Project Manager. In December 2023, a fire severely damaged the Cheshire Bridge Road over the CXS Railroad, forcing its closure shortly after a prior reopening. Gresham Smith was tasked with validating the closure, exploring traffic restoration alternatives, and developing emergency repair plans. The chosen solution involved removing the damaged span and installing a retaining wall with repairs to an adjacent bent, requiring close coordination among multiple stakeholders. Despite initial challenges such as securing CSX site access, the design team committed to delivering final plans within two weeks of receiving detailed survey data.
04/19–12/20	GDOT, SR 10 Loop over SR 8 & West Fork Trail Creek Bridge Replacements, Clarke County, GA Senior Bridge Engineer. Gresham Smith worked closely with the GDOT to provide the roadway design and bridge engineering services for the replacement of twin bridges over SR 8 and West Fork Trail Creek. The team used a combination of raising the vertical profile of SR 10 and implementing the shallow Florida I-beam in the design to improve the vertical clearance of bridges that have been impacted in the past by vehicles traveling SR 8.

16. Staff Experience:

Gresham Smith

**Donald McCrary, P.E.**

Senior Bridge Engineer

Years of experience with this employer

9

Years of experience with other employer(s)

16

Degree(s) / Years / Specialization	Bachelor of Science / 2001 / Civil Engineering / Tennessee Technological University		
Active registration number / state / expiration date	PE. 11070 / TN / Exp. 07/31/27; PE. 48452 / LA / Exp. 03/31/28		
Year registered	2009 (TN) 2023 (LA)	Discipline	P.E./Civil
Contract role(s) / brief description of responsibilities		Senior Bridge Engineer / Donald will support the load rating 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).		
07/19–Ongoing	TDOT, Complex Bridge Load Ratings, Statewide, TN Senior Bridge Engineer. Donald provided support for the bridge load ratings on approximately 115 complex structures and 35 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.		
07/24–06/25	MDOT, 2024 WA#3 Box Girder Load Rating Model, Jackson, MS Senior Bridge Engineer. Gresham Smith has partnered with the Mississippi Department of Transportation (MDOT) Bridge Division to provide comprehensive in-house expertise in the design of bridge load ratings. Our team provides quality control checking services for 223 bridge load ratings over a two-year period. The primary focus of this project is to verify AASHTOWare Bridge Rating (BrR) models for multi-cell box girder bridges, ensuring the accuracy of MDOT’s automated bridge permit program.		
04/26–Ongoing	TDOT, Bridge Load Rating, Statewide, TN Senior Bridge Engineer. In 2026, the Tennessee Department of Transportation (TDOT) expanded its bridge load rating program through a contract with the prime consultant. TDOT specifically requested that Gresham Smith serve as the load rating subconsultant so the agency could continue leveraging our specialized load rating team and established delivery processes. Under this ongoing assignment, Gresham Smith is performing load ratings for 67 bridges, providing the engineering expertise, practical bridge evaluation judgment, and automation-driven workflows that have supported TDOT's bridge program for many years. This engagement demonstrates TDOT's confidence in our team's ability to deliver high-quality load ratings efficiently and consistently.		
03/24 – 01/26	City of Knoxville, Gay Street Bridge Analysis & Repair, Knoxville, TN Senior Bridge Engineer. Gresham Smith assisted the City of Knoxville with the emergency repair of the seven-span Gay Street Truss Bridge over the Tennessee River, which was closed after significant structural issues were identified. The project involved a high-level structural assessment and repair plan processing, including drone-based inspection of fracture-critical components, a comprehensive load rating analysis, and the development of repair strategies to safely reopen the bridge for limited pedestrian access.		

10/17–06/26	TDOT, Bridge Maintenance and Repair Contract, Regions 1, 2 & 3, TN <i>Project Engineer</i>. This contract has included underwater bridge inspections, routine structural repairs, superstructure replacements and widening, full structure replacements and Accelerated Bridge Construction projects. Donald's responsibilities included preliminary layouts, bridge inspections, superstructure design, substructure design, quantities, and preparing and organizing plan sheets and detail sheets.
06/21–04/24	TDOT, Broadway Viaduct (SR 1) CM/GC Owner's Representative, Nashville, TN <i>Project Engineer</i>. Gresham Smith was TDOT's Owner Representative and designed the replacement of the aging Broadway Viaduct over CSXT RR yard and 11th Avenue in Nashville. This CM/GC project included Accelerated Bridge Construction (ABC) techniques to minimize impacts to both vehicular and pedestrian traffic and to local businesses. The bridge was replaced in only 12 months instead of multiple years of traditional phased construction, during which the contractor was allowed a mere 8-week maximum full closure of Broadway. Gresham Smith designed the roadway and bridge with innovative design features and aesthetic treatments. PlanGrid was used for project documentation distribution, reviews, and storage
06/17–1/18	TDOT, I-40 Interchange at SR 255, Davidson County, TN <i>Project Engineer</i>. The proposed structure is a two-span steel welded plate girder bridge. Additionally, this project has two other bridge structures along SR 255 crossing MNAA East-West Road and McCrory Creek. The geometric layout and preliminary design were also developed for these structures. The MNAA bridge structure proposes a single-span prestressed concrete girder structure that utilizes uniquely modified bulb-tee beams to meet the tight vertical alignment and clearance constraints. The McCrory Creek bridge structure is a three-span traditional prestressed concrete bulb-tee girder bridge.
06/17–Ongoing	TDOT, SR 171 over I-40 Bridge Widening, Wilson County, TN <i>Senior Bridge Engineer</i>. This project included the widening of a 249-foot four-continuous-span, concrete structure utilizing 36-inch by 36-inch precast prestressed concrete box beams with composite deck. Donald's responsibilities included bridge inspections, superstructure design, substructure design, quantities, and QA/QC of design and plans.
06/25–08/25	MDOT, 2024 BR WA #5 US 80 over Pearl River Bridge Repair, Rankin County, MS <i>Bridge Engineer</i>. Gresham Smith was engaged to provide comprehensive Phase B engineering services for the bridge repair design of Bridge 46.9, located on US 80 over the Pearl River Relief in Rankin County, Mississippi. Our scope included the development of final construction plans addressing critical repairs such as concrete girder span resetting, bearing replacements, removal and replacement of approach slabs and backwalls, joint repairs, and concrete spall remediation. Additionally, Gresham Smith delivered Phase C construction support services to ensure successful project execution and adherence to design intent.
07/18–06/21	MDOT, SR 149 Simpson County Bridge Replacements, MS <i>Senior Bridge Engineer</i>. Gresham Smith partnered with MDOT for Phase B (Final Design) for the reconstruction of S.R. 149 near D'Lo, Simpson County, Mississippi. 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.

16. Staff Experience:

Gresham Smith					
	Adam Davidson, P.E. Project Executive / Technical Resource		Years of experience with this employer		9
			Years of experience with other employer(s)		18
Degree(s) / Years / Specialization		Master of Science / 2009 / Structural Engineering, University of Tennessee, Knoxville Bachelor of Science / 2002 / Civil Engineering (Structural Emphasis), Tennessee Technological University			
Active registration number / state / expiration date		PE. #110436 / TN / Exp. 1/31/28			
Year registered		2008 (TN)	Discipline	P.E./Civil	
Contract role(s) / brief description of responsibilities			Project Executive / Technical Resource / Adam will oversee successful technical delivery of all aspects of this contract.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
07/19–Ongoing	TDOT, Complex and Standard Bridge Load Ratings, Statewide, TN Project Manager, Senior Bridge Engineer. Adam provided bridge load rating management and QC reviews for approximately 141 complex structures and 137 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.				
04/26–Ongoing	TDOT, Bridge Load Rating, Statewide, TN Senior Bridge Engineer. In 2026, the Tennessee Department of Transportation (TDOT) expanded its bridge load rating program through a contract with the prime consultant. TDOT specifically requested that Gresham Smith serve as the load rating subconsultant so the agency could continue leveraging our specialized load rating team and established delivery processes. Under this ongoing assignment, Gresham Smith is performing load ratings for 67 bridges, providing the engineering expertise, practical bridge evaluation judgment, and automation-driven workflows that have supported TDOT's bridge program for many years. This engagement demonstrates TDOT's confidence in our team's ability to deliver high-quality load ratings efficiently and consistently.				
06/25–03/26	LADOTD, Movable Bridges Contract, Statewide, LA Senior Bridge Engineer. Gresham Smith was subcontracted as the lead structural engineer of record for project H.012003 – Bayou Tigre 010130. Our scope of structural services included an in-depth inspection and comprehensive load rating modeling and analysis of the movable truss swing span and its approaches. Deliverables comprised a detailed structural inspection report, a load rating report, and a Scope of Work proposal with all recommended repairs and cost estimates for improvements to the Bayou Tigre Bridge.				

10/17–06/26	TDOT, Bridge Maintenance and Repair Contract, Regions 1, 2 & 3, TN Senior Bridge Engineer. This contract has included underwater bridge inspections, routine structural repairs, superstructure replacements and widening, full structure replacements and Accelerated Bridge Construction projects. Adam's responsibilities included preliminary layouts, bridge inspections, superstructure design, substructure design, quantities, and preparing and organizing plan sheets and detail sheets.
06/19–09/24	LADOTD, Complex Bridge Inspections, Statewide, LA Senior Bridge Engineer. Adam assisted with QA/QC and plan creation for multiple task orders of this master contract.
07/09–02/15	TVA, Bridge Load Rating Services Senior Bridge Engineer. Adam served as a structural engineer providing bridge load ratings on the following four structures located on TVA properties: Intake Tower Access Bridge at Blue Ridge Reservoir, Bridge over Kentucky Dam, Bridge over Chickamauga Dam, Bridge over Pickwick Dam, and Bridge on Bellefonte Access Rd. The structures load rated consisted of a steel truss bridge, steel girder-floor beam-stringer bridges, and a concrete slab bridge.
03/24 – 01/26	City of Knoxville, Gay Street Bridge Analysis & Repair, Knoxville, TN Senior Bridge Engineer. Gresham Smith assisted the City of Knoxville with the emergency repair of the seven-span Gay Street Truss Bridge over the Tennessee River, which was closed after significant structural issues were identified. The project involved a high-level structural assessment and repair plan processing, including drone-based inspection of fracture-critical components, a comprehensive load rating analysis, and the development of repair strategies to safely reopen the bridge for limited pedestrian access.
10/15–6/17	Eastern Federal Lands Highway Division (EFLHD) of the FHWA Senior Bridge Engineer. Adam provided bridge load ratings on several dozen bridges as part of an on-call contract, containing over 3,347 bridges in over 32 states and Washington, DC including the entire length of the Blue Ridge Parkway and Natchez Trace Parkway. Bridge load ratings prepared using AASHTOWare BrR.
10/15–6/17	Heavy Haul Load Rating (Northern Virginia) Senior Bridge Engineer. Adam provided bridge load ratings on 20 structures for the passage of several superload hauler configurations with a maximum gross vehicle weight of approximately 1.7 million pounds for the delivery of components to the Panda Stonewall Energy Center in northern Virginia. Structures were analyzed using AASHTOWare BrR software and included eight concrete culverts, one arch culvert, three cored slabs, four prestressed concrete girder bridges, and four steel girder bridges. The project also included field verification of the condition of the structures.
06/21–04/24	TDOT, Broadway Viaduct (SR 1) CM/GC Owner's Representative, Nashville, TN Project Engineer. Gresham Smith was TDOT's Owner Representative and designed the replacement of the aging Broadway Viaduct over CSXT RR yard and 11th Avenue in Nashville. This CM/GC project included Accelerated Bridge Construction (ABC) techniques to minimize impacts to both vehicular and pedestrian traffic and to local businesses. The bridge was replaced in only 12 months instead of multiple years of traditional phased construction, during which the contractor was allowed a mere 8-week maximum full closure of Broadway. Gresham Smith designed the roadway and bridge with innovative design features and aesthetic treatments. PlanGrid was used for project documentation distribution, reviews, and storage
01/17–03/21	City of Alcoa, Tesla Road Greenway Project, Alcoa, TN Senior Bridge Engineer. Gresham Smith provided final design services on several structures in order to convert an abandoned railroad corridor to a multipurpose trail and improve vehicular access to Alcoa High School.

16. Staff Experience:

Gresham Smith



Tim Dow, P.E.
Senior Bridge Engineer

 Tim Dow, P.E. Senior Bridge Engineer		Years of experience with this employer		12
		Years of experience with other employer(s)		0
Degree(s) / Years / Specialization		Master of Science / 2019 / Civil Engineering, Kennesaw State University; Bachelor of Science / 2015 / Civil Engineering, Southern Polytechnic State University		
Active registration number / state / expiration date		P.E. 43940 / GA / 12/31/2026		
Year registered		2018 (GA)	Discipline	P.E. / Civil
Contract role(s) / brief description of responsibilities			Senior Bridge Engineer / Tim will lead bridge repair tasks.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/25–Ongoing	GDOT, Statewide On-Call Task Order (TO) Services Contract for Bridge Maintenance Engineering Services, Statewide, GA Bridge Engineer Lead . Tim is currently engaged in a multi-project bridge rehabilitation program, supporting 36 structures across 10 rehabilitation projects at various stages—from early scoping and repair recommendations to construction-phase technical support. The contract enables Gresham Smith to deliver end-to-end services for existing bridges across Georgia, combining inspection and rehabilitation design with in-house capabilities in structural, roadway, hydraulics, and environmental. Ongoing work includes steel cleaning/painting, bearing repairs, hydro-demolition and deck overlays (LMC/polymer), joint replacements, bridge raising, epoxy crack injection, pedestal replacement, pile jacketing, erosion repairs, and pier/abutment strengthening.			
07/20–07/25	GDOT, Statewide On-Call Task Order (TO) Services Contract for Bridge Maintenance Engineering Services, Statewide, GA Bridge Engineer Lead . Tim worked on 100+ structures including 11 rehab projects, 6 quick response ITB projects, and 9 preservation projects. He also worked directly with BMU staff as an embed and worked on revising the GDOT Bridge Repair Manual. This contract enables Gresham Smith to provide design, maintenance and inspection of existing bridges throughout Georgia, including other services such as roadway design, surveying, geotechnical, bridge hydraulics and environmental.			
02/24–12/24	Newton County Transportation Department, Bridge Rehabilitations at 18 Locations, Newton County, GA Bridge Engineer Lead . This project consists of providing engineering services and repair plans for 18 bridges in Newton County, GA. Gresham Smith was tasked with inspection of the structures and developing bid plans and special provisions for the rehabilitation of the bridges. Repair items include latex modified concrete overlays, partial deck replacement, resealing of bridge joints, painting of existing steel beams and h-piles, pile encasement, rip-rap repairs, guardrail replacements/repairs, patching concrete bridge, flowable fill, repairing end diaphragms, clean and paint bearing assemblies.			

16. Staff Experience:

Gresham Smith



Jackson Hartley, P.E.
Bridge Engineer

Years of experience with this employer

4

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization

Bachelor of Science, Civil Engineering, Louisiana State University, 2021

Active registration number /
state / expiration date

P.E.0051317 / LA / 9/30/2026

Year registered

2026

Discipline

P.E./ Civil

Contract role(s) / brief description of responsibilities

Bridge Engineer / Jackson will support the load rating 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).

05/21–Ongoing

TDOT, Complex and Standard Bridge Load Ratings, Statewide, TN | Bridge Engineer. Jackson designed and developed a series of load rating models for a variety of bridge types across Tennessee, including steel girder system bridges, steel floor system bridges, concrete tee beam bridges, and box girder bridges, in both AASHTOWare Bridge Rating and CSiBridge. Some of these required complex 3D FEM modeling for superstructures and substructures to provide an accurate analysis. He also conducted thorough reviews of bridge load rating models and worked as part of an embedded TDOT load rating QA team.

07/24–06/25

MDOT, 2024 WA#3 Box Girder Load Rating Model, Jackson, MS | Engineer Intern. Jackson created load rating models for multi-cell box girder bridges in Mississippi utilizing AASHTOWare Bridge Rating software to ensure structural safety. Jackson also conducted in-depth reviews of dozens of existing load rating models, identifying errors and making the necessary adjustments to produce an accurate rating of the bridge load.

12/25 – Ongoing

TDOT, Culvert Load Ratings, Statewide, TN | Bridge Engineer. Jackson designed and developed hundreds of load rating models for a variety of box culverts and slab culverts across Tennessee using custom automation software developed specifically for the project, saving budget and streamlining operations.

06/25–03/26

LADOTD, Movable Bridges Contract, Statewide, LA | Bridge Engineer Intern. Jackson was a member of the bridge inspection teams responsible for inspecting five historic movable bridges in southern Louisiana. Jackson conducted on-site inspections to document deficiencies and assess the overall bridge conditions. He prepared the inspection reports and helped design practical and effective rehabilitation plans to preserve the bridge structure’s integrity.

06/19–09/24

LADOTD, Complex Bridge Inspections, Statewide, LA | Bridge Engineer Intern. As an NHI Certified Bridge Inspector, Jackson performed bridge inspections for various complex bridge structures throughout Louisiana, including steel trusses, concrete structures and movable bridges.

Gresham Smith

16. Staff Experience:

Gresham Smith

**Ruth Park, P.E.**

Bridge Engineer

Years of experience with this employer

9

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization	Bachelor of Science / 2018 / Civil Engineering / Lipscomb University		
Active registration number / state / expiration date	P.E.126968 / TN / 10/31/2026		
Year registered	2022	Discipline	P.E. / Civil
Contract role(s) / brief description of responsibilities	Bridge Engineer / Ruth will support the load rating 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).		
2019–Ongoing	TDOT, Load Rating of On-System and Off-System Bridges, Statewide, TN Bridge Engineer. Since 2019, Ruth has served as a key member of Gresham Smith's bridge load rating team supporting TDOT's statewide bridge load rating program. Under 13 consecutive work orders encompassing more than 550 bridges, she has performed load ratings and developed structural analysis models for a wide variety of bridge types, including steel and concrete girder bridges, box culverts, trusses, arches, and other complex structures. Ruth's primary responsibilities include developing analytical and finite element models, evaluating load carrying capacity, supporting quality control reviews, and assisting with load rating report preparation. She has played a significant role in the successful delivery of TDOT's bridge load rating program by providing technical expertise for complex structures and supporting efficient project execution across multiple concurrent assignments. Through close coordination with project leadership and TDOT staff, Ruth has contributed to the consistent delivery of accurate and reliable load rating results that support bridge management, permitting, and asset preservation decisions statewide.		
09/24–Ongoing	TDOT, Load Rating of 9,000 On and Off-System Culverts, Statewide, TN Bridge Engineer. Ruth serves as a senior load rating engineer supporting TDOT's statewide culvert load rating initiative covering more than 9,000 culverts. She has contributed to the development, review, and validation of automated load rating workflows used to evaluate a large inventory of reinforced concrete culverts throughout Tennessee. Her responsibilities include reviewing generated models, evaluating atypical structures, performing independent engineering verification, supporting quality assurance processes, and assisting with implementation of automated load rating procedures. Through her technical expertise and attention to detail, she has helped ensure consistency and reliability across a statewide program designed to significantly improve production efficiency while maintaining engineering quality.		
03/26–Ongoing	TDOT, Statewide Bridge Load Rating Program, Statewide, TN Bridge Engineer. In 2026, TDOT expanded its bridge load rating program through statewide consulting contracts with Modjeski and Masters and Benesch serving as prime consultants. Ruth serves as a lead bridge rating engineer supporting the delivery of load ratings for 115 bridges statewide. Her responsibilities include developing structural analysis and finite element models, performing load rating evaluations, assisting with quality control reviews, and resolving complex analytical issues associated with unique bridge configurations. She works closely with project leadership and TDOT staff to support consistent application of load rating methodologies and deliver technically sound results.		

	Through her extensive experience with bridge analysis and load rating, Ms. Park has helped maintain the efficient and reliable delivery of load rating services that TDOT has come to expect from Gresham Smith's specialized bridge rating team.
03/17–12/25	MDOT, Quality Control for 223 Multi-Cell Box Girder Bridges, Statewide, MS <i>Bridge Engineer</i>. Ruth contributed to statewide quality control efforts for 223 BrDR multi-cell box girder bridge models supporting MDOT's Express Pass Permitting Program. Her responsibilities included model review, verification of structural behavior, evaluation of load rating results, and support for quality assurance procedures developed to validate large numbers of analytical models. Working closely with project leadership, she assisted in identifying modeling inconsistencies and verifying that bridge models accurately represented field conditions and design behavior. Her experience with complex bridge analysis and load rating helped ensure the quality and reliability of bridge models used for statewide permitting and load rating decisions.
2025–Ongoing	TDOT, Embedded Load Rating and Permit Review Support, Nashville, TN <i>Bridge Engineer</i>. Ruth serves as an embedded bridge load rating engineer supporting the Tennessee Department of Transportation's Bridge Team. Working directly with TDOT staff, she provides quality assurance reviews of consultant-submitted load ratings and supports the agency's bridge permitting program through technical review and oversight of load rating evaluations. As part of her embedded role, Ruth leads a team responsible for reviewing permit-related load rating requests and evaluating bridge capacity for overweight vehicle movements throughout the state. Her responsibilities include coordinating technical reviews, providing engineering guidance, and ensuring timely responses to permit requests while maintaining compliance with TDOT and FHWA requirements. In addition, Ruth performs independent quality assurance reviews of consultant-developed load ratings, verifying modeling assumptions, load rating methodologies, and rating results for a wide range of bridge types. Through close collaboration with TDOT management and consultant teams, she helps ensure consistency, accuracy, and reliability across the agency's bridge load rating program while supporting critical transportation and freight mobility needs statewide.
06/19–09/24	LADOTD, Complex Bridge Inspections, Statewide, LA <i>Bridge Engineer</i>. As an NHI Certified Bridge Inspector, Ruth performed bridge inspections for various complex bridge structures throughout Louisiana, including steel trusses, concrete structures and movable bridges.

16. Staff Experience:

Gresham Smith

**Fadi Alsharif, P.E.**

Senior Bridge Engineer

Years of experience with this employer

1

Years of experience with other employer(s)

16

Degree(s) / Years / Specialization

Bachelor of Science / Civil Engineering, University of Jordan;
Master of Science / 2014 / Civil Engineering, University of Illinois at Chicago

Active registration number / state / expiration date

P.E. 84483 / FL / Exp 2/28/2027

Year registered

2018

Discipline

P.E. / Civil

Contract role(s) / brief description of responsibilities

Senior Bridge Engineer / Fadi will support the load rating 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 time specified in the applicable MPR(s).

06/25–03/26

LADOTD, Movable Bridges Contract, Statewide, LA | Bridge Engineer. Fadi performed a hands-on inspection for this 160' long, swing-span movable bridge superstructure and substructure, in addition to the approach spans. Fadi's inspection identified defects along the structure. Fadi also performed load rating of the swing-span bridge including the as-built and the inspected conditions using AASHTOWare Bridge Rating Software and MIDAS Civil.

2025–2026

LADOTD, Bayou Tigre Bridge at Calcambre, Vermillion Parish, LA | Bridge Engineer. Fadi's role in this project was to perform hands-on inspection of the 160' swing span Bayou Tigre bridge. I also performed load rating analysis and prepared the load rating final report.

01/20–12/20

SCDOT, Bridge Load Rating, Statewide, SC | Bridge Engineer. This project consisted of the load rating of over 260 bridges varying in type and material. I have performed the Quality Control of the load rating of over 200 bridges, including single span and multi-span prestressed concrete girder bridges, concrete T-beam bridges, slab bridges, plate girder steel bridges, widened bridges, in addition to single- cell and multi-cell culverts.

01/17 – 12/17

MDOT, Bridge Load Ratings, Statewide, MS | Bridge Engineer. Performed superstructure load rating of over 30 bridges which varied between timber, prestressed concrete, concrete slab bridges, concrete channel beams, rolled steel and steel plate girders in simple and continuous spans. I was also a part of the QC/QA process to review the load rating of more than 40 bridges utilizing AASHTO Ware Bridge Rating Software.

10/23–02/25

FDEP, Florida Keys Overseas Heritage Trail | Bridge Engineer. The project involved the rehabilitation of 8 bridges into a trail. At the first phase of the project and as an inspection team leader, Fadi conducted inspections for 8 trail bridges and provided an assessment report for each bridge. At the second phase, Fadi provided bridge rehabilitation plans to remove the bridge overhangs and construct pedestrian railings.

06/24–02/25

FDOT D3, SR 10 over Marquis Bayou, Florida, District 3 | Bridge Engineer. Structural engineer responsible for creating a bridge developmental report and 30% plans for the widening of the existing 8-span 296 ft long skewed bridge, located on a horizontal curve. The new bridge width is 95'-7" instead of the existing 57'-8"

16. Staff Experience:

Gresham Smith

**Houston Neal, P.E.**

Senior Bridge Engineer

Years of experience with this employer

1

Years of experience with other employer(s)

12

Degree(s) / Years / Specialization		Master of Science / 2011 / Structural Engineering, University of Tennessee; Bachelor of Science / 2010 / Civil Engineering, University of Tennessee		
Active registration number / state / expiration date		P.E. 117912 / TN / Exp 06/30/2027		
Year registered		2015	Discipline	P.E. / Civil
Contract role(s) / brief description of responsibilities		Senior Bridge Engineer / Houston will support the bridge team.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/23–01/25	TDOT, Bridge Load Ratings, July 2023 Bundle, Multiple Counties, TN Engineer of Record. This project included load rating 46 bridges. The work included an in-depth review of existing bridge plans and inspection reports, as well as developing bridge load rating models using either AASHTOWare BrR or CSiBridge to accurately represent current conditions. Stamped final load rating reports were prepared and submitted to TDOT for official bridge inventory records and determining posting limits.			
12/22–01/25	TDOT, Bridge Load Ratings, December 2022 Bundle, Multiple Counties, TN Engineer of Record. Houston served as an Evaluator/Reviewer and EOR on this project which included load rating 50 bridges with various types of superstructures (GFS, MCB, tee beam, PS beam, deck slab, and steel girder). The work included an in-depth review of existing bridge plans and inspection reports, as well as developing bridge load rating models using AASHTOWare BrR to accurately represent current conditions. Stamped final load rating reports submitted to TDOT.			
06/22–12/22	TDOT, Bridge Load Ratings, June 2022 Bundle, Multiple Counties, TN Engineer of Record. Houston was an Evaluator/Reviewer and Engineer of Record for this project which included load rating 49 bridges with concrete superstructures (prestressed concrete and cast-in-place reinforced beams). The work included an in-depth review of existing bridge plans and inspection reports, as well as developing bridge load rating models using AASHTOWare BrR to accurately represent current conditions.			
01/22–12/22	TDOT, Bridge Load Ratings, January 2022 Bundle, Multiple Counties, TN Engineer of Record. This project included load rating 52 bridges with various types of superstructures (continuous steel girders and prestressed concrete box beams). The work included an in-depth review of existing bridge plans and inspection reports, as well as developing bridge load rating models using either AASHTOWare BrR or CSiBridge to accurately represent current conditions. Houston served as the Evaluator/Reviewer and Engineer of Record.			

16. Staff Experience:

Gresham Smith

**Braden Wells, P.E., CBI**

Bridge Engineer

Years of experience with this employer

8

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization

Bachelor of Science / 2018 / Civil Engineering, University of Tennessee

Active registration number /
state / expiration date

P.E. 127387 / TN / Exp 07/31/2027

Year registered

2023

Discipline

P.E. / Civil

Contract role(s) / brief description of responsibilities

Bridge Engineer / Braden will support the bridge load rating, rehab and repair task.

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).

07/19–Ongoing

TDOT, Bridge Maintenance and Repair Contract, Regions 1, 2 & 3, TN | Engineer Intern. This contract has included underwater bridge inspections, routine structural repairs, superstructure replacements and widening, full structure replacements and Accelerated Bridge Construction projects. It more specifically includes I-65 over SR 76 and I-65 over Cartwright Circle and Williamson Road bridge repair projects. Braden’s responsibilities include preliminary layouts, bridge inspections, quantities, and preparing and organizing plan sheets and detail sheets.

09/22–11/25

FDEP, Shark Channel Bridge Rehabilitation Design, Key West, FL | Project Engineer. Gresham Smith performed final design for the preservation of the historic, ~2,200-foot-long Shark Channel Bridge in order to re-open the structure for trail use. The preservation includes an evaluation of existing conditions to establish the scope of work, cost estimate, and the preparation of final design plans. The bridge was reopened for trail users in November 2025.

11/22–Ongoing

TDOT, Complex Bridge Load Ratings, Statewide, TN | Braden provided support, modeling, and review for the bridge load ratings on approximately 115 complex structures and counting across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges.

06/19–09/24

LADOTD, Complex Bridge Inspections, Statewide, LA | Bridge Engineer Intern. As an NHI Certified Bridge Inspector, Braden performed bridge inspections for various complex bridge structures throughout Louisiana, including steel trusses, concrete structures and movable bridges.

16. Staff Experience:

Gresham Smith			
 Shane Wright, P.E. Transportation Engineer	Years of experience with this employer		<1
	Years of experience with other employer(s)		10
Degree(s) / Years / Specialization		Bachelor of Science / Civil Engineering / Jackson State University	
Active registration number / state / expiration date		P.E. 37606 / MS / Exp. 12/31/26	
Year registered		2026 (MS)	Discipline P.E./Civil
Contract role(s) / brief description of responsibilities		Transportation Engineer / Shane will assist with the repair tasks.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
08/19-03/20	MDOT, US 51 over Big Black River – Repairs; Madison County, MS - Bridge Engineer. This repair included several steel beam end repairs, pile repairs, and installing a beam support bracket. Shane was involved with inspecting this bridge to determine all locations that needed to be repaired. There were several beams determined during inspection to have significant section loss. Piles were also inspected and several of them needed repair due to section loss as well. One beam had significant section loss near the end bent so Shane designed a support bracket that would support that beam in case of failure. This involved using software to determine the size of the plates used in the support bracket along with the number and size of mechanical anchors needed to support this beam. Shane produced construction plans and calculated quantities for this project along with reviewing submittals and shop drawings.		
06/17-12/17	MDOT, I-55 under Green Gable Road – Repairs; Hinds County, MS - Bridge Engineer. Shane designed concrete pedestals for a box girder that needed to be raised 1'-10" to achieve a minimum vertical clearance of 17'-0". This involved designing sloped pedestals that would match the vertical curvature of the road and support the structure. This involved removing portions of the support knees on the box in order for the pedestals and bearing assemblies to properly fit with the existing structure. The repair also involved replacing joints and designing new bearings. Shane produced the construction plans and calculated quantities for this project along with reviewing submittals and shop drawings.		
04/20-05/20	MDOT, Underpass at Sta. 1770+10.85 – Emergency Repairs; Jasper County, MS - Bridge Engineer. This bridge experienced severe fire damage after a semi-truck caught fire and parked under the bridge. Shane went to inspect the damage and determined that the concrete girders span no. 3 had received significant enough damage that the span would have to be replaced. The cap and columns also received damage, but they could be repaired. Shane designed the beams and deck for span replacement and identified locations of spall repairs needed on the cap and columns. FRP wrap was also utilized to further strengthen and repair the cap and columns. Shane produced the construction plans and calculated quantities for this project along with reviewing submittals and shop drawings.		

16. Staff Experience:

Gresham Smith

**Morgan Edmondson, P.E.**

Bridge Engineer

Years of experience with this employer

5

Years of experience with other employer(s)

3

Degree(s) / Years / Specialization

Bachelor of Science / 2016 / Civil Engineering, Clemson University;
Master of Science / 2017 / Civil and Environmental Engineering, University of California, Davis

Active registration number / state / expiration date

P.E. 47145 / GA / Exp 12/31/2026

Year registered

2021

Discipline

P.E. / Civil

Contract role(s) / brief description of responsibilities

Bridge Engineer / Morgan will perform 3D finite element modeling and analysis.

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).

02/26 – Ongoing

GDOT, Clarks Mill Pond Dam Repair, Terrell County, GA | *Engineer of Record*. The Clarks Mill Pond Dam Repair project for GDOT in Terrell County, GA, focuses on replacing a failing earthen dam. Gresham Smith utilized advanced 3D finite element modeling to design intricate hydraulic structures, including a new inlet weir wall and the St. Anthony Falls stilling basin at the dam outlet. Additionally, Gresham Smith engineered an overflow system incorporating a box culvert to efficiently and safely convey water through the dam, significantly improving its durability and hydraulic functionality.

11/24 – 03/25

TDOT, SR 45 WB over Cumberland River, Davidson County, TN | *Bridge Load Rater*. Gresham Smith was engaged to perform a load rating analysis and prepare the report for SR 45 Westbound over the Cumberland River. The 1,222-foot bridge, originally constructed in 1928 and rehabilitated in 1969, features prestressed concrete beam approach spans and three main steel through truss spans. Morgan was responsible for developing the analysis model of the main span trusses using AASHTOWare BrR. Leveraging proprietary in-house software, Gresham Smith efficiently completed a comprehensive load rating report with recommended load postings, meeting a condensed project schedule.

09/18 – 11/18

City of Redding, Sacramento River Trail Emergency Bridge Replacements, Redding, CA | *Bridge Engineer*. Morgan served as the bridge designer for the City of Redding, assisting with the assessment and repair of multiple pedestrian bridges along the Sacramento River Trail damaged or destroyed by the Carr Fire. Comprehensive inspections informed the development of designs for both replacements and repairs. Responsibilities also included coordinating with FEMA to define project scope and secure necessary funding. Morgan delivered standardized bridge designs adaptable to multiple locations, streamlining the design process and enabling efficient construction to expedite the reopening of the trail.

01/19 – 05/19

Caltrans, Salmon River Road over Salmon River, Somes Bar, CA | *Bridge Engineer*. Caltrans initiated a seismic retrofit project for the steel bridge on Salmon River Road over the Salmon River in Northern California. Constructed in the 1960s, this bridge is situated in a challenging mountainous terrain and features complex geometry. Morgan was responsible for developing a detailed 3D finite element model to analyze the effects of seismic forces on the existing structure. Based on the analysis results, a comprehensive report was prepared detailing the findings and providing recommendations for the seismic retrofit.

12/23–05/24	City of Atlanta DOT, Cheshire Bridge over CSX Railroad Emergency Bridge Repair, Atlanta, GA <i>Engineer of Record</i>. On December 20, 2023, a fire beneath the historic Cheshire Bridge Road bridge over the CSX Railroad in Atlanta caused major damage and closure. Gresham Smith provided the repair design, which included removing and replacing the damaged span with a floating approach slab supported by a cast-in-place cantilever retaining wall and fill, while reinforcing key structural elements. The project involved close coordination with the City of Atlanta, CSX Railroad, and multiple utility companies. This approach successfully minimized costs, shortened construction time, and reduced community impact, swiftly restoring a critical transportation link.
11/24 – 12/24	GDOT, US 17 over Cypress Mill Creek Emergency Bridge Repair <i>Bridge Engineer</i>. During Thanksgiving week 2024, contractors began repairs on prestressed concrete piles following design plans developed by Gresham Smith. Unexpectedly, additional deterioration was discovered, necessitating an immediate bridge closure to ensure safety. Gresham Smith collaborated closely with GDOT to rapidly develop and implement a safe, effective solution. The team designed a bent cap encasement supported by new prestressed concrete piles, which were installed through carefully cut openings in the existing bridge deck. During this emergency response, traffic was temporarily diverted to the southbound bridge over Cypress Mill Creek. The bridge was successfully reopened to traffic approximately 30 days after closure, minimizing disruption.
11/23 – 12/25	ALDOT, Canterbury Road over Watkins Brook Bridge Rehabilitation, Mountainbrook, GA <i>Bridge Engineer</i>. The project involved the comprehensive rehabilitation of a deteriorated reinforced concrete slab bridge located near downtown Mountain Brook, Alabama. Originally constructed in the early 1960s, the bridge featured vertical abutments and had suffered significant wear and damage over time, including spalled concrete with exposed steel reinforcement and pervasive cracking throughout the substructure. The rehabilitation design was developed to extend the service life of the structure by an additional 15 to 20 years. Key repair strategies included the application of fiber-reinforced polymer (FRP) wrap to strengthen and restore the superstructure, enhancing durability and structural integrity.

16. Staff Experience:

Gresham Smith					
 Jin Liu, P.E. Senior Bridge Engineer				Years of experience with this employer	7
				Years of experience with other employer(s)	27
Degree(s) / Years / Specialization	Master of Science / 1998 / Civil Engineering, Florida State University; Bachelor of Science / Bridge Engineering, Tong University - Shanghai				
Active registration number / state / expiration date	P.E. 027074 / GA / Exp. 12/31/26				
Year registered	2001	Discipline	P.E. / Civil		
Contract role(s) / brief description of responsibilities		Senior Bridge Engineer / Jin will support the structural repair and design tasks.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i>, “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
11/16–12/20	TDOT, Bridge Inspection, Rating and Repair Contract E2149: Work Orders (Wos) 6, 11, 12, 14, 15, 21 and 26, Engineering Services On-Call Bridge Repair, Statewide, TN <i>Project Engineer</i>. Performed QA/QC for analysis and load ratings on 145 bridges across Tennessee, including 125 complex structures. Work involved CSi Bridge modeling and recommendations for posting and strengthening on varied bridge types, from trusses to multi-cell box beams.				
09/17–03/22	GDOT, CR 511/Brown Bridge Road at Snapping Shoals Bridge Replacement, Covington, GA <i>Bridge Engineer</i>. Gresham Smith provided roadway design and bridge engineering services for a bridge replacement on Brown Bridge Road over Snapping Shoals Creek as well as bridge hydraulic study; plans for signing and marking, right-of-way, utilities, drainage and erosion control, NEPA and GDOT Environmental Procedures Manual compliance, and lead public outreach.				
04/19–12/20	GDOT, SR 10 Loop over SR 8 & West Fork Trail Creek Bridge Replacements, Clarke County, GA <i>Bridge Engineer</i>. Gresham Smith worked closely with the GDOT to provide the roadway design and bridge engineering services for the replacement of twin bridges over SR 8 and West Fork Trail Creek. The team used a combination of raising the vertical profile of SR 10 and implementing the shallow Florida I-beam in the design to improve the vertical clearance of bridges that have been impacted in the past by vehicles traveling SR 8.				
01/25–Ongoing	TDOT, Bridge Maintenance and Repair Contract, Regions 1, 2 & 3, TN <i>QA/QC Lead</i>. This contract has included underwater bridge inspections, routine structural repairs, superstructure replacements and widening, full structure replacements and Accelerated Bridge Construction projects. It more specifically includes I-65 over SR 76 and I-65 over Cartwright Circle and Williamson Road bridge repair projects.				

16. Staff Experience:

Gresham Smith

**Robin Lovett, P.E.**

Senior Bridge Engineer

Years of experience with this employer

27

Years of experience with other employer(s)

13

Degree(s) / Years / Specialization

Bachelor of Science / 1985 / Tennessee Technological University

Active registration number / state / expiration date

P.E.22275 / TN / Exp. 07/31/2027

Year registered

1991

Discipline

P.E. / Civil

Contract role(s) / brief description of responsibilities

Senior Bridge Engineer / Robin will support the QA/QC tasks along with bridge design 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).**

10/17–06/26

TDOT, Bridge Maintenance and Repair Contract, Regions 1, 2 & 3, TN | Project Engineer. This contract has included underwater bridge inspections, routine structural repairs, superstructure replacements and widening, full structure replacements and Accelerated Bridge Construction projects. Donald's responsibilities included preliminary layouts, bridge inspections, superstructure design, substructure design, quantities, and preparing and organizing plan sheets and detail sheets.

06/23–02/24

TDOT, SR100 over Harpeth River, Bellevue, TN | Project Manager/QC Manager. Gresham Smith prepared bridge repair plans for an 826-foot bridge built in 1929, which included a 141-foot-long high steel truss span over the river. Structural steel repairs included removing and reinstalling the impact-damaged end portal frames at each end to provide increased vertical clearance over traffic. The end portal diagonals were cut in the field and heat-straightened, and the bottom chord was raised and reconnected to the cut diagonals with new bolted gusset plates. In addition, 17 existing floor beam ends were repaired/strengthened by retrofitting new supplemental web plates and bottom flange angles, which were bolted to the existing deteriorated beams and reattached with new bolted clip angles. Additional repairs included replacement of the strip seal expansion joint and jacking and resetting the truss expansion rocker bearings.

08/23–07/24

TDOT, SR386 over SR6 and Ramp F, Sumner County, TN | Project Manager/QC Engineer. Gresham Smith prepared bridge repair plans for a 740-foot, three-span steel plate girder bridge that had walked off the expansion slide bearings at one abutment. The existing steel slide bearings were damaged beyond repair, and the anchor bolts were sheared off. Repairs consisted of jacking the bridge end at each bearing, removing and replacing the existing slide bearings with new steel expansion bearings, repositioned to match the existing thermal movements. New concrete retainer blocks were designed and installed at each abutment bearing to maintain future alignment. The steel girders at the adjacent bent were also jacked to allow resetting of the existing bearings and the installation of new bearing stiffeners at the revised bearing locations. Additional repairs included repouring a section of deck near the abutment that had separated from the exterior girder's top flange and construction of a new modular expansion bearing at the abutment.

16. Staff Experience:

Gresham Smith

**Harris Hassan, P.E.**

Senior Bridge Engineer

Years of experience with this employer

1

Years of experience with other employer(s)

12

Degree(s) / Years / Specialization

Master of Science / 2014 / Civil Engineering, University of Illinois at Chicago;
 Bachelor of Science / 2012 / Civil Engineering, University of Minnesota – Twin Cities

Active registration number / state / expiration date

P.E. 140495 / TX / Exp. 12/31/26

Year registered

2021

Discipline

P.E. / Civil

Contract role(s) / brief description of responsibilities

Senior Bridge Engineer / Harris will support the structural repair, design and inspection 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).

08/25–08/26

City of Dallas, Jefferson St. Viaduct Demolition, Dallas, TX | Bridge Lead. Harris served as Bridge Lead and Engineer of Record (EOR) for the City of Dallas’ demolition of the Jefferson Street Viaduct. The work included coordinated demolition of the bridge superstructure and substructure, associated roadway elements, and adjacent retaining wall features. Harris developed a comprehensive demolition plan set and supporting deliverables that enabled the contractor to execute the work safely, efficiently, and in a controlled manner.

08/23–08/25

Dallas-Fort Worth International Airport, International Parkway Terminals A & B, Dallas, TX | Bridge Lead. Harris served as the Bridge Lead for Terminal A & B of the DFW Right Exits Design-Build project. He assigned design tasks to a team of designers and CADD technicians to ensure timely project completion and was successful in achieving that goal. Harris collaborated with the roadway, drainage, and utilities teams to set the superstructure geometry and maintained consistent weekly communication with the client.

06/24–08/25

Dallas-Fort Worth International Airport, SS399 Airport Expansion, Dallas, TX | Bridge Lead. The bridge design scope included four new structures and two braided bridges along SS399, supporting infrastructure expansion near the proposed North Dallas Airport. These bridges were designed to accommodate complex traffic movements and required careful integration with future roadway configurations. Harris began the effort by defining geometry, span layouts, and substructure types in accordance with TxDOT and AASHTO criteria. Each bridge required consideration of site-specific constraints such as existing utilities, phased construction requirements, and geotechnical conditions.

02/24–08/25

New York Metropolitan Transit Authority (MTA), Subway Inspection, New York City, NY | Bridge Inspections. Harris performed inspections and structural ratings of underground MTA substations, focusing on evaluating key components within subway stations, including platforms, girders, track walls, rails, and guardrails. He produced detailed structural condition reports and assigned ratings based on observed integrity. Additionally, Harris reviewed and refined peer reports to maintain technical consistency and adhere to reporting standards

05/22–05/23

TxDOT, IH 20 East Project, Dallas, TX | Senior Structural Engineer. Harris conducted structural design and plan preparation for multiple bridges using 3D modeling in OpenRoads Bridge (ORB). His responsibilities included overseeing structural staff, performing QA/QC, conducting structural design calculations, and coordinating with multiple disciplines to meet overall project goals.

16. Staff Experience:

Gresham Smith

**Ryan Horn, EI**

Bridge Engineer Intern

Years of experience with this employer

7

Years of experience with other employer(s)

3

Degree(s) / Years / Specialization

Bachelor of Science / 2019 / Civil Engineering, The University of Georgia

Active registration number / state / expiration date

EI. 028076 / N/A

Year registered

EI (2019)

Discipline

E.I. / Civil

Contract role(s) / brief description of responsibilities

Bridge Engineer Intern / Ryan will support the structural repair, design and inspection 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 time specified in the applicable MPR(s).**

07/20–06/25

GDOT, Statewide On-Call Task Order (TO) Services Contract for Bridge Maintenance Engineering Services, Statewide, GA | Bridge Engineer and Inspector. Ryan worked on 100+ structures including 11 rehab projects, 6 quick response ITB projects, and 9 preservation projects. He also worked directly with BMU staff as an embed and worked on revising the GDOT Bridge Repair Manual. This contract enables Gresham Smith to provide design, maintenance and inspection of existing bridges throughout Georgia, including other services such as roadway design, surveying, geotechnical, bridge hydraulics and environmental. The type of rehabilitation includes cleaning and painting of steel bearing assemblies and structural steel members; concrete overlay using hydro demolition; LMC and polymer bridge deck overlay; expansion joint replacement; raising of existing bridges; epoxy pressure injection of concrete cracks; replacement of concrete pedestals; bent cap replacements; cathodic protection of pile; complete deck replacement; jacketing of piles; repair of abutment slope erosion; retrofitting of piers and abutments.

07/25–Ongoing

GDOT, Statewide On-Call Task Order (TO) Services Contract for Bridge Maintenance Engineering Services, Statewide, GA | Bridge Engineer and Inspector. Ryan is participating in a multi-project bridge rehabilitation program supporting 36 bridges across 10 projects at various stages, from early scoping and repair recommendations through construction-phase technical support. Duties include inspection and rehabilitation design activities combined with in-house support in structural, roadway, hydraulics, and environmental disciplines.

02/24–12/24

Newton County Transportation Department, Bridge Rehabilitations at 18 Locations, Newton County, GA | Bridge Engineer and Inspector. This project consists of providing engineering services and repair plans for 18 bridges in Newton County, GA. Gresham Smith was tasked with inspection of the structures and developing bid plans and special provisions for the rehabilitation of the bridges. Repair items include latex modified concrete overlays, partial deck replacement, resealing of bridge joints, painting of existing steel beams and h-piles, pile encasement, rip-rap repairs, guardrail replacements/repairs, patching concrete bridge, flowable fill, repairing end diaphragms, clean and paint bearing assemblies.

16. Staff Experience:

Gresham Smith

**Danny Coleman, EI**

Bridge Engineer Intern

Years of experience with this employer

1

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization

Master of Science / Civil Engineering, Auburn University

Active registration number /
state / expiration date

Year registered

Discipline

Civil

Contract role(s) / brief description of responsibilities

Bridge Engineer Intern / Danny will support the load rating 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

TDOT, Complex Bridge Load Ratings, Statewide, TN | *Engineer Intern*. Danny provided support for the bridge load ratings on approximately 115 complex structures and 35 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.

06/25–03/26

LADOTD, Movable Bridges Contract, Statewide, LA | *Bridge Engineer Intern*. Gresham Smith was subcontracted as the lead structural engineer of record for project H.012003 – Bayou Tigre 010130. Our scope of structural services included an in-depth inspection and comprehensive load rating modeling and analysis of the movable truss swing span and its approaches. Deliverables comprised a detailed structural inspection report, a load rating report, and a Scope of Work proposal with all recommended repairs and cost estimates for improvements to the Bayou Tigre Bridge.

04/26–Ongoing

TDOT, Bridge Load Rating, Statewide, TN | *Engineering Technician*. In 2026, the Tennessee Department of Transportation (TDOT) expanded its bridge load rating program through a contract with the prime consultant. TDOT specifically requested that Gresham Smith serve as the load rating subconsultant so the agency could continue leveraging our specialized load rating team and established delivery processes. Under this ongoing assignment, Gresham Smith is performing load ratings for 67 bridges, providing the engineering expertise, practical bridge evaluation judgment, and automation-driven workflows that have supported TDOT's bridge program for many years. This engagement demonstrates TDOT's confidence in our team's ability to deliver high-quality load ratings efficiently and consistently.

16. Staff Experience:

Gresham Smith

**Griffin Bedell, EI**

Bridge Engineer Intern

Years of experience with this employer

3

Years of experience with other employer(s)

1

Degree(s) / Years / Specialization

Bachelor of Science / 2023 / Civil Engineering, University of Tennessee, Knoxville

Active registration number / state / expiration date

EI 35830 / TN / N/A

Year registered

2022

Discipline

Civil

Contract role(s) / brief description of responsibilities

Bridge Engineer Intern / Griffin will support the load rating 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

TDOT, Complex Bridge Load Ratings, Statewide, TN | *Engineer Intern*. Griffin provided support for the bridge load ratings on approximately 115 complex structures and 35 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.

04/26 – Ongoing

City of Knoxville, James White Parkway Greenway Load Rating and Greenway Addition, Knoxville, TN | *Engineer-in-Training*. Griffin assisted in inspecting, load rating, and performing design tasks for an existing 1900 foot long steel bridge where a greenway was added. The new greenway varied between 1 and 12 inches across the various vertical and horizontal curves along the bridge, requiring detailed load assessments and engineering calculations. These evaluations were critical to ensure the structural integrity and load rating of the modified bridge. The structure was analyzed using a combination of AASHTOWare BrR software and hand calculations.

06/26 – 08/26

NDOT, Great Circle Road Bridge Repair, Nashville, TN | *Engineer-in-Training*. NDOT contracted Gresham Smith to replace a deteriorating three-span bridge with steel piers. Griffin performed bridge design calculations, drew plans in CAD, and applied engineering judgment throughout the project. Analysis was conducted using Bentley LEAP products, Bentley OpenBridge Modeler, and hand calculations. Calculations include the consideration for deck and parapet drainage, existing utility lines, and 14 foot sidewalks for pedestrian access. The new bridge spans 90 feet 6 inches and features 12 prestressed concrete beams.

04/25 – 06/25

TDOT, Culvert Load Rating Project, Statewide, TN | *Engineer-in-Training*. Griffin participated in load rating analysis for over 30 concrete culverts for TDOT. His role involved interpreting existing plans and aligning them with our analysis framework. These culvert standards were predominantly designed between the 1920s and 1930s, but also included culverts as new as the 1980s. This process resulted in the accurate assessment of structural components for load rating analysis.

16. Staff Experience:

Gresham Smith

**Anthony Villagomez Flores, EI**

Bridge Engineer Intern

Years of experience with this employer

1

Years of experience with other employer(s)

1

Degree(s) / Years / Specialization

Bachelor of Science / 2024 / Civil Engineering, University of Texas at Arlington

Active registration number /
state / expiration date

Year registered

Discipline

Civil

Contract role(s) / brief description of responsibilities

Bridge Engineer Intern / Anthony will support the load rating 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

TDOT, Complex Bridge Load Ratings, Statewide, TN | *Engineer Intern*. Anthony provided support for the bridge load ratings on approximately 115 complex structures and 35 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.

03/25 – Ongoing

TDOT, Bridge Replacement I-40 over French Broad River, Dandridge, TN | *Engineer Intern*. Gresham Smith designed the substructure of the preliminary prestressed concrete bridge and the substructure for the final steel plate girder bridge. QA/QC of the design of the superstructure elements. A total of 2,550' long bridge with six lanes. The preliminary design was for a concrete structure and had a total of 17-150' spans and a width of 125'-3" with drilled shaft piers. The final design was for a steel plate girder bridge due to project costs utilizing longer spans varying from 200', 250', and 300' and a width of 113'-3".

11/23 – Ongoing

NDOT, Bridge/Culvert/Guardrail TO #4, Nashville, TN | *Engineer Intern*. Gresham Smith's work commenced with the review and assessment of existing bridge inspection reports, followed by a field site visit to evaluate structural deficiencies. Based on these evaluations, Gresham Smith developed detailed repair recommendations and conceptual design options, including a notable superstructure replacement alternative. We coordinated closely with NDOT and the consultant team to refine designs, update cost estimates, and present findings to stakeholders including construction contractors. The scope expanded to include preliminary and final bridge replacement design phases, featuring preparation of detailed plans, cost opinions, and electronic sealed drawings for bidding and construction. Throughout, Gresham Smith ensured alignment with TDOT standards, accounted for utility coordination and roadway geometry considerations, and supported NDOT's efforts to maintain public safety and infrastructure reliability during the project lifecycle.

16. Staff Experience:

Gresham Smith			
 Baher George, EI Bridge Engineer Intern	Years of experience with this employer		1
	Years of experience with other employer(s)		0
Degree(s) / Years / Specialization		Bachelor of Science / 2026 / Civil Engineering, Tennessee Technological University	
Active registration number / state / expiration date		EI 37581 / TN / N/A	
Year registered		2026	Discipline Civil
Contract role(s) / brief description of responsibilities		Bridge Engineer Intern / Baher will support the rehab and repair 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).		
03/25 – Ongoing	TDOT, Bridge Replacement I-40 over French Broad River, Dandridge, TN Engineer Intern. Gresham Smith designed the substructure of the preliminary prestressed concrete bridge and the substructure for the final steel plate girder bridge. QA/QC of the design of the superstructure elements. A total of 2,550' long bridge with six lanes. The preliminary design was for a concrete structure and had a total of 17-150' spans and a width of 125'-3" with drilled shaft piers. The final design was for a steel plate girder bridge due to project costs utilizing longer spans varying from 200', 250', and 300' and a width of 113'-3".		
11/23 – Ongoing	NDOT, Bridge/Culvert/Guardrail TO #4, Nashville, TN Engineer Intern. Gresham Smith's work commenced with the review and assessment of existing bridge inspection reports, followed by a field site visit to evaluate structural deficiencies. Based on these evaluations, Gresham Smith developed detailed repair recommendations and conceptual design options, including a notable superstructure replacement alternative. We coordinated closely with NDOT and the consultant team to refine designs, update cost estimates, and present findings to stakeholders including construction contractors. The scope expanded to include preliminary and final bridge replacement design phases, featuring preparation of detailed plans, cost opinions, and electronic sealed drawings for bidding and construction. Throughout, Gresham Smith ensured alignment with TDOT standards, accounted for utility coordination and roadway geometry considerations, and supported NDOT's efforts to maintain public safety and infrastructure reliability during the project lifecycle.		

16. Staff Experience:

Gresham Smith

**Rodney Palmer**

Senior Technician

Years of experience with this employer

20

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization	Associate Degree / 1996 / Specialized Technology, Pennsylvania Institute of Culinary Art		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Senior Technician / Rodney will support the rehab and repair 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).		
11/22–06/26	TDOT, Bridge Maintenance and Repair Contract, Regions 1, 2 & 3, TN Senior Technician . This contract has included underwater bridge inspections, routine structural repairs, superstructure replacements and widening, full structure replacements and Accelerated Bridge Construction projects. Austin’s responsibilities included preliminary layouts, bridge inspections, superstructure design, substructure design, quantities, and preparing and organizing plan sheets and detail sheets.		
03/25 – Ongoing	TDOT, Bridge Replacement I-40 over French Broad River, Dandridge, TN Senior Technician . Gresham Smith designed the substructure of the preliminary prestressed concrete bridge and the substructure for the final steel plate girder bridge. QA/QC of the design of the superstructure elements. A total of 2,550’ long bridge with six lanes. The preliminary design was for a concrete structure and had a total of 17-150’ spans and a width of 125’-3” with drilled shaft piers. The final design was for a steel plate girder bridge due to project costs utilizing longer spans varying from 200’, 250’, and 300’ and a width of 113’-3”.		
11/23 – Ongoing	NDOT, Bridge/Culvert/Guardrail TO #4, Nashville, TN Senior Technician . Gresham Smith’s work commenced with the review and assessment of existing bridge inspection reports, followed by a field site visit to evaluate structural deficiencies. Based on these evaluations, Gresham Smith developed detailed repair recommendations and conceptual design options, including a notable superstructure replacement alternative. We coordinated closely with NDOT and the consultant team to refine designs, update cost estimates, and present findings to stakeholders including construction contractors. The scope expanded to include preliminary and final bridge replacement design phases, featuring preparation of detailed plans, cost opinions, and electronic sealed drawings for bidding and construction.		
06/21–04/24	TDOT, Broadway Viaduct (SR 1) CM/GC Owner’s Representative, Nashville, TN Senior Technician . Gresham Smith was TDOT’s Owner Representative and designed the replacement of the aging Broadway Viaduct over CSXT RR yard and 11th Avenue in Nashville. This CM/GC project included Accelerated Bridge Construction (ABC) techniques to minimize impacts to both vehicular and pedestrian traffic and to local businesses. The bridge was replaced in only 12 months instead of multiple years of traditional phased construction, during which the contractor was allowed a mere 8-week maximum full closure of Broadway. Gresham Smith designed the roadway and bridge with innovative design features and aesthetic treatments. PlanGrid was used for project documentation distribution, reviews, and storage		

16. Staff Experience:

Gresham Smith

**Jun Castillo, P.E.**

Senior Engineer

Years of experience with this employer

1

Years of experience with other employer(s)

32

Degree(s) / Years / Specialization

Bachelor of Science / 1980 / Civil Engineering, Mapua Institute of Technology

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

P.E.046337 / GA / Exp. 12/31/2026

Year registered

2020

Discipline

P.E. / Civil

Contract role(s) / brief description of responsibilities

Senior Engineer / Jun will support the rehab and repair 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).**

03/25 – Ongoing

TDOT, Bridge Replacement I-40 over French Broad River, Dandridge, TN | Senior Engineer. Gresham Smith designed the substructure of the preliminary prestressed concrete bridge and the substructure for the final steel plate girder bridge. QA/QC of the design of the superstructure elements. A total of 2,550' long bridge with six lanes. The preliminary design was for a concrete structure and had a total of 17-150' spans and a width of 125'-3" with drilled shaft piers. The final design was for a steel plate girder bridge due to project costs utilizing longer spans varying from 200', 250', and 300' and a width of 113'-3".

07/20–06/25

GDOT, Statewide On-Call Task Order (TO) Services Contract for Bridge Maintenance Engineering Services, Statewide, GA | Senior Engineer. Jun worked on 100+ structures including 11 rehab projects, 6 quick response ITB projects, and 9 preservation projects. He also worked directly with BMU staff as an embed and worked on revising the GDOT Bridge Repair Manual. This contract enables Gresham Smith to provide design, maintenance and inspection of existing bridges throughout Georgia, including other services such as roadway design, surveying, geotechnical, bridge hydraulics and environmental. The type of rehabilitation includes cleaning and painting of steel bearing assemblies and structural steel members; concrete overlay using hydro demolition; LMC and polymer bridge deck overlay; expansion joint replacement; raising of existing bridges; epoxy pressure injection of concrete cracks; replacement of concrete pedestals; bent cap replacements; cathodic protection of pile; complete deck replacement; jacketing of piles; repair of abutment slope erosion; retrofitting of piers and abutments.

07/25–Ongoing

GDOT, Statewide On-Call Task Order (TO) Services Contract for Bridge Maintenance Engineering Services, Statewide, GA | Senior Engineer. Jun is participating in a multi-project bridge rehabilitation program supporting 36 bridges across 10 projects at various stages, from early scoping and repair recommendations through construction-phase technical support. Duties include inspection and rehabilitation design activities combined with in-house support in structural, roadway, hydraulics, and environmental disciplines.

16. Staff Experience:

Gresham Smith			
 Brendon Mack Engineering Technician	Years of experience with this employer		4
	Years of experience with other employer(s)		6
Degree(s) / Years / Specialization		Bachelor of Science / 2017 / Civil Engineering, University of Georgia	
Active registration number / state / expiration date		N/A	
Year registered		N/A	Discipline N/A
Contract role(s) / brief description of responsibilities		Engineering Technician / Brendon will support bridge rehab and repair 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).		
06/19–09/24	LADOTD, Complex Bridge Inspections, Statewide, LA Engineering Technician . Brendon performed bridge inspections for various complex bridge structures throughout Louisiana, including steel trusses, concrete structures and movable bridges.		
07/20–07/25	GDOT, Statewide On-Call Task Order (TO) Services Contract for Bridge Maintenance Engineering Services, Statewide, GA Bridge Engineer Support Staff. Brendon worked on various structures, including rehab projects, quick-response ITB projects, and preservation projects. He also worked directly with BMU staff as an embed and worked on revising the GDOT Bridge Repair Manual. This contract enables Gresham Smith to provide design, maintenance and inspection of existing bridges throughout Georgia, including other services such as roadway design, surveying, geotechnical, bridge hydraulics and environmental. The type of rehabilitation includes cleaning and painting of steel bearing assemblies and structural steel members; concrete overlay using hydro demolition; LMC and polymer bridge deck overlay; expansion joint replacement; raising of existing bridges; epoxy pressure injection of concrete cracks; replacement of concrete pedestals; bent cap replacements; cathodic protection of pile; complete deck replacement; jacketing of piles; repair of abutment slope erosion; retrofitting of piers and abutments.		
07/25–Ongoing	GDOT, Statewide On-Call Task Order (TO) Services Contract for Bridge Maintenance Engineering Services, Statewide, GA Bridge Engineer Support Staff. Brendon is currently engaged in a multi-project bridge rehabilitation program, supporting 26+ structures across 10 rehabilitation projects at various stages—from early scoping and repair recommendations to construction-phase technical support. The contract enables Gresham Smith to deliver end-to-end services for existing bridges across Georgia, combining inspection and rehabilitation design with in-house capabilities in structural, roadway, hydraulics, and environmental. Ongoing work includes steel cleaning/painting, bearing repairs, hydro-demolition and deck overlays (LMC/polymer), joint replacements, bridge raising, epoxy crack injection, pedestal replacement, pile jacketing, erosion repairs, and pier/abutment strengthening.		

16. Staff Experience:

Gresham Smith

**Dr. Karina Popok, Ph.D.**

Engineering Technician

Years of experience with this employer

2

Years of experience with other employer(s)

7

Degree(s) / Years / Specialization

Doctor of Philosophy / Civil and Environmental Engineering, Auburn University;
 Master of Science / Civil Engineering, Auburn University;
 Master of Science / Civil Engineering, Kyiv National University of Construction and Architecture;
 Bachelor of Science / Civil Engineering, Kyiv National University of Construction and Architecture

Active registration number /
state / expiration date

N/A

Year registered

N/A

Discipline

Civil

Contract role(s) / brief description of responsibilities

Engineering Technician / Karina will support the load rating 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).

02/25—04/25

MDOT, 2024 WA#3 Box Girder Load Rating Model, Jackson, MS | *Engineering Technician*. Supported quality control review and verification of AASHTOWare Bridge Rating (BrR) models for multi-cell box girder bridges under MDOT's statewide bridge load rating program. Reviewed analytical models, identified modeling discrepancies, documented findings, and verified rating results to support implementation of automated bridge permitting workflows.

03/25 – Ongoing

TDOT Culvert Load Rating, Statewide, TN | *Engineering Technician*. Supported development and implementation of TDOT's statewide culvert load rating automation program. Identified structural and geometric parameters required for digitization of reinforced concrete box culvert standards and developed digital culvert inventories utilizing Culvbot software. Performs production load ratings and quality control reviews utilizing automated workflows to support efficient statewide culvert evaluation efforts.

08/25 – 02/26

TDOT Bridge Load Ratings, Statewide, TN | *Engineering Technician*. Performed bridge load ratings and quality control reviews utilizing AASHTOWare Bridge Rating (BrR) software for reinforced concrete deck girder bridges, reinforced concrete deck girders with prestressed concrete widening beams, reinforced concrete beam bridges, prestressed concrete AASHTO girder bridges, bulb-tee girder bridges, box beam bridges, multi-cell box beam bridges, steel beam bridges, and girder-floorbeam-stringer bridges. Developed and reviewed analytical models, load rating calculations, and engineering documentation in accordance with AASHTO requirements.

16. Staff Experience:

Gresham Smith

**Patrick Boateng, EI**

Bridge Engineer Intern

Years of experience with this employer

1

Years of experience with other employer(s)

2

Degree(s) / Years / Specialization

Master of Science / Civil Engineering, University of Memphis;
 Bachelor of Science / Civil Engineering, University of Memphis;
 Bachelor of Science / Civil Engineering, Kwame Nkrumah University of Science and Technology

Active registration number / state / expiration date**Year registered****Discipline**

Civil

Contract role(s) / brief description of responsibilities

Bridge Engineer Intern / Patrick will support the load rating 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).

02/16–Ongoing

TDOT, Complex Bridge Load Ratings, Statewide, TN | *Engineering Technician*. Patrick provided support for the bridge load ratings on approximately 115 complex structures and 35 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.

04/26–Ongoing

TDOT, Bridge Load Rating, Statewide, TN | *Engineering Technician*. In 2026, the Tennessee Department of Transportation (TDOT) expanded its bridge load rating program through a contract with the prime consultant. TDOT specifically requested that Gresham Smith serve as the load rating subconsultant so the agency could continue leveraging our specialized load rating team and established delivery processes. Under this ongoing assignment, Gresham Smith is performing load ratings for 67 bridges, providing the engineering expertise, practical bridge evaluation judgment, and automation-driven workflows that have supported TDOT's bridge program for many years. This engagement demonstrates TDOT's confidence in our team's ability to deliver high-quality load ratings efficiently and consistently.

04/26–Ongoing

TDOT, Bridge Load Rating, Statewide, TN | *Engineering Technician*. In 2026, TDOT similarly utilized a contract with a prime consultant to advance additional bridge load rating work while continuing to engage Gresham Smith as the load rating subconsultant. TDOT specifically requested Gresham Smith's participation to perform the load rating analyses and related engineering services. Through this ongoing assignment, our team is conducting load ratings for 48 bridges, applying the same proven methodologies, engineering expertise, and automation technologies that have made us a trusted partner to TDOT's bridge program. This project reflects the agency's desire to continue utilizing Gresham Smith's specialized load rating capabilities through additional contracting vehicles.

16. Staff Experience:

Gresham Smith

**Patrick Ergun, EI**

Bridge Engineer Intern

Years of experience with this employer

2

Years of experience with other employer(s)

0

Degree(s) / Years / Specialization

Bachelor of Science / 2024 / Civil Engineering, University of Georgia

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

N/A

Year registered

N/A

Discipline

Civil

Contract role(s) / brief description of responsibilities

Bridge Engineer Intern / Patrick will support the load rating 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).**

06/24–Ongoing

TDOT, Complex Bridge Load Ratings, Statewide, TN | *Engineering Technician*. Patrick provided support for the bridge load ratings on approximately 115 complex structures and 35 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.

04/26–Ongoing

TDOT, Bridge Load Rating, Statewide, TN | *Engineering Technician*. In 2026, the Tennessee Department of Transportation (TDOT) expanded its bridge load rating program through a contract with the prime consultant. TDOT specifically requested that Gresham Smith serve as the load rating subconsultant so the agency could continue leveraging our specialized load rating team and established delivery processes. Under this ongoing assignment, Gresham Smith is performing load ratings for 67 bridges, providing the engineering expertise, practical bridge evaluation judgment, and automation-driven workflows that have supported TDOT's bridge program for many years. This engagement demonstrates TDOT's confidence in our team's ability to deliver high-quality load ratings efficiently and consistently.

04/26–Ongoing

TDOT, Bridge Load Rating Statewide, TN | *Engineering Technician*. In 2026, TDOT similarly utilized a contract with a prime consultant to advance additional bridge load rating work while continuing to engage Gresham Smith as the load rating subconsultant. TDOT specifically requested Gresham Smith's participation to perform the load rating analyses and related engineering services. Through this ongoing assignment, our team is conducting load ratings for 48 bridges, applying the same proven methodologies, engineering expertise, and automation technologies that have made us a trusted partner to TDOT's bridge program. This project reflects the agency's desire to continue utilizing Gresham Smith's specialized load rating capabilities through additional contracting vehicles.

16. Staff Experience:

Gresham Smith

**Jed Shoulders**

Designer

Years of experience with this employer

7

Years of experience with other employer(s)

4

Degree(s) / Years / Specialization

Associate of Applied Science / 2009 / Construction Technology, Tallahassee Community College

Active registration number / state / expiration date

N/A

Year registered

N/A

Discipline

Civil

Contract role(s) / brief description of responsibilities

Designer / Jed will support the rehab and repair 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).**

11/23 – Ongoing

NDOT, Bridge/Culvert/Guardrail TO #4, Nashville, TN | Designer. Gresham Smith’s work commenced with the review and assessment of existing bridge inspection reports, followed by a field site visit to evaluate structural deficiencies. Based on these evaluations, Gresham Smith developed detailed repair recommendations and conceptual design options, including a notable superstructure replacement alternative. We coordinated closely with NDOT and the consultant team to refine designs, update cost estimates, and present findings to stakeholders including construction contractors. The scope expanded to include preliminary and final bridge replacement design phases, featuring preparation of detailed plans, cost opinions, and electronic sealed drawings for bidding and construction.

06/25–03/26

LADOTD, Movable Bridges Contract, Statewide, LA | Designer. Gresham Smith was subcontracted as the lead structural engineer of record for project H.012003 – Bayou Tigre 010130. Our scope of structural services included an in-depth inspection and comprehensive load rating modeling and analysis of the movable truss swing span and its approaches. Deliverables comprised a detailed structural inspection report, a load rating report, and a Scope of Work proposal with all recommended repairs and cost estimates for improvements to the Bayou Tigre Bridge.

09/22–11/25

FDEP, Shark Channel Bridge Rehabilitation Design, Key West, FL | Designer. Gresham Smith performed final design for the preservation of the historic, ~2,200-foot-long Shark Channel Bridge in order to re-open the structure for trail use. The preservation includes an evaluation of existing conditions to establish the scope of work, cost estimate, and the preparation of final design plans. The bridge was reopened for trail users in November 2025.

16. Staff Experience:

Gresham Smith

**Sohaib Mirza, EI**

Engineering Technician

Years of experience with this employer

1

Years of experience with other employer(s)

2

Degree(s) / Years / Specialization

Bachelor of Science / 2017 / Civil Engineering, University of Illinois at Chicago

Active registration number /
state / expiration date

Year registered

Discipline

Civil

Contract role(s) / brief description of responsibilities

Engineering Technician / Sohaib will support the rehab and repair 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).

06/24–Ongoing

TDOT, Complex Bridge Load Ratings, Statewide, TN | *Engineer Intern*. Sohaib provided support for the bridge load ratings on approximately 115 complex structures and 35 standard structures across the state of Tennessee. Complex structures were analyzed utilizing finite element methods and CSi Bridge software. The structures load rated consisted of curved steel tub girders, steel arches with steel cables supporting steel floor beam – stringer systems, deck trusses, bascule arched steel truss, steel girder-floor beam-stringer system bridges, steel rigid K-frame bridges, and reinforced concrete rigid k-frames with spliced prestressed girders for center span bridges. The standard structures were analyzed using the AASHTOWare BrR software.

11/22–06/26

TDOT, Bridge Maintenance and Repair Contract, Regions 1, 2 & 3, TN | *Engineer Intern*. This contract has included underwater bridge inspections, routine structural repairs, superstructure replacements and widening, full structure replacements and Accelerated Bridge Construction projects. Austin’s responsibilities included preliminary layouts, bridge inspections, superstructure design, substructure design, quantities, and preparing and organizing plan sheets and detail sheets.

11/23 – Ongoing

NDOT, Bridge/Culvert/Guardrail TO #4, Nashville, TN | *Engineer Intern*. Gresham Smith’s work commenced with the review and assessment of existing bridge inspection reports, followed by a field site visit to evaluate structural deficiencies. Based on these evaluations, Gresham Smith developed detailed repair recommendations and conceptual design options, including a notable superstructure replacement alternative. We coordinated closely with NDOT and the consultant team to refine designs, update cost estimates, and present findings to stakeholders including construction contractors. The scope expanded to include preliminary and final bridge replacement design phases, featuring preparation of detailed plans, cost opinions, and electronic sealed drawings for bidding and construction.

16. Staff Experience:

Gresham Smith

**Tristan Turner**

CADD Technician

Years of experience with this employer

1

Years of experience with other employer(s)

2

Degree(s) / Years / Specialization

Bachelor of Science / 2021 / University of Tennessee, Martin

Active registration number / state / expiration date

N/A

Year registered

N/A

Discipline

Civil

Contract role(s) / brief description of responsibilities

CADD Technician / Tristan will support the rehab and repair 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).**

03/25 – Ongoing

TDOT, Bridge Replacement I-40 over French Broad River, Dandridge, TN | CADD Technician. Gresham Smith designed the substructure of the preliminary prestressed concrete bridge and the substructure for the final steel plate girder bridge. QA/QC of the design of the superstructure elements. A total of 2,550' long bridge with six lanes. The preliminary design was for a concrete structure and had a total of 17-150' spans and a width of 125'-3" with drilled shaft piers. The final design was for a steel plate girder bridge due to project costs utilizing longer spans varying from 200', 250', and 300' and a width of 113'-3".

11/22–06/26

TDOT, Bridge Maintenance and Repair Contract, Regions 1, 2 & 3, TN | CADD Technician. This contract has included underwater bridge inspections, routine structural repairs, superstructure replacements and widening, full structure replacements and Accelerated Bridge Construction projects.

11/23 – Ongoing

NDOT, Bridge/Culvert/Guardrail TO #4, Nashville, TN | CADD Technician. Gresham Smith's work commenced with the review and assessment of existing bridge inspection reports, followed by a field site visit to evaluate structural deficiencies. Based on these evaluations, Gresham Smith developed detailed repair recommendations and conceptual design options, including a notable superstructure replacement alternative. We coordinated closely with NDOT and the consultant team to refine designs, update cost estimates, and present findings to stakeholders including construction contractors. The scope expanded to include preliminary and final bridge replacement design phases, featuring preparation of detailed plans, cost opinions, and electronic sealed drawings for bidding and construction.

16. Staff Experience:

Gresham Smith				
 Mitchell Ballard, EI Engineer Intern	Years of experience with this employer			1
	Years of experience with other employer(s)			1
Degree(s) / Years / Specialization		Bachelor of Science / 2024 / Civil Engineering, University of Tennessee, Knoxville Masters of Science / 2025 / Civil Engineering, University of Tennessee, Knoxville		
Active registration number / state / expiration date		E.I. 36562/ TN / Exp		
Year registered		2024	Discipline	Civil
Contract role(s) / brief description of responsibilities		Engineer Intern / Mitchell will support the rehab and repair tasks.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/26 – Ongoing	TDOT, Bridge Replacement Bridge Ave. over CSX Railroad, Murfreesboro, TN EIT. Gresham Smith provided structural design services for a new three-span bridge over a railroad crossing. Mitchell contributed to the design of both the superstructure and substructure, coordinating closely with railroad clearance and safety requirements to ensure robust structural performance for the multi-span crossing.			
05/22 – 01/25 (With another firm)	TDOT, Bridge Inspection Statewide, TN Engineer Intern. Mitchell performed bridge inspections across Tennessee for various complex and standard structures, including steel truss and concrete bridges.			
05/22 – 01/25 (With another firm)	TDOT, Bridge Replacement I-40 over French Broad River, Dandridge, TN Engineer Intern. Performed standard bridge load ratings for multiple concrete structures across TN utilizing the AASHTOWare BrR software. Analytical experience included modeling and evaluating various superstructure types, specifically reinforced and prestressed concrete Tee beams, box beams, and I-beams.			

17. Firm Experience:

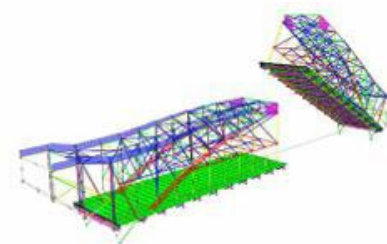
Gresham Smith		Past Performance Evaluation Discipline(s)*		Bridge	
TDOT, Load Rating On-Call Contract				Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Tennessee Department of Transportation		
Project location	Statewide, Tennessee		Owner's Project Manager	Rebecca Hayworth, P.E.	
Owner's address, phone, email	505 Deaderick Street, Suite 1200, Nashville, TN 37243 / 615.253.2448 / Rebecca.hayworth@tn.gov				
Services commenced by this firm (mm/yy)		06/19	Total consultant contract cost (\$1,000's)		\$8,162
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$8,162

Under two IDIQ contracts, Gresham Smith has successfully completed extensive on-system and off-system bridge structure load rating services for the Tennessee Department of Transportation (TDOT), under 28 consecutive task orders, covering the period from August 2019 to the present. These projects encompassed a wide range of more than 600 complex and routine bridge types, including curved steel I-girders, steel tub girders, steel K-frames, long-span steel arches, deck trusses, Bascule movable bridges, concrete multi-cell and prestressed concrete structures, and various steel and concrete multi-beam configurations. Notably, our load rating team has expertly modeled irregular bridge geometries using CSiBridge software, successfully handling curved steel I-beams and curved steel tub girders, and completed critical ratings on landmark bridges such as the Korean Veterans Bridge, Shelby Reinhart Bridge, Gay Street Bridge, and Market Street Lift Bridge. Additionally, Gresham Smith has completed over 1,200 load ratings of concrete box culverts.

Gresham Smith has demonstrated strong technical expertise and adaptability, addressing bridges with deteriorations, widenings, beam replacements, and deck overlays. Our team's proficiency in modeling and rating both traditional and challenging structures assures TDOT of accurate, reliable, and timely engineering support. Gresham Smith has developed specialized software solutions to enhance load rating workflows, including an ongoing TDOT project to automate load rating and posting result uploads. Through this contract, Gresham Smith has staff embedded directly with TDOT to support permit approval load ratings and perform QA reviews of consultant-submitted load ratings, providing firsthand insight into TDOT's operational processes and priorities.

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

Firm members involved include: Adam Davidson, Courtney Rome, Yun Lin, Tom Tran, Donald McCrary, Ruth Park, Jackson Hartley, Austin Beck, Patrick Ergun, Patrick Boateng, Karina Popok, Braden Wells, Danny Coleman and Griffin Bedell



Gresham Smith

17. Firm Experience:

Gresham Smith		Past Performance Evaluation Discipline(s)*		Bridge	
MDOT, 2024 WA #3 Box Girder Load Rating Model				Firm responsibility (prime or sub?)	Prime
Project number	STBG-9999-09	Owner's name	Mississippi Department of Transportation		
Project location	Statewide, Mississippi		Owner's Project Manager	Neal Terry	
Owner's address, phone, email	PO Box 1850, Jackson, MS 39215 / 601.359.7001 / nterry@mdot.ms.gov				
Services commenced by this firm (mm/yy)		07/24	Total consultant contract cost (\$1,000's)		\$747
Services completed by this firm (mm/yy)		06/25	Cost of consultant services provided by this firm (\$1,000's)		\$747

Gresham Smith has partnered with the Mississippi Department of Transportation (MDOT) Bridge Division to provide comprehensive in-house expertise in the design of bridge load ratings. Our team performed a comprehensive quality assurance and verification of load rating calculations for 223 bridge structures within a 12-month period.. The primary focus of this project is to verify AASHTOWare Bridge Rating (BrR) models for multi-cell box girder bridges, ensuring the accuracy of MDOT's automated bridge permit program. Our team prepares a comprehensive checklist summarizing all findings, detailed descriptions of each finding along with recommended modifications, model images highlighting key issues and corrections as well as the final modified BrR model and a summary of rating results.

Leveraging an AASHTOWare Developer's License and a team of in-house computer programmers, Gresham Smith implemented an innovative and efficient QC process. Our team developed custom software that extracts modeling information and presents it graphically to streamline the review process. This tool enhances the speed and quality of model verification, providing a more reliable and consistent QC process. This innovative approach has significantly improved the efficiency and quality of our services. MDOT has provided positive feedback, noting the value of the graphical representations and the improvement in the QC process.

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

Firm members involved include: Adam Davidson, Bert Moore, Courtney Rome, Yun Lin, Ruth Park, Donald McCrary, Jackson Hartley, Austin Beck and Karina Popok



17. Firm Experience:

Gresham Smith		Past Performance Evaluation Discipline(s)*		Bridge	
LADOTD, Movable Bridge Contract				Firm responsibility (prime or sub?)	Sub
Project number	4400021514	Owner's name	Louisiana Department of Transportation and Development		
Project location	Statewide, Louisiana		Owner's Project Manager	Fallon Farber, P.E.	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 / 225.379.1986 / fallon.farber@la.gov				
Services commenced by this firm (mm/yy)		06/25	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)		03/26	Cost of consultant services provided by this firm (\$1,000's)		\$334

Gresham Smith was subcontracted as the lead structural engineer of record for project H.012003 – Bayou Tigre 010130. Our scope of structural services included an in-depth inspection and **comprehensive load rating modeling** and analysis of the movable truss swing span and its approaches. Deliverables comprised a detailed structural inspection report, a load rating report, and a Scope of Work proposal with all recommended repairs and cost estimates identifying priority levels with alternative repairs and cost estimates as well.

Gresham Smith was subcontracted as the lead structural engineer of record for Project H.012003 – Bayou Tigre 010130, demonstrating our expertise in complex movable bridge structures. Our structural services scope included conducting a thorough and detailed inspection of the movable truss swing span and its approach spans, which are critical components for safe and reliable operation. Utilizing **advanced load rating modeling** and analysis techniques, we assessed the current load-carrying capacity under various load conditions to ensure compliance with applicable safety standards and design codes.

Our deliverables encompassed a comprehensive structural inspection report documenting observed conditions and potential deficiencies, along with a **detailed load rating report** that quantified the bridge's performance and capacity. Additionally, we developed a Scope of Work proposal that outlined all recommended repair strategies, including both prioritized repair actions and alternative solutions. Each recommendation was supported by cost estimates and categorized by priority level, enabling the client to make informed, cost-effective decisions regarding maintenance and rehabilitation.

Through our methodical approach and technical rigor, Gresham Smith provided critical insights and actionable recommendations that will enhance the longevity and operational safety of the Bayou Tigre movable bridge facility.

Nature of firm's responsibility: Sub Consultant

Firm members involved include: Bert Moore, Adam Davidson, Courtney Rome, Fadi Alsharif, Jackson Hartley and Austin Beck



Gresham Smith

17. Firm Experience:

Gresham Smith		Past Performance Evaluation Discipline(s)*		Bridge	
US 71 Spring Street Bridge Emergency Repairs				Firm responsibility (prime or sub?)	Prime
Project number	H.014361	Owner's name	Louisiana Department of Transportation and Development		
Project location	Shreveport, Louisiana	Owner's Project Manager		Heather Patton	
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA 70802 / 225.379.1306 / heater.patton@la.gov				
Services commenced by this firm (mm/yy)		05/20	Total consultant contract cost (\$1,000's)		\$115
Services completed by this firm (mm/yy)		08/20	Cost of consultant services provided by this firm (\$1,000's)		\$115

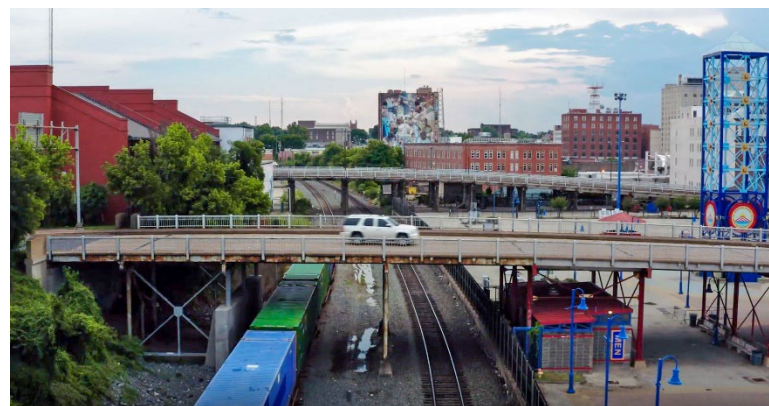
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)

On the morning of April 24, 2020, a Union Pacific train derailed in Shreveport, Louisiana, causing extensive damage to the historic Spring Street Bridge and its critical northbound overpass that carries an average of 47,000 vehicles a day in downtown Shreveport. The derailment resulted in an emergency closure and extensive detour of this primary route. In a race against time to get the bridge reopened to traffic, LaDOTD quickly issued an emergency task order for Gresham Smith to conduct complex bridge inspections and repairs. Within two days of the derailment, our Baton Rouge office's bridge team was on-site.

Following a cursory inspection of the historic structure, our team immediately began preparing design plans to replace an integral, load-carrying steel bent that was damaged beyond repair, and to add a concrete crash wall to protect the bridge from future train derailments. Gresham Smith worked hand-in-hand with general contractor C.E.C., Inc. to have the heavily traveled bridge reopened within just four months—eight months faster than your more typical bridge design and repair project.

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

Firm members involved include: Bert Moore, Courtney Rome and Tom Tran



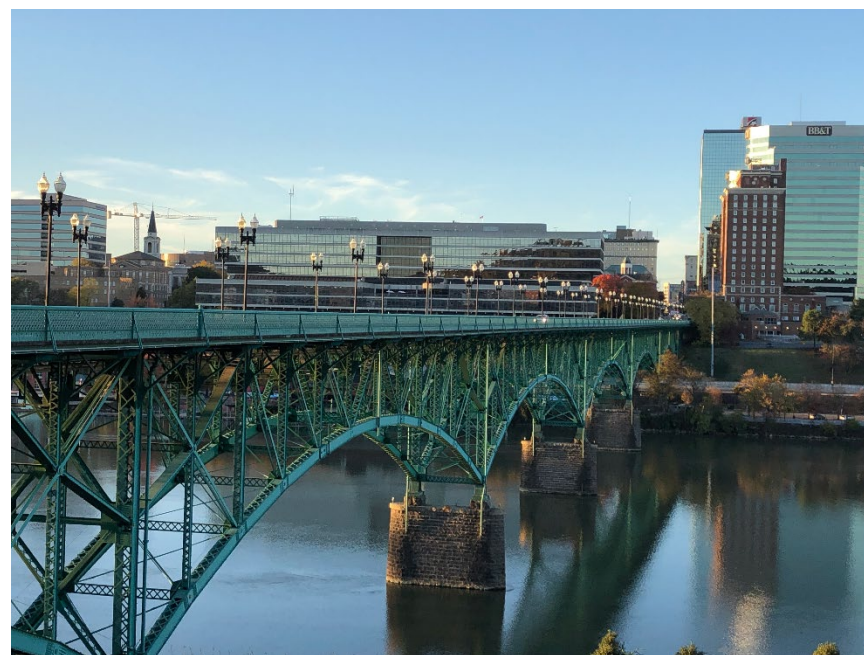
17. Firm Experience:

Gresham Smith		Past Performance Evaluation Discipline(s)*		Bridge	
Gay Street Bridge				Firm responsibility (prime or sub?)	Prime
Project number	C-24-0356	Owner's name	City of Knoxville		
Project location	Knoxville, Tennessee		Owner's Project Manager	David Skov, P.E.	
Owner's address, phone, email	3131 Morris Avenue, Knoxville, TN 37909 / 865.215.6121 / dskov@knoxvilletn.gov				
Services commenced by this firm (mm/yy)	11/24	Total consultant contract cost (\$1,000's)			\$497
Services completed by this firm (mm/yy)	01/26	Cost of consultant services provided by this firm (\$1,000's)			\$497

Gresham Smith performed a specialized supplemental load rating of the historic Gay Street Truss over the Tennessee River (built 1897), evaluating distorted and misaligned built-up bottom chord members identified on the east truss of Spans 2 and 4 during routine inspection. Because standard rating tools do not directly capture the effects of forced geometric distortion, our team developed a customized LRFR methodology under the AASHTO Manual for Bridge Evaluation that integrated a high-resolution LiDAR point-cloud survey to quantify member displacements and cross-sectional rotations, then converted those measurements into torsional residual stresses and secondary flexural demands using thin-walled section idealization and von Mises stress combination. We evaluated multiple live-load scenarios—HL-93, transit and electric bus loading, and several pedestrian-only configurations—and delivered a defensible set of rating factors, a 3D structural model, and a risk-based inspection, monitoring, and closure-trigger program to support the City's near-term operational decisions and long-term replacement planning. The assignment required close coordination among the owner, TDOT, and partner survey and inspection firms, and demonstrates our ability to apply sound engineering judgment and non-standard analytical techniques to complex, aging, fracture-critical structures.

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

Firm members involved include: Adam Davidson, Courtney Rome, Austin Beck, Ruth Park, Yun Lin and Donald McCrary



18. Approach and Methodology:

Navigating the Modern Challenges of Bridge Load Rating: A Programmatic Approach for LADOTD.

Across the United States, State Departments of Transportation (DOTs) are managing transportation networks under unprecedented pressures. Aging infrastructure, shifting regulatory mandates, and heavier specialized hauling vehicles have placed bridge evaluation and load rating programs at the center of critical operational decisions.

At Gresham Smith, we recognize the immense responsibility bridge owners bear in operating and maintaining public bridges—as well as the gravity of the impacts that load posting decisions carry. When a bridge is posted or restricted, the ripple effects on local and regional economies, freight mobility, emergency services, and community connectivity are immediate and profound. Successfully navigating these high-stakes decisions requires more than standard engineering calculations; it demands an agile, programmatic strategy tailored to today's infrastructure landscape.

Load Rating Philosophy & Methodology

We view load rating not merely as a routine compliance exercise, but as a vital asset management and decision-making tool. A load rating model is only as valuable as the decisions it empowers—whether that means maintaining efficient mobility, safeguarding public safety, optimizing capital improvement budgets, or avoiding costly, unnecessary load postings, closures, strengthening repairs, or replacements. We deliver a refined, data-driven approach to LADOTD's Statewide Bridge Load Rating Services contract. Our methodology pairs LADOTD's specific program requirements with proven, battle-tested processes honed across major state DOT bridge evaluation programs.

Our overarching philosophy is anchored by three core pillars:

Early Alignment: Establishing a clear understanding of LADOTD's objectives, priorities, and intended use of load rating results at the outset of every task to ensure evaluations are focused on the decisions that matter most.

Deep Collaboration: Maintaining close coordination with LADOTD stakeholders throughout the rating process to share insights, address challenges proactively, and ensure technical recommendations align with operational realities.

Tailored Solutions & Deliverables: Customizing our methodologies, analyses, and reporting approaches to meet LADOTD's specific program needs, providing actionable information that supports effective asset management, mobility, safety, and investment decisions. We continually assess opportunities to apply automation where it can enhance quality, efficiency, or program delivery, strategically developing tools and workflows when the anticipated benefits justify the investment and align with LADOTD's objectives.

Expanding on this philosophy and core pillars:

Client-First Alignment: Understanding the Decisions Behind the Analysis

Before developing a load rating model, we work closely with LADOTD staff to understand the operational context in which the results will be used. While posting, permitting, and asset management decisions ultimately remain the responsibility of the bridge owner, the quality of those decisions depends on the quality and applicability of the information provided through the load rating process.

- **Understanding Agency Objectives:** Identifying how load rating results will support LADOTD's bridge management, permitting, maintenance, and capital planning activities so that analyses are focused on delivering meaningful, decision-ready information.
- **Interpreting Bridge Conditions Through Collaboration:** Maintaining open communication with inspectors and agency personnel to gain a thorough understanding of inspection findings, deterioration mechanisms, damage observations, and field conditions that may significantly influence bridge capacity.

With NBIS qualifications and LADOTD complex bridge inspection IDIQ experience, our team excels at translating critical inspection findings into accurate load ratings.

- **Leveraging the Full Capability of LRFR:** Taking advantage of the flexibility and rigor provided within the LRFR methodology to appropriately account for bridge condition, inspection findings, load path behavior, and evaluation-specific considerations, resulting in ratings that more accurately reflect actual bridge performance and available capacity.

Systematic Load Rating Delivery & Intelligent Automation

Managing a statewide bridge inventory requires more than production capacity. It requires a structured approach that identifies commonalities across bridge populations while preserving the flexibility needed for bridge-specific evaluation. We combine proven load rating methodologies, standardized workflows, and targeted automation to improve consistency, efficiency, and quality across the program.

- **Intelligent Bridge Categorization:** Following initial screening, structures are grouped by type, complexity, condition, and evaluation requirements, allowing the appropriate rating methodology to be applied, from standard analyses to advanced refined modeling when warranted.
- **Standardized Yet Flexible Evaluation Frameworks:** Proven modeling templates, calculation procedures, and reporting workflows are developed for recurring bridge types, reducing repetition while maintaining the ability to incorporate bridge-specific conditions, inspection findings, and LRFR evaluation provisions.
- **Targeted Automation for Load Rating Delivery:** We continually assess opportunities to automate repetitive load rating tasks such as data preparation, model generation, quality-control reviews, production tracking, and report development. Automation solutions are pursued in collaboration with LADOTD and implemented where they provide measurable value through improved efficiency, consistency, or turnaround time.
- **Integrated Quality Assurance:** Multi-level quality control procedures, automated validation checks, and independent technical reviews are scaled to the complexity of the structure and evaluation, ensuring reliable and defensible load rating results.
- **Collaborative Refinement: The "Art" of Load Rating & Posting Avoidance:** Effective load rating is not simply about identifying deficiencies; it is about providing bridge owners with the information needed to make sound operational and financial decisions. Because unnecessary postings can significantly impact freight movement, emergency response, local economies, and agency resources, our approach is to thoroughly investigate a bridge's available capacity before recommending restrictions. When initial baseline analyses indicate a potential deficiency, we work closely with LADOTD through a structured refinement process to ensure decisions are based on the most accurate and representative evaluation possible.

Demonstrated Capacity, Track Record & High-Impact Case Studies

Since 2019, Gresham Smith has evaluated and delivered ratings for 600+ bridges and 1,200+ culverts for state DOTs across the Southeast, including more than 200 complex structures spanning intricate steel trusses, bascule bridges, and tied arches, alongside over 250 AASHTOWare BrR model quality reviews.

Partnering Through High-Stakes Mandates

TDOT Plan of Corrective Action: Deployed advanced 3D FEA to rate the state's most complex structures, provided embedded employees, completed mass routine load ratings, and developed an automated, systematic screening methodology to evaluate over 9,000 culverts under demanding FHWA timelines.

MDOT Systemwide LRFR Box Beam Transition: Spearheaded QC reviews on hundreds of AASHTOWare BrR models during MDOT's transition from LFR to LRFR, systematically diagnosing, troubleshooting, and repairing non-converging and defective legacy models.

"The team at Gresham Smith has consistently delivered high quality load ratings of TDOT bridges. They have the ability to work on a wide variety of bridge types and complexities. TDOT has specifically assigned bridges that are challenging to load rate and model to the Gresham Smith team, due to their exceptional

Gresham Smith

understanding of current load rating practices and ability to provide insight on these issues."

— **Rebecca Hayworth, P.E.**, Civil Engineering Manager 1, TDOT Structures Division / Bridge Inspection Office

High-Impact Case Studies

Case Study 1: Advanced Research & Load Testing with Executive-Level Impact (TDOT Zinc Plant Road Bridge)

The Challenge: Initial load rating results indicated a capacity concern that, if left unrefined, could have resulted in construction access complications for Korea Zinc's \$6.6 billion project to manufacture a range of critical minerals in a joint venture with the U.S. government. .

The Solution: Rather than relying solely on analytical results, Gresham Smith led a collaborative evaluation effort involving Auburn University researchers, agency stakeholders, and specialized field testing. Physical load testing was performed to better understand actual bridge behavior, and the findings were used to calibrate and validate the bridge model, resulting in a more accurate representation of in-service structural performance.

Value to LADOTD: Demonstrates our ability to seamlessly lead academic/DOT research partnerships for field testing and load validation, directly supporting LADOTD's vision for site-specific load testing while confidently navigating acute political and regulatory scrutiny.

Case Study 2: Crisis Response & Community Preservation – Gay Street Bridge (Knoxville, TN)

The Challenge: TDOT bridge inspectors abruptly closed the City of Knoxville's iconic, 130-year-old Gay Street Bridge (a historic 1895 cantilevered deck truss spanning the Tennessee River) after discovering a severely buckled lower chord. Due to our reputation with TDOT, the State recommended that the City retain Gresham Smith.

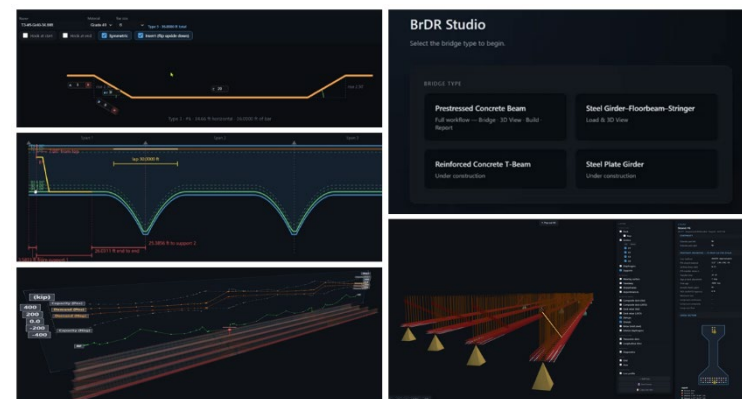
The Solution: Gresham Smith conducted a comprehensive evaluation of the historic structure, reconstructing more than 130 years of archival plans, rehabilitation records, and inspection findings to establish an accurate understanding of the bridge's evolution and current condition. Following detailed field investigations, our team developed an advanced non-linear 3D finite element model to evaluate the buckled lower chord's residual capacity and identify critical load redistribution mechanisms throughout the structure. Based on these findings, we designed temporary stabilization measures that safely reopened the bridge to pedestrian and bicycle traffic, providing the City valuable time to secure permanent replacement funding. Throughout the effort, we worked directly with the city's executive office to assess emergency routing impacts, communicate technical findings to the public, and provide engineering support during highly visible press conferences.

Value to LADOTD: Demonstrates our ability to support bridge owners when evaluation outcomes carry significant public, political, operational, and economic consequences. By combining advanced structural analysis, practical stabilization measures, and executive-level stakeholder engagement, we help owners make informed decisions during high-visibility and time-critical situations.

Case Study 3: BRDR Studio - Addressing Longstanding Load Rating Workflow Challenges

The Challenge: Bridge load rating programs often rely on complex modeling workflows, fragmented software environments, and limited visualization capabilities. These challenges can increase model development time, complicate quality-control efforts, and make it difficult for engineers and agency staff to verify assumptions, interpret results, and communicate findings effectively.

The Solution: Recognizing persistent challenges within traditional bridge modeling workflows, Dr. Yun Lin led the development of BRDR Studio, an innovative bridge evaluation ecosystem presented at the 2026 AASHTO RADBUG Conference. Developed in direct response to common pain points identified by bridge



owners and load rating engineers, BRDR Studio introduces a modern, visualization-driven modeling environment that streamlines model development through intuitive controls, drag-and-drop workflows, advanced configuration tools, and real-time graphical validation. Built around the AASHTOWare BrR platform, the system enhances model creation, quality control, results interpretation, and report generation while maintaining compatibility with established agency workflows and deliverables.

Engineers can rapidly develop models, visually verify structural geometry and assumptions during model creation, review results through interactive 3D renderings, perform quality-control checks more efficiently, and generate project deliverables with greater consistency and confidence.

Value to LADOTD: BRDR Studio demonstrates our commitment to solving real-world bridge evaluation challenges through practical innovation. By combining streamlined modeling workflows, real-time visual validation, enhanced result interpretation, and automated reporting capabilities, the platform helps improve both efficiency and quality. More importantly, it embodies the philosophy we bring to every load rating program: identifying pain points, partnering with stakeholders to understand their needs, and developing targeted solutions that enable engineers to spend less time managing software and more time focused on sound engineering decisions.

Industry-Leading Minds & Dedicated Agency Immersion

When LADOTD partners with Gresham Smith, you gain direct access to nationally recognized thought leaders who actively shape state-of-the-practice guidelines across the country:

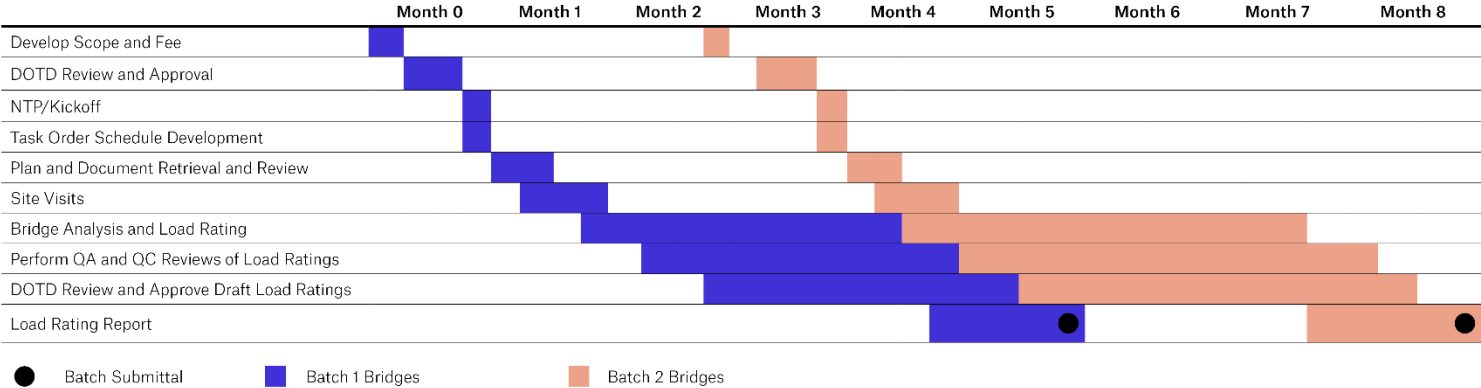
Dr. Yun Lin, PE, PhD – Bridge Load Rating Discipline Leader: An industry authority in refined finite element analysis, bridge automation, API tools, and state-level policy development who has conducted specialized training webinars and technical sessions for DOT evaluation teams for **LADOTD, INDOT, GDOT, MDOT, WVDOH, and FDOT.**

"We discussed the use of the section stiffness scale factor and its use in considering creep effects as well as some things concerning load rating results. I found this expert interaction extremely helpful. I'll go so far as to say this was the most helpful interaction with any technical support or expert assistance I have ever received with respect to any software provider... This assistance is unmatched by anything I have experienced in my 10 years in the Structural Engineering industry."

— **Florida Department of Transportation (FDOT),** Refined Analysis Evaluation Feedback.

National State-of-the-Practice Leadership: Co-presenting alongside TDOT and MDOT leaders at AASHTO RADBUG & COBS (2025 & 2026) on pioneering API-driven automations in AASHTOWare BrR, and regularly tapped to conduct nationwide webinars on advanced 3D FEA modeling and complex load rating techniques.

Embedded Consultant Support (Jackson Hartley and Ruth Park): Bringing direct agency experience within TDOT's Bridge Evaluation Division (managing permit program administration and oversize routing reviews, leading consultant QC across statewide submittals, and mentoring agency junior staff to build long-term internal capacity).



19. Workload:

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

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

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

List only the portion of the fees attributable to firms on the team.

Firm All firms must be represented in this table	Past Performance Evaluation Disciplines(s) *	Contract Number & State Project Number	Project Name	Remaining unpaid balance**
Gresham Smith	Bridge	44-21514; H.012003	Movable Bridge Contract 2	\$8,328

(Add rows as needed)

DO NOT SUM

20. Certifications



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Herbert Eugene Moore II

License/Certificate Type - Number
PE.0031065

Status: **Active** Exp Date: **09/30/2026**

Certificate of Completion

presented to

Bert Moore

for completing the

**Traffic Engineering Analysis Process & Report
Module 1**

Date: June 4, 2018 Professional Development
Location: Baton Rouge, Louisiana Hours (PDHs) Awarded: 4


Authorized Instructor


Authorized Instructor


Authorized instructor



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Bert Moore

for completing the

**Traffic Engineering Analysis Process & Report
Module 2**

Date: June 11, 2018 Professional Development
Location: Baton Rouge, Louisiana Hours (PDHs) Awarded: 4


Authorized Instructor


Authorized Instructor


Authorized instructor



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Bert Moore

for completing the

**Traffic Engineering Analysis Process & Report
Module 3**

Date: October 18, 2018 Professional Development
Location: Baton Rouge, Louisiana Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT



April 6, 2016

Mr. Bert Moore
Gresham Smith and Partners
10,000 Perkins Rowe
Suite 280
Baton Rouge, LA 70810

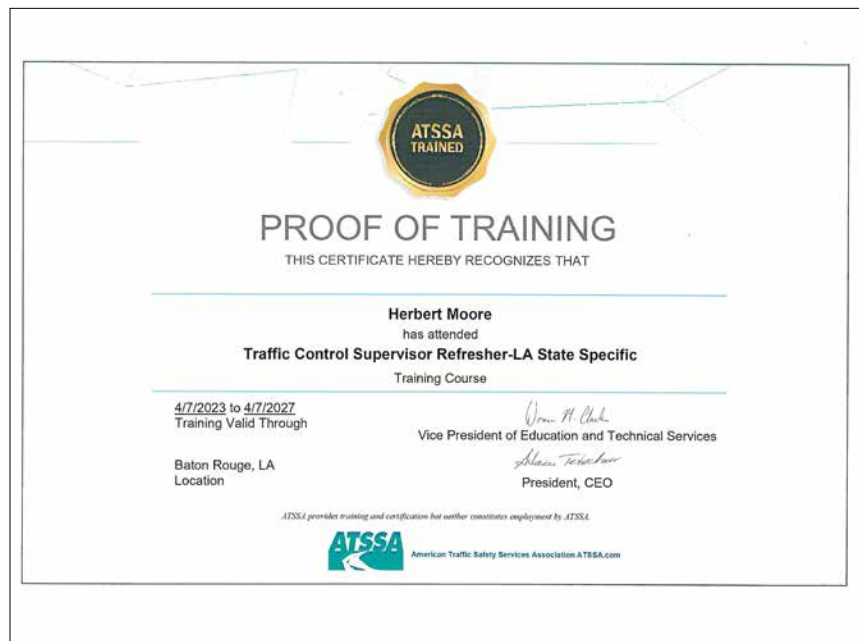
Subject: Trafficware Certification

Mr. Bert Moore,

Congratulations on your successful completion of Trafficware University certification requirements in our hardware, traffic management software, and traffic analysis/optimization software.

Please retain this letter to serve as an official document certifying that Mr. Bert Moore is fully certified in the operation and maintenance of all products manufactured and distributed by Trafficware Group, Inc.

Sincerely,



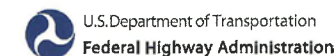


**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Courtney Jermaine Rome

License/Certificate Type - Number
PE.0043355

Status: **Active** Exp Date: **09/30/2027**



Certificate of Training

Courtney J. Rome

has completed training in

-AASHTO LRFD Bridge Design Specifications (Zone 1 & 2)
**-Guide Specifications for LRFD Seismic Bridge Design
(SDC A & B)**

Location: Little Rock, Arkansas
Dates: April 9, 2014

Hours of Instruction (PDH): **4.5**
Continuing Education Units: **0.45**


Derrell Manceaux, P.E.
Senior Structural Engineer
Federal Highway Administration
Resource Center



National Highway Institute
Certificate of Training
COURTNEY ROME



has participated in

**FHWA-NHI-130056 Safety Inspection of In-Service Bridges
for Professional Engineers**

hosted by

LA DOTD/LTRC

Date: May 13-17, 2019
Location: Baton Rouge, LA

Hours of Instruction: 34


Instructor


Instructor


Local Coordinator


Michael Davies, Director
National Highway Institute



National Highway Institute
Certificate of Training
Courtney Rome



has participated in

FHWA-NHI-132070 Drilled Shaft Foundation Inspection

hosted by

Arkansas Highway and Transportation Department

Date: June 6-8, 2017
Location: Little Rock, AR

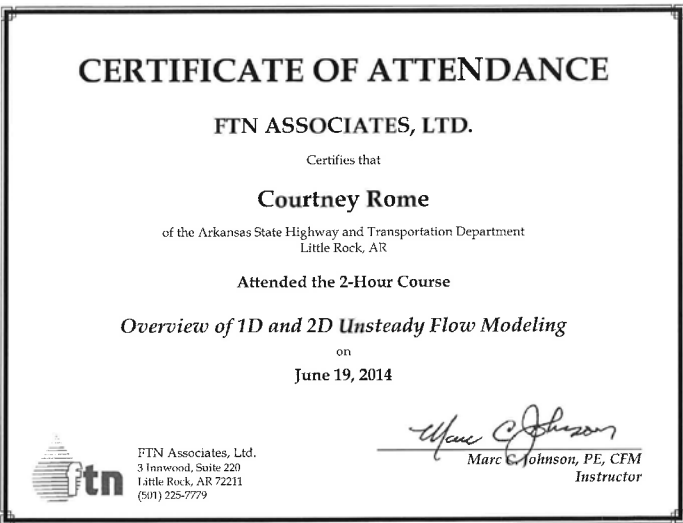
Hours of Instruction: 14.0


Instructor


Instructor


Local Coordinator


Valerie Briggs, Director
National Highway Institute



Certificate of Training

this certifies that
Courtney Rome
has successfully completed

MASH Criteria Training
Presented by Trinity Highway Product and Gulf Material Sales
on April 13, 2016 in Little Rock Arkansas

Professional Development Hours (PDH) – 2

Signed: Chuck Boyd Date: 4-13-16
Chuck Boyd, P.E.

SUNBELT RENTALS

This Certifies that
Courtney Rome
of
Gresham Smith

Has attended Mobile Elevating Work
Platform Operator Training

MEWP's Trained on:
ANSI MEWP Operator Boom Lifts 3b,
Scissor Lifts 3a

Trainer:
Julio Torres
Date of Training:
3/18/2022
Expires 5 Years from Above Date

SUNBELT RENTALS

This Certifies that
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of
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Has attended Mobile Elevating Work
Platform Operator Training

MEWP's Trained on:
ANSI MEWP Operator Boom Lifts 3b,
Scissor Lifts 3a

Trainer:
Julio Torres
Date of Training:
4/18/2022
Expires 5 Years from Above Date

As holder of this card, I pledge to follow all ANSI A12 standards for the safe operation lifts and any other applicable safety guidelines for construction and industry as well as:

1. Read and familiarize myself with all manuals for each AWP.
2. Conduct a Prestart inspection before each day or before each work shift.
3. Ensure operators are trained.
4. Perform a Workplace Inspection.
5. Ensure that before each movement or repositioning of the lift.

The AWP is operated on a surface within the limits specified by the manufacturer.
Outriggers, extendible outriggers, or other stability enhancing means are used as required by the manufacturer.
Guardrails are installed and access gates or openings are closed per the manufacturer's instructions.
The load and its distribution on the platform are in accordance with the manufacturer's rated capacity.
There is adequate overhead clearance.
Maintain the Minimum Safe Approach Distance (MSAD) from energized power lines.
All PPE is worn including a personal harness and lanyard attached to the manufacturer's anchorage point.
6. Follow all manufacturer's warnings and instructions.

Mead & Hunt

In cooperation with the
Louisiana Department of Transportation & Development
presents this

Certificate of attendance and participation for:

Courtney Rome

Training Course:
Maintenance and Rehabilitation of Historic Bridges

Transportation Training and Education Center
4099 Goumier Avenue, Room 175
Baton Rouge, Louisiana 70808

Please select the date you attended the course:

☐ Tuesday, May 1, 2018

☒ Wednesday, May 2, 2018

You have earned 8 PDH units that can be applied to applicable continuing education requirements for professional engineering licensure.

Amy Squitieri
Mead & Hunt Instructor
Amy Squitieri

John A. Rutledge
Mead & Hunt Instructor
John A. Rutledge, PE, SE

Has successfully completed a flagger training course meeting the
requirement of the

**LOUISIANA DEPARTMENT OF TRANSPORTATION &
DEVELOPMENT**

on the following date

APR 30, 2025

This certificate is valid for 30 days from completion date

with a government issued photo ID.

Verify this certificate against the information online use the code below to view certificates

191-57-126614

Enter the code to verify this certificate is an original at

<https://process.onlineflagger.com/duplicate>

ATSSA Serial Number will show here once we process your card. Please check back here in a
few days if there is no number listed below.



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ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

8550 United Plaza Blvd, Suite 903
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Jackson Tipton Hartley

License/Certificate Type - Number PE.0051317	Expiration Date 09/30/2026
Status: Active	



National Highway Institute

Certificate of Training

JACKSON HARTLEY

has Successfully Completed

FHWA-NHI-130055

Safety Inspection of In-Service Bridges

hosted by

LA DOTD/LTRC



Date: May 15-26, 2023

Location: Baton Rouge, LA

Hours of Instruction: 67

[Signature]

Instructor

Allison H. Landry

Local Coordinator

[Signature]

Instructor

Stacey J. Caston

Stacey J. Caston, Acting Director
National Highway Institute

CERTIFICATE OF TRAINING



**SUNBELT
RENTALS**

This Certifies that
Jackson Hartley
of
Gresham Smith

Has attended Mobile Elevating Work
Platform Operator Training

MEWP's Trained on:
ANSI MEWP Operator Boom Lifts 3b,
Scissor Lifts 3a

Trainer:
Julio Torres

Date of Training:
3/18/2022

Expires 5 Years from Above Date



**SUNBELT
RENTALS**

This Certifies that
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of
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Has attended Mobile Elevating Work
Platform Operator Training

MEWP's Trained on:
ANSI MEWP Operator Boom Lifts 3b,
Scissor Lifts 3a

Trainer:
Julio Torres

Date of Training:
4/18/2022

Expires 5 Years from Above Date

As holder of this card, I pledge to follow all ANSI A92 standards for the safe operation lifts and any other applicable safety guidelines for construction and industry as well as:

- 1 Read and Familiarize myself with all manuals for each MEWP
- 2 Conduct a Prestart Inspection before each day or before each work shift.
- 3 Ensure operators are trained.
- 4 Perform a Workplace Inspection.
5. Ensure that before each movement or repositioning of the MEWP:

The MEWP is operated on a surface within the limits specified by the manufacturer.

Outriggers, extendible sales or other stability enhancing means are used as required by the manufacturer.

Guardrails are installed and access gates or openings are closed per the manufacturer's instructions.

The load and its distribution on the platform are in accordance with the manufacturer's rated capacity.

There is adequate overhead clearance.

Maintain the Minimum Safe Approach Distance (MSAD) from energized power lines.

All PPE is worn including a personal harness and lanyard attached to the manufacturer's anchorage point.

6. Follow all manufacturer's Warnings and Instructions.



Certificate of Attendance

Yun Lin

has participated in

AASHTOWare Bridge Rating Fundamentals Training

hosted by

LA DOTD/LTRC

Date: August 1st-2nd, 2017
 Location: Baton Rouge, Louisiana

Professional Development
 Hours (PDHs) Awarded: 12

Herman Lee
 Herman Lee, P.E., PMP
 Michael Baker International

Michael S. Pichura
 Michael S. Pichura, P.E.
 Michael Baker International



old Here



Fold Here

TN

Commerce and Insurance Verify

Details for Park, Ruth Maria

Sections

Summary

License

126968

Professional Engineer

A&E Engineer

Architects and Engineers

Status

Active

Expiration Date

10/31/2026

Original Licensure Date

10/24/2022

Contact Information

Main Address

HERMITAGE, Tennessee 37076

Davidson, United States

Modifiers

Other

Civil Engineering

Public Lookup

License Search

Georgia Professional Engineers and Land Surveyors Board

Licensee Details

Licensee Information

Full Name

Timothy James Dow

Location

Canton, GA 30114

Primary Source License Information

License No *

PE043940

Profession

Engineers / Land Surveyors

License Type

Professional Engineer

Issue Date

12/05/2018

License Method *

Examination

License Status

Active

Expiration Date

12/31/2025

Date of Last Renewal

11/18/2024

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Commerce and Insurance Verify

Details for LOVETT, ROBIN E

Sections

Retrieved on 10/21/2025 01:38 PM

License details for the selected record.

Summary

License

22275

Status

Active

Professional Engineer

A&E Engineer

Architects and Engineers

Expiration Date

07/31/2027

Original Licensure Date

07/15/1991

Contact Information

Main Address

NASHVILLE, Tennessee 37201

Division, United States

Place of Employment

NASHVILLE, Tennessee 37201

Division, United States

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Department of Commerce & Insurance

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PE Roster

Public Information Act Changes:

Please note, effective September 1, 2023, all mailing addresses and phone numbers of individual professional engineer licenses, engineers-in-training, professional land surveying registrants, and surveyors-in-training are being removed from the Board's published roster in order to comply with the requirements of [Senate Bill 110](#) ([HB2](#), [Sb/Har Session](#)). This information, in addition to individual's e-mail addresses, is no longer disclosable under the Public Information Act. The Board appreciates your understanding as it complies with these Legislative-mandated changes to the Public Information Act.

Search our roster of Professional Engineers (PEs).

This roster only lists PEs who have a renewable license. Once a PE license has been expired for 2 or more years it becomes non-renewable and will not be listed on the roster. Names are listed as last, first middle suffix, and ordered alphabetically by last name.

Additional Rosters:

PE Roster

ELT Roster

Firm Roster

Roster Download:

PE Roster

(ZIP/CSV)

Valid for active engineering:

Active:

License is current and valid.

Not valid for active engineering:

Delinquent:

Renewal is past due.

Expired 90 Days:

License has been expired for 90 or more

Search for a licensed PE

PE Number:

140495

Branch:

Select one

Last Name:

First Name:

Employer:

Expiration:

Select date

Status:

Select one

Search

Clear X

Gresham Smith

←

Details for Wells, Braden

Sections

• Retrieved on 07/30/2025 08:10 AM

License details for the selected record.

Summary

License 127387 Professional Engineer A&E Engineer Architects and Engineers	Status Active
Expiration Date 07/31/2027	Original Licensure Date 07/11/2023

Contact Information

Main Address
FRANKLIN, Tennessee 37064
Williamson, United States

Modifiers

Other
Civil Engineering

MISSISSIPPI BOARD OF LICENSURE FOR
PROFESSIONAL ENGINEERS AND SURVEYORS

Licensee Details

Name and Contact Information:

Name:

Mr Michael Shane Wright

Address:

RIDGELAND, MS 39157

County:

Phone:

601-927-9175

Email:

mswright302@yahoo.com

Employer:

License and Enrollment Information:

Enrollment Type:

Engineer Intern

Enrollment Number:

27483

Initial Enrollment Date:

06/01/2016

Expires on:

None

Enrollment Status:

Active

License Type:

Professional Engineer

License Number:

37606

Initial License Date:

04/03/2026

Expires on:

12/31/2026

License Status:

Active

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Licensee Details

Licensee Information

Full Name

Morgan McKenna Edmondson

Location

Marietta, GA 30066

Primary Source License Information

License No *	Profession	License Type
PE047145	Engineers / Land Surveyors	Professional Engineer
Issue Date	Licensure Method *	License Status
04/29/2021	Comity	Active
	Expiration Date	Date of Last Renewal
	12/31/2026	11/25/2024

Associated Licenses

Search...

Filters

Columns

Full Name	License Type
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Filters

Columns

Document Name	Upload Date	D
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6/5/25, 2:26 PM

DBPR - ALSHARIF, FADI, Professional Engineer

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LICENSEE DETAILS

3:26:21 PM 6/5/2025

Licensee Information

Name:	ALSHARIF, FADI (Primary Name)
Main Address:	2309 SPOONWOOD DR TALLAHASSEE Florida 32303
County:	LEON

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	84483
Status:	Current,Active
Licensure Date:	01/19/2018
Expires:	02/28/2027

Special Qualifications

Qualification Effective

Civil	01/19/2018
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Alternate Names

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Georgia Professional Engineers and Land Surveyors Board

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Jin Liu

License Information

License Information

License Type	License No	License Status
Professional Engineer	PE027074	Active
Issue Date	Expiration Date	Date of Last Renewal
01/12/2001	12/31/2025	11/01/2025

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2/24/25, 11:58 AM

EVOKE



Georgia Professional Engineers and Land Surveyors Board

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Licensee Details

License Information

Full Name
Julio Trinidad Castillo Jr
Location
Woodstock, GA 30188

Primary Source License Information

License No	Profession	License Type
PE046337	Engineers / Land Surveyors	Professional Engineer
Issue Date	Licensure Method	License Status
10/16/2020	County	Active
	Expiration Date	Date of Last Renewal
	12/31/2025	12/09/2024

Associated Licenses

[Filter](#) [Columns](#)

Full Name	License Type	License Status
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1/2

Gresham Smith

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers

225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
GRESHAM SMITH	Partnership (Non-Louisiana)	OFFICE: NASHVILLE, TENNESSEE	Active

Previous Names

GRESHAM, SMITH AND PARTNERS (Changed: 9/27/2018)

Business: GRESHAM SMITH

Charter Number: 36123793L

Registration Date: 2/17/2006

Domicile Address

DOMICILE: TENNESSEE

OFFICE: NASHVILLE, TENNESSEE

Mailing Address

222 SECOND AVENUE SOUTH

SUITE 1400

NASHVILLE, TN 37201

Principal Business Office

222 SECOND AVENUE SOUTH

SUITE 1400

NASHVILLE, TN 37201

Registered Office in Louisiana

Principal Business Establishment in Louisiana

10000 PERKINS ROWE, SUITE G280

BATON ROUGE, LA 70810

Status

Status: Active

Registered: 2/17/2006

Last Report Filed: 2/29/2024

Type: Partnership (Non-Louisiana)

Registered Agent(s)

Agent: NATIONAL REGISTERED AGENTS, INC.

Address 1: 3867 PLAZA TOWER DR.

City, State, Zip: BATON ROUGE, LA 70816

21. QA/QC Plan:

22. Sub-consultant information:

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
N/A	N/A	N/A	N/A

(Add rows as needed)

23. Location:



Gresham Smith

Genuine Ingenuity

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Baton Rouge, LA
Birmingham, AL
Buford, GA
Charlotte, NC
Chattanooga, TN

Chicago, IL
Cincinnati, OH
Columbus, OH
Dallas, TX
Denver, CO
Detroit, MI
Ft. Lauderdale, FL

Huntsville, AL
Jackson, MS
Jacksonville, FL
Knoxville, TN
Lexington, KY
Louisville, KY
Memphis, TN

Miami, FL
Nashville, TN
Orlando, FL
Richmond, VA
Tallahassee, FL
Tampa, FL

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Baton Rouge, LA 70810
225.757.5849
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