IDIQ CONTRACT FOR BRIDGE LOAD RATING
CONTRACT NO. 4400025865
STATEWIDE

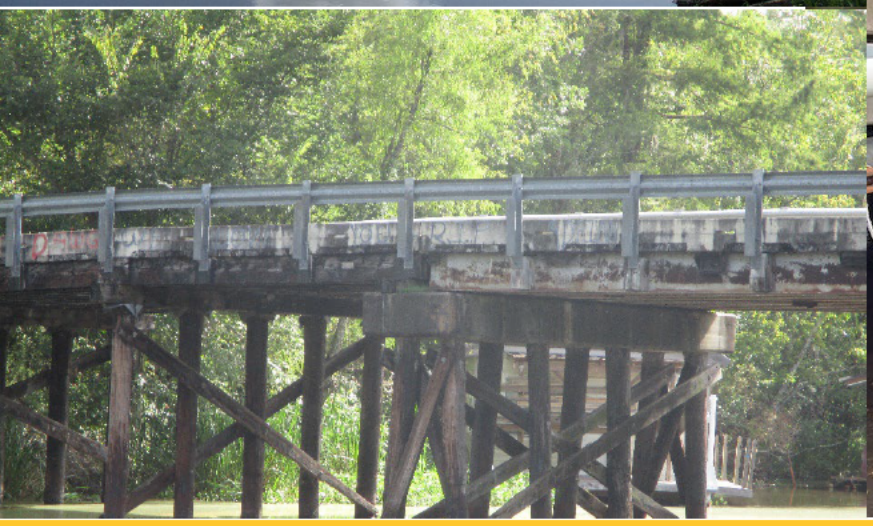
Proposal Prepared For:

Louisiana Department of
Transportation and Development

January 11, 2023

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

GIS ENGINEERING LLC



450 Laurel Street Suite 1500 | Baton Rouge, LA 70801 | (225) 408-0700 | www.gisveng.com

January 11, 2023

Mr. Michael Gorbaty
Consultant Contract Services Administrator
Unit 018
1201 Capitol Access Rd. (Attention Sec 80)
Baton Rouge, LA 70802

Subject: ENGINEERING AND RELATED SERVICES IDIQ CONTRACT FOR BRIDGE LOAD RATING CONTRACT NO. 4400025865, STATEWIDE

Dear Mr. Gorbaty:

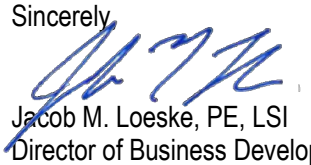
GIS Engineering, LLC (GIS) is pleased to submit this Statement of Qualifications to provide Engineering and related services for the subject Advertisement for Engineering and Related Services IDIQ for Bridge Load Rating to the Louisiana Department of Transportation and Development (DOTD). The GIS Team is committed to providing the services required utilizing assigned resources and staff from our regional offices with specific experience relative to the tasks assigned through this contract.

The GIS Team presents the following benefits:

- **Firm Experience on Similar Projects:** GIS Engineering has an excellent history of completing similar load rating and inspection projects with extremely satisfied clients throughout the state Louisiana.
- **Staff Experience on Similar Projects:** GIS and our teaming partners, Huval and Associates and WTAA Engineers, have completed numerous projects throughout the region related to the needs outlined in this scope.
- **Firm Size as Related to the Project Magnitude:** While the task order for Bridge Load Rating may be relatively simple, the GIS team has a staff of more than 250 resources and necessary equipment to address several bridges concurrently.
- **Past Performance on Similar DOTD Projects:** With the addition of Huval as our strategic teaming partner, GIS Engineering will have a very experienced and highly rated past performance firm coordinating on deliverables and assisting in the field to assure DOTD the expected quality on submissions.
- **Current Work Load with DOTD:** GIS Engineering **has no current projects as Prime Consultant** and are subconsultants only with no active work with DOTD (CEI for Golden Meadow to Leesville and Miss River Bridge Environmental Document).
- **Approach and Methodology:** GIS Engineering understands the importance of this project for public safety and when developing priority lists for replacements and rehabilitations of existing bridges. We have identified 3 key components to insure its success for both GIS and DOTD: **Communication**, **Quality**, and **Expertise** are the foundations that we will focus on to accomplish the tasks of data collection, site visits, and analysis and load rating. We have an experienced team that is well versed in the required software packages as well as the pertinent design manuals.

We appreciate the opportunity to respond to DOTD's Request for Qualifications and welcome the opportunity to discuss our qualifications. We assure DOTD that, upon selection, the GIS Team will strive to exceed expectations for each task order, safely and within budget.

Sincerely,



Jacob M. Loeske, PE, LSI
Director of Business Development

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised March 1, 2022)

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.

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

1. Contract title as shown in the advertisement	IDIQ CONTRACT FOR BRIDGE LOAD RATING
2. Contract number(s) as shown in the advertisement	4400025865
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	GIS ENGINEERING LLC
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.0005905 VF.0000814
6. Prime consultant mailing address	P.O. Box 820 18838 Hwy 3235 Galliano, LA 70354
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	450 Laurel Street, Suite 1500 Baton Rouge, LA 70801
8. Name, title, phone number, and email address of prime consultant's contract point of contact	 Jacob M. Loeske, PE, LSI Director of Business Development 985.665.2262 jloeske@gisv.com

9. Name, title, phone number, and email address of the official with signing authority for this proposal	Oneil Malbrough, REM Sr. Vice President 985.219.1000 oneilm@gisy.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9): _____ Date: 1/11/2023
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): — WTAA ENGINEERS Firm(s)' %: — 3%

12. Past Performance Evaluation Discipline Table:

Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 19 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.
(Add rows as needed)

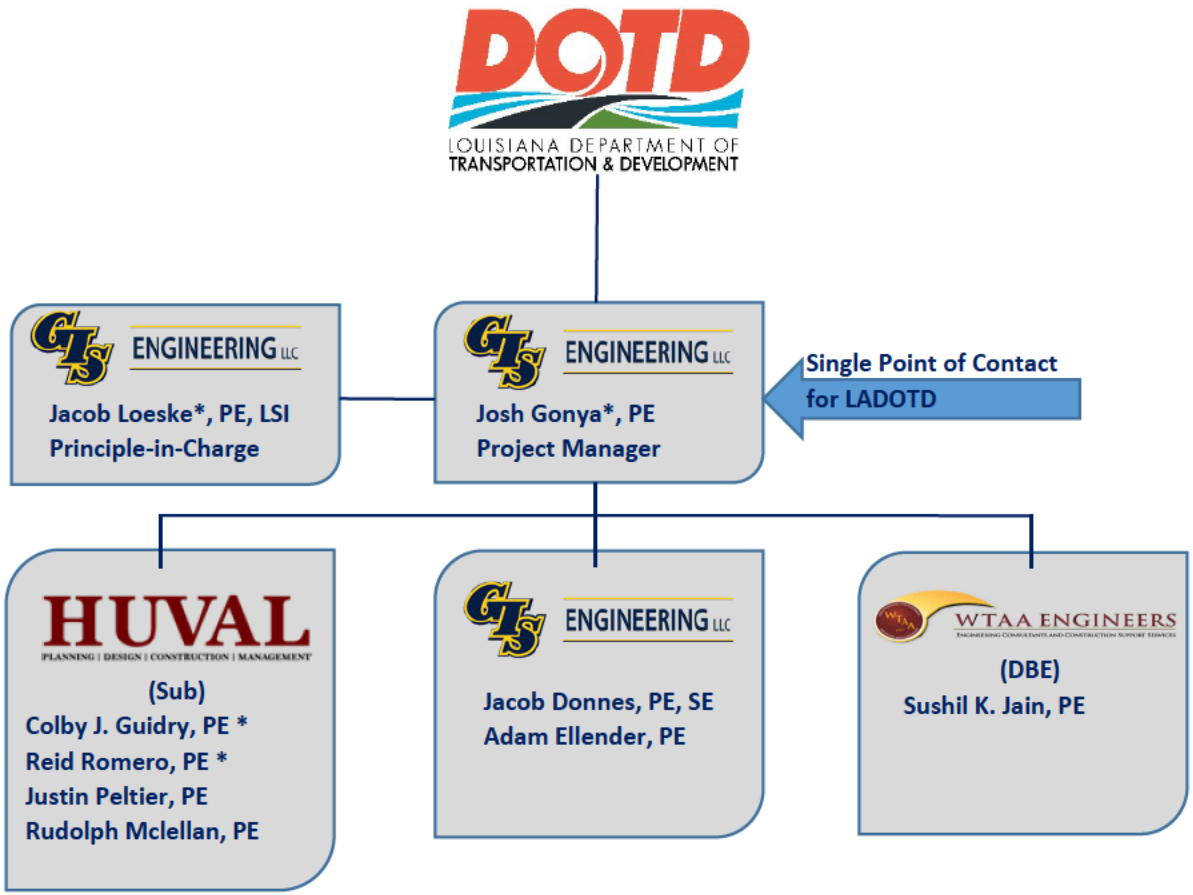
Evaluation Disciplines	% of Overall Contract	GTS ENGINEERING LLC (Prime)	HUVAL PLANNING | DESIGN | CONSTRUCTION | MANAGEMENT (Sub)	WTAA ENGINEERS (DBE)
Bridge	70%	76%	24%	
Data Collection	30%	90%		10%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	80.2%	16.8%	3%

13. Firm 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)
GJS ENGINEERING LLC	Principal	1	3
GJS ENGINEERING LLC	Engineering Supervisor	1	4
GJS ENGINEERING LLC	Engineer	4	11
HUVAL PLANNING | DESIGN | CONSTRUCTION | MANAGEMENT	Engineer	4	19
WTAA ENGINEERS	Engineer	1	4

14. Organizational Chart:

* Meets MPRs



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Jacob Loeske, PE, LSI	GIS ENGINEERING LLC	PE No. 33285	LA	9/30/2023
2	Jacob Loeske, PE, LSI	GIS ENGINEERING LLC	PE No. 33285	LA	9/30/2023
3	Jacob Loeske, PE, LSI	GIS ENGINEERING LLC	PE No. 33285	LA	9/30/2023
4	Joshua Gonya, PE	GIS ENGINEERING LLC	PE No. 40859	LA	9/30/2024
5	Colby J. Guidry, PE	HUVAL PLANNING | DESIGN | CONSTRUCTION | MANAGEMENT	PE No. 31338	LA	9/30/2024
6	Reid Romero, PE	HUVAL PLANNING | DESIGN | CONSTRUCTION | MANAGEMENT	PE No. 37772	LA	9/30/2023

16. Staff Experience:

Firm employed by GIS ENGINEERING LLC			**Meets MPR's # 1,2 and 3**
Name	Jacob Loeske, PE, LSI	Years of relevant experience with this employer	3 years
Title	Sr. Project Manager / Director of Business Development	Years of relevant experience with other employer(s)	18 years
Degree(s) / Years / Specialization		BS / 2002 / Environmental Engineering	
Active registration number / state / expiration date		33285 / LA / 09/30/2023 548 / LA / 09/30/2023	
Year registered	2007 2008	Discipline	Civil Engineer Land Survey Intern
Contract role(s) / brief description of responsibilities		Mr. Loeske has developed, delivered, and managed complex roadway and bridge projects for LADOTD and several state and local agencies. He has earned a reputation for leading diverse project teams that deliver value to the client and meet proposed schedules while providing exceptional client service towards the common vision and goals. He has over 18 years of engineering design experience encompassing general civil and municipal engineering projects including roadways, bridges, bridge load ratings, roundabouts, intersection and interchange design, drainage design, site design, and lighting systems design. He is also experienced in managing and coordinating survey crews for various highway, drainage, and utility relocation projects.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/2021 – Present	**Smith Road Bridge Replacement** | St. Tammany Parish, LA St. Tammany parish contracted GIS Engineering to complete a Substructure Analysis on the existing bridge to verify the structural capacity of the piles and bents. The analysis confirmed that the existing substructure was not viable and a new bridge would need to be constructed according to the DOTD Off System Bridge Guidelines. Mr. Loeske served as the Project Manager for the project responsible for project schedule and assisting with the design load calculations and QA for the project.
07/2019 – Present	**Hollywood Road Extension and Bridge** | Houma, LA Mr. Loeske serves as the Transportation Lead responsible for providing oversight for all necessary engineering and related services required to design a new bridge over Bayou Black providing a connection from M.L. King Blvd. to LA 182 via the Hollywood Road Extension. This proposed bridge will consist of 3-lanes and pedestrian facilities. Mr. Loeske assisted on the design, QA of plan and profile sheets, typical sections, summary of quantities, construction sequencing, and will serve as the Engineer of Record for this project.
09/2021 – 03/2022	**Sanchez Rd over Grand Bayou** | Lafourche Parish, LA Mr. Loeske served as a Sr. Engineer assisting with client relations, obtaining existing bridge reports and As-Builts, reviewing bridge calculations, and assisting with the design report deliverable.

09/2016 – 03/2020	**I-12: LA 21 to US 190, LADOTD** | St. Tammany Parish, LA Project Manager responsible for providing oversight for all necessary engineering and related services required to widen and rehabilitate approximately 6 miles of I-12 to the median side from a four-lane freeway to a six-lane freeway section in both East and West bound directions, including auxiliary lanes connecting Pinnacle Parkway across the Tchefuncte River to US 190. Mr. Loeske assisted on the design QA of plan and profile sheets, typical sections, summary of quantities, construction sequencing, Tchefuncte River and LA 21 **bridge** plans, and served as the Engineer of Record for this project.
07/2015 – 11/2017	**Francis Road Extension** | St. Tammany Parish, Covington, LA Project Manager responsible for coordination of the topographic survey, soil analysis, wetland assessment, USACE Jurisdictional Determination, LWF Scenic Streams permitting, wetland mitigation, and traffic analysis. Mr. Loeske also provided QA of typical sections, drainage design, bridge design, pedestrian and bicycle facilities design, and specifications. He was the Engineer of Record for this project.

Firm employed by GIS ENGINEERING LLC			Meets MPR's # 4
Name	Joshua D Gonya, PE	Years of relevant experience with this employer	2 years
Title	Bridge Division Leader	Years of relevant experience with other employer(s)	12 years

Degree(s) / Years / Specialization			BS / 2008 / Civil/Structural Engineering
Active registration number / state / expiration date			PE11700606 / IN / 07/31/2024 40859 / LA / 9/30/2024
Year registered	2016	Discipline	Professional Engineer
Contract role(s) / brief description of responsibilities			Josh serves as the Bridge Division Leader for GIS and has over fourteen years of experience in the structural design, inspection, and load rating of bridges. He has been involved in interstate, highway, and pedestrian bridge projects in many states for transportation agencies, local municipalities, port authorities, and private clients. His load rating and bridge design experience includes new construction, reconstruction, rehabilitation, and modifications of a variety of different bridge types as well as other miscellaneous structures such as manufacturing facilities, retaining walls, sign trusses and foundation systems. He has managed projects with a variety of structure types such as slab spans, timber bridges, prestressed concrete girders, long span steel trusses, vertical lift bridges, pontoon bridges, horizontally curved steel plate girders, concrete box culverts, and steel pipe culverts. Josh will serve as the **PROJECT MANAGER** for this contract. **Josh meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 4**

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).
08/2012 – 08/2017	**Mississippi Statewide Complex Bridge Load Rating & Inspection, Mississippi Office of State Aid Road Construction** | Statewide, Mississippi Lead Load Rating Engineer/ Lead Inspector. Josh was responsible for leading the tasks of load rating and inspecting over 100 bridges in 17 different Mississippi Counties per year. The inspections and load ratings were performed in accordance with NBIS, AASHTO, and MBE codes. Josh managed scheduling, personnel staffing, field inspections and load ratings for various bridge types including steel trusses, structural steel plate girders, steel railroad flatcars, reinforced concrete girders and slabs, reinforced concrete box culverts, prestressed concrete girders, and masonry arches.
09/2013 – 08/2017	**Load Rating and Posting of On-System Bridges, LADOTD** | Statewide, Louisiana Lead Load Rating Engineer. Josh was responsible for developing LRFR load rating procedures using AASHTOware BrR for superstructures, and LEAP RC Pier for substructures while working closing with LADOTD personnel. All structures were rated per AASHTO MBE utilizing LADOTD guidelines. Procedures were coordinated with LADOTD to assist in the further refinement of LADOTD BDEM Volume 5 Chapter 6 on load ratings. This project covered a wide variety of bridge superstructure types including: timber, reinforced concrete girders and slabs, prestressed concrete girders, steel trusses, steel plate girders, and steel rolled beams as well as various substructure types.

08/2017 – 09/2022	**Central Office Load Rating Contract, INDOT |** Statewide, Indiana Project Manager and Lead Load Rating Engineer. Josh oversaw the rating of multiple bridges throughout the state of Indiana. Some notable ratings include curved post-tensioned segmental, curved steel continuous girder, cold bent steel boxes, steel trusses, precast arches underfill, steel beam bridges, slab spans, and typical continuous prestressed beam bridges. Josh also provided support in the rating of many steel bridges inaccurately not rating, specifically assisting with the issue of Lateral Torsional Buckling in the negative moment region for a steel girder bridge. These ratings included new design ratings and added deterioration ratings as well as specific investigations and overrides of the preferred rating software (AASHTOware BrR).
08/2017 – 09/2021	**Various County Bridge Inventories, Counties/INDOT |** Statewide, Indiana Program Manager. Josh assumed the role of Program Manager on behalf of 7 Counties and was the Project Manager, Lead Inspector, and Lead Load Rater for this project. Josh was responsible for the Plan Search, Inspection and Load Rating of 900+ bridges yearly and supervising the load rating of all the off-system bridges in the counties. Josh was also responsible for the BIAS coding in order to stay within the INDOT mandated compliance months and provided Report Preparation and Presentation to INDOT and the individual Counties served.
07/2021 – 11/2021	**Emily St. Bridge Load Rating, Lafourche Parish |** Lafourche Parish, Louisiana Project Manager. Josh was the Project Manager, Lead Inspector, and Load Rating Engineer for this project. He coordinated plan searches, bridge inspections, developed repair recommendations and provided both as is load ratings and if repaired load ratings to Lafourche Parish for future planning.
03/2022 – ongoing	**Valentine Pontoon Bridge Replacement, Lafourche Parish |** Lafourche Parish, Louisiana Lead Bridge Designer. Josh led design efforts for the replacement of the Valentine Pontoon Bridge in Lafourche Parish. This design consists of movable steel girders supporting an open grid deck and is capable of carrying Emergency Vehicles over the bridge during both low and high tide scenarios while incorporating all design requirements from the LADOTD BDEM.
04/2022 – ongoing	**Smith Rd. Bridge Replacement, St. Tammany Parish |** St. Tammany Parish, Louisiana Project Manager and Lead Design Engineer. Josh has led the efforts to inspect, load rate, and provide replacement designs for Smith Rd. Bridge in St. Tammany Parish. The existing bridge consisted of 2 slab spans and a steel flatcar main span. This bridge was severely deteriorated and a replacement bridge consisting of LG-25 prestressed concrete girders is currently in design.
04/2022 – 07/2022	**Lebouef Ln. Bridge Load Rating, Lafourche Parish|** Lafourche Parish, Louisiana Project Manager. Josh was the Project Manager, Lead Inspector, and Load Rating Engineer for this project. He coordinated plan searches, bridge inspections, developed repair recommendations and provided both as is load ratings and if repaired load ratings to Lafourche Parish for future planning.
07/2022 – 11/2022	**Jack Eagle Bridge Load Rating, Lafourche Parish|** Lafourche Parish, Louisiana Project Manager. Josh was the Project Manager, Lead Inspector, and Load Rating Engineer for this project. He coordinated plan and data searches, bridge inspections, developed repair recommendations and provided both as is load ratings and if repaired load ratings to Lafourche Parish for future planning.

Firm employed by	GTS ENGINEERING LLC		
Name	Jacob Donnes, PE, SE	Years of relevant experience with this employer	4 year
Title	Director of Structural Engineering	Years of relevant experience with other employer(s)	17 years
Degree(s) / Years / Specialization		BS / 2004 / Civil Engineering MS / 2007 / Civil Engineering	
Active registration number / state / expiration date		37133 / LA / 09-30-2024 91327 / FL / 02-28-2023 36833 / KY / 06-30-23 58065 / MD / 08-31-23 053335 / NC / 12-31-23 20145 / AR / 12-31-23 127121 / TN / 08-31-24	
Year registered	2012 2012	Discipline	Civil Engineer Structural Engineer
Contract role(s) / brief description of responsibilities		Mr. Donnes has designed a wide range of facilities including pump stations, bridges, flood protection barge gates, flood walls, and airport terminal building for several state and local agencies. He has earned a reputation for mentoring young engineers on structural engineering concepts and the latest code requirements. He has over 17 years of structural engineering design experience encompassing offshore, industrial, and municipal engineering projects.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/2019 – Ongoing	**Hollywood Road Extension Bridge, Parish Project No. 19-BRG-25 |** Terrebonne Parish, Houma, LA Sr. Structural Engineer responsible for design of slab, pile bents, and pile foundation of bridge. The bridge is an extension of Hollywood Road and crosses Little Bayou Black between Southdown Mandalay Rd. and LA 182 (Bayou Black Drive). The project received DOTD permit on 07/2022 and is currently waiting project funding.
09/2021 – Ongoing	**Valentine Pontoon Bridge Replacement Project |** Lafourche Parish, Valentine, LA Sr. Structural Engineer and Engineer of Record responsible for the design of the pontoon bridge, apron lift towers, pivot pile system, pull pile, retaining wall, and guard rails. The project is currently awaiting final design comments.
04/2019 – On Hold	**Grand Isle State Park Improvements |** Grand Isle, LA Sr. Structural Engineer and Engineer of Record responsible for the design of the 400' fishing pier extension into the Gulf of Mexico. Mr. Donnes designed the concrete slab, concrete girders, and concrete pile foundation for the project. The project is currently on hold as the original timber pier was damaged during Hurricane Ida.

Firm employed by	GTS ENGINEERING LLC		
Name	Adam S Ellender, PE	Years of relevant experience with this employer	4 years
Title	Project Manager	Years of relevant experience with other employer(s)	N/A

Degree(s) / Years / Specialization			BS / 2018 / Civil Engineering
Active registration number / state / expiration date			47049 / LA / 03/31/2023
Year registered	2022	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities			Mr. Ellender is mainly focused on structural design. His role is to do the structural design, and calculation packages for the projects assigned to him. He has gained experience in the design of pump stations, barge gates, and concrete bridge design.

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).
05/2019 – 12/2022	**Mid Barataria Sediment Diversion, AECOM, CPRA|** Plaquemines Parish, LA Project Engineer responsible for the structural calculations for the project. The project consists of designing two concrete rail road bridge to span over the Mississippi river diversion, concrete access bridges connecting the levee crown to the railroad bridges, and railroad design for the entire project. This project will allow for water to be diverted from the Mississippi river to help rebuild marsh downstream of the new diversion. Mr. Ellender had completed the 90% structural design for the access bridges. The access bridges are concrete girder bridges that are supported by piles and the proposed T-wall (designed by others) on the levee crown. The design also includes an access bridge connecting the two railroad bridges.
06/2018 – 12/2022	**Upper Barataria Risk Reduction |** Lafourche Basin Levee District, Lafourche Parish, LA Project Engineer responsible for the structural, and hydraulic calculations for the project. This project consists of the design of a portion of the Upper Barataria Risk Reduction System, which will ultimately mitigate storm surge flooding in St. Charles, Lafourche, St. James, and St. John the Baptist Parishes. Mr. Ellender assisted in the conceptual design of 5.8 miles of Levee, including hydraulic analysis and structural design for five hydraulic interchange structures and research on required pipeline crossings. Mr. Ellender completed a 65% design for the steel barge gate, and a preliminary design for the receiving structure required in the levee alignment.
06/2018 – 11/2018	**Elliot Jones Pump Station |** Terrebonne Parish, LA Project Engineer responsible for the structural, and hydraulic calculations for the project. This project consists of the design of a 1000 cfs drainage pump station and a conveyance channel connected to Bayou Black to reduce flooding due to excessive rainfall. Mr. Ellender was researching the existing site conditions, performing the preliminary design, and preparing a preliminary report.

Firm employed by **Huval and Associates, Inc.**				**Meets MPR's # 5**
Name	**Colby J. Guidry, P.E.**		Years of experience with this firm/employer	15
Title	Vice President and Lead Engineer		Years of experience with other firm(s)/employer(s)	7
Degree(s) / Years / Specialization			08/95-05/00 Bachelor of Science, Civil Engineering	
Active registration number / state / expiration date			31338 / LA / 09/30/2024	
Year registered	2004	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**Bridge Design, Inspection, and Ratings**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Mr. Guidry came to Huval & Associates with 7 years' experience with the Federal Highway Administration (FHWA). His FHWA experience included all aspects of transportation related projects, where he was actively involved with environmental review, design, construction, and maintenance of bridges and roadways throughout Louisiana. Since joining HUVAL, he has been involved in bridge and structural design, plan preparation, bridge inspections, and construction support services. Completed the two-week FHWA approved comprehensive bridge training course for bridge inspectors, certified as a Bridge Inspection Team Leader, completed the NHI LRFR for Superstructures Course, the Work Zone Traffic Control Technician and Supervisor Courses, ATSSA Flagger Training, the NHI Design & Operation of Work Zone Traffic Control, Roadside Design Course, NHI Highway Hydraulics Course, NHI Urban Drainage Design Course, as well as many construction and environmental related courses. Very familiar with the LADOTD Bridge Design Manuals, 2002 AASHTO Bridge Specs, and the current AASHTO LRFD Bridge Specs
(01/07-Present)	**St. Martin Parish Bridge Program** - From 2007 to present, Mr. Guidry has been involved in the Inspection and Rating of Bridges for the Parish of St. Martin. This work also included the design of Bridge Repair Projects, in particular the repair of Timber Piling on Precast Bridges. Bridges included one Pontoon Bridge, one Swing Span Bridge and numerous Timber and Precast Concrete Bridges.
(01/17-Present)	**St. Landry Parish Bridge Inspection** - From 2017 to present, Mr. Guidry has been involved in the Inspection and Rating of Bridges for the Parish of St. Landry. This work also included the design of Bridge Repair Projects, in particular the repair of Timber Piling on Precast Bridges. Bridges included several Steel Railcar, Timber and Precast Concrete Bridges, as well as precast and cast in place box culverts.
(12/20 – 06/21)	**Ascension Parish 26 Bridge Ratings** – Inspected, gathered documentation, rated, provided repair plans, as well as assisted in construction rehab reviews for 26 Ascension Parish bridges. Complex analysis rating analysis allowed the bridges to remain open while repairs were planned.
(4/18 – Present)	**Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400011225** - Supervisor Engineer of Retainer Contract. Responsible for project management, coordination, project setup, QA/QC, and bridge rehab design for the $4M retainer.

(05/11 – 08/15)	**Retainer for Engineering Services for Bridge Preventive Maintenance (BRPM) - Statewide, Contract No. 440001543**-Lead Engineer of Retainer Contract. Led the Inspection and Design for 8 different Task Orders covering Preventive Maintenance Repairs for over 100 Bridges statewide in short timeframes.
(08/09– 06/15)	**Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, S.P. 700-99-0488** - Lead Engineer of Retainer Contract. Responsible for coordination, inspection team leader, project setup, bridge design, and QA/QC of Task Orders totaling approximately $8.75M over a 5-year period. Contract utilized multiple Subconsultants on all aspects of bridge design and inspection.
(03/09 – 11/12)	**I-49 Bridges (Various Segments), Under Retainer No. 4400000670** – Lead Engineer for LRFR load ratings for 18 bridges, design and final plans of over 10 bridge structures and 1 box culvert structure. Bridge types included steel girder, prestressed concrete, and slab spans. Managed several sub-consultants producing numerous bridge plans.
(01/19- Present)	**Herman Dupuis Swing Span Bridge (Movable) – St. Martin Parish** – Project Manager for the design and plan development of a new swing span bridge over alligator bayou which will replace the Butte LaRose Pontoon bridge. Design elements include all aspects of the bridge including environmental clearance, surveying, structural design, mechanical design, electrical design, hydraulic design, roadway design, and all other design elements.
(10//14 – 12/14)	**Bayou Mercier Bridge Rehabilitation, St. Martin Parish** – Project Engineer for the construction project which consisted of repairing piles, cap replacements, wingwall construction, and other miscellaneous works.
(10/14-03/15)	**St. Martin Parish Phase II Bridge Repairs, St. Martin Parish** – Project Engineer for the complete reconstruction of three concrete bridges. Construction consisted of new piles, concrete panel removal, new caps, new bulkheads, new wingwalls, new roadway approach work, new guardrail.
(10/14-05/15)	**St. Martin Parish Phase III Bridge Repairs, St. Martin Parish** – Project Engineer for the complete reconstruction of three concrete bridges. Construction consisted of new piles, concrete panel removal, new caps, new bulkheads, new wingwalls, new roadway approach work, new guardrail.
(12/15-03/16)	**Rusty Rd. Bridge Replacement, St. Martin Parish** – Assistant Project Engineer for the bridge replacement project on Rusty Rd. in St. Martin Parish. New bridge consisting of new concrete girders, new concrete caps, new concrete piles, new wingwalls, new backwalls, new approach slabs, new approach roadway, new asphalt, etc.
(12/17 – ongoing)	**Desselles Crossing Bridge Rehabilitation, Avoyelles Parish** – Project Engineer for the bridge rehabilitation project, which consists of 30 pile splices, new stringers, cap repairs, new backwalls, approach work.
(11/17-07/18)	**Surrey St. Bridge Repairs, Lafayette Parish** – Assistant Project Engineer for the repair of the Surrey St. Bridge in Lafayette. Project consisted of bearing repair and replacement, concrete riser construction, deck overlay, joint repairs, painting of steel girders with full enclosure, and miscellaneous work.

Firm employed by **Huval & Associates, Inc.**				**Meets MPR's # 5**
Name	**Reid Romero, P.E.**		Years of experience with this firm/employer	14
Title	Civil Engineer		Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization			08/04-05/08 Bachelor of Science Civil Engineering	
Active registration number / state / expiration date			37772/LA/09/30/2023	
Year registered	2013	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			**Bridge Design and Ratings**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
Mr. Romero came to HUVAL after graduating from the University of Louisiana at Lafayette in 2008. Since joining Huval & Associates, Inc., Mr. Romero has been involved in bridge and structural design, plan preparation, bridge inspections and construction support services. Mr. Romero completed several NHI training courses including Fundamentals of LRFR and Applications of LRFR for bridge superstructures course, and a Drilled Shaft LRFD design methods and construction procedures course. Mr. Romero is familiar with the LADOTD Bridge Design Manual, LADOTD LRFD Bridge Design Manual, 2002 AASHTO Bridge Specifications, as well as the current AASHTO LRFD Bridge Specifications.	
(4/18 – Present)	**Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400011225** - Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and bridge rehab design for the $4M retainer.
(5/20 – Present)	**Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400017262** - Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and bridge design for the $5M retainer.
(03/19-06/22)	**I-220/I-20 Interchange Imp & BAFB Access Design Build Project – S.P. No. H.003370** – Responsible for QA of the bridge plans and load rating for the LA 1267 bridges over I-20 and the LA 1267 bridges over the KCS Railroad. The LA 1267 structures over I-20 consist of twin bridges utilizing LG-54 p.p.c. girder spans supported by concrete column bents and drilled shafts. The LA 1267 structures over KCS Railroad consist of twin bridges utilizing LG-54 p.p.c. girder approach spans supported by concrete pile bents and a main span over the KCS Railroad consisting of 170'-0", LG-78 p.p.c. girders supported by concrete column bents and drilled shafts. Some unique challenges that the project has presented is designing applicable LA 1267 bridges over I-20 column bents for vehicular collision and completely spanning the KCS own right-of-way utilizing concrete p.p.c. girders.
(01/19-05/19)	**I-10 Loyola Design-Build Project RFP Phase 30% Design - S.P. H.011670**– Lead bridge engineer throughout the RFP design phase for this complex urban interchange. Assisted in the preparation of steel tub girder design and details, concrete box girder design and plans, as well as plans and proposal documents for the RFP phase of the project. Created dozens of computer models in order to analyze and size the steel tub girders, taking into account system redundancy. Assisted in development of alternative technical concepts, suggested sequence of construction, and miscellaneous bridge and other details. Assisted in the coordination and organization of all project data with the various members of the design team from numerous consulting firms.
(06/14-05/19)	**US 90 (I-49South), Albertson's Parkway to Ambassador Caffery, Design-Build Project, Lafayette Parish, S.P. No. H.010620.** Performed QA/QC of the LRFD bridge design calculations, LRFR load rating, and plan preparation of a BT-72 girder bridge. The new US 90 bridge over Albertson Parkway and the US 90 BNSF RR overpass bridge were built within the same footprint as the existing bridge while maintaining 4-lanes of US 90 traffic during construction. This presented

	continuous p.p.c. girders spans supported by concrete column bents and pile footings. The developed design concept saved millions of dollars and allowed the James Team to be 15% below the construction estimate of the nearest competitor.
(7/17-8/20)	**I-10: Highland Road to LA 73, Design Build Project, East Baton Rouge & Ascension Parish, S.P. No. H.009250**. Led the design, plan preparation, and load rating for the repair of the prestressed girder bridge on LA 928. Performed QA/QC of the LRFD design calculations and load rating for the steel girder bridge at Highland road and the slab span widening at Bayou Manchac. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes. An innovative sequence of construction scheme and bridge design enabled construction of this bridge while maintaining 74,000 ADT traffic. Huval's cost-effective designs enabled its design-build team to be the only competitor to fit within the Owner's budget of $72 million.
(10/19-current)	**New Swing Span- Herman Dupuis RD. Pontoon BR. Replacement, St. Martin, LA, Bridge Recall 200896**– Lead structural engineer for the bridge design and plan development of a new swing span bridge over alligator bayou which will replace the Butte LaRose Pontoon bridge. Project is currently under construction. Designed, detailed, and sealed final plans, specifications, calculations, load rating and cost estimates for all structural elements.
(11/17-07/18)	**Surrey St. Bridge Repairs, Lafayette Parish** – Lead Engineer for the repair of the Surrey St. Bridge in Lafayette. Project consisted of bearing repair and replacement, concrete riser construction, deck overlay, joint repairs, painting of steel girders with full enclosure, and miscellaneous work.
(03/11-06/13)	**I-49 Segment I Ratings, S.P. 701-65-9999** – Performed as-designed LRFR calculations on two prestressed girder bridges. Utilized VIRTIS to model varying girder spans. Created rating reports for each span configuration. Developed bridge load rating summary sheets. Provided construction services on an as-needed basis.
(01/12– 11/13)	**I-49 North Segment J (MLK Blvd. to LA 1), S.P. H.003496.5**– Performed LRFD design calculations and led plan preparation on two prestressed girder and steel girder bridges. Performed approach slab design, girder design check using LEAP Conspan, cap and column design check using LEAP RC Pier, steel girder design check using MDX, deck and overhang reinforcing design check, strip seal joint opening calculations, quantity calculations and QA/QC, and elevation calculations Mr. Romero also provided load rating of the completed structure.
(03/09-11/10)	**I-49 North (LA 1 – LA 173), S.P. 701-65-1230 & S.P. 701-65-1349**– Assisted in plan preparation and performed LRFD design calculations on a Type BT Prestressed Girder Bridge and a Type IV Prestressed Girder Bridge. Performed fixed and expansion bearing pad design, deck and overhang reinforcing design, quantity calculations and QA/QC, strip seal joint opening calculations, girder design check using LEAP Conspan, cap and column design check using LEAP RC Pier, and elevation checks.

Firm employed by **Huval & Associates, Inc.**			
Name	**Justin Peltier, P.E.**	Years of experience with this firm/employer	9.5
Title	Civil Engineer	Years of experience with other firm(s)/employer(s)	8

Degree(s) / Years / Specialization			08/01-05/05 Bachelor of Science Civil Engineering
Active registration number / state / expiration date			34765/LA/09/30/2023
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			**Bridge Design & Ratings**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
	Mr. Peltier joined Huval & Associates in 2013 with 8 years of experience in civil engineering. Previously employed with LADOTD, he was involved with the design, live load rating, plan development, and construction support of more than 20 bridge replacement projects. These consisted of various superstructure and substructure types including but not limited to: AASHTO p.p.c. girders, quadbeams, cast-in-place slab spans, precast slab spans, steel girders, steel swing spans, concrete box culverts, p.p.c. pile bents, steel H-pile and pipe pile bents, timber pile bents and column bents supported by drilled shafts and/or p.p.c. pile footings. Mr. Peltier assisted in developing and maintaining LADOTD's highway safety hardware details and specifications, including but not limited to guard rail, barrier rail, and crash cushion attenuators. He served as the Engineer of Record for the LADOTD concrete barrier rail and the detour bridge special details. Mr. Peltier's training includes the NHI LRFR for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for Highway Bridge Substructure Course, the Roadside Design Course, ATSSA Traffic Control Technician and Supervisor Course.
(09/20-Present)	**I-10: LA 415 To Essen Lane on I-10 and I-12 CMAR – S.P. H.004100** – Serving as the lead bridge engineer and overall structures team lead for this $1 billion project to widen I-10 in the heavily congested section through Baton Rouge. This very complex project will replace existing bridges in the urban area within an extremely constrained right of way while maintaining the existing traffic flow on I-10 through the construction zone. Roles include bridge design, plan development, **load rating**, structure rehabilitation, alternative bridge concepts development, construction sequencing, contractor style cost estimates, managing the bridge and structural design and plan production process, leading bi-weekly structures task force meetings, and implementing the bridge design QC/QA process. Ratings performed in AASHTOware.
(09/19-06/20)	**Airport Connector Road and Bridge, Lafourche Parish, S.P. No. H.011915.** Served as the lead bridge design and **load rating** engineer for a new lift span movable bridge over Bayou Lafourche in Galliano, LA. The bridge required a minimum horizontal and vertical clearance of 70ft and 73ft and a clear roadway width of 42ft with 5ft sidewalks on each side. The project presented unique challenges in that the horizontal clearance is skewed with respect to the bridge alignment and the mean high-water level is approximately 1ft below the existing ground at LA 1 and LA 308. The design included steel lifting girders, steel floor beams and stringers, concrete towers, footings, piers and machinery decks. The design was performed in accordance with the AASHTO LRFD Movable Bridge Design Specifications the LADOTD BDEM. Also responsible for the design of the concrete approach slab spans. Ratings performed in AASHTOware.

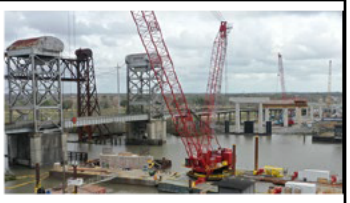
(06/14-04/19)	**US 90 (I-49South), Albertson's Parkway to Ambassador Caffery, Design-Build Project, Lafayette Parish, S.P. No. H.010620.** Served as the lead bridge and **load rating** engineer for the new US 90 bridge over Albertson Parkway and provided Q.C. for the US 90 BNSF RR overpass bridge within the same footprint as the existing bridge while maintaining 4-lanes of US 90 traffic during construction. This presented unique design challenges and required a complex, three-phase, traffic control and construction sequencing plan to move traffic safely through the tight work zone. The bridges consisted of multi-continuous p.p.c. girders spans supported by concrete column bents and pile footings. The developed design concept saved millions of dollars and allowed the James Team to be 15% below the bids of the nearest competitor. Ratings performed in AASHTOware.
(07/17-08/20)	**I-10: Highland Road to LA 73, Design Build Project, East Baton Rouge & Ascension Parish, S.P. No. H.009250**. Served as the lead bridge and **load rating** engineer for the widening of the I-10 E.B. and W.B. slab span bridges over Manchac Bayou and provided Q.C. for the replacement of the I-10 E.B. and W.B. bridges over Highland Road with a new steel plate girder bridge with p.p.c girder approach spans. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes. An innovative sequence of construction scheme and bridge design enabled construction of this bridge while maintaining 74,000 ADT traffic. Ratings performed in AASHTOware.
(03/19-Present)	**I-220/I-20 Interchange IMP & Barksdale Access Design-Build Project, Bossier Parish, LA DOTD S.P. No. H.003370.** Currently the bridge design manager and lead bridge design and **load rating** engineer for the I-220 bridges over I-20 and Barksdale Access Road bridges over the KCS Railroad and also responsible for implementing the QC/QA plan for the bridge design and plan development process. The I-220 structures over I-20 consist of twin bridges utilizing LG-54 p.p.c. girder spans supported by concrete column bents and drilled shafts. The Barksdale Access Road structures consist of twin bridges utilizing LG-54 p.p.c. girder approach spans supported by concrete pile bents and a main span over the KCS Railroad consisting of 170'-0", LG-78 p.p.c. girders supported by concrete column bents and drilled shafts. Some unique challenges that the project has presented is designing applicable I-220 bridge column bents for vehicular collision and completely spanning the KCS own right-of-way utilizing concrete p.p.c. girders. Ratings performed in AASHTOware.
(04/18 -Present)	**I-49 South at Verot School Road, Lafayette, LA, S.P. H.011235, 2016-Present.** Serving as the lead bridge and **load rating** engineer to provide preliminary and final engineering and related services to construct 2.4 miles of mainline freeway and an interchange at the intersection of I-49 South/US 90 and Verot School Road. The project consists of an above grade bridge structure on Verot School Road that traverses over the I-49 South/US 90 mainline roadway over and parallel to the BNSF RR. The project also includes one-way frontage roads on both sides of the mainline roadway, a two-way collector service road east of the mainline roadway, and a new alignment of Verot School Road from the interchange to an existing bridge structure approximately 600' west of its intersection with LA 182 (Pinhook Road). Ratings performed in AASHTOware.
(10/16-12/17)	**LA 443: Tangipahoa River Bridge Replacement, S.P. H.012728** - Lead engineer in the LRFD design, LRFR **load rating**, and plan preparation of a LG-25 and LG-36 p.p.c. girder bridge. This was an emergency replacement, due to the flood of 2016, and 100% final plans were completed in 8 weeks.

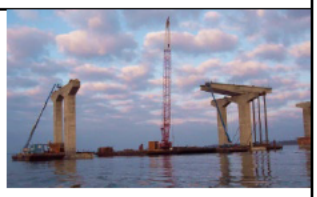
Firm employed by **Huval & Associates, Inc.**			
Name	**Rudolph (Rudy) Mclellan, P.E.**	Years of experience with this employer	4
Title	Senior Design Engineer	Years of experience with other employer(s)	41

Degree(s) / Years / Specialization	B.S., Civil Engineering with Honors, University of Florida, 1976 Master of Engineering in Structures, University of Florida, 1977 Post Graduate Studies in Structures, Louisiana State University, 1997
Active registration number / state / expiration date	19994/LA/03/31/2024 31148/FL/02/28/2023
Year registered: 1981 and 1982 — Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	**Complex Bridge Design/Rating**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).

Mr. McLellan has over 40 years of experience in every facet of **Complex Bridge Design/Rating** and structural design in over 14 states including Louisiana, Texas, Mississippi, Alabama & Florida. He is experienced in **Complex Bridge Design/Rating** including movable bridge design and rating and has been responsible for studies, preliminary and final design, preparation of plans and specifications, cost estimate for highway and railroad fixed and movable bridge projects, flood control structure and special or complex structures, including field inspections and investigative studies. Mr. McLellan has been the chief structural engineer for the **Complex Bridge Design/Rating** of four movable bridge projects, including the Award Winning Double Leaf Fixed Trunnion Bascule Bridge in Louisa, Louisiana.

(09/18-Present)	**Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project, Plaquemines Parish, Louisiana, Project No. H.004791** – The bridge includes the fixed high level continuous steel plate girders having spans of 160' – 175' – 160' over the Intercoastal Waterway (ICWW). The project included a vessel collision design for the waterway main piers. Mr. McLellan performed final **Bridge Design** calculations for the ICWW Main Piers and provided QA/QC for all bridge designs. 
(05/19-Present)	**I-220/I-20 Interchange IMP & BAFB Access Design-Build Project, Louisiana, S.P. H.003370 –** Mr. McLellan served as Design Quality Manager on this Design-Build project which will provide direct access to Barksdale Air Force Base from the I-220/I-20 Interchange. Mr. McLellan performed the Quality Assurance for the project including the Independent Check requiring **Bridge Design** calculations of the I-220 / I20 Overpass bridges and Bridges over the KCS Railroad on the project.
(04/96-7/99)	**S.P. 239-01-0077 LA Highway 319 Intracoastal Waterway Bridge Louisa, St. Mary Parish, Louisiana** - Mr. McLellan performed preliminary & final **Complex Bridge Design** calculations for all superstructure and substructure members of the constructed 276 foot double leaf fixed trunnion bascule movable bridge. The Louisa Bridge is the state's longest steel girder double leaf bascule bridge, is one of the longest span of its type constructed in the nation and is the recipient of the National Steel Bridge Alliance's 2007 Prize Bridge Award Winner in the movable span category. 

(04/09-01/14)	**S.P. 840-43-0001 US 71 & US 165 Fort Buhlow Bridge & Approaches Over The Red River, Rapides Parish, Louisiana.** Structural Engineer - Mr. McLellan performed final **Complex Bridge Design** calculations for all superstructure and substructure members of the constructed twin fixed high level three span continuous steel plate girders having spans 300' - 400' - 300' and the Main River Piers which are designed for marine vessel (Barge) collision.
(01/87-Present)	**Old Mississippi River Railroad Bridge and Tunnel (Old U.S. 80), Vicksburg, Mississippi and Delta, Louisiana** - Mr. McLellan performed **Complex Bridge Design/Rating** including bridge safety and repair inspection, bridge load rating and structure maintenance and repair plans repairs for the existing combination highway and railway through truss, the approach deck girder bridge and the concrete tunnel structure. He performed the bridge repair designs, plans, constructability reviews and cost estimates for structural steel removal and replacement, girder strengthening, truss span vertical jacking, pier concrete removal and replacement. 
(01/06 - 03/06)	**Project No. ER/BR-0003-01(098) US-90 Across St. Louis Bay, Hancock and Harrison Counties, Mississippi** – Mr. McLellan performed the **Complex Bridge Design** for all bridge design build documents and design build services for the superstructure and substructure members of the constructed precast post-tensioned concrete segmental variable depth modified bulb tee channel spans 200'–250'–200' and piers supported with deep pile waterline footings. 
(09/95-7/01)	**Project No. BRDP-9205-00(003) Mississippi River Bridge US 82 Greenville, Mississippi** – Mr. McLellan performed the **Complex Bridge Design**, quality review of plans, constructability, cost estimates and final calculations for the post-tensioned concrete segmental alternate and steel composite alternate of the 1,378 foot cable stayed main navigational span. He performed the **Complex Bridge Design** for most of the constructed steel composite main span, river piers supported on dredge caisson type foundations & the anchor span piers with drilled shaft footings. 
(03/85 - 01/94)	**I-49 / LA 3132 and I-49 / I-20 Interchanges, Shreveport, Louisiana, S.P. 455-08-23 & 455-08-20** - Mr. McLellan performed the **Complex Bridge Design**, quality review of plans, constructability, cost estimates & final calculations for most of the constructed members consisting of curved continuous steel trapezoidal box girders with spans to 250', steel box framed in cap beams, the post-tensioned concrete delta shaped central (tree) pier and architecturally flared piers of both the constructed four-level bridge interchanges. 
(04/83-07/86)	**BH-015-1(81) & (87) Mississippi River Bridge Parallel Crossing between Natchez, MS and Vidalia, LA and the Railroad Bridge Overpass in Natchez, MS.** Mr. McLellan performed **Complex Bridge Design/Rating** for the twin, five span, multiple cantilever through truss bridge with spans to 875' over the Mississippi River. Mr. McLellan performed the final structural design and rating calculations for all superstructure and substructure members of the constructed railroad bridge overpass with steel girder spans over the highways. 

Firm employed by	WTAA ENGINEERS		
Name	Sushil K. Jain, P.E. Senior Civil Engineer	Years of relevant experience with this employer	20 years
Title	Project Manager	Years of relevant experience with other employer(s)	30 years

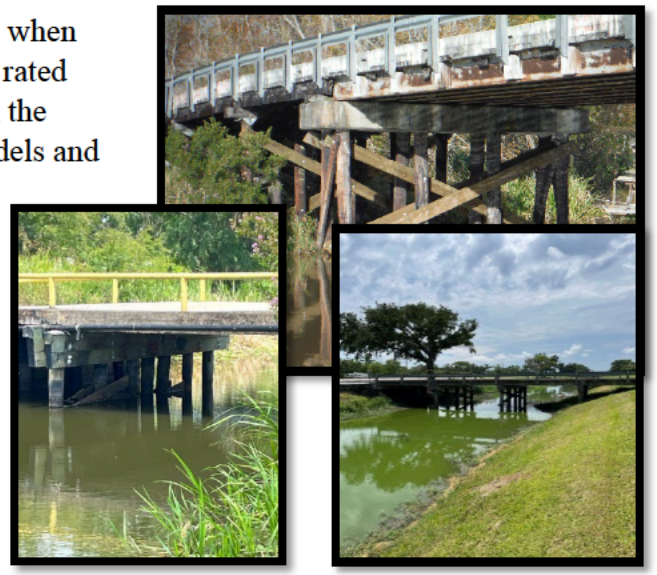
Degree(s) / Years / Specialization			BS / 1960 / Civil Engineering
Active registration number / state / expiration date			15712 / LA / 09-30-2024
Year registered	1986	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities			Mr. Jain has developed, delivered, and managed complex roadway projects for LADOTD and several state and local agencies. He has earned a reputation for leading diverse project teams that deliver value to the client and meet proposed schedules while providing exceptional client service towards the common vision and goals. He has over 15 years of engineering design experience encompassing general civil and municipal engineering projects including roadway, intersection, and interchange design, drainage design, site design, lighting systems design, and levee construction. He is also experienced in managing and coordinating survey crews for various highway, drainage, and utility relocation projects.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/2010 – 03/2012	**East McKinley Street Bridge Replacement** Designed Box Culvert under bridge accommodating 2 lanes of street traffic. He was the lead civil engineer in design of 10' x 10' box culvert for Hurricane Creek Canal.
06/1999-09/2022	**New Orleans Box Culverts** He designed Major box culverts 10' X 13' on Orleans and Claiborne Street for the City of New Orleans for storms drainage flow in preparation for new street construction.
03/2002-08/2004	**Shreveport Bridge Improvements** The design of south Lakeshore Drive Bridge improvements in the City of Shreveport, LA. This two lane traffic artery was high property for the City. served as the Engineer of Record for this project.
06/2014 – 01/2021	**Baton Rouge Wood Bridge Replacement** Sushil led in the civil and Structural design of the Victoria Street Bridge replacement. The bridge was destroyed due to the flood of 2016. This wooden bridge was replaced with two 9' 9' box culverts.

17. Firm Experience:

Firm name			Past Performance Evaluation Discipline(s)*	**Bridge**	
Project name	Lafourche Off-System Bridge Load Rating Project		Firm responsibility (prime or sub?)	Prime	
Project number	1280	Owner's name	Lafourche Parish Government		
Project location	Lafourche Parish		Owner's Project Manager	Aaron Frymoyer	
Owner's address, phone, email	402 Green Street, Thibodaux, LA 70301, (985)532-8235, frymoyerar@lafourchegov.org				
Services commenced by this firm (mm/yy)	07/21	Total consultant contract cost ($1,000's)		$25	
Services completed by this firm (mm/yy)		Cost of consultant services provided by this firm ($1,000's)		$25	

GIS provides the services of **Project Management**, **Load Rating**, and **Bridge Inspection** when necessary for the successful completion of load ratings. All bridges in this project are load rated according to the AASHTO MBE and in accordance with LADOTD guidelines provided in the BDEM. Project Manager. Load ratings are completed by performing system structural models and analysis of the bridges to determine dead and live load effects in all structural members using approved software (AASHTOwareBrDR, RC Pier, Excel, etc.). A 3-D structural model is used when deemed necessary to get accurate results. These load ratings include several structure types such as slab spans, timber bridges, prestressed concrete girders, long span steel trusses, vertical lift bridges, pontoon bridges, horizontally curved steel plate girders, concrete box culverts, and steel pipe culverts. All bridges are analyzed for design load, legal loads, SHV's, emergency vehicles, and LADOTD State Legal Loads.



Key Project Members: Joshua Gonya, PE, Jacob Donnes, PE, SE,

Jacob Loeske, PE, LSI

Firm name		Past Performance Evaluation Discipline(s)*	**Bridge**
Project name	Hollywood Bridge Design and Load Rating	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Terrebonne Parish Consolidated Government
Lafourche Parish	Houma, LA	Owner's Project Manager	Jeanne Bray
Owner's address, phone, email	8026 W Main St #101, Houma, LA 70360, (985) 868-5050, jbray@tpcg.org		
Services commenced by this firm (mm/yy)	07/2019	Total consultant contract cost ($1,000's)	$285
Services completed by this firm (mm/yy)		Cost of consultant services provided by this firm ($1,000's)	

GIS provided the Professional Engineering Services of **Bridge Design** and **Load Rating** to the Terrebonne Parish Consolidated Government (TPCG) for the Hollywood Road Extension Bridge Project, which included extension of Hollywood Road from Southdown Mandalay Road across Bayou Black to LA 182 by way of construction of a new bridge.

GIS coordinated with Geotechnical engineers and conducted site investigations in order to provide the best fit substructure design. GIS worked closely with LADOTD's District traffic Engineer in order to provide an adequate and approved intersection configuration.

This project required the design and as-designed load rating of a continuous reinforced concrete slab span supported by reinforced concrete caps and founded on prestressed precast concrete piles. GIS also submitted preliminary reports and summary of findings reports to the Parish. In addition to utilizing LADOTD's BDEM for the bridge design, GIS followed the LADOTD Off-System Bridge Policies as well. The as-designed **Load Rating** was completed utilizing AASHTOwareBrDR for the reinforced concrete superstructure and RC Pier and spreadsheets for the reinforced concrete caps and referenced all pertinent information in the LADOTD BDEM specifically Part II, Volume 5, Chapter 6.

Key Project Members: Joshua Gonya, PE, Jacob Donnes, PE, SE,

Jacob Loeske, PE, LSI

Firm name		Past Performance Evaluation Discipline(s)*	**Bridge**
Project name	Sanchez Rd over Grand Bayou	Firm responsibility (prime or sub?)	Prime
Project number	1280-2001	Owner's name	Lafourche Parish Government
Project location	Lafourche Parish	Owner's Project Manager	Aaron Frymoyer
Owner's address, phone, email	402 Green Street, Thibodaux, LA 70301, (985)532-8235, frymoyerar@lafourchegov.org		
Services commenced by this firm (mm/yy)	09/21	Total consultant contract cost ($1,000's)	$30
Services completed by this firm (mm/yy)	03/22	Cost of consultant services provided by this firm ($1,000's)	$30

GIS provided the services of **Project Management**, **Bridge Inspection**, **Load Rating**, and designed bridge repairs for the existing bridge carrying Sanchez Road over Grand Bayou. This bridge was inspected and load rated according to the AASHTO MBE and in accordance with LADOTD guidelines provided in the BDEM.

Sanchez bridge is a seven span superstructure made up of six timber girder approach spans and a main span supported by rolled steel girders. The bridge superstructure is supported by timber abutments and reinforced concrete pier caps all founded on timber piles. The bridge was built in 1955 and showed significant signs of deterioration.

As built plans do not exist for this bridge and there was no economical way to investigate the reinforcing in the superstructure slab. Field measurements were taken of all structural elements for the purpose of load rating all bridge elements. The latest available LADOTD bridge inspection report was utilized as a baseline. An inspection was performed by GIS to verify the information provided in the LADOTD inspection report. GIS's inspection findings provided key measurements for the load rating and verified that the current condition of the bridge was accurately represented in the LADOTD inspection report.

The bridge superstructure was found to be in satisfactory condition; however, the substructure was deemed serious. After completing the bridge inspection and subsequent load rating it was determined that a substructure repair must be completed. The GIS team worked diligently and quickly to design a retrofit to correct the condition of the substructure and relieve the severe structural issues that the bridge was having. GIS also coordinated with Lafourche Parish to develop other non-immediate repair recommendations.
Key Project Members: Jacob Loeske, PE, LSI, Joshua Gonya, PE

Firm name	GIS ENGINEERING LLC		Past Performance Evaluation Discipline(s)*	**Bridge**	
Project name	Valentine Bridge Replacement and Load Rating			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Lafourche Parish Government		
Project location	Lafourche Parish		Owner's Project Manager	Archie Chaisson, III	
Owner's address, phone, email	402 Green Street, Thibodaux, LA 70301, (985)532-8235, chaissonap@lafourchegov.org				
Services commenced by this firm (mm/yy)	09/21	Total consultant contract cost ($1,000's)		$1,115	
Services completed by this firm (mm/yy)		Cost of consultant services provided by this firm ($1,000's)		$5,000	

Lafourche Parish Government will replace the existing Valentine Pontoon Bridge located in Valentine, LA which has been out of service since 2017. The existing bridge will be fully removed and a new bridge will be constructed in its place. The new **Bridge Design** by GIS proposes that the bridge will be upgraded to consist of a wider 32' width to allow for DOTD standard 12' lane width, pedestrian walkway, and safe two-way traffic. The proposed bridge will have an as-designed **Load Rating** that allows for emergency vehicle traffic via the bridge such as Lafourche Parish ambulances and firetrucks. The mechanical system will incorporate updated winching standards as to remove the winch from being suspended across the marine channel throughout the operation of the bridge. This will eliminate a great hazard associated with typical pontoon bridges.

GIS Engineering has led the way with planning, **Data Collection**, initial **Bridge Inspections**, **Bridge Design**, environmental compliance (permitting), surveying (topographic/hydrographic), grant applications (successful application awarded $2.6M in RAISE Grant funds), and coordinating geotechnical, electrical, mechanical, utility relocation, & LADOTD activities. GIS will also provide future service such as public bid support and construction management services inclusive of construction administration and construction inspection.

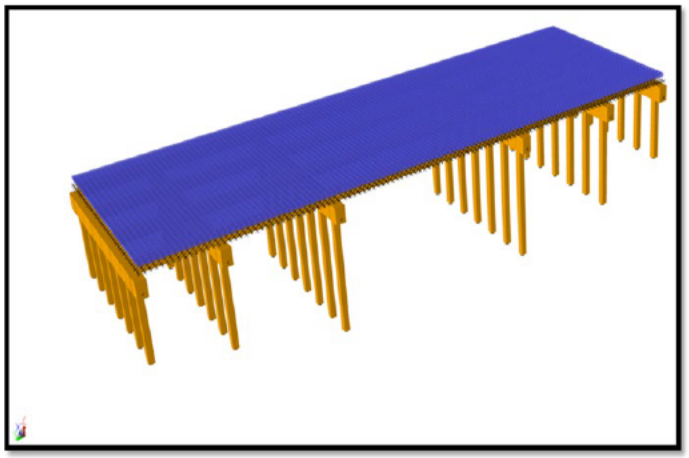
Key Project Members: Joshua Gonya, PE, Jacob Donnes, PE, SE,

Jacob Loeske, PE, LSI

Firm name			Past Performance Evaluation Discipline(s)*	**Bridge**	
Project name	Smith Rd Bridge Replacement and Load Rating			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	St. Tammany Parish Government		
Project location	St. Tammany Parish		Owner's Project Manager	Chris Corvers	
Owner's address, phone, email	21490 Koop Drive, Mandeville, LA 70471, (985) 898-2552, cjcorvers@stpgov.org				
Services commenced by this firm (mm/yy)	07/21	Total consultant contract cost ($1,000's)		$259	
Services completed by this firm (mm/yy)		Cost of consultant services provided by this firm ($1,000's)		$2,200	

GIS is providing the services of **Project Management**, **Bridge Design**, and as-designed **Load Rating**. The existing bridge on Smith Road in St. Tammany Parish was constructed in 2001 and consists of two slab span approach spans and a rail car main span supported by reinforced concrete caps founded on PPC piles. This bridge is severely deteriorated and has issues related to traffic crashes because it lies in an S-curve with non-adequate sight distances. The bridge spans the Little Bogue Falaya river. St. Tammany parish contracted GIS Engineering to complete a Substructure Analysis on the existing bridge to verify the structural capacity of the piles and bents. The analysis confirmed that the existing substructure was not viable and a new bridge would need to be constructed according to the DOTD Off-System Bridge Guidelines. Smith Road connects Louisiana State Highways 1031 and 1032 and provides access for the residences along its route. The skewed intersections at each of the State Highways provide a safety risk for drivers.

This bridge currently sits in an S-curve and has very little sight distance, leading to a number of vehicular crashes at the bridge site. GIS has provided St. Tammany Parish with an alternate alignment that will alleviate the number of crashes and increase safety at the bridge site. The new bridge design consist of LG-25 prestressed girders supported by reinforced concrete caps founded on prestressed precast concrete piles. This design is being completed utilizing LADOTD's BDEM and in accordance with the latest version of AASTHO LRFD manual. The project will include a Corridor Survey, ROW Mapping, Permitting, Geotechnical Investigation, Drainage Analysis, Horizontal and Vertical Geometry, Utility Coordination, and Final Construction Documents.



Key Project Members: Joshua Gonya, PE, Jacob Loeske, PE, LSI

Firm name	**Huval & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	**Bridge**	
Project name	**Ascension Parish – 26 Bridge Load Ratings**		Firm responsibility (prime or sub?)	Prime	
Project number	N/A	Owner's name	Ascension Parish Government		
Project location	Ascension Parish, LA		Owner's Project Manager	**Joey Tureau, P.E.**	
Owner's address, phone, email	42077 Church Point Rd., Gonzales, LA 70307				
Services commenced by this firm (mm/yy)	01/21	Total consultant contract cost ($1,000's)		$88	
Services completed by this firm (mm/yy)	04/21	Cost of consultant services provided by this firm ($1,000's)		$88	

Huval & Associates, Inc. (HUVAL) was contracted to provide load rating services for 26 bridges in Ascension Parish. Under this agreement, HUVAL mobilized and provided inspectors and engineers to gather information and data necessary to load rate the bridges. During the load rating process, HUVAL also made recommendations for bridge repairs and modifications which would allow for larger load limits than the current condition allowed. Bridge types inspected and load rated included bridges that are comprised of timber, concrete, steel, concrete decks with timber piles and caps, and other combinations. A few box culverts were also inspected and load rated as part of the project. Repair priorities were also provided so the Parish could program repairs in an efficient manner.

As part of the rating process, HUVAL was creative in the methods used to analyze the bridges in order to allow some bridges to remain open while repair procedures were developed.

Key Project Members:
Colby Guidry, PE, Project Manager
Justin Peltier, Bridge Design Engineer

Firm name	**Huval & Associates, Inc.**			Past Performance Evaluation Discipline(s)*	**Bridge**
Project name	**Retainer Contract for Bridge Preservation Statewide**			Firm responsibility (prime or sub?)	Prime
Project number	4400002537	Owner's name	LADOTD		
Project location	Louisiana Statewide			Owner's Project Manager	**Kurt Brauner, P.E.**
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804-9245, (225) 379-1933, Kurt.Brauner@la.gov				
Services commenced by this firm (mm/yy)		08/12	Total consultant contract cost ($1,000's)		$6,000
Services completed by this firm (mm/yy)		07/17	Cost of consultant services provided by this firm ($1,000's)		$4,800

As the Prime, HUVAL is responsible for Preliminary and Final Plans, Surveying Services, Bridge/Structural Inspection and Evaluation, Design Peer Review, Load Rating of Bridges, and Construction Services. Projects performed using LRFD and LRFR design. Completed and On-going Task Orders include:

Bayou Tigre Rack and Pinion Dispute, T.O. H.002751.6: Independent Review of LADOTD's design, contract plans, specifications, construction-related services, field measurements of rack and gear installation, and related documents, as well as reviewing the contractor's fabrication and installation of the bridge machinery. Following review, a non-biased position statement regarding the dispute between LADOTD and contractor was issued.

LA 182 & LA 58 Movable Bridge Rehab, T. O. H.010006.5: Preliminary Plans for two movable bridges in Lafourche and Terrebonne Parishes including rehabilitation necessary for bridges to remain in service for 30-40 additional years. Includes structural, mechanical, electrical, architectural, and paint system and concrete surface improvement.

Jeanerette End Wedge Repair, T.O. 009467.5: Site Visit and Evaluation, Preliminary Plans and Final Plans for the rehabilitation of this swing span bridge on LA 671 in Iberia Parish. The intent of this Project is to correct any mechanical and electrical deficiencies of the bridge end wedge system, balance wheels, live load shoes, and center pivot bearing.

Bayou Lafourche Bridge, T.O. H.000174: Final Plans, Design Calculations and Structural Monitoring Instrumentation for this slab span bridge structure in Ouachita and Richland Parish. Structural Monitoring Instrumentation is being performed by a Sub-Consultant to Huval. The AccelBridge System was used as the post-tensioning method to achieve the required compression force between the transverse deck panel joints.

KCS Railroad Overpass near Ada, T.O. H.000126: Engineering Construction Services for the KCS Overpass Bridge as well as developing self-curing admixture (SCA) and underwater self-consolidating concrete (UWSCC) for the trial deck and drilled shafts and providing construction support of using these materials for the KCS overpass bridge.

I-10: Ramah – WBR P/L, T.O. H.010318: Final Plans for phased replacement of eight existing 20ft. approach slabs with new 40ft. reinforced concrete approach slabs along I-10 in Iberville Parish.

***Team Members to be Utilized on Retainer*:**

David S. Huval, Sr., Supervisor Engineer
Thomas Gattle, Project Manager/Lead Design
Colby Guidry, Lead Bridge Design, Ratings, Bridge Inspections
Justin Peltier, Bridge Design, Inspections
Malcolm Huval, Movable Bridge Design, Construction Support
Lee Hupperich, Movable Bridge Design
Reid Romero, Bridge Design, Ratings

Huval & Associates, Inc. is performing **100%** of the work for this project in the State of Louisiana.

Firm name	**Huval & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	**Bridge**	
Project name	**Retainer Contract for Bridge Preventative Maintenance (Design, Ratings, Rehab)**		Firm responsibility (prime or sub?)	Prime	
Project number	400000670	Owner's name	LADOTD		
Project location	Louisiana Statewide		Owner's Project Manager	**Zhengzheng "Jenny" Fu, P.E.**	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804-9245 (225)379-1321				
Services commenced by this firm (mm/yy)	08/09	Total consultant contract cost ($1,000's)		$8,750	
Services completed by this firm (mm/yy)	01/18	Cost of consultant services provided by this firm ($1,000's)		$4,676	

As the Prime, HUVAL is responsible for Inspection, Preliminary and Final Plans, Surveying Services, Non-Destructive Load Testing and Analysis and Load Rating of Bridges, using LRFD and LRFR design. Completed and On-going Task Orders include:

LA 70 Sunshine Bridge Painting and Repair, T.O. H.004890.5 / Legacy No. 701-65-1566: Inspection and Scoping for the Repair and Painting of the Sunshine Bridge Approaches.

LA 70 Sunshine Bridge – Phase II, T.O. H.009104:
In-depth inspection and rating report, Preliminary and Final Plans for the rehabilitation of the Sunshine Bridge Main Truss Span over the Mississippi River.

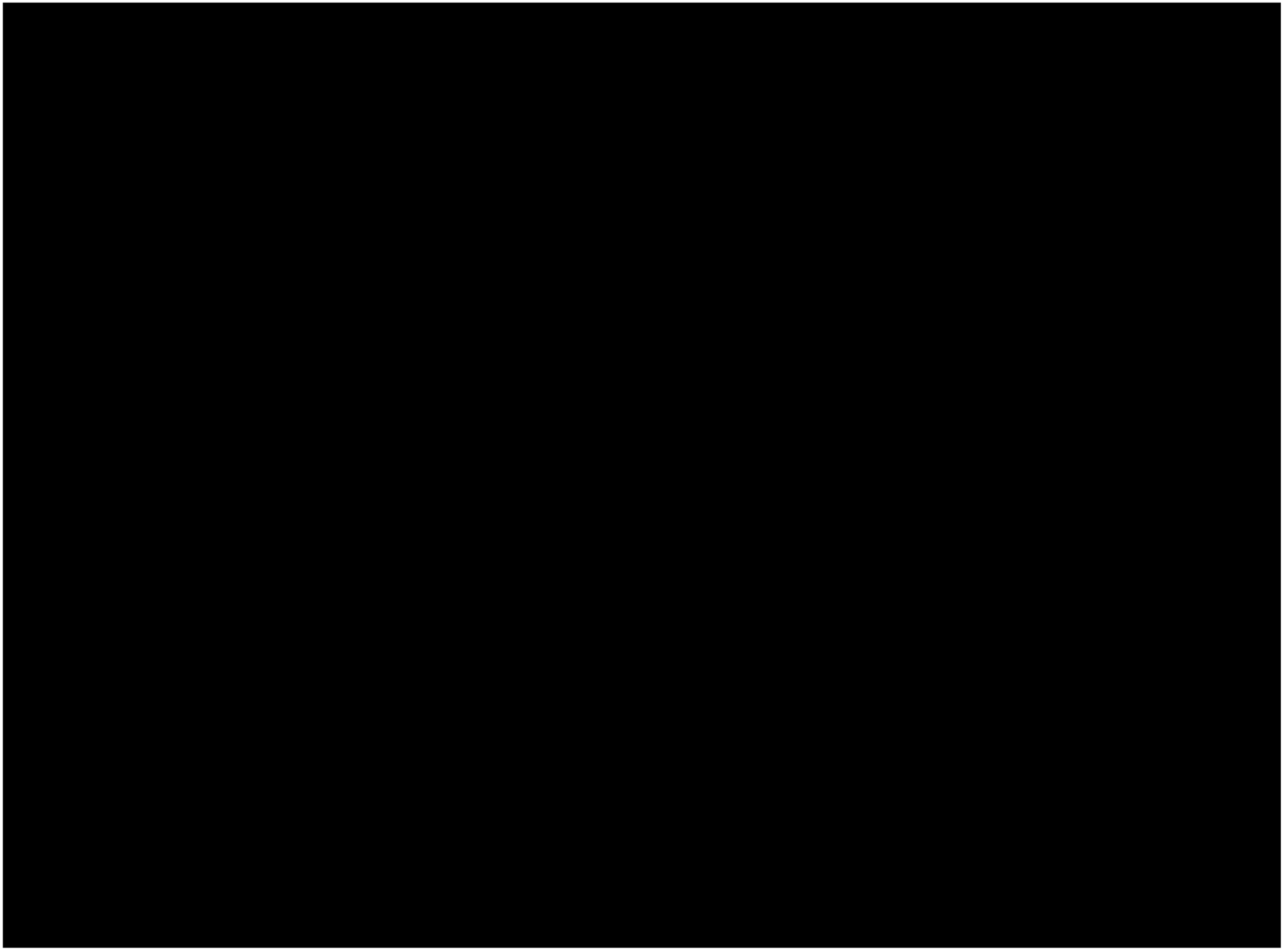
Segment I Ratings and LA 538 Construction Support, T.O. 701-65-9999: Inspection and LRFR as-designed load ratings for five bridge/tunnel sites. Construction Support and Shop Drawing Review for the LA 538 bridge over I-49.

Jackson Street Bridge over Red River T.O. H.000579.5 / Legacy No. 701-65-1453: In-Depth Inspection and Report, Preliminary and Final Plans for the rehabilitation of the Jackson Street Bridge over Red River. Jackson Street Bridge is a Lift Span Bridge.

I-49 North (LA 530 – LA 170) Segment F Ratings and Construction Support, T.O. H.003499.6: Bridge LRFR load ratings and Construction Engineering Support Services for two bridge sites.

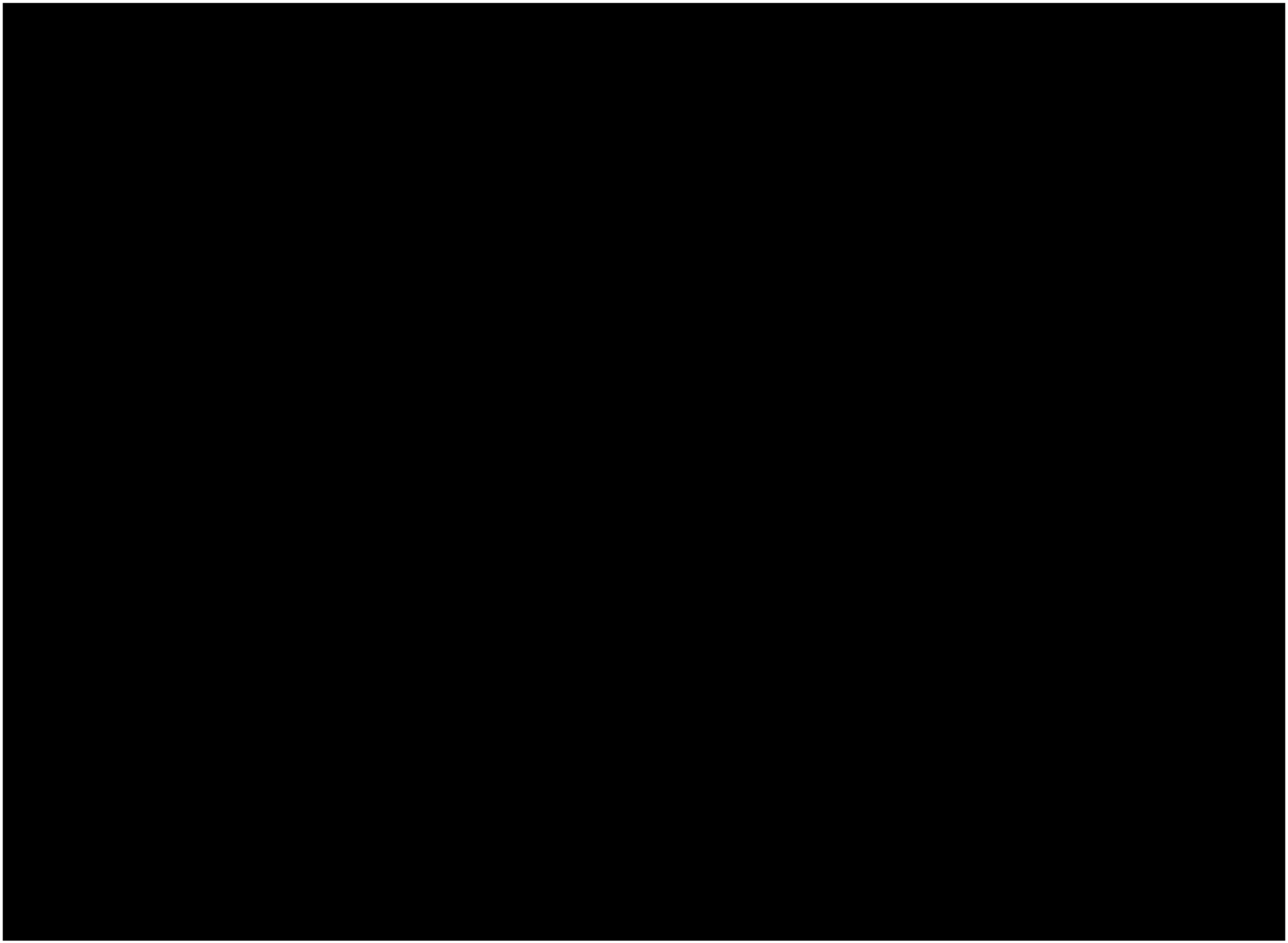
US 90B / I-910 MacArthur Drive Interchange Completion, T.O. H.002550: Peer Review for the girder design of the on and off ramps associated with US 90 / I-910.

Key Project Members:
David Huval Sr., PE, Supervisor Engineer
Colby Guidry, PE, Project Manager
Justin Peltier, PE, Design and Ratings
Reid Romero, PE, Design and Ratings



Prime consultant name:

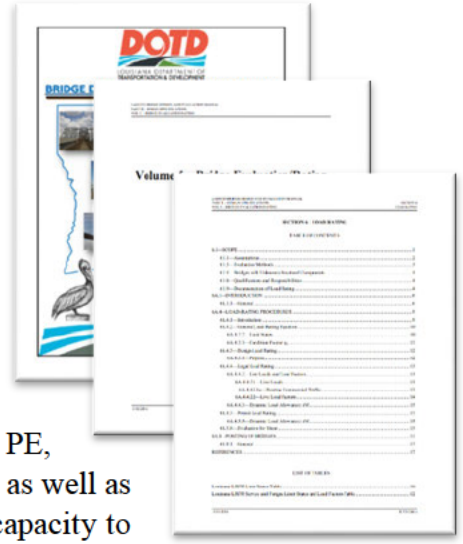
GTS ENGINEERING LLC



Prime consultant name:

18. Approach and Methodology:

PROJECT UNDERSTANDING AND APPROACH



The Louisiana Department of Transportation (LADOTD) is seeking to select a qualified firm that is ready and available to assist the Bridge Load Rating group in determining the live load carrying capacity of the task order assigned bridges in this contract. GIS recognizes that there are over 8,000 bridges on the Louisiana state system and over 5,000 bridges listed as off-system that are owned by various entities and we are ready, capable, and experienced in the load rating of any and all bridge types that may result from this contract. GIS understands that in addition to regular review and rating of bridges, the load rating unit also evaluates structural condition changes due to natural forces, accidents, or planned structural modifications and repairs. The unit also evaluates the ability of on-system bridges to accommodate overweight vehicle permit loads. GIS is ready to assist with any and all task orders related to these special conditions.

GIS and our team are pleased to offer our services to LADOTD in this regard. Our project manager, Josh Gonya, PE, has provided these same load rating services for LADOTD previously with their on-system load rating contract, as well as for MDOT and INDOT for similar contracts. GIS is excited about the opportunity to be of assistance in this capacity to LADOTD. We believe that there are 3 key components to the success of this project: **Communication**, **Quality**, and **Expertise** and 3 key components to the methodology with which the project can be completed: **Data Collection**, **Site Visits**, and **Analysis and Load Rating**.

COMMUNICATION

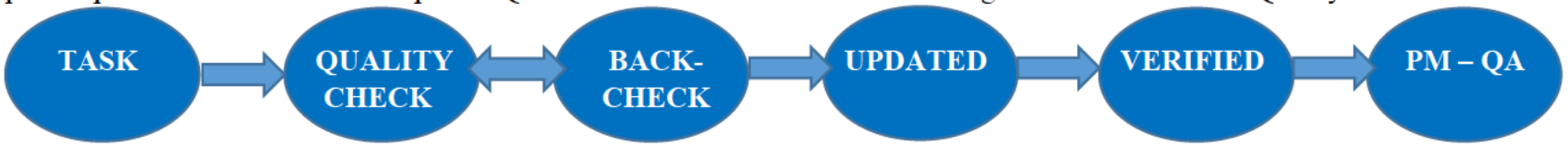
GIS's project team will follow a pre-determined load rating communication and product delivery procedure with clearly defined contact channels, documentation requirements, and scheduled benchmarks. At the beginning of the contract GIS's project manager, Josh Gonya, will meet with the LADOTD project manager to clearly define this procedure and make sure that our team fully understands and implements the department's performance requirements as well as schedule deadlines. GIS is dedicated to providing exceptional communication as well as clear organization. Our project manager, Josh Gonya, will be managing all assigned task orders and will be the ONLY point of contact for LADOTD's project manager.

GIS and our project manager, Josh Gonya, are committed to:

- Maintaining open lines of communication with LADOTD's project manager and Load Rating Group as well as subconsultants.
- Providing weekly status emails to the LADOTD project manager summarizing the status of all tasks that are currently being completed by the team.
- Contacting the LADOTD project manager immediately, upon any critical items occurring that may compromise schedule or rating of a bridge.
- Holding weekly progress and capacity meetings with all team members in order to track and utilize team members appropriately and maximize efficiency.
- Creating a central file space or OneDrive with access for all subconsultants, so that all files are easily shared between organizations.
- Keeping and updating a daily log of assignments with status updates that can be seen by all subconsultants as well as the LADOTD project manager.

QUALITY

Quality people are at the heart of any successful quality control program. We carefully select our partners and staff to create a culture that takes pride in the quality of our work. GIS fully accepts the responsibility to provide quality load ratings and deliverables to LADOTD on this contract. We understand the importance of consistency in this contract in order to accurately reflect conditions of in-service bridges and use the information to develop priority schedules for bridge rehabilitations and bridge replacements throughout the state. The GIS standard Quality Control plan will be followed as required for every load rating TO performed under this contract. Internal teams will complete their own QC per the procedure outlined and keep their QC documents for future reference. The general outline for our Quality Control is as follows:



EXPERTISE

Our team has performed **thousands of load rating analyses** on all types and sizes of bridge superstructures and substructures throughout the country. Our load rating engineers have analyzed structures of all types and varying levels of complexity such as slab spans, timber bridges, prestressed concrete girders, long span steel trusses, vertical lift bridges, bascule bridges, pontoon bridges, horizontally curved steel plate girders, reinforced concrete box culverts, and steel pipe culverts. Through all this experience our team has developed a comprehensive understanding of the AASHTO MBE, AASHTO Standard Specs, AASHTO LRFD Bridge Design Specs, and LADOTD's BDEM. We have

completed multiple projects utilizing both LRFD and LFR methods for analyzing bridges. Our team also has significant expertise in performing load rating analyses using AASHTOWare BrDR, even developing modifications and work around solutions with individual bridge owners for specific scenarios such as posting avoidance and special circumstances.

TEAM HIGHLIGHTS

LOCAL
A team of local engineering partners with professional dependability

AVAILABLE
Our team has ample immediate availability to deliver this load rating project without interfering obligations

EXPERTS
Our team has respected experts in their fields and collectively have completed over 2,000 load ratings

TEAM METHODOLOGY

GIS has assembled an experienced team that is excited about the opportunity to take on this contract and work with the LADOTD Load Rating Group and the contract's corresponding project manager. This project will require large amounts of data processing, great communication, and engineering expertise in order to be successful. GIS and its team are primed and in position to execute this project and assist LADOTD in any way necessary to achieve our collective goals. The services to be provided are broken down as follows:

DATA COLLECTION AND REVIEW

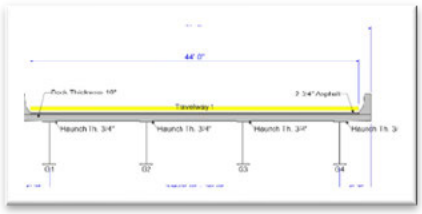
GIS and its team will retrieve bridge files from any listed sources. These files will include but are not limited to: bridge inspection reports (both current and previous as needed), bridge plans (as-builts, shop drawings, as-designed, and or contract plans), details of standard plans used, any available plan sheets, sketches, or partial drawings, any existing rating documents, repair or rehabilitation documents, and any field measurements that can be associated with the tasked bridges. These items will be collected as available from LADOTD general files, AssetWise Bridge Record Database, FileNet Manager System, Inspection Documents Files server, Section 51 – Bridge Maintenance, Section 25 – Bridge Design, LADOTD District offices, Local Parish governments, engineering firms or fabricators, or any entity who constructed the structure if different than the current owner.

SITE VISITS

In instances when the data collection process does not yield enough information to accurately load rate the bridge, site investigations will be conducted to gather that required information. It is **NOT** required that these site visits be conducted using NBIS certified bridge inspectors; however, GIS anticipates using certified individuals that also have extensive experience in load rating. This approach has yielded the best results in many cases as the bridge inspector is experienced in both documenting deterioration and how the documented information will be used to load rate the bridges. These site visits will produce the most accurate load rating results reflecting the current structure field conditions, and document the current conditions to assist with record recovery.

ANALYSIS AND LOAD RATING

GIS and its team have expertise in the field of load rating for all bridge types. All the structures will be rated using the current provisions of the AASHTO MBE and LADOTD BDEM. We will develop structural models and perform analyses of the bridges to determine dead load and live load effects in the members and elements required to be rated in accordance with LADOTD's BDEM Part II, Volume 5, Chapter 6. The live load analysis will include design loads, legal loads (including SHV), and emergency vehicles (EV). Secondary and temperature effects will be considered for structures sensitive to those effects. All load ratings will be based on the present condition capacity and loading of the bridges.



All bridges will be rated using AASHTOWareBrDR with continuous prestressed concrete girders being modeled as simple spans and future wearing surface not being included per LADOTD BDEM. When these ratings result in load posting, a refined analysis will be done to verify results and GIS will provide schematic recommendations to improve or eliminate the load posting. GIS and our team are also committed to debugging any errors found during the rating process in order to provide LADOTD with the best results possible.

SOFTWARE

Our team fully understands the importance of utilizing LADOTD's approved software packages to perform the load ratings in order to provide accurate and precise results that can be directly compared to other bridges that have previously been load rated. We already have active licenses for and intend to utilize AASHTOWare BrDR, Bentley OpenBridge Design, STAAD, and Excel during this project.

Periodically, the capacity of a bridge or component of a bridge cannot be directly calculated with the preferred software packages. Our team is prepared to calculate a capacity outside of AASHTOWare BrDR or Bentley OpenBridge and if feasible, modify the program input to create a file that can be utilized by the LADOTD Load Rating Group. In the event that this is necessary, we are prepared to verify that all assumptions and methodologies are clearly documented as well as agreed upon by the LADOTD Project Manager and Load Rating Group such as providing influence lines for critical members including substructures.

19. Workload:

Job #	Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
1368	GTS ENGINEERING LLC	CE&I	S.P. H.008145.6	LA 1: Leeville to Golden Meadow Phase 2	$0
1265	GTS ENGINEERING LLC	Planning	S.P. H.013284	MRB South GBR: LA 1 to LA 30 Connector	$10,790
6634	HUVAL	Bridge	S.P. H. 011235	I-49 South @ Verot School Road Lafayette Parish – Design Phase Supp. #1&2	$0
6499	HUVAL	Bridge	S.P. H.004774.5	Kansas Lane-Garrett Road Connector – Supp #1	$77,657
6681	HUVAL	Bridge	S.P. H.009497.6	LA 106: Bayou Bouef - Construction Services	$18,549
7197	HUVAL	Bridge	S.P. H.011808.5	LA 10: Company Canal – Construction Services	$27,355
7209	HUVAL	Bridge	S.P. H.010000.6-2	US 171 Over Calcasieu River – Construction Services	$39,875
6989	HUVAL	Bridge	S.P. H.011485.6	LA 336-1 Bayou Teche Bridge @ Breaux Bridge Construction Services	$88,726
6905	HUVAL	Bridge	S.P. H. 012650.6	Bridge Repair District 62 - Construction Services	$25,337
6793	HUVAL	Bridge	S.P. H.012451.6	Dist. 04 Bridge Repairs - Construction Services	$20,456
6816	HUVAL	Bridge	S.P. H.010006.5	LA 58 Petit Caillou Bridge Rehabilitation	$1,481
6990	HUVAL	Bridge	S.P. H.002868.5	Ambassador/BNSF Frontage Road Bridges	$3,812
7260	HUVAL	Bridge	S.P. H.003370	I-220/I-20 Interchange IMP & BAFB Access	$28,168
6749	HUVAL	Bridge	S.P. H.004791	LA 23: Belle Chasse Bridge and Tunnel (HBI)	$1,267,978
7305	HUVAL	Bridge	S.P. H.001352.5	Comite Diversion Bridge at LA 67 – Construction Services	$182,047
			S.P. H.002273.5	Comite Diversion Bridge at LA 19 & LA 19 Railroad – Const. Services	
7031-1	HUVAL	Bridge	S.P. H.004100	I-10 CMAR – Segment 1 Design	$2,416,686
7147	HUVAL	Bridge	S.P. H.014560.5	LA 94: Vermillion River Bridge Replacement	$51,705
7210	HUVAL	Bridge	S.P. H.014747	Southern University Ravine Project	$230,640
7238	HUVAL	Bridge	S.P.H.014052-2	LA 151: I-20 Overpass Deck Replacement	$35,824
7232	HUVAL	Bridge	S.P.H.012545.5	LA454: Wiggins Bayou Bridge	$199,025
7321	HUVAL	Bridge	S.P.H.014646.5	I-20: US 165 East of Garret Road	$277,003
7347	HUVAL	Bridge	S.P.H.014052.5	LA 151: Construction Services	$42,456
N/A	WTAA ENGINEERS	N/A	N/A	N/A	N/A

20. Certifications/Licenses:

U.S. Department of Transportation

Federal Highway Administration

National Highway Institute

NATIONAL HIGHWAY INSTITUTE

Certificate of Training

Joshua Gonya

has participated in

FHWA-NHI-130055

Safety Inspection of In-Service Bridges

hosted by

LA DOTD/LTRC

Date: *June 13-24, 2016*

Location: *Baton Rouge, LA*

Hours of Instruction: 67

Instructor

Instructor

Local Coordinator

Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Joshua Gonya

has participated in

NHI Course No. FHWA-NHI-130101

Introduction to Safety Inspection of In-Service Bridges - WEB-BASED

hosted by

National Highway Institute

Location: *Web-Based Course* ***Hours of Instruction:*** *14 hours*

Date: *5/30/2016*

Valerie Briggs

Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

NATIONAL HIGHWAY INSTITUTE

Certificate of Training

Joshua Gonya

has participated in

FHWA-NHI 130078 Fracture Critical Inspection Techniques for Steel Bridges

hosted by

Arkansas DOT

Date: April 23 - 26, 2018

Hours of Instruction: 25

Location: Little Rock, AR

Instructor

Instructor

Local Coordinator

Valerie Briggs, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

Joshua Gonya

has participated in

FHWA-NHI-130081 LRFD for Highway Bridge Superstructures

hosted by

Mississippi Department of Transportation

Date: *January 31-February 3, 2017*

Hours of Instruction: 24

Location: *Jackson, MS*

Instructor

Local Coordinator

Instructor

Valerie Briggs, Director
National Highway Institute

CERTIFICATE *of* TRAINING

THIS ACKNOWLEDGES THAT ON APRIL 20, 2018

Joshua Gonya

SUCCESSFULLY COMPLETED

INSPECTING STEEL BRIDGES FOR FATIGUE

x 

SIGNED, *Robert J. Connor*, Professor of Civil Engineering, *Director of S-BRITE Center*

S-BRITE Center
PURDUE UNIVERSITY

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

JOSHUA D. GONYA

has Successfully Completed

FHWA-NHI-130053

Bridge Inspection Refresher Training

hosted by

LA DOTD/LTRC

Date: *January 11-13, 2022*

Location: *Baton Rouge, LA*

Hours of Instruction: 18

Instructor

Instructor

Local Coordinator

Thomas Harman

Thomas Harman, Director
National Highway Institute

U.S. Department of Transportation

Federal Highway Administration

National Highway Institute

NATIONAL HIGHWAY INSTITUTE

Certificate of Training

COLBY GUIDRY

has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by

LA DOTD/LTRC

Date: *January 21-23, 2020*

Location: *Baton Rouge, LA*

Hours of Instruction: 18

Instructor

Instructor

Local Coordinator

Michael Davies, P.E.
Director, National Highway Institute

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Colby J Guidry

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

9/23/2022 to 9/23/2026
Training Valid Through

Director of Training

Lafayette, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

Colby Guidry

has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by

Office of State Aid Road Construction

Date: *April 21-23, 2015*

Location: *Jackson, MS*

Hours of Instruction: 18

Instructor

Marie Allbritton
Local Coordinator

Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute

U.S. Department
Of Transportation

Federal Highway Administration

NATIONAL HIGHWAY INSTITUTE

Training Solutions for Transportation Excellence

National Highway Institute

Certificate of Training

Colby Guidry

has participated in

Safety Inspection In-Service Bridges

hosted by

ALABAMA DEPARTMENT OF TRANSPORTATION

Location: ***Mobile, Alabama***

Date: ***May 14 – 25, 2007***

William L. Godwin

Instructor

Moges Ayele

Director, National Highway Institute
Federal Highway Administration

Hours of instruction: *72*

Coordinator

Director, Office of Professional Development
Federal Highway Administration

U.S. Department
Of Transportation
Federal Highway
Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Colby Guidry

has participated in

Fracture Critical Inspection Techniques for Steel Bridges

hosted by

LA DOTD/LTRC

Date: **April 27-30, 2009**

Hours of Instruction: **21**

Location: **Baton Rouge, LA**

James A Guidry
Instructor

Instructor

Allison Landry
Local Coordinator

Richard Barnaby, Director
National Highway Institute

U.S. Department
Of Transportation
Federal Highway
Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Colby Guidry

has participated in

Fundamentals of LRFR and
Applications of LRFR for Bridge Superstructures

hosted by

LA DOTD/LTRC

Date: **December 7-10, 2009**

Location: **Baton Rouge, LA**

Hours of Instruction: **24**

Bala Sivakumar
Instructor

Thomas Saad
Instructor

Allison Landry
Local Coordinator

Richard Barnaby, Director
National Highway Institute

21. QA/QC Plan and/or Work Plan:

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22. Sub-consultant information:

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

Firm Name (as registered with Louisiana's Secretary of State)	**Address**	**Point of Contact and email address**	**Phone Number**
WTAA ENGINEERS, LLC	2622 North Street, Baton Rouge, LA 70802	W.T. Winfield, wt@wtaaengineers.com	(225) 383-0822
HUVAL & ASSOCIATES, INC.	922 West Pont Des Mouton Road Lafayette, LA 70507	Colby Guidry, PE cguidry@huvalassoc.com	(337) 234-3798

(Add rows as needed)

23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.

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