



# IDIQ Contract for Bridge Load Rating

Contract No. 4400025865 | Statewide, LA

JANUARY 11, 2023

CONTRACT NO. 4400025865

Submitted to:  
Louisiana Department of Transportation  
and Development (DOTD)



Submitted by:  
Forte and Tablada, Inc.





# SECTIONS 1-11



# DOTD FORM: 24-102

(Revised March 1, 2022)

## PROPOSAL TO PROVIDE CONSULTANT SERVICES

1. Contract title as shown in the advertisement	IDIQ Contract for Bridge Load Rating
2. Contract number(s) as shown in the advertisement	Contract No. 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)	Forte and Tablada, Inc.
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.0000330 – Engineering VF.0000055 - Surveying
6. Prime consultant mailing address	Forte and Tablada, Inc. 9107 Interline Avenue Baton Rouge, LA 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	Forte and Tablada, Inc. 9107 Interline Avenue Baton Rouge, LA 70809
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Russell "Joey" Coco, P.E., MBA – CEO/President (225) 927-9321 jcoco@forteandtablada.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Russell "Joey" Coco, P.E., MBA – CEO/President (225) 927-9321 jcoco@forteandtablada.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):

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Date: 01/11/2023

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):

Firm(s)' %:

Traffic Control Products of Louisiana

2%












# SECTIONS 12-15

## 12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. 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.




Evaluation Disciplines	% of Overall Contract	 (Prime)	 (Sub)	 (Sub)	 (Sub)	 (Sub)
Bridge	98%	53%	27%	10%	10%	
Other (Traffic Control)	2%					100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.						
Percent of Contract	100.00%	51.94%	26.46%	9.80%	9.80%	2.00%

### 13. Firm Size

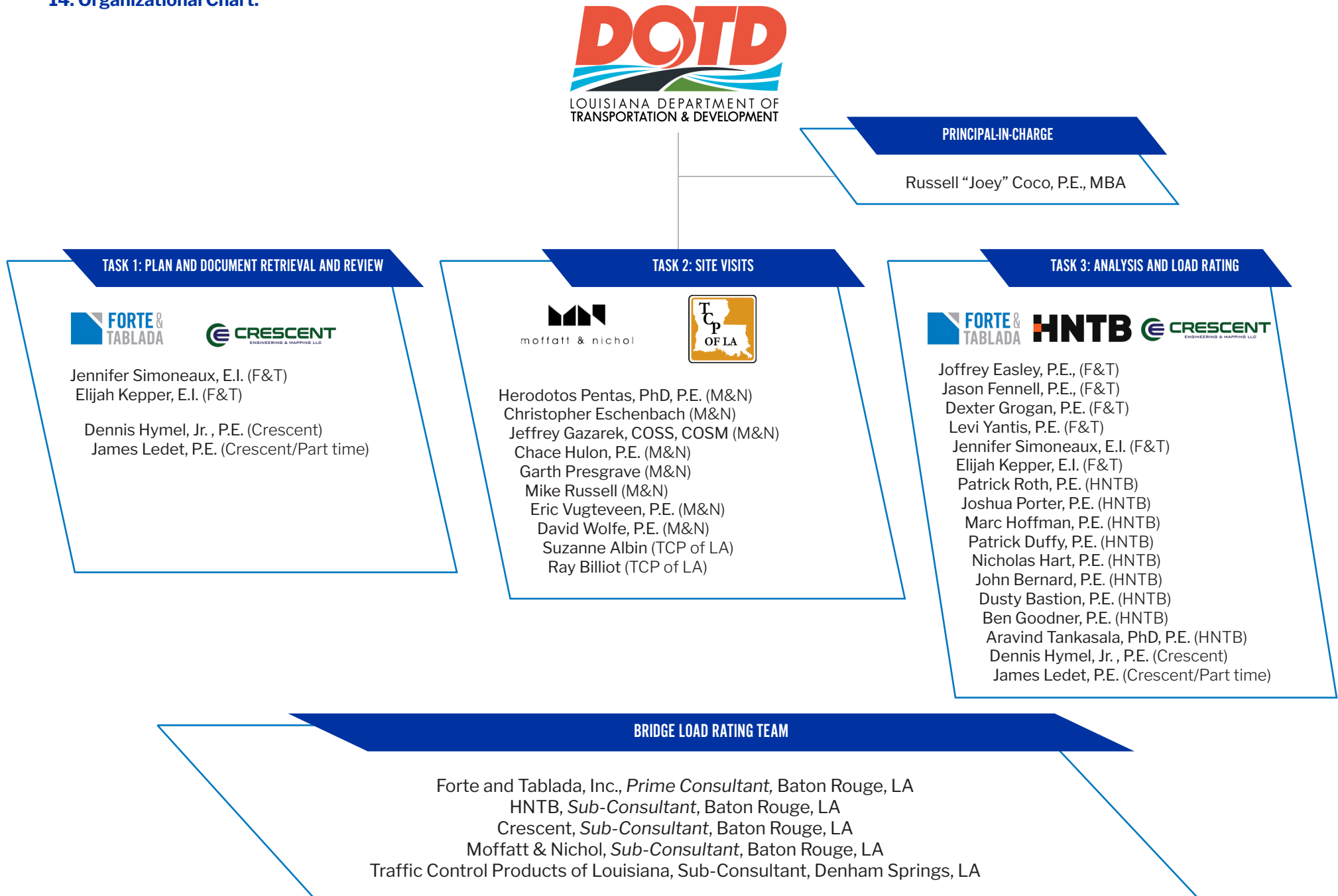
Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Administrative		3
	CADD Technician	2	8
	Clerical		4
	Engineer	1	4
	Inspector		3
	Instrument Man		1
	Party Chief		6
	Engineer Intern	4	10
	Principal	1	3
	Rodman	1	11
	Senior Technician	2	3
	Supervisor Engineer	2	4
	Supervisor Other	0	2
	Surveyor	2	5
	Engineer (LA PE)	6	11
	Engineer Intern	3	45
	Engineer-Other	0	67
	Supervisor-Engineering	3	11



### 13. Firm Size








	Principal	1	25
	Accountant	1	10
	Administrative	1	15
	CADD Operator	1	75
	Engineer (LA PE)	4	28
	Engineer – Other	4	50
	Inspector – Bridge	4	50
	Engineering Intern	2	30
	Senior Technician	2	14
	Supervisor – Engineer	3	12
	Supervisor Engineer	1	1
	Engineer	1	2
	Senior Technician	1	1
	Surveyor	0	1
	Technician	0	2
	Principal	1	1
	Supervisor - Other	1	25
	Technician	1	40
	Labor	4	25

## 14. Organizational Chart:



## 15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.



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	Russell “Joey” Coco, P.E., MBA		PE / 31337	LA	09/30/2024
2	Russell “Joey” Coco, P.E., MBA		PE / 31337	LA	09/30/2024
3	Russell “Joey” Coco, P.E., MBA		PE / 31337	LA	09/30/2024
4	John Bernard, P.E.		PE / 31026	LA	03/31/2024
5	Joffrey E. Easley, P.E., M.S.		PE / 31542	LA	03/31/2023
	Jason P. Fennell, P.E., M.S.		PE / 37237	LA	09/30/2024
	Levi Yantis, P.E.		PE / 42390	LA	09/30/2024
	Patrick Roth, P.E.		PE / 41553	LA	09/30/2023
	Dusty Bastion, P.E.		PE / 36719	LA	03/31/2024
	Dennis M. Hymel, Jr. P.E.		PE / 38172	LA	09/30/2023





# SECTION 16

## 16. Staff Experience:



Firm employed by					
Name	<b>Russell "Joey" Coco, P.E., MBA</b>		Years of relevant experience with this employer		16
Title	President/CEO, Principal-In-Charge		Years of relevant experience with other employer(s)		6
Degree(s) / Years / Specialization		BSCE / 2000 / LSU    MBA / 2006 / LSU Coastal Engineering Certificate / 2008 / Old Dominion University			
Active registration number / state / expiration date		31337 / LA / 09/30/2024			
Year registered	2004	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities		<b>Principal-in-Charge</b>			
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).				
03/18-05/22	<b>LA DOTD Retainer Contract for Off-System Bridge Load Rating, Statewide, LA</b> – QA/QC review engineer for a retainer contract that includes multiple Task Orders to inspect and load rate off-system bridges and culverts across the state. Task Order 1 – Inspection and load rating of 12 complex off-system bridges, including lift spans, swing spans, bascule spans, ferry landings, and truss bridges; Task Order 2 – Inspection and load rating of approximately 200 off-system bridges, consisting primarily of slab spans; Task Order 4 – Inspection and load rating of approximately 300 off-system bridges, consisting primarily of slab spans, but also including concrete and steel girder spans.				
11/19 - 11/20	<b>LA DOTD S.P. No. H.012083.5- Calcasieu River Bridge Investigation, Calcasieu Parish, LA</b> - Principal overseeing laser scanning services for the I-10/Lake Calcasieu bridge in Lake Charles, LA.				
08/19-Ongoing	<b>H.011670-I-10/Loyola Interchange Improvements, Kenner, LA</b> – Principal-in-Charge overseeing Topographic Survey, Right-of- Way Survey, and Drainage Survey. The project stretches from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd.				
05/19-09/19	<b>H.000303.6-Danziger Bridge Rehabilitation, Orleans Parish, LA</b> - Principal overseeing survey investigation of Danziger Bridge. Included laser scanning and comparison of actual conditions to original plans.				
11/18-04/19	<b>H.011684.5-LA 327 Spur: Staring Lane Extension, East Baton Rouge Parish, LA</b> – Principal-in-Charge for comprehensive topographic surveying services and developing a drainage map for the Staring Lane Extension project for LA DOTD. Included in this work was a survey performed utilizing traditional methods and terrestrial laser scanning of roadway surfaces.				
11/16-10/20	<b>Livingston Parish Off-System Bridge Load Ratings, Livingston Parish, LA</b> - QC/QA review engineer for the inspection and load rating of numerous existing slab span bridges and culverts in Livingston Parish In accordance with FHWA Metric 13, which requires a current load rating of all Off-System bridges.				
10/18 - 12/18	<b>LA DOTD 4400010587 - Sunshine Bridge Repair, St. James Parish, LA</b> - Principal overseeing topographic surveying and terrestrial LIDAR services for the LA DOTD Sunshine Bridge Emergency Repair project following the severe impact of a barge mounted crane with the lowest horizontal bridge chord.				
09/17-12/19	<b>S.P. No. H.011808.5- Palmetto Co. Canal Bridge, St. Landry Parish, LA</b> - Principal-in-Charge to provide property surveys, title take-offs, and right-of-way map services for the removal and replacement of a timber trestle bridge that spans Bayou Des Glaisses, located along La. Hwy. 10 in St. Landry Parish near the town of Palmetto, LA.				

## Russell “Joey” Coco, P.E., MBA (CONT.)

05/17-10/18	<b>Belle Chasse Bridge and Tunnel Replacement Hydrographic Survey, Plaquemines Parish, LA</b> - Principal-in-charge for comprehensive topographic surveying services for the Belle Chasse Bridge and Tunnel Replacement project for LA DOTD. Included in this work was a survey performed utilizing traditional methods, terrestrial laser scanning of roadway surfaces, and multi-beam 3-D hydrographic surveying.
11/16-10/20	<b>Livingston Parish Off-System Bridge Load Ratings, Livingston Parish, LA</b> - QC/QA review engineer for the inspection and load rating of numerous existing slab span bridges and culverts in Livingston Parish In accordance with FHWA Metric 13, which requires a current load rating of all Off-System bridges.
06/16-04/20	<b>St. Tammany Parish Off-System Bridge Load Ratings, St. Tammany Parish, LA</b> - QC/QA review engineer for the data collection, inspection, and load rating of numerous slab span, girder, and railcar bridges in St. Tammany Parish.
03/15-07/15	<b>Bossier Parish Bridge Priority Study, Bossier Parish, LA</b> – Served as the project manager and engineer for prioritizing the repair and maintenance of twelve bridges owned by Bossier Parish Police Jury.
03/15-02/18	<b>Holly Drive Bridge Replacement, St. Tammany Parish, LA</b> – Served as a project principal for an existing timber bridge replacement in St. Tammany Parish.
03/14-03/17	<b>LA DOTD Load Rating of On-System Bridges, Statewide, LA</b> - QC/QA review engineer for over 200 slab span and girder bridges across Louisiana. Utilized Virtis load rating software.
11/14-09/19	<b>Railroad Bridge Replacement, Plaquemines, LA</b> – Served as a project principal for the replacement of an existing railroad bridge structure in an industrial plant.
12/14-11/15	<b>Westdale Road Bridge over Bayou Pierre, DeSoto Parish, LA</b> – Served as a project principal for laser scanning, inspection, load rating, and repair plans for an existing closed bridge.
04/11-10/16	<b>Iberville Parish Bridge Ratings and Prioritization, Iberville Parish, LA</b> – Served as a project engineer for continued off-system bridge ratings, repairs, and repair/replacement prioritization recommendations for Iberville Parish.
01/10-12/12	<b>LA DOTD I-10: Siegen Lane to Highland Road Design Build ITR, East Baton Rouge Parish, LA</b> – Served as leader of Independent Technical Review of all bridge structures.
01/09-12/10	<b>LA DOTD I-12: O’Neal Lane to Range Road Design Build ITR, East Baton Rouge Parish, LA</b> – Served as leader of Independent Technical Review of all bridge structures.
01/09-12/10	<b>LA DOTD S.P. Nos. 454-01-0047 &amp; 454-02-0025- I-12: O’Neal Lane to Range Road Design Build ITR, East Baton Rouge Parish, LA</b> – Served as leader of Independent Technical Review of all bridge structures.




## 16. Staff Experience:

Firm employed by					
Name	<b>Joffrey E. Easley, P.E., M.S.</b>		Years of relevant experience with this employer		16
Title	Supervisor Engineer		Years of relevant experience with other employer(s)		3
Degree(s) / Years / Specialization	BSCE / 2000 / Civil Engineering MSCE / 2003 / Civil Engineering				
Active registration number / state / expiration date	31542 / LA / 03/31/2023				
Year registered	2004	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities	<b>Project Manager</b>				
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).				
09/22-Ongoing	<b>LA DOTD Retainer Contract for Bridge Load Rating Services, Statewide, LA</b> – Project Manager, Load Rating Engineer, and Team Leader for a retainer contract to provide load rating services across the state. Task Order 1 is for the load rating of ninety-five (95) on-system slab span bridges that have experienced a condition drop since the last load rating. Includes inspection (when required) and, if a load posting if required, determination of repair/rehabilitation options to improve/remove the load posting.				
03/18 - Ongoing	<b>LA DOTD Retainer Contract for Off-System Bridge Load Rating, Statewide, LA</b> - Project Manager, Load Rating Engineer, and Team Leader for a retainer contract that includes multiple Task Orders to inspect and load rate off-system bridges and culverts across the state. Task Order 1 – Inspection and load rating of 12 complex off-system bridges, including lift spans, swing spans, bascule spans, ferry landings, and truss bridges; Task Order 2 – Inspection and load rating of approximately 200 off-system bridges, consisting primarily of slab spans; Task Order 4 – Inspection and load rating of approximately 300 off-system bridges, consisting primarily of slab spans, but also including concrete and steel girder spans.				
03/14-03/17	<b>LA DOTD Load Rating of On-System Bridges, Statewide, LA</b> – Load rating engineer for over 200 slab span and girder bridges across Louisiana. Utilized Virtis (BrR) load rating software.				
05/16 - 10/19	<b>LA DOTD Retainer Contract for Complex Bridge Rating, Statewide, LA</b> -Project Manager to perform a load rating for the US 90 West Middle River Bridge near the Louisiana/Mississippi border. A detailed inspection of the steel through-trusses was also provided.				
06/16-04/20	<b>St. Tammany Parish Off-System Bridge Load Ratings, St. Tammany Parish, LA</b> - Project Manager to collect all available bridge files from all available resources, including LADOTD and Parish records, for numerous slab span, girder, and railcar bridges in St. Tammany Parish and perform inspections and load ratings for the bridges.				
11/16 - 10/20	<b>Livingston Parish Off-System Bridge Load Ratings, Livingston Parish, LA</b> – Inspection and load rating of numerous existing slab span bridges and culverts so that Livingston Parish would follow FHWA Metric 13, which requires all Off-System bridges to be load rated.				
04/18-09/18	<b>Tangipahoa Parish Off-System Bridge Load Ratings, Tangipahoa Parish, LA</b> – Inspection and load rating of 2 railroad flatcar bridges and a slab span bridge to comply with FHWA Metric 13, which requires a load rating of all Off-System bridges.				
05/20-07/20	<b>St. James Parish Off-System Bridge Load Rating, St. James Parish, LA</b> – Inspection and load rating of a slab span bridge to comply with FHWA Metric 13, which requires a load rating of all Off-System bridges.				

## Joffrey E. Easley, P.E., M.S. (CONT.)

08/19 - 02/20	<b>LA DOTD Retainer for In-Depth Bridge Inspections, Simmesport, LA</b> - Inspection of the approach spans, consisting of rolled steel and plate girder spans supported by column bents, of the LA 1 bridge over the Atchafalaya River.
04/11-10/16	<b>Iberville Parish Off-System Bridge Load Ratings and Prioritization, Iberville Parish, LA</b> – Inspection and load rating of 42 existing off-system bridges so that Iberville Parish would follow FHWA Metric 13, which requires all Off-System bridges to be load rated. Also developed a repair and replacement report for all bridges.
12/12 - Ongoing	<b>Cook Road Expansion, Livingston Parish, LA</b> - Designed and produced plans for new bridges over Gray's Creek to provide additional access to the Juban Crossing shopping center by extending Cook Road off of Pete's Highway. Bridge includes special details to accommodate sidewalks for pedestrian use
10/18 - 05/19	<b>H.000445.1-1- US 190 over UPRR and Little Teche Bayou, St. Landry Parish, LA</b> - Project Engineer for this project that developed a scoping document for the replacement or rehabilitation of the EB and WB US 190 bridges over the Union Pacific Railroad (UPRR) near I-49 and over Little Teche Bayou in St. Landry Parish, LA. Based on the findings, a Bridge Evaluation Report outlining the feasibility and preliminary cost estimates for several construction phasing alternatives, as well as a recommended scope of work, was developed.
11/14-08/16	<b>Westdale Road over Bayou Pierre Repairs, DeSoto Parish, LA</b> – Inspected, laser scanned, developed plans, and provided construction administration services for the repairs of a timber bridge that had been closed due to its deteriorated condition. Provide a load rating following the completion of the repairs. Repairs allowed the bridge to be re-opened to vehicular traffic.
01/16 - 01/21	<b>Whittington Road Bridge Replacement, Livingston Parish, LA</b> - Design engineer for the replacement of an existing timber bridge over Grays Creek with a new concrete slab span bridge through the LADOTD off-system bridge replacement program.
12/13-05/14	<b>Million Dollar Road Bridge Rating, St. Tammany Parish, LA</b> – Served as a rating engineer for load rating of a slab span bridge in St. Tammany Parish. Utilized Virtis load rating software.
06/15-06/16	<b>East Baton Rouge Parish Bridge Replacements, East Baton Rouge Parish, LA</b> – Provided design services and load rated multiple slab span bridges that incorporated sidewalks. Design services included determination of pile loads, superstructure and substructure design, and independent technical review of completed plans.
05/13 - 12/14	<b>Musson Lane Bridge Replacement, Iberville Parish, LA</b> – Performed a detailed structural inspection and load rating of the existing bridge constructed of precast concrete spans and timber caps and piles. Developed plans and specifications for the replacement of the existing bridge with a new precast concrete slab span bridge.

## 16. Staff Experience:



Firm employed by	<b>FORTE &amp; TABLADA</b>				
Name	<b>Jason Fennell, P.E., M.S.</b>		Years of relevant experience with this employer		14
Title	Project Engineer		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		BSCE / 2006 / Civil Engineering MSCE / 2009 / Civil Engineering			
Active registration number / state / expiration date		37237 / LA / 09/30/2024			
Year registered	2012	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities		<b>Bridge Engineer</b>			
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).				
03/14-03/17	<b>LA DOTD Load Rating and Posting of On- System Bridges, Statewide, LA</b> - Served as a rating and review engineer for over 200 slab span and girder bridges across Louisiana.				
01/18-05/22	<b>LA DOTD Retainer Contract for Off-System Bridge Load Rating, Statewide, LA</b> - Retainer contract that includes multiple Task Orders to inspect and load rate off-system bridges and culverts across the state. Task Order 1 – Served as rating and review engineer for 12 complex off-system bridges, including lift spans, swing spans, bascule spans, ferry landings, and truss bridges; Task Order 2 – Served as rating and review engineer for approximately 200 off-system bridges, consisting primarily of slab spans as well as load ratings for 219 culverts statewide; Task Order 4 – Served as rating and review engineer for approximately 300 off- system bridges, consisting primarily of slab spans, but also including concrete and steel girder spans.				
04/11-10/16	<b>Iberville Parish Off System Bridge Load Ratings and Prioritization, Iberville Parish, LA</b> – Inspection and load rating of 3 existing slab span bridges so that Iberville Parish would follow FHWA Metric 13, which requires all Off-System bridges to be load rated.				
06/16-04/20	<b>St. Tammany Parish Off-System Bridge Load Rating, St. Tammany Parish, LA</b> -Project Engineer to collect all available bridge files from all available resources, including LADOTD and Parish records, for 11 bridges in St. Tammany Parish and perform inspections and load ratings for the bridges.				
06/12-07/12	<b>Midway Drive Bridge Rating, East Feliciana Parish, LA</b> –Served as a rating engineer for load rating of a slab span bridge. Utilized AASHTOWare BrR (formerly Virtis) load rating software.				
03/12-07/12	<b>TV Tower Road Bridge Rating, East Feliciana Parish, LA</b> – Served as a rating engineer for load rating of a quad beam bridge in East Feliciana Parish. Utilized AASHTOWare BrR (formerly Virtis) load rating software.				
05/12-10/12	<b>Ramah Borrow Pit Bridge Rating, Iberville Parish, LA</b> – Reviewed the design for a quad-beam bridge and provided load rating utilizing AASHTOWare BrR (formerly Virtis) software.				
09/10-06/11	<b>Interstate 10 Widening, Siegen Lane to Highland Road, Baton Rouge, LA</b> – Performed independent technical reviews of superstructure and substructure bridge designs along the corridor and analyzed existing structures for construction loading.				
03/09-07/10	<b>Interstate 12 Widening, O’Neal to Range, Baton Rouge, LA</b> – Performed independent technical reviews of superstructure and substructure bridge designs for overpasses along the corridor.				



**Jason Fennell, P.E., M.S. (CONT.)**

02/10-06/11	<b>Denham Street Bridge at Claiborne Elementary, Baton Rouge, LA</b> – Designed and prepared plans for a bridge project located adjacent to Claiborne Elementary School. The bridge utilized quad beam prestressed girders.
02/13-11/14	<b>LRA Bridge Replacements, Livingston Parish, LA</b> – Designed numerous bridge structures including substructures for ConSpan arch bridges.
01/12-02/12	<b>Valentine Lake Road Bridge Rating, Rapides Parish, LA</b> – Served as a rating engineer for load rating of a slab span bridge. Utilized BrR load rating software.
07/12-08/12	<b>Cooper Lane Bridge, East Feliciana Parish, LA</b> – Served as a rating engineer for load rating of a slab span bridge. Utilized BrR load rating software.
03/09-10/10	<b>Lake Pontchartrain and Vicinity South Shore Complex, Jefferson Parish, LA</b> – Served as a designer for the development of several hundred bridge plans for the widening and extension of the Pontchartrain Causeway Bridge at the south shore.
04/09-11/09	<b>Centreville Road Bridge Preservation, Centerville, LA</b> – Served as designer for a slab span bridge bulkhead and approach slab rehabilitation project.



## 16. Staff Experience:

Firm employed by					
Name	<b>Dexter L. Grogan, III, P.E.</b>		Years of relevant experience with this employer		8
Title	Engineer		Years of relevant experience with other employer(s)		23
Degree(s) / Years / Specialization		BSCE / 1981 / Civil Engineering			
Active registration number / state / expiration date		23431 / LA / 03/31/2024			
Year registered	1989	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities		<b>Bridge Engineer</b>			
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).				
08/20-Ongoing	<b>LA DOTD Off-System Bridge Load Rating Retainer, Statewide, LA</b> - Assisting with Load Rating Reports for slab span bridges and determining factored moment capacity of tee beam bridges.				
07/19-Ongoing	<b>Caplis Sligo Road Bridge over Red Chute Bayou, Bossier Parish, LA</b> - Roadway and bridge design for replacement of bridge. New concrete bridge, 200' long, 30' clear roadway with (5) - 40' spans with Type LG-25 girders, pile bents with 24" and 16" PPC piles.				
10/19-Ongoing	<b>Johnson Koran Road Bridge over Foxskin Bayou, Bossier Parish, LA</b> - Roadway and bridge design for replacement of bridge. New concrete bridge, 140' long, 30' clear roadway with (7) - 20' precast concrete slab spans and precast concrete pile bents with 18" PPC piles.				
01/17-7/22	<b>LA DOTD Linton Road over Black Bayou Reservoir, Bossier Parish LA</b> - Roadway and bridge design for replacement of bridge. New cast-in-place concrete bridge, 220' long, 40' clear roadway with (11) - 20' slab spans and pile bents with 24" PPC piles. Widened 1,030' of roadway embankment across reservoir, with concrete retaining walls each side.				
06/16-02/20	<b>Sligo Road Bridge over Foxskin Bayou, Bossier Parish LA</b> - Roadway and bridge design for replacement of bridge. New concrete bridge, 180' long, 30' clear roadway with (9) - 20' precast concrete slab spans and precast concrete pile bents with 16" PPC piles.				
11/15-05/17	<b>Bridge Replacement on Blanchard-Furrrh Road, Caddo Parish, LA</b> - Roadway and bridge design for replacement of bridges over Shettleworth Bayou and Piney Bayou. Each bridge is 100' long, 28' clear roadway, with (5)-20' precast concrete slab spans and precast concrete pile bents with 16" PPC piles.				
02/15 - 09/15	<b>Westdale Road Bridge over Bayou Pierre, DeSoto Parish, LA</b> - Project included the scanning, inspection, and analysis for the rehabilitation of the bridge. The project was governed by the current edition of the LA DOTD Standard Specifications for Roads and Bridges.				
06/12 - 02/14	<b>I-220 Bridge Widening over Russell Road, Caddo Parish, LA</b> - LA DOTD- Bridge Design for widening of two bridges (eastbound and westbound). Each bridge with steel plate girders, with (2)-89' spans, (1)-142'-6" center span, new column bents with 66" drilled shafts, extended end bents with 36" drilled shafts. Widened/replaced total width of 26'-6" for each bridge, for 53'-6" total clear roadway for each bridge.				

## Dexter L. Grogan, III, P.E. (CONT.)

05/10 - 09/10	<b>Poole Road Bridge Over Flat River, Bossier Parish, LA</b> - Roadway and bridge design for replacement of bridge. 262'-6" long, (2)-65'-6" spans with Type III girder, (1)-131'-6" center span with Type BT-72 girders, 28' clear roadway, pile bents with 30" and 16" piles.
02/10 - 06/12	<b>LA DOTD Murphy Street Bridge Over KCS Railroad, Caddo Parish, LA</b> - Roadway and bridge design for replacement of city street bridge over railroad tracks. One four (4) lane bridge with sidewalks, 257' long with steel beam girders, (2) - 77' spans, (1) -103' center span, 52' clear roadway, pile bents with 24" and 30" PPC piles, "pile bent" with 36" drilled shafts.
12/01 - 10/04	<b>LA DOTD Industrial Loop Overpass, Inner Loop Expressway (LA 3132), Caddo Parish, LA</b> - Roadway and bridge design plans for the extension of the Inner Loop. Included two bridges (eastbound and westbound), each 655'-6" long, (8) - 65'-6" spans with Type III girders, (1) - 131'-6" span with Type BT-72 girders, 40' clear roadway, pile bents with 24" PPC piles, column bents each side of 131' 6" span.

## 16. Staff Experience:


Firm employed by					
Name	<b>Levi E. Yantis, P.E.</b>		Years of relevant experience with this employer		7
Title	Engineer		Years of relevant experience with other employer(s)		2
Degree(s) / Years / Specialization		BSCE / 2013 / Civil Engineering			
Active registration number / state / expiration date		42390 / LA / 09/30/2024			
Year registered	2018	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities		<b>Project Engineer / Bridge Engineer</b>			
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).				
09/22-Ongoing	<b>LA DOTD Retainer Contract for Load Rating Services – Task Order 1, Statewide, LA</b> – Leading and supervising the load ratings of on-system slab span bridges throughout the state of Louisiana. Team leader for bridge inspections to collect additional deterioration measurements of bridge components.				
03/18-04/22	<b>LA DOTD Retainer Contract for Off-System Bridge Load Rating – Task Order 1, Statewide, LA</b> – Led and assisted in 12 complex moveable bridge inspections and load ratings throughout the state. The bridge types included a single leaf bascule span, a vertical lift truss span, several steel vertical lift spans, multiple pontoon bridges, a steel plate girder swing bridge, a small steel truss/cable swing span, and a non-moveable steel truss. Task Order 2 – Led and supervised the load ratings of 200 off-system slab span bridges throughout the state of Louisiana. To avoid posting bridges lower than necessary, bridge inspections were done for several bridges that had severe deterioration noted in their inspection reports to collect additional deterioration measurements to accurately determine the bridge member’s load carrying capacity. Task Order 5 – Load testing and refined load rating analysis of slab span bridges and culverts that previously received low or closed load postings.				
02/22-Ongoing	<b>Ascension Parish Load Ratings, Ascension Parish, LA</b> – Team leader for the inspection of Ascension Parish owned bridges. Also serving as the lead load rating engineer for the bridges after inspection.				
01/22-03/22	<b>Mall of Louisiana Boulevard Modified Bent Redesign, East Baton Rouge Parish, LA</b> – Redesigning a bent cap that had a pile misdriven during PDA. Pile load checks and a modified bent load rating were performed also.				
03/21-10/21	<b>TDOT Complex and Standard Bridge Load Ratings, Statewide, TN</b> - Oversaw a team of load raters performing 35 AASHTOWare BrR load ratings in 4 months and was responsible for the quality control of the model inputs and outputs, troubleshooting bridge models, and assisting in load ratings. The bridge types load rated using AASHTOWare BrR software were prestressed I-beams and box girders, reinforced concrete multi-cell box bridges, reinforced concrete T-beams, continuous steel plate girders, and steel girder-floorbeam-stringer systems.				
01/20-10/21	<b>LA DOTD Retainer for Complex In-Depth Bridge Inspections, Statewide, LA</b> – Served as Team Leader for the structural, mechanical and electrical in-depth inspections for multiple movable bridges. Bridge types included vertical lift span bridges and steel swing bridges (through girders and through trusses). Also served as the task manager for preparing the in-depth inspection reports. There was also a task order under this contract to perform emergency repairs on an US 71 Bridge in Shreveport, LA. Led the superstructure design for the emergency repairs.				

## Levi E. Yantis, P.E. (CONT.)



01/20-10/21	<b>Florida Department of Environmental Protection (FDEP), Palatka Trail Pedestrian Bridge, Elkton, FL</b> - Served as lead structures designer for a two-span, 210' structure over US-601. The two-span structure includes the design of FIB concrete girders with an intermediate hammerhead pier, pile supported stub abutments and wrap-around MSE retaining walls.
01/20-12/20	<b>TDOT Complex Bridge Load Ratings, Statewide, TN</b> - This project was to load rate a total of 41 complex bridges within a short time period to help the State meet a critical FHWA Deadline. Levi was involved in the quality control process of multiple bridge load ratings.
06/16-04/20	<b>St. Tammany Parish Off-System Bridge Load Ratings, St. Tammany Parish, LA</b> - Led and assisted in bridge inspections and served as the load rating engineer for bridges throughout the parish of St. Tammany. The bridge types include slab spans, prestressed girder spans, and bridges constructed from retired railroad flatcars.
05/16-10/19	<b>LA DOTD Retainer Contract for Complex Bridge Rating, Statewide, LA</b> - Bridge inspector and load rater for a through truss bridge over a branch of the Pearl River. The bridge consisted of 3 pony truss spans and reinforced concrete T-beams and was load rated utilizing AASHTOWare BrR, Leap Bridge Concrete and Mathcad software.
11/18-12/18	<b>Port of New Orleans, St. Claude Avenue Bridge Permit Load Rating, New Orleans, LA</b> - Performed a permit load rating for an overload vehicle to safely pass the single bascule span on St. Claude Avenue.
03/14-03/17	<b>LA DOTD Load Rating of On-System Bridges - Statewide, LA</b> - Assisted in load rating of approximately 200 existing bridges across the state of Louisiana. Bridges range from slab span bridges on local roads to elevated curved steel interstate bridges in metropolitan areas.
12/17-Ongoing	<b>Cook Road Expansion, Livingston Parish, LA</b> - Slab span superstructure and pile bent substructure design. Also assisted in the bridge plan development.
12/13-05/14	<b>Million Dollar Road Bridge Rating, St. Tammany Parish, LA</b> - Assisted in the field inspection of the bridge and carried out the structure's substructure load rating.




## 16. Staff Experience:

Firm employed by	<b>FORTE &amp; TABLADA</b>				
Name	<b>Jennifer W. Simoneaux, E.I.</b>		Years of relevant experience with this employer		6
Title	Engineer Intern		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		BSCE / 2016 / ULL MSCE / 2020 / LSU			
Active registration number / state / expiration date		33054 / LA / 03/31/2023			
Year registered	2016	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities		<b>Structural Engineer Intern</b>			
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).				
08/19-10/20	<b>LA DOTD Retainer Contract for Off-System Bridge Load Rating, Statewide, LA</b> – Retainer contract that included multiple Task Orders to inspect and load rate off-system bridges and culverts across the state. Assisted in load rating existing bridges across Louisiana using LRFR load rating methodology.				
01/17-01/18	<b>Cook Road Bridge, Livingston Parish, LA</b> – Assisted in the design of slab span superstructure and pile bent substructure, performed quantity calculations for substructure and superstructure, and assisted in the development in bridge plans.				
01/17-05/19	<b>Forrest Delatte Road Improvements and Bridge Replacement, Livingston Parish, LA</b> – Assisted in the development of bridge plans.				
01/17-01/18	<b>George Mashon Road Bridge Replacement, Livingston Parish, LA</b> – Assisted in the development of bridge plans.				
01/17-01/18	<b>Travis Street Bridge Replacement, Livingston Parish, LA</b> – Assisted in the development of bridge plans.				
02/18-04/18	<b>Whittington Road Bridge Replacement, Livingston Parish, LA</b> – Assisted in the development of bridge plans.				
04/18-05/18	<b>Shintech Railroad Bridge Replacement, Iberville Parish, LA</b> – Assisted in the development of bridge plans.				
01/17-02/18	<b>Buddy Ellis Road Overlay and Bridge Replacement, Livingston Parish, LA</b> – Assisted in the development of bridge plans.				
03/19-12/20	<b>St. George Fire Facilities, East Baton Rouge Parish, LA</b> – Structural design for two fire stations, a dispatch center, a training facility, and a maintenance facility. The structural systems included shallow and deep foundations, reinforced cmu, steel framing, and timber framing.				
10/18-01/19	<b>Kraftman Federal Credit Union, Sterlington, LA</b> – Assisted in the design of a new 13,500 square foot credit union branch and headquarters. The structural systems included shallow foundations and steel framing.				
05/18-08/19	<b>Pelican State Credit Union Corporate Headquarters, Baton Rouge, LA</b> – Assisted in the structural design for a new 70,000 square foot Class A office building. The structural systems included shallow foundations and steel framing.				

## 16. Staff Experience:

Firm employed by					
Name	<b>Elijah "Kade" Kepper, E.I.</b>		Years of relevant experience with this employer		3
Title	Engineer Intern		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		BSCE / 2020/ Civil Engineering			
Active registration number / state / expiration date		34509 / LA / 09/30/2024			
Year registered	2020	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities		<b>Structural Engineer Intern</b>			
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).				
01/20 - 05/22	<b>LA DOTD Retainer Contract for Off-System Bridge Load Rating, Statewide, LA</b> – Retainer contract that includes multiple Task Orders to inspect and load rate off-system bridges and culverts across the state. Task Order 2 – CAD plans and influence line development of off-system bridges, consisting primarily of slab spans. Task Order 4 – Inspection and load rating of 340 off-system bridges, consisting primarily of cast-in-place and precast slab spans, but also including concrete and steel girder spans. CAD plans and influence line development when necessary.				
03/20 – 04/20	<b>St. Tammany Parish Off System Bridge Load Ratings, St. Tammany Parish, LA</b> – Assisted in reviewing the superstructure and substructure load ratings.				
03/20 – 08/20	<b>Pendarvis Lane Improvements, Livingston Parish, LA</b> – Assisted in the development of CAD plans for roadway improvements.				
06/20-12/22	<b>Old Hammond Highway (LA426) Segment 1, Baton Rouge, LA</b> - Assisted in the superstructure design and in the development of construction plans.				
02/21-07/21	<b>Linwood Ave. Complex Bridge Load Rating, Shreveport, LA</b> - This is a unique load rating of a complex steel girder bridge built in 1950 and had a pre-stressed girder span added to it in 2012. There were no plans for the original bridge. Assisted in an in-depth field inspection and 3D scan of the bridge, development of plans from the scan data, and in the superstructure and substructure load rating.				

## 16. Staff Experience:



Firm employed by		<b>FORTE &amp; TABLADA</b>			
Name	<b>Bradley S. Holleman, P.E., P.L.S.</b>		Years of relevant experience with this employer		2
Title	Senior Vice President, Survey/Advanced Measurements & Modeling		Years of relevant experience with other employer(s)		14
Degree(s) / Years / Specialization		BSCE / 2009 / Civil Engineering			
Active registration number / state / expiration date		5082 / LA PLS / 9/30/2024; 47165 / LA PE / 3/31/2023			
Year registered	2012; 2022	Discipline	Land Surveying/Civil Engineering		
Contract role(s) / brief description of responsibilities		<b>Surveyor;</b> Brad will coordinate with survey crews to capture the site information, establish control, and deliver a surveying CADD drawing for the engineers and technicians to perform road and bridge design services.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
06/20 - 12/20	<b>4400017597 DOTD Rural Bridge Replacement, Statewide, LA</b> - Surveyor-in-Charge for the topographic survey. This project was for design of multiple bridge replacements throughout south Louisiana. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.				
05/18 - 11/18	<b>I-10: Loyola Interchange Improvements, Kenner, LA</b> - Surveyor-in-Charge for the control survey, utility survey and 3D mobile laser scanning. This project was for the design of new exit for the New Orleans Airport. The work consisted of completing a utility and control survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths that fell within the survey limits.				
03/17 - 03/18	<b>H004987 US 190 Collins Blvd., St. Tammany Parish, LA</b> - Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for the design of capacity improvements on US 190 in Covington. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.				
06/16 - 02/17	<b>H.000263 Chef Menteur Pass Bridge, Orleans Parish, LA</b> - Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for the design of new bridge to replace the existing swing bridge on US 90 over Chef Menteur Pass. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.				
09/15-11/15	<b>H.011923 Hooper Road Roundabout at Sullivan Road, East Baton Rouge Parish, LA</b> – Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for construction of a roundabout at Hooper Road and Sullivan Road in East Baton Rouge Parish. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.				
12/14 – 03/16	<b>H.011137 &amp; H.011152 I-12 (LA 21 to LA 59), St. Tammany Parish, LA</b> – Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for widening of Interstate 12 from LA 21 to La 59 in St. Tammany Parish. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.				



**Bradley S. Holleman, P.E., P.L.S.(CONT.)**

09/14 - 02/15	<b>H.011158 LA 3139, Jefferson Parish, LA</b> – Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for constructing a replacement span because of a damaged girder on the LA 3139 overpass over I-10. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.
09/13 – 03/14	<b>H.002375 Amite River Bridge Near French Settlement, Livingston Parish, LA</b> – Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for constructing a new bridge over Amite River in French Settlement, Louisiana to replace the existing swing bridge. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.
07/13–10/13	<b>I-12 to Bush Route LA 3241 Survey Control, Bush, LA</b> – Surveyor-in-Charge for setting the primary static control and digital levels for future phases of the project. This project was for the construction of a new connecting route from Interstate 12 to Bush Louisiana. The work consisted of setting deep rod monuments along the proposed route and conducting over 40 miles of digital levels between the deep rod monuments.
01/13 – 09/13	<b>H.009489 Jefferson Highway Overpass, East Baton Rouge Parish, LA</b> - Surveyor-in-Charge for the bridge monitor survey, topographic survey and existing drainage map. This project was monitoring and the overpass replacement of Jefferson Highway over Airline Highway in East Baton Rouge Parish. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.
05/12 – 09/12	<b>H.009456 – Tchefuncte River Bridge, Tangipahoa Parish, LA</b> - Surveyor-in-Charge for the topographic survey and existing drainage map. This project was for a bridge replacement over the Tchefuncte River in Tangipahoa Parish. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.

## 16. Staff Experience:



Firm employed by					
Name	Ross A. Wilson, P.L.S.		Years of relevant experience with this employer		11
Title	Surveyor		Years of relevant experience with other employer(s)		2
Degree(s) / Years / Specialization		BS / 2010/ Geomatics			
Active registration number / state / expiration date		5148 / LA / 03/31/2024			
Year registered	2015	Discipline	Land Surveying		
Contract role(s) / brief description of responsibilities		Professional Land Surveyor			
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).				
08/19-Ongoing	H.011670-I-10/Loyola Interchange Improvements, Kenner, LA - Project Manager providing Topographic Survey, Right- of-Way Survey, and Drainage Survey. The project stretches from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd.				
06/18 – 12/19	LA 98: Roundabout at Mills St., Lafayette Parish, LA- Project Manager to provide right of way surveys for this project that requires construction of new roundabout at the intersection of Mills Street and W. Gloria Switch Road (LA Hwy 98) in Lafayette Parish, Louisiana.				
11/18-04/19	LA 327 Spur: Staring Lane Ext. Route LA 327-S, East Baton Rouge Parish, LA- Project Manager for a topographic survey for this project which is located in East Baton Rouge Parish, in between the intersections of La 42 (Burbank Dr.) and Staring Ln. and La 327 (Gardere Ln.) and La 30. A complete Topographic survey including all utilities with depths and all drainage was required, along with finish floor elevations of all buildings that fall within the survey limits.				
09/17 – 12/19	S.P. No. H.011808.5- Palmetto Co. Canal Bridge, St. Landry Parish, LA- Surveyor to provide property surveys, title take- offs, and right-of-way map services for the removal and replacement of a timber trestle bridge that spans Bayou Des Glaises, located along La. Hwy. 10 in St. Landry Parish near the town of Palmetto, La.				
05/17 – 10/18	H.004791.5- Belle Chasse Bridge and Tunnel Replacement Hydrographic Survey, Plaquemines Parish, LA- Surveyor for comprehensive topographic surveying services for the Belle Chase Bridge and Tunnel Replacement project for LA DOTD. Included in this work was a survey performed utilizing traditional methods, terrestrial laser scanning of roadway surfaces, and multi-beam 3-D hydrographic surveying.				
01/18 – Ongoing	LA DOTD H.004100- I-10 (LA 415 to Essen Lane on I-10 and I-12), East and West Baton Rouge Parishes - Project Manager for topographic survey of the work between LSU lakes and Essen Lane.				
02/17-03/18	H.010753.5- US 90 / I-310 Interchange, St. Charles Parish, LA- Surveyor responsible for topographic surveying and 3-D laser scanning at the intersection of US-90 and I-310 in St. Charles Parish.				
8/14-Ongoing	LA DOTD H.004273.5 – I-49 Connector, Lafayette Parish, LA – Survey Manager responsible for providing topographic surveying services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long. Forte and Tablada, Inc. completed laser scanning services for much of the congested corridor as a means to obtaining topographic data without endangering surveyors.				



## Ross A. Wilson, P.L.S. (CONT.)

03/13-07/15	<b>LA DOTD H.004698 – Almonaster Avenue Lift Bridge, Orleans Parish, LA</b> – Survey Manager responsible for performing topographic and property surveys, developing a drainage map, establishing existing right-of-way for the north line of I- 10, Almonaster Avenue, and CSX Railroad property, and establishing elevations to develop a Digital Terrain Model with widths matching the limits of the topographic survey.
10/18-02/19	<b>Sunshine Bridge Damage Survey, St. James Parish, LA</b> - Surveyor responsible for establishing control on and near the Sunshine Bridge to use survey and laser scanning methods to monitor the damage on the bridge. This project included utilizing LiDAR data.
06/19–09/19	<b>H.000303.6- Danziger Bridge Repair, Orleans Parish, LA</b> - Surveyor for Topographic and Monitoring survey and laser scanning of Danziger bridge. This survey is necessary due to damage of joints, deck, and girder ends of the fixed spans on both sides of the bridge. This project included utilizing LiDAR data.
01/13- 12/13	<b>LA DOTD H.009933 – MacArthur Interchange Project Phase 1B, Orleans Parish, LA</b> – Responsible for laser scanning general areas in support of topographical survey, including location and elevation surveys, for redundancy and volume.
01/13-03/13	<b>LA DOTD H.009250 – I-10: Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LA</b> – Survey Manager for the topographic survey of approximately 7.0 miles to widen the interstate.
10/13-10/14	<b>LA DOTD H.002365.5 – LA 63: Bridges near Bluff Creek, East Feliciana Parish, LA</b> – Provided topographic surveys in preparation for bridge replacements with drainage structures along three portions of the existing highway including utility location and depths. Finished floor elevations of all buildings that fall within the survey limits were determined.
01/10-12/12	<b>LA DOTD H.003119 – I-10 Design Build: Siegen Lane to Highland Road, East Baton Rouge Parish, LA</b> – Technician for the construction stakeout and topographic surveying for 2.8 miles on the interstate. Utilized GPS, conventional-robotic, and differential leveling surveying on this project.

## 16. Staff Experience:

Firm employed by					
Name	<b>Brent M. Campbell</b>		Years of relevant experience with this employer		10
Title	Advanced Measurements and Modeling Technician		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		BS/ 2013 / Construction Management			
Active registration number / state / expiration date					
Year registered		Discipline			
Contract role(s) / brief description of responsibilities		<b>Laser Scanning Technician</b>			
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).				
10/19 – 10/20	<b>H.012485.1- Inspection of Metal Culverts, Statewide, LA</b> – Laser scanning technician to provide inspections and data acquisition for approximately 230 culvert locations statewide. Culvert measurements were acquired with a mixture of 3-D laser scanning, sonar, and LIDAR.				
02/17 – 03/18	<b>LA DOTD H.010753.5 – US 90 / I-310 Interchange, St. Charles Parish, LA</b> – Responsible for 3-D laser scanning at the intersection of US 90 and I-310 in St. Charles Parish. This project will allow improvements for safety and efficiency. The complete topographic survey includes all utilities with depths and all drainage required along with finish floor elevations of all buildings that fall within the survey limits.				
05/19 – 09/19	<b>H.000303.6- Danziger Bridge Rehabilitation, Orleans Parish, LA</b> – Laser scanning and project technician for survey investigation of Danziger Bridge. Included laser scanning and comparison of actual conditions to original plans.				
02/17–03/18	<b>LA DOTD H.010753.5 – US 90 / I-310 Interchange, St. Charles Parish, LA</b> – Project Technician responsible for topographic surveying and 3-D laser scanning at the intersection of US90 and I-310 in St. Charles Parish. This project will allow improvements for safety and efficiency. The complete topographic survey includes all utilities with depths and all drainage required along with finish floor elevations of all buildings that fall within the survey limits.				
08/14 - Ongoing	<b>LA DOTD H.004273.5 -I-49 Connector, Lafayette Parish, LA</b> – Responsible for laser scanning services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long. Forte and Tablada, Inc. completed laser scanning services for much of the congested corridor as a means to obtaining topographic data without endangering surveyors.				
01/13-12/13	<b>LA DOTD H.009933 MacArthur Interchange Project Phase 1B, Orleans Parish, LA</b> – Responsible for laser scanning general areas in support of topographical survey including location and elevation surveys, for redundancy and volume.				
01/13-03/13	<b>LA DOTD H.009250 I-10 (Highland to LA 73), East Baton Rouge and Ascension Parishes, LA</b> – Responsible for laser scanning of several bridges overpassing I-10, and extracting/coding survey coordinates and alignments. Also determined minimum horizontal and vertical clearances.				
03/13-07/15	<b>LA DOTD H.004698 Almonaster Avenue Lift Bridge, Orleans Parish, LA</b> – Responsible for laser scanning of Almonaster lift bridge and determination of various bridge geometrics and counterweight volume based on scan data. Provided 2-D plan geometry and elevations, as well as coded survey data. Used scanning to perform rail survey for inaccessible areas.				

## 16. Staff Experience:

Firm employed by	<b>HNTB</b>			
Name	<b>Patrick Roth, P.E.</b>		Years of relevant experience with this employer	10
Title	Advanced Measurements and Modeling Technician		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS/ 2008/ Civil Engineering / Louisiana State University		
Active registration number / state / expiration date		41533 / LA / 09-30-23		
Year registered	2017	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Structural Inspection Lead</b>   Mr. Roth is project manager / NHI/FHWA Certified Bridge Inspector in HNTB's bridge group and brings 12 years of structural and bridge engineering experience including the inspection, analysis and rehabilitation of existing structures as well as design of new bridge, highway and flood control structures. He is also experienced in construction management and has provided on-site services for bridge construction projects. As project manager/lead inspection team leader, Mr. Roth is responsible for planning, scheduling all personnel and equipment, coordination with multiple agencies, and managing multiple teams in the field to ensure completion of the project with high quality, on time, on budget, to the client's satisfaction. Mr. Roth completed the NHI-130053 "Bridge Inspection Refresher Training" course, the NHI-130055 "Safety Inspection of In-Service Bridges" course, and the NHI-130078 "Fracture Critical Inspection Techniques For Steel Bridges" course. He also earned the SPRAT Level I Rope Access Technician certificate and the ATSSA Traffic Control Supervisor and Technician certificate.		
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).			
03/16-present	<b>2016 and 2019 Retainer Contracts for NBIS Inspection of Complex Bridges, Statewide, LA</b> – Project manager/lead team leader for the NBIS in-depth inspections of I-310 Luling MS River Bridge, John James Audubon MS River Bridge, US90 New Orleans MS River Bridges, LA 23 Judge Perez Bridge, LA-1 Lockport Bridge, US 90 Atchafalaya River Bridge, I-10 Calcasieu River Bridge, I-10 Baton Rouge MS River Bridge, US 90 Danziger Bridge, Ted Hickey Bridge, and Claiborne Avenue Bridges. Bridge types inspected include cable-stayed, cantilever truss, vertical lift, bascule, PPC girders, deck truss, and steel trestle bents. His duties included planning inspection, scheduling all personnel and equipment, and managing multiple teams in the field. Fracture critical members were inspected by him as part of this work. He was responsible for development of the element level reports and In-depth inspection reports.			
05/21-06/22	<b>West Arkansas Department of Transportation, Hernando de Soto Bridge (I-40) over the Mississippi River, Arkansas and Memphis, TN</b> – Team leader for the emergency inspections of the back-to-back, 900-foot tied trussed arch bridge unit over the Mississippi River. These inspections resulted from the identification of a significant fracture in a section of the fracture critical tie girder, requiring immediate closure of the span to traffic and the Mississippi River to navigation traffic. HNTB assisted the Arkansas Department of Transportation with the review of repairs designed by the Tennessee Department of Tennessee's consultant. HNTB developed a structural model which demonstrated that there was no viable alternative load path and that the bridge should remain closed until repairs could be safely implemented.			
02/18-07/18	<b>BR-0015-01(129)/106736-301000: US 84 Mississippi River Westbound Bridge Painting and Pin &amp; Link Replacement, Natchez, MS</b> - On-site project engineer performing CE&I services for Mississippi DOT. His duties included answering RFIs, reviewing shop drawings and all contractor submittals, inspection of all structural construction activities, final acceptance inspection, QA, assisting DOT PM with close out documentation.			

## Patrick Roth, P.E. (CONT.)

06/17-present	<b>H.011494.5: US 90 Atchafalaya River Bridge Rehab, Morgan City, LA</b> – On-site project engineer performing CE&I services for this bridge rehabilitation project. He was a certified team leader for the NBIS In-depth inspection of this bridge and assisted in the development of the rehabilitation plans. His duties as project engineer included answering RFIs, reviewing shop drawings and all contractor submittals, inspection of all structural construction activities, final acceptance inspection, QA, assisting DOT PM with close out documentation.
01/18-08/18	<b>St. Claude Second Link Pin Repairs, New Orleans, LA</b> - Project engineer performing CE&I duties for this movable bridge rehabilitation projects in New Orleans. The St. Claude Bridge is a Strauss-type single-leaf bascule bridge owned by the Port of New Orleans which carries four lanes of vehicular traffic over the Inner Harbor Navigation Canal. This project had an extremely critical construction schedule due the bridge only being allowed to be taken out of service for 10 days. For this project, he and the HNTB project team was available on-site 24 hours a day to answer any questions and tackle any changes or challenges that arose during the construction.

## 16. Staff Experience:

Firm employed by	<b>HNTB</b>			
Name	<b>Joshua Porter, P.E.</b>		Years of relevant experience with this employer	6
Title	Bridge Project Engineer		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		BS/ 2010/ Civil Engineering / Louisiana State University		
Active registration number / state / expiration date		39513/ LA / 09-30-23		
Year registered	2015	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>MPR 5, Load Rating Lead, Structural Inspection &amp; Rehab</b>   Mr. Porter has experience in bridge design, load rating, inspection, and detailing. His experience spans many types of structures, including trusses and gusset plates, PPC girders and curved and straight steel girders. He has also provided cost estimating, benefit analysis and project management services. Mr. Porter has a keen understanding of the AASHTO LRFD Bridge Design Specifications and the AASHTO Manual for Bridge Evaluation. He also has experience with AASHTO Bridge Rating and Bridge Design, LEAP CONSPAN AND RC Pier, STAAD and CSi Bridge. He attended the 2012 LADOTD Movable Bridge Inspection Workshop and is a certified bridge inspection team leader.		
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).			
12/19-11/20	<b>LADOTD, H.012485.1, Off-System Load Rating (53 Bridges), Various Locations, LA</b> – Project manager and lead rating engineer on a task order to load rate 53 off system bridges. This was as a subconsultant on a larger project totaling 428 structures. To meet the federal requirements, the schedule was greatly condensed and required coordination among a large group of staff. HNTB completed load ratings using AASHTOWare Bridge Rating and Bentley STAAD.pro software to model superstructures and substructures. The structures varied in complexity and included Steel Girders, Reinforced Concrete Girders, Reinforced Concrete Slabs, Prestressed Concrete Girders, and Prestressed Concrete Slabs.			
10/16-03/18	<b>LADOTD, H.009859, Load Rating of Complex Bridges, Rapides and St. Mary Parishes, LA</b> – Lead rating engineer for this project that involved the inspection and load rating of two truss bridges: the LA 182 over Charenton Canal Bridge and the Jackson Street Bridge over the Red River. Completed the load rating of the Charenton Canal truss and reinforced concrete spans, developed the load rating report, and in a separate project, developed means to rehabilitate the structure. Led the inspection of the Jackson Street Bridge in Alexandria, LA, and oversaw and checked the rating of the truss and steel girder spans and substructures of the Jackson Street bridge.			
01/14-12/15	<b>LADOTD, 18 Posted Bridges, Various Locations, LA</b> - Load rating engineer inspector who assisted in the development of recommendations of methods to remove the load posting of 18 bridges throughout major truck routes in Louisiana. Led the inspections to verify major deficiencies listed in previous inspection reports. Also assisted in the analysis, evaluation and final recommendations on removing the posting, rehabilitation, or replacement of the bridges. The bridges included reinforced concrete girder spans, prestressed concrete girder spans, steel truss swing spans and reinforced concrete slab spans. Refined analysis was used to justify the removal of the posting on some of the structures. For others, it was determined to either rehabilitate or replace the structures.			
06/14-06/15	<b>LADOTD, Load Rating of 125 Bridges, Various Locations, LA</b> - Load rating engineer led the analysis, load rating and report development for 125 bridges throughout the state of Louisiana. The bridges included straight and curved steel I-girder spans, prestressed precast concrete girder spans, reinforced concrete girder spans and slab span superstructures. Pile supported sub structures consisting of timber, concrete and steel piles were included in the ratings.			



## Joshua Porter, P.E. (CONT.)

01/14-10/14	<b>LADOTD, H.003003, H.003014 &amp; H.010601: I-10 Bridge Evaluation near Lafayette, Lafayette and St. Martin Parishes, LA</b> – Load rating engineer who developed load rating models for many of the superstructures, determined which bridges met the minimum criteria allowing widening, developed cost analysis for widening versus replacements, developed reports outlining the benefits of each. The project was to evaluate 22 bridges along the I-10 corridor near Lafayette, LA for widening.
06/13-08/14	<b>LADOTD, LA 1 over I-49 Bridge Rehabilitation, Rapides Parish, LA</b> - Designer, load rating and plan developer who assisted in the design of the substructure and drilled shafts for the new intermediate and end bents, the development of construction plans, and the as-designed load rating. The project was a rehabilitation of an existing bridge that had been subjected to settlement at the abutments, causing twisting of the existing continuous steel girder spans and failure of bearings.
04/11-11/11	<b>LADOTD, Valero Refinery Super-Overload, St. John the Baptist Parish, LA</b> - Load rating task manager who developed a method to effectively load rate the US 61 bridge over the Bonnet Carre' Spillway to allow for a super-overload to cross. The load was part of an expansion project of the Valero refinery in Norco, Louisiana. Once it was determined that the structure would not pass with conventional methods of analysis, developed a refined analysis model incorporating the transfer of movement through a continuous deck and continuity diaphragm, allowing the vehicle to cross. Prior to the crossing, the bridge was instrumented, and the vehicle was weighed by a consultant. The results obtained by the consultant were then used to further refine the model. This new model allowed larger vehicles to pass.

## 16. Staff Experience:

Firm employed by	<b>HNTB</b>			
Name	<b>Marc Hoffmann, P.E.</b>		Years of relevant experience with this employer	5
Title	Project Engineer		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		MS/ 2018/ Civil Engineering / Louisiana State University BS/ 2015/ Civil Engineering / Louisiana State University		
Active registration number / state / expiration date		44342/ LA / 09-30-24		
Year registered	2020	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Load Ratings &amp; Structural Inspection</b>   Mr. Hoffmann is a bridge engineer with experience in the areas of bridge inspection, design, and evaluation and rehabilitation. He has extensive knowledge of the AASHTO manuals for bridge design and bridge evaluation, as well as the LADOTD Bridge Design Manual.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
06/16-02/17	<b>LADOTD, H.009859.5, Inspection and Load Rating of Three Complex Truss Bridges, Statewide, LA</b> - Inspector and technical engineer tasked with the inspection of the gusset plates for each of the three truss bridges. Performed load rating analysis. Coordinated with local state traffic control divisions, taking measurements and recording observations during the inspection, and performing post-analysis and generating inspection reports for each bridge.			
06/16-02/17	<b>LADOTD, H.009859.5, Load Rating of 18 Complex Bridges, Statewide, LA</b> - Technical engineer tasked with conducting quality checks on all models and reports for each of the 18 complex bridges. Ensured results were accurate and representative of the condition of the bridges after each bridge was deemed ready for review.			
01/15-06/16	<b>LADOTD, H.009859.5, Load Rating of 125 Bridges, Statewide, LA</b> - Technical engineer tasked with analyzing bridges and generating summary reports. The bridges to be analyzed consisted of reinforced concrete slab bridges, reinforced concrete beam bridges, pre-stressed concrete beam bridges, and steel I-beam bridges. He created and evaluated models for the superstructure of each bridge using AASHTOWare Bridge Rating. Models were made for the substructure of each bridge using Bentley RC Pier.			
02/18-06/18	<b>LADOTD, LA 27: I-10 Overpass Repairs, Sulphur, LA</b> - Inspector/technical engineer for this emergency project performing initial inspection, damage assessment, load rating analysis of the current bridge condition and producing rehabilitation repair drawings for the LA 27 bridge over I-10 that was struck by an over-height vehicle. Other responsibilities included performing the current load rating analysis of each bridge, producing MicroStation sheets for the rehabilitation plans, taking measurements/recording observations during the inspection and performing post-analysis and generating inspection reports for each bridge. For the analysis, models were created for the superstructure of each bridge using AASHTOWare Bridge Rating. Once the models were analyzed, summary reports were written to communicate the overall condition and assessment of each bridge with recommended repair options. He was also tasked with producing repair details for major portions of the bridge using Bentley MicroStation.			

## Marc Hoffmann, P.E. (CONT.)

01/14-10/14	<b>LADOTD, LA 70 Over Pierre Part Bay, Assumption Parish, LA</b> - Technical engineer tasked with load rating the superstructure and substructure, as well as providing a condition assessment report based on the inspection findings with recommended repairs. The superstructure was modeled using AASHTOWare Bridge Rating, and the substructure was modeled using STAAD Pro. Once the load rating and condition assessment were completed, the findings were presented to LADOTD with the recommended repair plan and a preliminary cost estimate. Project consisted of inspecting, load rating, and providing a condition assessment report that included suggested items for rehabilitation of the LA 70 bridge over Pierre Part. The bridge is a movable bridge consisting of a two-girder floorbeam system that pivots on a center pier. The inspection encompassed all portions of the bridge including mechanical and electrical systems.
10/18-05/19	<b>LATOD, LA 532 Over I-20 Bridge, Webster Parish, LA</b> - Technical engineer responsible for designing the major portions of the bridge, including the girders, deck, and substructure. Project consisted of removing and replacing the LA 532 Bridge over I-20. The project consisted of a completely new bridge design on a new alignment of LA 532. The new bridge design utilized precast prestressed concrete beams on reinforced concrete bent caps with reinforced concrete columns. Models were created for the superstructure and substructure of the bridge using Leap Bridge Concrete, and the models were used for the design. Once the design was finalized, MicroStation sheets were created to convey the design and construction intent, and the sheets were submitted to LADOTD. The new structure was load rated using AASHTOWare Bridge Rating, and a load rating report was submitted to LADOTD.
04/21-present	<b>I-20: Orange Street Overpass Repair, Monroe, LA</b> - Project consisted of repairing a 123-foot steel girder span that was hit by an over-height vehicle. The project consisted of replacing 57 transverse stiffeners and performing heat straightening of two steel I-beam girders. As a technical engineer on the project, Marc was tasked with performing quality control on the transverse stiffener replacement design, heat straightening means and methods, as well as the MicroStation plan set put together by younger engineers. Marc also assisted with the as-repaired load rating analysis of the steel girder span. Marc performed quality control of the bridge load rating to ensure compliance with AASHTO codes. Marc ensured the results and evaluation report compiled accurately reflected the condition of the bridge.

## 16. Staff Experience:

Firm employed by	<b>HNTB</b>			
Name	<b>Patrick Duffy, P.E.</b>		Years of relevant experience with this employer	1
Title	Engineer III		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		MS/ Civil Engineering / Louisiana State University BS/ Civil Engineering / Louisiana State University		
Active registration number / state / expiration date		45363/ LA / 09-30-23		
Year registered	2021	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Load Ratings</b>   Mr. Duffy serves as an engineer within HNTB's New Orleans office's Bridge Design Group. He has experience working on a variety of bridges, including slab span, steel I-beam, steel plate girder swing span, steel truss, concrete precast slab units, and concrete prestressed girder bridges. Having worked on both simple and complex bridges throughout the state of Louisiana for the LADOTD, he is familiar with the proper requirements and standards that the LADOTD expects. He is proficient in essential programs such as AASHTOWare BrR, Bentley LEAP RCPier, MathCad, AutoCAD, and Austodesk Storm and Sanitary Analysis.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
10/17-09/18	<b>LADOTD, Load Rating of 18 Complex Bridges, Statewide, LA</b> – Project consisted of analyzing 18 on-system complex bridges in Louisiana with the goal of providing LADOTD with an overall assessment of the current condition of each bridge. The bridges to be analyzed consisted of truss bridges, movable truss bridges, movable steel two girder swing span bridges, pontoon bridges, continuous curved steel beam bridges and skewed prestressed concrete beam on/off ramp bridges. Patrick was tasked with the load rating of two bridges: a Steel High Truss Swing Span (Chef Menteur Highway over East Pearl River) and a Steel Plate Girder Swing Span Bridge (Bayou Jacob Rd over Intercoastal Waterway). To properly load rate these bridges, he reviewed the as-built drawings of the bridge, determined the appropriate load rating method and procedures, created superstructure models in AASHTOWARE BrR, and compiled a thorough report.			
02/19-08/19	<b>LADOTD, Load Rating of 27 Bridges, Statewide, LA</b> - Structural engineer intern responsible for load rating and evaluation performed with SDR Engineering on 27 complex bridges throughout the state. The bridge types consisted of cast-in-place slab, prestressed concrete girders, steel plate-girders, truss bridges, and swing spans. The superstructures were rated using Bridge Rating AASHTOWARE and the substructures were rated using RC-Pier and MathCad Sheets. The bridge he load rated in this project is South Broad Ave. over the Pontchartrain Expressway, a 2589-foot-long steel I-Beam bridge, in New Orleans built in 1951. To properly load rate this bridge, he reviewed the as-built drawings of the bridge, determined the appropriate load rating method and procedures, created 59 unique span and cross girder models in AASHTOWARE BrR, and compiled a thorough report. This report contained descriptions of the existing bridge and conditions, the procedures used for the analysis, and the load rating results.			
07/19-09/20	<b>LADOTD, Load Rating of 396 Bridges, Statewide, LA</b> - Structural engineer intern responsible for rating 13 bridges, assisting younger engineers on the load rating process, and provided QA/QC review of the bridge models, results, and reports of 46 other bridges. He reviewed the as-built drawings of the bridges, determined the appropriate load rating method, performed load rating analysis on the selected bridges using AASHTOWARE Bridge Rating, LEAP Bridge Concrete, and MathCad, and wrote the load rating reports of the findings. Load rating and evaluation was performed by SDR Engineering on 396 off-system bridges throughout the state. The bridge types in this project are cast-in-place slab, precast slab units, concrete deck girder, prestressed concrete girders, steel plate-girders, frame culverts, arch culverts, and swing spans.			

## 16. Staff Experience:

Firm employed by	<b>HNTB</b>			
Name	<b>Nicholas Hart, P.E.</b>		Years of relevant experience with this employer	8
Title	Bridge Engineer III		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		MS/ 2016 / Civil Engineering / Louisiana State University BS/ 2013 / Civil Engineering / Louisiana State University		
Active registration number / state / expiration date		43150 / LA / 09-30-23		
Year registered	2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Load Rating &amp; Structural Inspection</b>   Mr. Hart brings experience in bridge analysis and design, plan development, plan review, and field inspection. His responsibilities have included inspection of various types of superstructures and substructures, analysis, and load rating of various types of superstructures and substructures, design of traditional bridges and structures other than traditional bridges, plan development and quality control review. He has experience with AASHTO LRFD bridge design specifications, LADOTD BDEM, NCDOT SMU Manual, AASHTO Highway Safety Manual, AASHTO Policy on Geometric Design of Highways and Streets, MicroStation, AutoCAD, and Mathcad.		
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).			
04/20-07/20	<b>LADOTD, H.012485.1, Load Rating of Off-System Bridges, Statewide, LA</b> – Bridge Engineer who completed load ratings using AASHTOWare Bridge Rating and Bentley STAAD.pro software to model superstructure and substructure for 53 bridge structures. Upon completion of ratings, summary reports of the findings and recommendations were provided to LADOTD. The structures varied in complexity and included Steel Girders, Reinforced Concrete Girders, Reinforced Concrete Slabs, Prestressed Concrete Girders, and Prestressed Concrete Slabs.			
09/19-05/20	<b>LADOTD, H.009859.5, LRFR Bridge Ratings for I-10, Lake Charles, LA</b> - Bridge Engineer who completed load ratings using AASHTOWare Bridge Rating and Bentley STAAD.pro software to model superstructure and substructure for 25 bridge structures. Upon completion of ratings, summary reports of the findings and recommendations were provided to LADOTD. The structures varied in complexity and included Steel Girders, Reinforced Concrete Girders, Reinforced Concrete Slabs, Prestressed Concrete Girders, and Prestressed Concrete Slabs.			



## 16. Staff Experience:

Firm employed by	<b>HNTB</b>			
Name	<b>John Bernard, P.E.</b>		Years of relevant experience with this employer	24
Title	Senior Project Engineer		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS/ 1998 / Civil Engineering / Louisiana State University		
Active registration number / state / expiration date		31026 / LA / 03-31-24		
Year registered	2004	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Load Rating/Refined Analysis</b>   Mr. Bernard's experience includes bridge design, widening, repair, rating, and inspection for steel trusses, movable bridges, curved and straight plate girders, pre-stressed girders and timber structures. He has inspected 5 Mississippi River Bridges. He has load rated over 100 bridges. He is experienced with AASHTO & LADOTD bridge design and evaluation manuals, AASHTOWare BrDR, and 3-D modeling of complex bridges.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
05/13-present	<b>LA-1 Leeville to Golden Meadow, Phase II, Leeville, LA</b> - Lead designer for superstructure design including 3-D CSi Bridge modeling of a steel plate girder span.			
02/16-05/17	<b>US 90 over LA 14, Iberia Parish, LA</b> - Lead designer for phased, accelerated bridge construction of a 49-degree skewed, steel plate girder superstructure using 3-D CSi Bridge modeling.			
02/13-06/18	<b>Westbound US 84 MS River Bridge: Pin &amp; Link Replacement and Repainting, Natchez, MS</b> - Lead designer for two repair plans to replace primary truss link systems that support suspended spans that included 3-D truss modeling.			
02/13-04/13	<b>LA 20 over Bayou Chevreuil, St. James Parish, LA</b> - Rated damaged pile bents using 3-D STAAD analysis. Other ratings included CIP and precast slab spans and the steel beam main span.			
07/12-08/12	<b>I-20/I-55 over Pearl River (Fatigue Life Study), Hinds County, MS</b> - Used LUSAS 3-D finite element models for plate girder, welded diaphragm bracing rehabilitation.			
11/02-05/12	<b>Highway 11 Over Doullut Canal at Empire, Louisiana</b> - Performed designs for a 150-ft unequal arm swing span bridge with slab span approaches. Used 3-D STAAD analysis.			

## 16. Staff Experience:

Firm employed by	<b>HNTB</b>			
Name	<b>Dusty Bastion P.E.</b>		Years of relevant experience with this employer	10
Title	Bridge Project Manager		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS/ 2007/ Civil Engineering / Louisiana Tech University		
Active registration number / state / expiration date		31026 / LA / 03-31-24		
Year registered	2011	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Load Rating</b>   Mr. Bastion, a former LADOTD engineer, has experience in project management, design, detailing, analysis, inspection, and load rating of bridge structures. His responsibilities include structural design, plans, specifications and estimates development, specifications development, cost estimating, quality control review and project management ranging from standard bridge projects to non-typical accelerated time frame projects. He is proficient with AASHTO LRFD bridge design specifications.		
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).			
01/17-05/19	<b>LADOTD, H.010007, LA 70: Pierre Part Bay Bridge Rehabilitation, Pierre Part, LA</b> – Project manager for this condition assessment, load rating and repair recommendations assignment for a swing span bridge with reinforced concrete approach spans. This assignment focused on preventative maintenance of this structure and included structural, mechanical, and electrical disciplines. Mr. Bastion managed all aspects of this assignment including client and interdisciplinary coordination as well as participated in many project tasks.			
04/13-06/14	<b>LADOTD, H.002281, LA 66: Big Bayou Sara Bridge Rehabilitation, West Feliciana Parish, LA</b> - While working for another consulting firm, Mr. Bastion served as project engineer on this bridge rehabilitation of a historic pony-truss structure crossing over Big Bayou Sara. This project included strengthening and rehabilitating the existing pony truss and steel stringer spans as well as placing scour countermeasures to prevent excessive scour near the substructures. Structural rehabilitation took the historic nature of this bridge into account to ensure the appearance of the structure remained the same after the project was complete.			
04/13-present	<b>LADOTD LA 1 Leeville to Golden Meadow Phase 2, Leeville, LA</b> - Project manager for this bridge project, which will eventually connect at-grade LA 1 to the existing Phase 1 structure. His duties include coordination with LADOTD personnel, superstructure development, substructure development and geometric alignment development. This project is multi-faceted, including refined design and analysis, a phased design and construction approach, a tolling facility, levee, flood wall and pipeline crossings, unique accelerated bridge construction methods, and environmental regulations. This project is currently under construction, and he is leading all construction support services activities.			


## 16. Staff Experience:

Firm employed by	<b>HNTB</b>			
Name	<b>Ben Goodner, P.E.</b>		Years of relevant experience with this employer	15
Title	Engineer II		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS/ 2008/ Civil Engineering / Louisiana State University		
Active registration number / state / expiration date		38208 / LA / 03-31-24		
Year registered	2013	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Structural Inspection</b>   Mr. Goodner has experience in bridge design, bridge inspection, application of Bentley MicroStation and Inroads, CADD/modeling in civil design, levee, floodwall, roadway, drainage design and levee inspection in Louisiana.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
11/16-08/17	<b>LADOTD, H.009859.5, Louisiana Complex Rating Retainer Contract, Jackson St. Bridge Rating and Inspection, Alexandria, LA</b> - Team leader on the inspection of this movable truss identifying and documenting deficiencies and current condition. He helped rate the truss bridge for existing conditions.			
06/17-09/17	<b>LADOTD, H.011494, US 90 Atchafalaya River Bridge Repairs, Morgan City, LA</b> - Lead engineer developing bridge rehabilitation plans based on the inspection report. Repair items consisted of lower chord splice plate repairs, connection angle and plate retrofits and replacements, replacing missing or severely corroded bolts and rivets, retro fit of a new safety cable system, and gusset plate stiffening.			
05/13-06/17	<b>LADOTD, H.008145, LA 1 Leeville to Golden Meadow Phase 2, Leeville, LA</b> - Lead engineer for this project, developing design and plans for the 9-mile stretch of bridge and 300 feet of concrete T-wall. Responsibilities included preliminary superstructure design of LG girders, deck design, substructure design, preliminary and final plan development, checking plans and design calculations, T-wall site layout, plan and specification development.			
02/13-06/17	<b>LADOTD, Louisiana Bridge Retainer 002893, US 90 over LA 14 Accelerated Bridge Replacement, New Iberia, LA</b> - Lead engineer responsible for developing design plans for the substructure and MSE walls as well as rating the as-designed structure. He was a key member in the team tasked with developing accelerated bridge construction procedures.			

## 16. Staff Experience:

Firm employed by	<b>HNTB</b>			
Name	<b>Aravind Tankasala, PhD, PE</b>		Years of relevant experience with this employer	4
Title	Engineer II		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		PhD / 2017 / Civil Engineering / Auburn University MS / 2013 / Civil Engineering / Purdue University BS / 2011 / Civil Engineering / National Institute of Technology Calicut, India		
Active registration number / state / expiration date		46286/ LA / 03-31-24		
Year registered	2021	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Structural Design</b>   Dr. Tankasala is a bridge engineer, and as a registered member of ACI, he possesses a working knowledge of structural analysis, concrete materials testing and national codes and standards such as AASHTO, ASTM, and ACI. He has drafted reports and frequently applies his strong programming skills. He has experience with MATLAB, MATHCAD, FORTRAN, ABAQUS, STAAD.Pro, SAP2000, LEAP Bridge, MicroStation, and AutoCAD.		
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).			
08/19-07/20	<b>LADOTD, H.012485.1, Louisiana Bridge Rating, Statewide, LA</b> - Rated the superstructure and substructure for various types of bridges. The bridges include prestressed concrete girder spans, slab spans and continuous reinforced concrete girder spans. Put together rating reports and performed quality control checks on spans.			
10/18-05/19	<b>LADOTD, H011208, LA 1 Phase 2B, Leeville to Golden Meadow Bridge, Lafourche Parish, LA</b> - Bridge engineer for this design-build contract to construct a pre-stressed concrete girder bridge superstructure and concrete floodwall design. He assisted with the quality control check on the final plans comprising of three alternative bridge designs which included the super and sub-structure.			
12/18-04/19	<b>LADOTD, H.0100008, LA 532 over I-20 Webster, Richland Parish, LA</b> - Bridge engineer for this design-build contract to construct a pre-stressed concrete girder bridge superstructure and substructure over I-20. Assisted with the design and detailed drafting of both the super and substructure. Developed custom made excel spreadsheets to check for column design and prestressed girder design. Performed quality control check on the final plans which included the super and sub-structure.			

## 16. Staff Experience:


Firm employed by	 moffatt & nichol		
Name	<b>Christopher (Chip) Eschenbach</b>	Years of relevant experience with this employer	4
Title	Bridge Inspector	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities	<b>Bridge Inspector</b>		
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).		
11/19–Present	<b>LADOTD IDIQ for In-Depth Bridge Inspection, Statewide, LA</b> - NBIS Team Member for one of the current five-year retainer contracts as a major subconsultant to HNTB, contracted to perform in-depth bridge inspections on complex, signature, long-span bridges. Performed the inspections of both cable-stayed bridges (Audubon and Luling) with rope access techniques to inspect 208 cables between the two bridges, their Gensui Dampers, and anchorages. Performed the inspection of I-10 Horace Wilkinson Bridge utilizing rope access techniques and rolling lane closures to greatly minimize traffic impacts. Performed a supplemental inspection of the GNO Cantilever Truss Bridges in New Orleans utilizing rope access techniques. Performed a fracture critical inspection of the Green Bridge, a steel tied arch in New Orleans utilizing rope access and UAS access techniques. Performed the inspection of the I-10 Bridge over the Calcasieu River in Lake Charles utilizing rope access on FCM's and UAS access techniques on columns.		
01/20 – Present	<b>LADOTD IDIQ for In-Depth Bridge Inspection of Complex Structures, Statewide, LA</b> - NBIS Team Member for one of the current five-year retainer contracts as a major subconsultant to Gresham Smith, to perform in-depth bridge inspections on complex, movable, long-span, and precast segmental box girder bridges. Performed and lead the structural, mechanical, and electrical inspections of six (6) movable bridges utilizing detailed, nondestructive and laboratory testing methods with hand sketches. Hands-on management and implementation of the QA/QC plan is vital to the continued success of this project.		
08/18–Present	<b>LADOTD IDIQ for Underwater Bridge Inspection, Statewide, UWI District 62, Baton Rouge, LA</b> - Bridge Inspector for bridges in District 62. Responsibilities included the underwater portion of the bridge inspection. Tasks for inspection of said bridges included inspection of all underwater members, gathering sediment depths around bridges, listing any additional defects not listed in previous reports, taking photos and updating current information on each bridge. Responsibilities for the job compiled of equipment preparations, driving the truck and company boat, diving on bridges and assisting with the inspection and data collection for the bridges above the water. The diving operations were conducted from the Baton Rouge pontoon boat using surface-supplied diving or scuba diving techniques to ensure safe practices as well as clear and precise notations.		
09/22 – Present	<b>Mississippi Office of State Aid Road Construction Master Services for Complex Bridge Inspections, Statewide, MS</b> - NBIS Bridge Inspector for 8 bridges including a load rating summary review, report drafting, and quality control reviews.		




## 16. Staff Experience:

Firm employed by	 moffatt & nichol			
Name	<b>Jeffrey Gazarek, COSS, COSM</b>		Years of relevant experience with this employer	7
Title	Safety & Risk Assessment Lead		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		Commercial Diving with Concentration in Subsea Inspection / 2005 / Divers Institute of Technology		
Active registration number / state / expiration date		Certified Occupational Safety Manager and Specialist / General Industry (OSHA 1910 and 1926).		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		<b>Safety Manager</b>		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
06/20 – Present	<b>Port of Long Beach (POLB) On-Call Waterfront Facilities Inspection &amp; Assessment Services, Long Beach, CA</b> - Dive inspector and site safety specialist for waterfront facilities at POLB. Responsibilities included above and below water inspection of the concrete pile structure at Pier C Berths C60- C62. Responsibilities for the project included equipment preparations, on-site safety, inspecting all structures above and below the water. The diving operations were conducted off Moffatt & Nichol's Pier Review vessel and used either surface-supplied diving or scuba diving techniques to ensure safe practices as well as clear and precise notations.			
11/19 – Present	<b>LADOTD IDIQ for In-Depth Bridge Inspection, Statewide, LA</b> - Site safety specialist, sonar specialist and senior dive supervisor for the current five-year retainer contract (2019-2024) to perform in-depth bridge inspections on complex and movable bridges throughout Louisiana. As the primary subconsultant to HTNB, Moffatt & Nichol is performing complete in-depth inspections (fulfilling both routine and fracture critical inspection types) as a quality assurance measure on the District personnel for the Headquarters Bridge Inspection Office. Level I, II, and III inspections of submerged elements in accordance with the FHWA, BIRM, AASHTO MBE and BEIM, current NBIS requirements and the LADOTD Bridge Inspection Manual (BIM) will be required as needed. Bridge types include cantilever trusses, segmental concrete box girders, movable swing span bridges, bascule bridges, cable-stayed bridges and bridges of various configurations with timber elements.			
09/14 – Present	<b>LADOTD IDIQ for Underwater Bridge Inspection, Statewide, LA</b> - Sonar and senior dive supervisor of the current five-year retainer contract to perform underwater bridge inspections throughout Louisiana. Level I, II, and III inspections of submerged elements are performed in accordance with the FHWA BIRM, AASHTO MBE, current NBIS requirements and LADOTD requirements.			


## 16. Staff Experience:

Firm employed by	 moffatt & nichol			
Name	<b>Chace Hulon, PE</b>		Years of relevant experience with this employer	8
Title	Chief Bridge Inspector		Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering		
Active registration number / state / expiration date		39701 / LA / 09/30/2023		
Year registered	2009	Discipline	Civil	
Contract role(s) / brief description of responsibilities		<b>Bridge Inspection</b>		
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).			
11/19 – Present	<b>LADOTD IDIQ for In-Depth Inspection of Complex Bridges, Statewide, LA</b> - Project Manager and Team Leader to perform in-depth bridge inspections on complex, signature, long-span bridges. Performed the inspections of both cable-stayed bridges (Audubon and Luling) with rope access techniques to inspect 208 cables between the two bridges, their Gensui Dampers, and anchorages. Performed the inspection of I-10 Horace Wilkinson Bridge utilizing rope access techniques and rolling lane closures to greatly minimize traffic impacts. Performed a supplemental inspection of the GNO Cantilever Truss Bridges in New Orleans utilizing rope access techniques. Performed a fracture critical inspection of the Green Bridge, a steel tied arch in New Orleans utilizing rope access and UAS access techniques. Performed the inspection of the I-10 Bridge over the Calcasieu River in Lake Charles utilizing rope access on FCM's and UAS access techniques on columns. The Skydio drone with DroneDeploy and 3D Scan was used to capture an orthomosaic projection of the structure for digital twin models. Hands-on management and implementation of the QC review plan is vital to the continued success of this project.			
01/20 – Present	<b>LADOTD IDIQ for In-Depth Bridge Inspection of Complex Structures, Statewide, LA</b> - Project Manager and Team Leader, perform in-depth bridge inspections on complex, movable, long-span, and precast segmental box girder bridges. Performed structural, mechanical, and electrical inspections of six (6) movable bridges utilizing detailed, nondestructive, and laboratory testing methods with hand sketches. Utilized NDE methods (laser and acoustic) to analyze the rotational movement of an unstable pivot pier. Hands-on management and implementation of the QC review plan is vital to the continued success of this project.			
09/22 – Present	<b>OSARC Statewide Timber and Complex Bridge Inspections, Load Ratings and On-Call Services, Mississippi</b> - Project Manager and Team Leader to perform repair design inspections for load ratings on 8 bridges on first task order and 3 load ratings were performed on AASHTOWareBrR for the second task order.			
09/14 – Present	<b>LADOTD IDIQ for Underwater Bridge Inspection, Statewide, LA</b> - Project Director and Team Leader for the third cycle of contracts in which we've performed 1,375 underwater NBIS bridge inspections statewide. In-depth UWI were performed on 75 signature bridges over large waterways with deep foundations and dynamic channel conditions. All diving inspections were augmented with NDE acoustic imaging technology to consistently monitor streambed changes and structural deficiencies over subsequent inspection cycles. Acoustic hydrographic surveying methods were performed using the HydroLite-TM, Kongsberg Mesotech MS 1000, and the Norbit Winghead i77 units deployed from a vessel. QINSy, Qimera, Applanix POSPac, MMS systems, and MatLab were used for accurate and repeatable post processing and evaluations. Assisted LADOTD with several emergency response requests ranging from hours to days, utilizing local team members. Served as Chief Editor of the LADOTD Bridge Inspection Manual released in 2020.			


## 16. Staff Experience:

Firm employed by	 moffatt & nichol			
Name	<b>Herodotos Pentas, PhD, PE</b>		Years of relevant experience with this employer	1<
Title	Chief Bridge Inspector		Years of relevant experience with other employer(s)	32
Degree(s) / Years / Specialization		PhD / 1990 / Civil Engineering MS / 1985 / Civil Engineering BS / 1984 / Civil Engineering		
Active registration number / state / expiration date		24660 / LA / 09/30/2024		
Year registered	1992	Discipline	Civil and Structural	
Contract role(s) / brief description of responsibilities		<b>Bridge Engineer</b>		
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).			
01/07 – 12/07	<b>West Drive &amp; Lock #2 Road Bridges Inspection &amp; Load Analysis, St. Tammany Parish, LA</b> - Project Manager for inspection, load analysis, and rating of timber bridge and concrete bridges by applying AASHTO and LADOTD Standards.			
08/97 – 06/99	<b>LADOTD S.P. No. 737-99-0441 &amp; 737-99-0158, Assessment of Bridge Damage by Watercraft, Divisions 2, 3, &amp; 7, LA</b> - Project Manager for baseline inspections of fender systems/substructures of 134 bridges to determine damages caused by marine vessels. Provided damage assessment, repair plan preparation, cost estimates, repair procedure, & report. Project received national attention due to its effectiveness & execution.			
01/96 – 12/96	<b>LADOTD S.P. No. 700-99-0118, Structural Load Rating, 118 Bridge, Louisiana.</b> Project Manager for load rating of 118 bridges throughout the state. A majority of the bridges were prestressed concrete and steel plate girder design.			
02/96 – 11/96	<b>LADOTD S.P. No. 700-99-0264, Bars Re-Rate, Louisiana</b> - Project Manager for conversion of all existing BARS load rating WSM and LFM files to VIRTIS database and running of converted BARS files to verify VIRTIS rating results for 493 structures. Analyzed with finite element method, three structures for three super-load permit vehicles and recommended distribution factor, influence line, permit load review procedure, and examples for typical complex members (truss span, steel & prestressed girder, steel and reinforced concrete cap beam).			
10/93 – 10/95	<b>LADOTD S.P. No. 700-30-0002, Complex Structures Load Rating, 37 Bridges, Louisiana</b> - Project Manager, led analysis and rating of 37 complex steel and concrete bridges using both working stress and load factor methods. Structure types included simple and multi-span steel curved plate girders, simple and multi-span normal and skewed box girders, and curve box girders.			
03/93 – 12/93	<b>LADOTD S.P. No. 359-02-0012, Clear Lake Bridge Design, Louisiana</b> - Project Engineer for preliminary and final design for LA 1226 bridge over Clear Lake, a five-span continuous unit utilizing AASHTO Type IV precast prestressed concrete girders supported by 30-in-diam concrete pile bents.			


## 16. Staff Experience:

Firm employed by	 moffatt & nichol			
Name	<b>Garth Presgrave</b>		Years of relevant experience with this employer	4
Title	Engineering Technician		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Diploma in Civil Engineering / 2005		
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		<b>Bridge Inspector</b>		
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).			
01/07 – 12/07	<b>LADOTD Underwater Bridge Inspections, Statewide, LA</b> - Team Leader and Assistant Project Manager for over 500 underwater bridge inspections throughout Louisiana. Level I, II, and III inspections of submerged elements were performed in accordance with the FHWA, BIRM, AASHTO MBE, current NBIS requirements and LADOTD engineering and maintenance directives. Inspections completed used surface-supplied and scuba diving, as well as single beam, multibeam, LiDAR, and side scanning operations. Data collected was managed through Assetwise, underwater reports, and data processing such as QINSy, Qimera, Applanix POSpac MMS Systems, etc. Bridge types included movable swing span bridges, bascule bridges, truss bridges, timber stringer bridges, cable-stayed bridges, single and multi-span bridges. Assisted with managing the inspection logistics, report scheduling, subcontractors, submittals, and quality control.			
01/22 – 12/22	<b>LADOTD In-Depth Bridge Inspections (Task Order 5), Statewide, LA</b> - Team Member who performed an in-depth bridge inspection of the Vicksburg Bridge (Cantilever Bridge) bordering Louisiana and Mississippi. The in-depth inspection completed was a routine inspection type which included Level I, II, and III work using rope access and drone footage. The inspection was in correspondence with the FHWA, BIRM, AASHTO MBE, AASHTO BEIM, and the LADOTD Bridge Inspection Manual. Using multibeam and LiDAR, a full above and below water three-dimensional model was created of the bridge and surrounding channel to supplement data collected during the in-depth inspection.			
11/20 – 12/20	<b>Port of Lake Charles Berth 6 Inspection, Lake Charles, LA</b> - Commercial diver who participated in a below water inspection of Berth 6 at the Port of Lake Charles (POLC). A barge impacted Berth 6 at the POLC. POLC requested M&N to provide an inspection and repair plan for the berth. The site was inspected at with a three-man team. The inspections included verifying the damage caused by the barge to the facility's superstructure and substructure, which included timber piles, pile caps, and stringers. Additionally, Garth completed sweeping bottom surveys to map all broken off items in the affected area as well as completed further Level I and Level II inspections on timber piles outside the affected area to determine the number of piles needing replacement.			
06/19 – 06/20	<b>Centerm Expansion Project Construction Services, Vancouver, Canada</b> - Engineering technologist who completed construction services and acted as the engineers on-site representative for parts of the project. Responsibilities included: monitoring construction for contract conformance and administrative duties related to construction. The Centerm Expansion Project (CEP) expansion includes extension of the existing berths by adding additional caissons, dyking and reclamation on both the east and west sides, reconfiguring the terminal, expanding rail in the intermodal yard, and relocating and installing new reefer towers and new gate systems.			
09/21 – 10/21	<b>Vopak Terminal Los Angeles Port of Los Angeles Berths 187-190 MOTEMS Third Subsequent Audit, Los Angeles, CA</b> - Team Member who assisted in completing the 2022 MOTEMS inspections for the Port of Los Angeles. The underwater inspection included the assessment of Berths 187-188 and 189-190 concrete, timber, steel pipe piles, and the breasting dolphin at varying depths. Level I, II, and III inspections were performed on submerged elements in accordance with the ASCE Underwater Investigations Standard Practice Manual and ASCE Waterfront Facilities Inspection and Assessment. Level III inspections included timber coring to determine the interior condition, dissolved oxygen content of water testing with the pile wraps to assess marine borer habitability, and ultrasonic testing measurements of the steel pipe piles.			

## 16. Staff Experience:

Firm employed by	 moffatt & nichol			
Name	<b>Mike Russell</b>		Years of relevant experience with this employer	1
Title	Specialty Access Manager		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering, Central Connecticut University		
Active registration number / state / expiration date		Engineer-in-Training: 35255 / Tennessee / NA		
Year registered	2021	Discipline	Civil	
Contract role(s) / brief description of responsibilities		<b>Bridge Inspector</b>		
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).			
08/21 – Present	<b>LADOTD IDIQ for In-Depth Inspection of Complex Bridges, Statewide, LA</b> - Team Member, Drone Operator, and Rope Access Supervisor for one of the current five-year retainer contracts (2019-2024) as a major subconsultant to HNTB, contracted to perform in-depth bridge inspections on complex, signature, long-span bridges throughout Louisiana. Performed the inspection of the I-10 Bridge over the Calcasieu River in Lake Charles utilizing rope access on fracture critical members and UAS drone access techniques on columns, secondary members and connections. Responsible for inspecting the steel substructure units utilizing fall protection techniques and a work boat platform with a rope access safety management plan. Responsible for inspecting the lower chord of the main span steel arched through truss utilizing fall protection and rope access techniques. Responsible for working together with other supervisors and team leaders on site to communicate the hazards and mitigation techniques for safe operations and rescue pre-plans. Documented field notes and sketches utilizing traditional methods amenable to the project team leader for standardized report processing. Organized files per the quality management plan and reviewed the draft report for consistency and accuracy.			
04/19 – Present	<b>LADOTD IDIQ for Ancillary Sign Inventory and Inspection, Statewide, LA</b> - Team Leader and Rope Access Supervisor for both five-year retainer contract to perform over 1700 sign truss inspections throughout Louisiana, including the Orleans District along this corridor. Lead the development of the new Sign Truss Inspection Program by implementing policies and standard operating procedures. Managed and utilized the fall protection safety program with rope access techniques and rescue plans. Lead the development of an application for an internal tablet-based inventory management system. Non-destructive testing was performed on all anchor rods at all cantilever structures, base plates with excessive standoff distances, and where deficiencies were observed at steel and aluminum welds. Managed the QC report review process and the QA field and office review process. Managed and planned the Temporary Traffic Control plans and setups for lane closures throughout the state along with all of the District traffic engineers. Analyzed altered load paths.			
01/22 – Present	<b>LADOTD In-Depth Inspections of Complex Bridges, Audubon Bridge, Louisiana</b> - Rope Access supervisor and NBIS Inspector planning for the in-depth NBIS routine and fracture critical inspection of the Audubon Bridge.			

## 16. Staff Experience:


Firm employed by	 moffatt & nichol			
Name	<b>Eric Vugteveen, PE</b>		Years of relevant experience with this employer	24
Title	Bridge Engineer		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		BS / 1990 / Civil Engineering BS / 1990 / Architectural Engineering		
Active registration number / state / expiration date		33711 / Virginia / 04/30/2023		
Year registered	1999	Discipline	Civil	
Contract role(s) / brief description of responsibilities		<b>Bridge Engineer</b>		
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).			
12/18 – 10/20	<b>VDOT Term Contract for Safety Inspection of Highway Structures, Statewide, VA</b> - Project manager for 20 task orders for routine, underwater and emergency safety inspections on a statewide basis. Team leader for 17 bridges in the Richmond District including numerous bridges over interstate highways with complex maintenance of traffic requirements and nighttime inspections. The 20 task orders included 57 structure inspections, including 7 emergency underwater inspections following localized flooding of Swift Creek in Chesterfield County. Performed field inspections including National and State element level quantities and condition states, inspection reports with repair recommendations, developed revised channel sketches, verified Structure Inventory and Appraisal data and reviewed reports developed by team leaders and inspectors.			
03/15 – 03/18	<b>VDOT Limited Services Term Contracts for Providing Load Ratings of Existing Highway Structures, Statewide, VA</b> - Bridge engineer for load rating tasks using AASHTOWare’s Bridge Rating program and STAAD.Pro finite element analysis software, in accordance with LRFR and LFR methodologies. Responsible as a rater or checker for load ratings of over 60 bridges, including superstructure types consisting of cast-in-place and precast concrete arches and frames, RC slabs and tee beams, steel beams with timber and concrete decks, and curved steel plate girders.			
04/15 – 03/16	<b>HDOT General Structural Engineering Services, Oahu, HI</b> - Bridge engineer for load ratings tasks of various bridges on Oahu in accordance with the AASHTO Manual for Bridge Evaluation as amended in the Hawaii Department of Transportation Design Criteria for Bridges and Structures. Load ratings were performed in accordance with LRFR methodology using the BRASS-GIRDER software program.			
03/12 – 03/15	<b>VDOT Limited Services Term Contracts for Providing Load Ratings of Existing Highway Structures, Statewide, VA</b> - Bridge engineer for bridge load ratings tasks using AASHTOWare’s Bridge Rating program (formerly Virtis) in accordance with LRFR and LFR methodologies. Responsible as a rater or checker for load ratings of over 100 bridges, including superstructure types consisting of RC slabs and tee beams, PS beams and voided slabs, steel beams with timber and concrete decks, steel plate girders, and steel floorbeam systems.			



## 16. Staff Experience:

Firm employed by	 moffatt & nichol			
Name	<b>David Wolfe, PE</b>		Years of relevant experience with this employer	23
Title	Bridge Engineer		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BS / 1993 / Structural Engineering		
Active registration number / state / expiration date		49072 / Virginia / 07/31/2023		
Year registered	2011	Discipline	Civil	
Contract role(s) / brief description of responsibilities		<b>Bridge Engineer</b>		
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).			
03/15 – 03/18	<b>VDOT Limited Services Term Contracts for Providing Load Ratings of Existing Highway Structures, Statewide, VA</b> - Project Bridge engineer for load rating tasks using AASHTOWare’s Bridge Rating program and STAAD.Pro finite element analysis software, in accordance with LRFR and LFR methodologies. Responsible as a rater, checker or QA/QC reviewer for load ratings of over 60 bridges, including superstructure types consisting of cast-in-place and precast concrete arches and frames, RC slabs and tee beams, steel beams with timber and concrete decks, and curved steel plate girders. Served as M&N’s Quality Control Engineer for this contract.			
04/15 – 03/16	<b>HDOT General Structural Engineering Services, Oahu, HI</b> - Bridge engineer for load ratings tasks of various bridges on Oahu in accordance with the AASHTO Manual for Bridge Evaluation as amended in the Hawaii Department of Transportation Design Criteria for Bridges and Structures. Load ratings were performed in accordance with LRFR methodology using the BRASS-GIRDER software program.			
03/12 – 03/15	<b>VDOT Limited Services Term Contracts for Providing Load Ratings of Existing Highway Structures, Statewide, VA</b> - Bridge engineer for bridge load ratings tasks using AASHTOWare’s Bridge Rating program (formerly Virtis) in accordance with LRFR and LFR methodologies. Responsible as a rater or checker for load ratings of over 100 bridges, including superstructure types consisting of RC slabs and tee beams, PS beams and voided slabs, steel beams with timber and concrete decks, steel plate girders, and steel floorbeam systems. Served as M&N’s Quality Control Engineer for this contract.			
11/09 – 07/10	<b>VDOT Culpeper District Load Ratings, Culpeper County, VA</b> - Bridge engineer for multiple task orders for bridge load ratings for the Culpeper District. Responsible as rater or checker for load ratings of 37 bridges, including steel beam with timber deck bridges (26 bridges), steel beam with concrete deck (3 bridges), pin connected steel truss (3 bridges), prestressed and reinforced concrete slabs (2 bridges), RC through-girder (1 bridge), and timber beams and stress laminated timber (2 bridges)			


## 16. Staff Experience:

Firm employed by				
Name	Dennis M. Hymel, Jr., PE		Years of relevant experience with this employer	1.5
Title	Engineering Manager		Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		BS / 2019 / Civil Engineering		
Active registration number / state / expiration date		38172 / LA / 09/30/2023		
Year registered	2013	Discipline	PE/Civil Engineering	
Contract role(s) / brief description of responsibilities		Dennis will assist with plan reviews and load ratings. His 18 years' of experience meet <b>MPR #5</b> .		
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).			
05/20 – 08/21 (previous employer)	<b>LADOTD, Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58, LA</b> – Project Manager/Engineer of Record. Led contract negotiations, performed QC review of topographic surveys, served as the EOR for roadway, geometrics, and bridge design elements including hydraulics analysis, scour, horizontal/vertical alignments, bridge design & LRFR (non-standard structures) using BrR including LG-25 girders, for the spot replacement of 47 bridge structures in northern Louisiana containing Fifteen (15) State Project Numbers.			
06/22 - Ongoing	<b>22-084, Rousseau Rd. Bridge over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government)</b> – Project Manager/ EOR. Responsible for roadway and bridge design, bridge TS&L, inspection of existing structure, existing structure partial rehabilitation design and plans, existing bridge LRFR using BrR for split phase construction, QC of hydraulics analysis, roadway and bridge plan review for the replacement of an 80’ Off-System bridge over Tchefuncte River near Covington, LA with a 140’ RC Slab Span bridge using split phase construction and sequencing.			
03/22 – Ongoing	<b>Tangipahoa Parish Off-System Bridge Replacement (4 Sites), Tangipahoa Parish</b> (Tangipahoa Parish Government) – Project Manager/ Lead Engineer. Responsible for all roadway horizontal/vertical alignments, roadway and bridge hydraulic analysis, retaining wall design, LRFD bridge design, oversight of plan preparation, geotechnical and environmental services for the replacement of four (4) Off-System Bridge replacements with RC Slab Span sites throughout Tangipahoa Parish on E. Lewiston Rd., Easley Rd. and Old Genessee Rd. (2) sites.			
02/18 – 03/20 (previous employer)	<b>West 11th Ave. Bridge/Mile Branch Creek, St. Tammany Parish, LA</b> (City of Covington) – Lead Engineer. Performed LRFR using AASHTOWare BrR for existing structure & post-rehab, prepared bridge rehabilitation plans to increase load rating, performed bridge inspection, measurements and field sketches, performed Quality Control reviews on bridge plans for the replacement of the existing structure after initial rehabilitation with a 5-span, 24’ clear width reinforced concrete slab bridge and roadway approach reconstruction on W. 11th Avenue in Covington, LA. Bridge included special bents for precast and CIP deck options to accommodate utilities, tapered rails, and subsurface drainage.			
09/16 – 08/21 (previous employer)	<b>SP No. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA</b> (LADOTD) – Project Manager/Engineer of Record. Responsible for all roadway design on the 4-mile Interstate widening project including H&V geometrics, Level 4 TMP and drainage. Quality Control & bridge design engineer for the widening of Pontchatolawa Creek and Tammany Trace bridges including AASHTO Type III prestressed girders, varying skewed, bobtail spans and LRFR using BrR. Quality Assurance engineer for widening of US 190 and LA 59 bridges including AASHTO Type II & IV prestressed girders and steel plate girders. Accelerated project schedule.			

## Dennis M. Hymel, Jr., PE (CONT.)

02/20 – 07/21 (previous employer)	<b>City of Covington Bridge Inspection and Capital Improvements Program, St. Tammany Parish, LA</b> (City of Covington) - Project Manager/Lead Engineer. Responsible for inspection of all City owned bridges within the City of Covington, plan reviews and document gathering, prepare assessments for replacement, repair or rehabilitation, prioritization, cost estimation and preparation of a Bridge Capital Improvements Program for the City through 2035.
03/15 – 08/20 (previous employer)	<b>S.P. No. H.010867, Jude &amp; Placide Road Bridges, Vermilion Parish, LA</b> (LADOTD) – Project Manager/Engineer of Record – Responsible for all roadway and bridge design including geometrics, bridge TS&L, hydraulics, SOV's, foundation layout, special guard rails, special bridge spans and bents (25'), LRFR, roadway and bridge plan production for the replacement of two (2) Off-System Bridges, 1 @ 50'; 1 @ 60' near Erath and Maurice, LA.
04/22 - Ongoing	<b>St. James Parish Off-System Bridge Inspection, Repair and Rehabilitation, St. James Parish, LA</b> – Project Manager/Lead Project Engineer. Responsible for performing interim and 6 month in-service condition inspection of off-system structure, documentation gathering and plan reviews, review of previous LRFR's, development of rehabilitation strategies and cost estimates of repairs and rehabilitation.
03/13 – 03/18 (previous employer)	<b>S.P. No. H.011524, Katie Ln. &amp; Leo Morrow Rd. Bridges, Avoyelles Parish, LA</b> (LADOTD) – Project Manager/Engineer of Record – Responsible for all roadway and bridge design including geometrics, bridge TS&L, SOV's, hydraulics, foundation layout, special bridge bents & spans, LRFR using BrR, roadway and bridge plan production for the replacement of two (2) Off-System Bridges near Plaquemine, LA.
03/15 – 07/18 (previous employer)	<b>SP No. H.011767</b> - Bayou Crab Road Bridge/Norman Canal, <b>Assumption Parish, LA</b> (LADOTD) – Project Manager /Engineer of Record. Responsible for and oversaw topographic surveying, bridge and roadway design, steel bulkhead design, design of special bridge elements, LRFR, hydraulic analysis, preliminary and final plan production for the replacement of a 3-span bridge.
09/18 – 08/21 (previous employer)	<b>SP No. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), St. Tammany Parish</b> (LADOTD) – Project Manager/Lead Project Engineer. Responsible for roadway design elements including horizontal and vertical geometry, intersection design, oversight of roadway plan production for one mile of 5 lane urban roadway reconstruction. Responsible for bridge design report, design and QC of bridge design, bridge plan development and LRFR for a curved, superelevated, 1400-foot-long bridge over the Bouge Falaya River using LG 36 and LG 54 prestressed concrete girders, low water pier foundations. Coordinated utility conflicts and relocations, prepared cost estimates.
09/15 – 09/17 (previous employer)	<b>SP No. H.011788, Oak St. Bridge/Poydras Bayou, West Baton Rouge Parish, LA</b> (LADOTD) – Project Manager/Engineer of Record. Responsible for roadway design including drainage, horizontal and vertical alignments, special guardrail sections; oversaw roadway plan production; responsible for bridge design including special bridge span lengths, curved approach slabs, steel pile detailing/design, anchored steel bulkhead design, performed LRFR of special slab spans, oversaw bridge plan production for replacement of three-span structure near Erwinville, LA.


## 16. Staff Experience:

Firm employed by			
Name	<b>James P. Ledet, PE, F. ACEC</b>	Years of relevant experience with this employer	<1
Title	Quality Control Engineer	Years of relevant experience with other employer(s)	44
Degree(s) / Years / Specialization	BS / 1982 / Civil Engineering		
Active registration number / state / expiration date	22428 / LA / 03/31/2024		
Year registered	1986	Discipline	PE/Civil Engineering
Contract role(s) / brief description of responsibilities	Bridge Quality Control Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/22 – Ongoing	<b>E. Lewiston Rd. Bridge over Wilson Branch, Tangipahoa Parish, LA</b> (Tangipahoa Parish) – Quality Control Engineer – Responsible for performing QC reviews of roadway and bridge design, hydraulics analysis and report, roadway and bridge plan reviews for the replacement of a 3-span Off-System bridge near Kentwood, LA.		
05/15 – 08/17 (previous employer)	<b>LA DOTD S.P. No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA</b> – Senior Supervising Engineer. Supervision and oversight of roadway design including QC of hydraulic analysis, geometrics and supervision of plan production for the new 5.5-mile, four-lane RA-3 roadway from LA 435 to Bush, LA.		
11/10 – 06/14 (previous employer)	<b>LA DOTD S.P. No. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA</b> – Engineer of Record. Responsible for topographic surveying, roadway design including approaches, utility relocations, bulkheads and drainage, and bridge design including special span lengths, curved spans, special bents and rail elements, oversight of construction support and shop drawing review for the 183’ long Off-System bridge replacement.		
11/13 – 11/18 (previous employer)	<b>LA DOTD S.P. No. H.010557, Lajaunie Road/Lateral 1 Bridge over Bayou St. Clair, Lafayette Parish, LA</b> – Senior Professional/QA/QC. Supervision of topographic surveying and engineering design including roadway and bridge design for preliminary plans of the 80’ RC Slab and quad-beam, superelevated, curved Off-System bridge structure including roadway upgrades to RL-3 criteria.		
03/10 – 05/14 (previous employer)	<b>LA DOTD SP 713-04-0002, LA 400 Bridge over Cancienne Canal, Assumption Parish, LA</b> – Engineer of Record. Responsible for topographic surveying, roadway design including approaches, and bridge design, supervised roadway and bridge plan production including bridge details, roadway details for the 7-span off-system bridge replacement.		
10/09 – 11/17 (previous employer)	<b>07-EXT-22, Bayou Gardens Blvd. Extension: LA 660 to LA 316, Terrebonne Parish, LA</b> (Terrebonne Parish Consolidated Government) – Engineer of Record (Ph. I)/Supervising Engineer (Ph. II). Responsible for topographic surveying, oversight of roadway design including drainage and geometrics, and oversight of 160’ Off-System RC Slab Span bridge design including special/curved spans, LRFR for 1.6-mile, four-lane roadway extension (UA-2) including signal upgrades and turn lanes on state routes.		
07/22 – Ongoing	<b>Old Genessee Rd. Bridges over Creeks, Tangipahoa Parish, LA</b> (Tangipahoa Parish) – Quality Control Engineer. Responsible for performing QC reviews of roadway and bridge design, hydraulic analysis and report, roadway and bridge plan reviews for the replacement of two (2) Off-System Bridges near Tickfaw, LA with multi-barrel RCB’s and RC Slab span bridges.		

## James P. Ledet, PE, F. ACEC (CONT.)


08/22 – Ongoing	<b>22-084, Rousseau Rd. Bridge Over Tchefuncte River, St. Tammany Parish, LA</b> (St. Tammany Parish Government) – Quality Control Engineer. Responsible for performing QC reviews of roadway and bridge design, bridge TS&L and split phase construction, LRFR, hydraulic analysis and report, roadway and bridge plan reviews for the replacement of an 80' Off-System Bridge over Tchefuncte River near Covington, LA with a 120' RC slab span bridge using split-phase construction sequencing.
1997-2011 (previous employer)	<b>LADOTD S.P. No. 713-55-0100, St. Ann Bridge Replacement, Terrebonne Parish, LA</b> – Engineer of Record. Responsible for topographic surveying and all roadway design aspects, bridge design and approaches for the Off-System moveable bridge replacement with a single- leaf, bascule span bridge.
02/05 – 05/08 (previous employer)	<b>LADOTD S.P. No. 246-01-0054, Route LA 57: Grand Caillou Road, Terrebonne Parish, LA</b> – Engineer of Record. Responsible for all roadway design aspects including and subsurface drainage design; construction support and topographic survey for two-mile long UA-2, five-lane widening project.
11/99 – 01/01 (previous employer)	<b>LADOTD S.P. No. 742-07-0019, Bayou Gardens Blvd. Widening: LA 659 to Alma St., Terrebonne Parish, LA</b> – Engineer of Record/ Project Manager. Responsible for topographic surveying, roadway design including geometrics and intersection improvements and subsurface drainage design for the one-mile UA-2 widening project.
1994 – 1997 (previous employer)	<b>LADOTD S.P. No. 413-01-0011, Hollywood Rd./LA 311 Intersection Improvements/Bridge Replacement, Terrebonne Parish, LA</b> – Engineer of Record/Project Manager. Responsible for design of roadway, hydraulics, utility relocations, drainage improvements, bulkheads and bridge design services for intersection improvement and Off-System bridge replacement project.
1993 – 1997 (previous employer)	<b>LADOTD S.P. No. 065-91-0011; S.P. 855-04-0052; S.P. 855-08-00340, Howard Avenue Bridge and Approaches, Terrebonne Parish, LA</b> – Engineer of Record. Responsible for roadway design including subsurface drainage, geometrics, and bridge design of Off-System steel lift span bridge replacement (using towers from Pinhook Rd. bridge) for preliminary and final plans.
1985 – 1991 (previous employer)	<b>LADOTD S.P. No. 700-26-100, Off-System Bridge Replacement Program, Lafourche Parish, LA</b> – Engineer of Record/ Project Manager. Responsible for engineering design services for the replacement of four (4) Off-System bridges and associated roadway approaches: S.P. 713-46-98, Parish Road 16 (Choctaw Road) over St. James Canal; S.P. 713-53-93, Parish Road 18 (60 Arpent Road) over Bayou Boudreaux; S.P. 713-53-94, Parish Road 11 (Lepine Rd. #1) over unnamed canal; and S.P. 713-53-92 Parish Road 579 (Hamilton Road) over 40 Arpent Canal.
1994 – 1995 (previous employer)	<b>LADOTD S.P. No. 742-05-0042, Combon Bridge and Approaches, Terrebonne Parish, LA</b> – Project Manager. Responsible for EIS document and design supervision of the Off-System 100 Ft. vertical lift span across Grand Caillou including roadway approaches and shop drawing reviews during construction.
1984 – 1986 (previous employer)	<b>LADOTD S.P. No. 855-14-08 &amp; 65-90-23, LA 3087: Bridge over Bayou Terrebonne at East Street, Terrebonne Parish, LA</b> – Project Manager. Responsible for the roadway and bridge design services to retrofit the existing Prospect Street bridge to be relocated to construct a vertical lift bridge at East Street, and associated intersection improvements at LA 24 and LA 659.

## 16. Staff Experience:

Firm employed by				
Name	<b>Suzanne Albin</b>		Years of relevant experience with this employer	25
Title	President		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				
Active registration number / state / expiration date				
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Principal-in-Charge		
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).			
	<p>Ms. Albin is the owner/operator of Traffic Control Products of LA where she has decades’ of experience providing temporary and permanent traffic control solutions for a variety of projects, including bridge inspections.</p> <p>Traffic Control Products is a member of the American Traffic safety Services Association</p>			




## 16. Staff Experience:

Firm employed by			
Name	<b>Ray Billiot</b>	Years of relevant experience with this employer	4
Title	Project Manager	Years of relevant experience with other employer(s)	33
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		<b>Project Manager</b>	
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).		
07/17 – Current	<b>Project Manager/Estimator</b> for Traffic Control Products Company of Louisiana		
11/16 - 07/17	<b>Project Supervisor/Foreman</b> for Ozark Safety Services – Montgomery, LA		
11/14 – 10/16	<b>Manager/Estimator</b> for Workzone LLC		
04/13 – 11/14	<b>Manager/Estimator</b> for Specialty Demolition – New Orleans, LA		
09/09 – 04/13	<b>General Superintendent</b> Command Construction LLC – Metairie, LA		
09/03 – 06/09	<b>Project Superintendent/Estimator</b> Constructrite Construction LLC – Holden, LA		



# SECTION 17

## 17. Firm Experience:

Firm name	 Forte and Tablada, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	IDIQ Contract for Bridge Load Rating Services – T01		Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H.009859.5	Owner’s name	LADOTD	
Project location	Statewide, LA	Owner’s Project Manager	Kian Yap, P.E.	
Owner’s address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1200, kian.yap@LA.gov		
Services commenced by this firm (mm/yy)	09/22	Total consultant contract cost (\$1,000’s)		\$1,407.5
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000’s)		\$295.8 (to date)

As part of a Load Rating retainer contract with LADOTD, Forte and Tablada is currently tasked with inspecting and load rating 95 on-system slab span bridges that have experienced a Superstructure or Substructure condition drop since the last time it was load rated. The load ratings are being performed in accordance with LADOTD BDEM.96 – Publication of Load Rating, Posting and Strengthening Standard Operating Procedure (SOP). Task 1 entails the gathering of bridge documentation; Tasks 2 and 3 include the load rating and creation of a Load Rating Report in accordance with the requirements of the LADOTD BDEM; Task 4 is a Site Visit (as required to gather bridge characteristics for the load rating and to observe deficiencies). Additionally, Repair/Strengthening Plans and Load Rating Plans are being developed as required. For bridges that are repaired, the load rating is revised to reflect the updated conditions once the repairs are made.




*Deteriorated and Repaired Bent*

### Project Team:

**Joey Coco, Jr., P.E. - Principal-in-Charge**  
**Joffrey Easley, P.E. - Project Manager**  
 Levi Yantis, P.E.  
 Jennifer Nicaud, P.E.  
 Kade Kepper, E.I.

## 17. Firm Experience:

Firm name	 Forte and Tablada, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	Retainer Contract for Off-System Complex Bridge Load Rating – T02 & T04		Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H.012485.1/H.012485.5	Owner's name	LADOTD	
Project location	Statewide, LA	Owner's Project Manager	Dana Feng, P.E.	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1200, Dana.Feng@LA.gov		
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost (\$1,000's)		\$2,157.1
Services completed by this firm (mm/yy)	05/22	Cost of consultant services provided by this firm (\$1,000's)		\$2,005.2

As part of Task Orders 2 and 4 of a Load Rating retainer contract with LADOTD, Forte and Tablada has load rated over 500 bridges and over 220 culverts statewide. Due to deadlines imposed by FHWA, this work was done on a severely compressed schedule. For the bridges, where conditions warranted, or if the structural details to be used for the load rating could not be determined from previous photographs, inspections to determine structural details and to measure deficiencies were performed. Additionally, Load Rating Plans were developed, as necessary.

The culvert load ratings were based on field measurements and condition assessment reports produced by Forte and Tablada under T03.

For all approximately 700 structures, the scope of work also included the submittal of a Load Rating Report in accordance with LADOTD requirements.

### Project Team:


**Joey Coco, Jr., P.E. - Principal-in-Charge**  
**Joffrey Easley, P.E. - Project Manager**  
**Jason Fennell, P.E.**



Example Slab Span Bridge Without Plans, 500 Bridges in total were load rated in the Task Order of similar type and complexity



## 17. Firm Experience:

Firm name	 Forte and Tablada, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	Retainer Contract for Off-System Complex Bridge Load Rating – TO1		Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H.009859.5	Owner's name	LADOTD	
Project location	Statewide, LA	Owner's Project Manager	Dana Feng, P.E.	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1200, Dana.Feng@LA.gov		
Services commenced by this firm (mm/yy)	01/18	Total consultant contract cost (\$1,000's)		\$1,316.8
Services completed by this firm (mm/yy)	02/19	Cost of consultant services provided by this firm (\$1,000's)		\$1,136.4

As part of a Load Rating retainer contract with LADOTD, Forte and Tablada was tasked with inspecting and load rating 12 complex off-system complex bridges statewide. The type of bridges included nine (9) movable bridges (including vertical lift and swing-spans), a steel truss bridge, and two (2) ferry access bridges that were composed of steel truss, movable, and pontoon spans. Where existing plans were not available, 3-D laser scanning was utilized to capture complicated geometry and to assist in the load rating and in the development of bridge load rating plans. The inspection also included the use of an ultrasonic thickness gage to verify member thickness, as well as detailed measurements to determine connection details. The scope of work also included the submittal of an Inspection Report and a Load Rating Report in accordance with the requirements of the LADOTD Bridge Design and Evaluation Manual (BDEM).


### Project Team:

**Joey Coco, Jr., P.E. - Principal-in-Charge**  
**Joffrey Easley, P.E. - Project Manager**  
**Jason Fennell, P.E.**  
**Levi Yantis, P.E.**

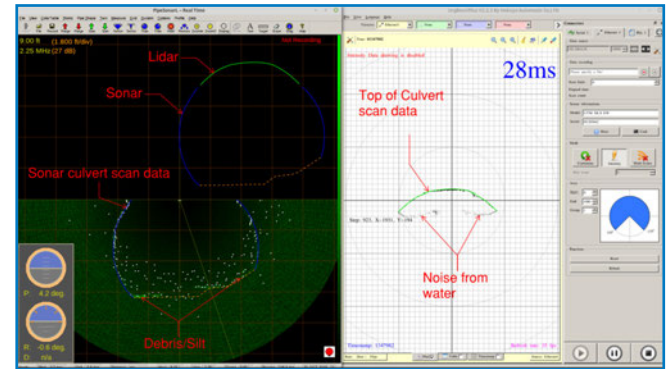


*St. Claude Bridge for Port of New Orleans Inspected and Rated*

## 17. Firm Experience:

Firm name	 Forte and Tablada, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	Retainer Contract for Off-System Complex Bridge Load Rating - T03		Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. H.012485.1	Owner's name	LADOTD	
Project location	Statewide, LA	Owner's Project Manager	Kian Yap, P.E.	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1200, Kian.Yap@LA.gov		
Services commenced by this firm (mm/yy)	10/19	Total consultant contract cost (\$1,000's)		\$945.7
Services completed by this firm (mm/yy)	10/20	Cost of consultant services provided by this firm (\$1,000's)		\$945.7

Forte and Tablada provided inspections and data acquisition for approximately 220 culvert locations statewide. The culverts inspected were a mixture of dry, partially submerged, and fully submerged conditions. Culvert measurements were acquired with a mixture of 3-d laser scanning, sonar, and LIDAR. For dry and low to partially submerged culverts, a 3-d laser scanner was utilized to obtain culvert measurement data. For mostly and fully submerged locations, a floating rig was utilized, and culvert measurements were obtained from a mixture of LIDAR and sonar. Additionally, the inverts for each culvert inlet and outlet were obtained with a two-man survey crew. Field measurements and survey data were used to provide physical characteristics of each culvert for use in load rating calculations. Inspection reports were provided for each culvert location containing culvert physical and conditional properties, as well as physical properties of culvert cross sections at locations required to be checked in the load rating analysis.



LIDAR/SONAR Culvert Profile for Determining Culvert Shape



LIDAR/SONAR Kayak Developed by Forte and Tablada

### Project Team:

**Joey Coco, Jr., P.E. - Principal-in-Charge**  
 Jason Fennell, P.E.  
 Todd Harris, P.L.S.  
 Brent Campbell



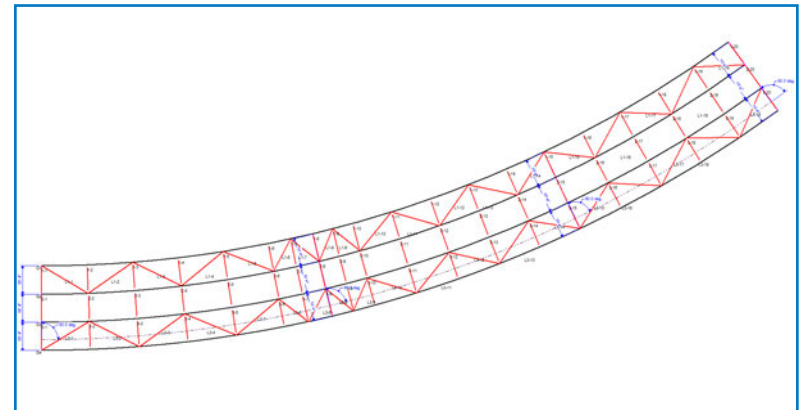
## 17. Firm Experience:

Firm name	 Forte and Tablada, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	Retainer Contract for On-System Bridge Load Rating		Firm responsibility (prime or sub?)	Sub-Consultant
Project number	13205	Owner's name	LADOTD c/o Stantec	
Project location	Statewide, LA	Owner's Project Manager	Brian Johnson, P.E. (Stantec)	
Owner's address, phone, email		Stantec, 500 Main Street, Baton Rouge, LA 70801, 225-765-7400, brian.johnson2@stantec.com		
Services commenced by this firm (mm/yy)	03/14	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	03/17	Cost of consultant services provided by this firm (\$1,000's)		\$881.0

As a sub-consultant to Stantec, Forte and Tablada load rated approximately 220 bridges across the state of Louisiana. Bridge size and complexity varied greatly, from small slab span bridges constructed using LADOTD Standard Plans, to miles-long bridges on Interstate routes constructed of PPC and steel girders. AASHTOWare BrR (formerly Virtis), Bentley LEAP Bridge (formerly RC Pier), and other software packages were used to determine the LRFR Rating Results and provide Load Rating reports in conformance with LADOTD requirements.

### Project Team:

**Joey Coco, Jr., P.E. - Principal-in-Charge**  
**Joffrey Easley, P.E. - Project Manager**  
**Jason Fennell, P.E.**  
**Levi Yantis, P.E.**



Framing Plan View of a Curved Steel Plate Girder Modeled in BrR (formerly Virtis)

## 17. Firm Experience:

Firm name	<b>HNTB</b>		Past Performance Evaluation Discipline(s)*	Bridge
Project name	Load Rating of Complex Bridges		Firm responsibility (prime or sub?)	Sub-Consultant
Project number	H.009859	Owner's name	LADOTD	
Project location	Rapides and St. Mary Parishes, LA	Owner's Project Manager	William Metcalf, PE	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; (225) 379-1741; William.Metcalf@la.gov		
Services commenced by this firm (mm/yy)	10/16	Total consultant contract cost (\$1,000's)		\$3,704
Services completed by this firm (mm/yy)	03/18	Cost of consultant services provided by this firm (\$1,000's)		\$581

HNTB was a subconsultant on a larger complex bridge rating task order to inspect and load rate nine structures. HNTB was tasked with the inspection and load rating of two truss bridges: the LA 182 over Charenton Canal Bridge and the Jackson Street Bridge over the Red River. HNTB completed the load rating of the Charenton Canal truss and reinforced concrete spans, developed the load rating report, and in a separate project, developed means to rehabilitate the structure. In addition, HNTB conducted an inspection and performed a load rating of the Jackson Street Bridge, a steel truss vertical lift bridge in Alexandria, Louisiana.



### Project Team:

Joshua Porter  
Ben Goodner

## 17. Firm Experience:

Firm name	HNTB		Past Performance Evaluation Discipline(s)*	Bridge
Project name	53 Off-System Load Ratings		Firm responsibility (prime or sub?)	Sub-Consultant
Project number	H.009859	Owner's name	LADOTD	
Project location	Statewide, LA	Owner's Project Manager	Ryan Owens	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; (225) 379-1741; Ryan.Owens@la.gov		
Services commenced by this firm (mm/yy)	12/19	Total consultant contract cost (\$1,000's)		\$2,500
Services completed by this firm (mm/yy)	11/20	Cost of consultant services provided by this firm (\$1,000's)		\$355

To meet federal requirements, the LADOTD initiated a push to have its entire inventory of off-system bridges load rated under LRFR specifications. 428 structures were given to the prime consultant, with HNTB being tasked with rating 53 bridges. To meet the federal requirements, the schedule was greatly condensed and required coordination among a large group of staff. HNTB completed load ratings using AASHTOWare Bridge Rating and Bentley STAAD.pro software to model superstructure and substructure for 53 bridge structures. Upon completion of ratings, summary reports of the findings and recommendations for load posting removal were provided to LADOTD. The structures varied in complexity and included steel girders, reinforced concrete girders, reinforced concrete slabs, prestressed concrete girders, and prestressed concrete slabs.

### Project Team:

Joshua Porter  
Marc Hoffmann  
Nicholas Hart



## 17. Firm Experience:


Firm name	<b>HNTB</b>		Past Performance Evaluation Discipline(s)*	Bridge
Project name	<b>I-10 Calcasieu Load Ratings</b>		Firm responsibility (prime or sub?)	Prime
Project number	H.009859.5	Owner's name	LADOTD	
Project location	Calcasieu Parish, LA	Owner's Project Manager	Kelly Kemp	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; (225) 379-1741; Kelly.Kemp@la.gov		
Services commenced by this firm (mm/yy)	01/19	Total consultant contract cost (\$1,000's)		\$426
Services completed by this firm (mm/yy)	08/20	Cost of consultant services provided by this firm (\$1,000's)		\$426

The I-10 corridor in Calcasieu Parish, Louisiana is currently under environmental investigation for widening. As part of the environmental investigation, it was noted that LRFR load ratings had not been performed on many of the structures along this corridor. In order to determine whether structures would be widened, or replaced as part of the widening project, the structures required updated load ratings. As a part of its bridge preservation IDIQ contract, HNTB was tasked with load rating 23 structures of varying structure type and complexity. Structure types included continuous reinforce concrete deck girders, prestressed concrete girders, rolled steel I-beams and continuous steel plate girders.

### Project Team:

Joshua Porter  
Marc Hoffmann  
Nicholas Hart  
Ben Goodner

## 17. Firm Experience:

Firm name	 moffatt & nichol		Past Performance Evaluation Discipline(s)*	Bridge
Project name	Limited Services Term Contracts for Providing Load Ratings of Existing Highway Structures - Region III and Statewide		Firm responsibility (prime or sub?)	Sub-Consultant
Project number		Owner's name	Virginia Department of Transportation	
Project location	Virginia	Owner's Project Manager	Tony Barati, PE	
Owner's address, phone, email		1401 E Broad Street, Richmond, VA 23219, (804) 786-5117, Tony.Barati@VDOT.Virginia.gov		
Services commenced by this firm (mm/yy)	01/09	Total consultant contract cost (\$1,000's)		\$18,000
Services completed by this firm (mm/yy)	11/18	Cost of consultant services provided by this firm (\$1,000's)		\$3,061

Moffatt & Nichol, as a subconsultant under three consecutive contracts, performed load ratings of various types of existing highway structures on a regional and statewide basis for the Virginia Department of Transportation (VDOT). To ensure the highest quality for the load ratings, the team developed QA/QC plans specifically for these contracts. The load ratings were performed in accordance with Departmental policies and procedures and the AASHTO Manual for Bridge Evaluation. Results were reported on the Department's standard load rating summary form along with documentation of the load rater's assumptions. Load ratings were of the superstructure using AASHTOWare BrR (formerly Virtis) software in accordance with LRFR and LFR methodologies. Curved steel plate girder superstructures were load rated using Descus-I software. Cast-in-place and precast three-sided frames and arches have been load rated using STAAD.Pro and LARSA 4D finite element software and spreadsheet calculations. The geometric and structure data was primarily taken from as-built plans and bridge inspection reports, with data sometimes obtained from District bridge files, site visits and obsolete bridge standards.

Over the course of these contracts, Moffatt & Nichol was tasked with load rating 653 bridge structures, including:


- 131 structures with rolled steel beams and concrete deck
- 86 structures with rolled steel beams and timber deck
- 1 structure with rolled steel beams and corrugated metal deck
- 98 structures with steel plate girders and concrete deck
- 18 structures with curved plate girders and concrete deck
- 54 structures with prestressed concrete beams and concrete deck
- 9 structures with prestressed concrete box beams with concrete decks and asphalt toppings
- 22 structures with prestressed voided slabs
- 48 structures with reinforced concrete tee beams
- 102 structures with reinforced concrete slab spans
- 24 structures with reinforced concrete voided slab spans
- 1 structure with reinforced concrete through-girders
- 5 structures with glued laminated timber (glulam) slab spans
- 54 structures with precast (Con/span, Bebo and Omega) and cast-in-place concrete frames and arches (including Luten arches)

**Project Team:**  
David Wolfe  
Eric Vugteveen

**Relevance to LADOTD:**


- Plan & document retrieval & review
- Site visits
- Analysis & load rating

## 17. Firm Experience:

Firm name	 moffatt & nichol		Past Performance Evaluation Discipline(s)*	Bridge
Project name	HDOT General Structural Engineering Services		Firm responsibility (prime or sub?)	Prime
Project number		Owner's name	Hawaii Department of Transportation	
Project location	Hawaii	Owner's Project Manager	Dean Takiguchi	
Owner's address, phone, email		601 Kamokila Boulevard, Room 611, Kapolei, HI 96707 (808) 692-7614, dean.takiguchi@hawaii.gov		
Services commenced by this firm (mm/yy)	05/18	Total consultant contract cost (\$1,000's)		\$2,780
Services completed by this firm (mm/yy)	05/21	Cost of consultant services provided by this firm (\$1,000's)		\$2,780
<p>Moffatt &amp; Nichol was retained by the Hawaii Department of Transportation (HDOT) to conduct load ratings on the states' inventory of concrete bridges/viaducts located in Oahu, Hawaii. The work was divided into three Project Assignment Orders (PAO's) according to structure type; segmental concrete box girder viaducts, post-tensioned concrete box girder bridges, and cast-in-place reinforced concrete box girder bridges. M&amp;N was responsible for load rating a subset of the bridge inventory, generally working on the more complex bridges that fell outside of the capabilities of HDOT's typical load rating software, BRASS.</p> <p>As the prime consultant to HDOT, M&amp;N led the project and provided Load and Resistance Factor Rating (LRFR) and Load Factor Rating (LFR) reports for each bridge. The load ratings were performed in accordance with the 2nd Edition of the AASHTO Manual for Bridge Evaluation (MBE) with HDOT's "Draft Modifications to the 'Design Criteria for Bridges and Structures Dated August 8, 2014'." Vehicles that were included in the load rating were the AASHTO design HL-93 or HS-20, AASHTO MBE legal vehicles, and HDOT criteria specific emergency and special permit vehicles.</p> <p>The load rating reports were compiled in the format requested by the client, using standard HDOT tables, and included descriptions of the analytical models and the detailed load rating calculations. Each bridge was rated for its current condition based on the most recent inspection reports. LRFR reports were also provided for the two other condition factors to provide HDOT with rating information if the current condition of the bridge were to deteriorate or be repaired as conditions dictate.</p> <ul style="list-style-type: none"><li><b>PAO-1: Load Rating of Eight Segmental Concrete Bridges:</b> Moffatt &amp; Nichol was tasked with performing load ratings for eight segmental concrete bridges. Finite element modeling using LARSA 4D was performed to account for time dependent effects of stresses associated with the various stages of construction of the bridges.</li><li><b>PAO-2: Load Rating of 13 Post-Tensioned Concrete Box Girders:</b> Moffatt &amp; Nichol was tasked to perform load ratings of 13 post-tensioned concrete box girder bridges to include FAST Act EVs. Finite element modeling using CSI Bridge was performed to more accurately model load sharing across the girders.</li><li><b>PAO-3: Load Rating of 11 Multi-Cell Concrete Box Girders:</b> Moffatt &amp; Nichol was tasked with performing load ratings of 11 multi-cell concrete box girder bridges with complex geometries. Load ratings were performed with a combination of BRASS Girder and finite element modeling using CSI Bridge to account for complex geometries that could not be accommodated in BRASS.</li></ul>				
<b>Project Team:</b> David Wolfe Eric Vugteveen			<b>Relevance to LADOTD:</b> <ul style="list-style-type: none"><li>Plan &amp; document retrieval &amp; review</li><li>Site visits</li><li>Analysis &amp; load rating</li></ul>	



## 17. Firm Experience:

Firm name	 moffatt & nichol		Past Performance Evaluation Discipline(s)*	Bridge
Project name	IDIQ for In-Depth Inspection of Complex Bridges, Statewide		Firm responsibility (prime or sub?)	Sub-Consultant
Project number	4400009104	Owner's name	Louisiana Department of Transportation and Development	
Project location	Hawaii	Owner's Project Manager	Stephanie Doolittle	
Owner's address, phone, email		1212 East Highway Drive, Baton Rouge, LA 70802, (225) 379-1329, Stephanie.Doolittle@la.gov		
Services commenced by this firm (mm/yy)	03/20	Total consultant contract cost (\$1,000's)		\$5,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$800

Moffatt & Nichol is performing in-depth bridge inspections on complex and movable bridges throughout Louisiana. As a major subconsultant, Moffatt & Nichol is performing complete in-depth structural, mechanical, and electrical inspections. Bridge types include cantilever trusses, cable-stayed bridges, movable swing span bridges, and bascule bridges.

Moffatt & Nichol has been tasked with performing 28 off-system bridge inspections in District 62. Critical findings were issued, post-repair inspections were performed and evaluated, and previous load ratings were assessed. Field data was collected for updating the load ratings.

Moffatt & Nichol performed two in-depth inspections of the Audubon Bridge, specifically to inspect 136 main cables. Professional rope access techniques were used to safely access each cable and anchorage within arm's reach.

Moffatt & Nichol performed two in-depth, routine, and fracture critical inspections of the Horace Wilkinson Bridge, specifically to inspect the main truss spans above the guardrail. Professional rope access techniques were used to safely access each non-redundant steel tension member. This was the first inspection to be completed without requiring a lane closure.

Moffatt & Nichol performed the in-depth, routine, and fracture critical inspections of the Greater New Orleans Bridges and the Green Bridge, specifically to inspect the main truss spans. Professional rope access techniques were used to safely access each non-redundant steel tension member.

Moffatt & Nichol performed the in-depth inspection of the Luling Bridge, specifically to inspect all bladders at the upper Gensui Dampers and at the lower friction dampers at 72 cables.

### Relevance to LADOTD:


- Plan & document retrieval & review
- Site visits
- Analysis & load rating
- Work Zone Safety

### Project Team:

Chace Hulon  
Jeffrey Gazarek  
Eric Vugteveen  
Iris Leoncio  
Christopher Eschenbach

Garth Presgrave  
Jeffrey Gazarek  
Herodotos Pentas  
Jonathan Hird

## 17. Firm Experience:

Firm name			Past Performance Evaluation Discipline(s)*	Bridge
Project name	Rousseau Rd. Bridge over Tchefuncte River		Firm responsibility (prime or sub?)	Prime
Project number	22-084	Owner's name	St. Tammany Parish Government	
Project location	Covington, LA	Owner's Project Manager	Daniel Hill, P.E.	
Owner's address, phone, email		21454 Koop Drive, Building B, Mandeville, LA 70471, 985-898-2552, dphill@stp.gov.org		
Services commenced by this firm (mm/yy)	07/22	Total consultant contract cost (\$1,000's)		\$220
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$134

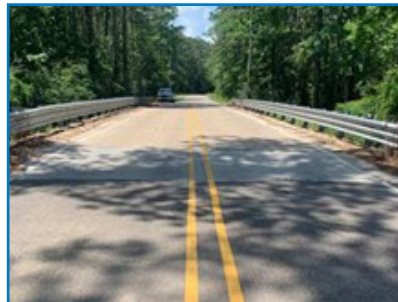
The Rousseau Road Bridge over Tchefuncte River project involves the replacement of a structurally deficient, 5-span pre-cast concrete bridge founded on timber piles in St. Tammany Parish near Covington, LA. The project includes topographic surveys, property surveys, bridge design, roadway design, geotechnical, environmental and contract management. Project scoping and design is per LADOTD requirements including plan production. Rousseau Rd. services the only access to a residential/commercial area and a detour bridge is necessary across the scenic river system of the Tchefuncte.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for the topographic surveys, hydraulic & scour analyses, hydraulics and HEC-RAS modeling, roadway design, bridge design, utility surveys and roadway/bridge plan production. The project's topographic survey is enlarged (200' x 2200' DTM) due to the detour bridge and is being conducted to LADOTD standards and processed in Bentley Microstation/Inroads. Hydraulic analysis will be performed using GEOHEC-RAS and HYDR1130 as well as LADOTD HYDRWIN programs for roadside drainage. LADOTD design criteria are being followed and design drawings are also being developed as traditional LADOTD plans using Bentley Microstation/Inroads due to anticipated federal funding. Inspection, load rating (LRFR) using AASHTO BrR, and temporary repairs are required on the existing structure due to the split phase construction method and partial demolition.

Crescent has completed the topographic surveys, hydraulic analysis, and 50% preliminary plans. 90% preliminary plans are underway along with environmental and geotechnical services.

### Project Team:

Dennis M. Hymel Jr., PE  
James Ledet, PE, F. ACEC

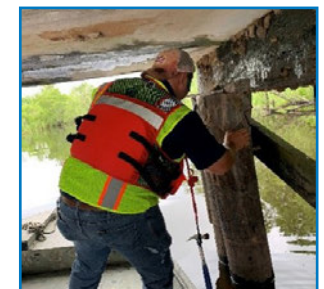
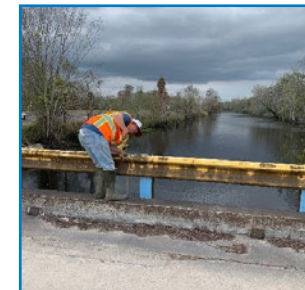


## 17. Firm Experience:

Firm name			Past Performance Evaluation Discipline(s)*	Bridge
Project name	St. James Parish Off-System Bridge Inspection, Repair		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	St. James Parish Government	
Project location	St. James, LA	Owner's Project Manager	Rick Webre	
Owner's address, phone, email		PO Box 106 Convent, LA 70723, 225-562-2260, rick.webre@stjamesla.com		
Services commenced by this firm (mm/yy)	04/22	Total consultant contract cost (\$1,000's)		\$16
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$16


St. James Parish Off-System bridge inventory includes the Blind River Boat Launch bridge over a borrow canal along US 61 near Gramercy, LA. Due to the bridge's poor condition, interim 6-month condition inspections are being performed as well as review of potential short term repair strategies for increasing the posted load on the structure due to substructure deficiencies. The bridge is a 3-span concrete with timber bulkheads over a navigable channel and includes precast concrete superstructure on timber caps and timber piles.

Crescent Engineering & Mapping, LLC is currently performing the interim bridge condition inspections since 2021 for the structure and has developed conceptual repair strategies for substructure deficiencies including sister piles and steel replacement bents. Crescent also provided updated information for the structures bridge file including ADT's, sketches and field dimensions.



**Project Team:**  
Dennis M. Hymel Jr., PE


## 17. Firm Experience:

Firm name			Past Performance Evaluation Discipline(s)*	Other
Project name	I-10 Canal St. - St. Philip St.		Firm responsibility (prime or sub?)	Sub
Project number	SP# H.013586.6	Owner's name	LADOTD	
Project location	New Orleans, LA	Owner's Project Manager	Truesdell Corporation	
Owner's address, phone, email		1310 W. 23rd St. Tempe, AZ 85282, (602) - 437-1711		
Services commenced by this firm (mm/yy)	09/19	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	02/21	Cost of consultant services provided by this firm (\$1,000's)		\$239

Traffic Solutions of Louisiana provided temporary signs, barricades, and general traffic control services for this project

### Project Team:

Ray Billiot


Firm name			Past Performance Evaluation Discipline(s)*	Other
Project name	I-10 BR Twin Spans Bridge		Firm responsibility (prime or sub?)	Sub
Project number	SP# H.014296	Owner's name	LADOTD	
Project location	New Orleans, LA	Owner's Project Manager	Southern Synergy	
Owner's address, phone, email		1105 Bert St. Laplace, LA 70068, (985) 359-9953		
Services commenced by this firm (mm/yy)	08/21	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	08/21	Cost of consultant services provided by this firm (\$1,000's)		\$15

Traffic Solutions of Louisiana provided temporary signs, barricades, and general traffic control services for this project

### Project Team:

Ray Billiot

**17. Firm Experience:**

Firm name			Past Performance Evaluation Discipline(s)*	Other
Project name	US 190 Bayou Teche		Firm responsibility (prime or sub?)	Sub
Project number	SP# H.013200.6	Owner's name	LADOTD	
Project location	St. Landry Parish, LA	Owner's Project Manager	Barriere Construction	
Owner's address, phone, email		308 Woodland Dr. Laplace, LA 70068, (504) 581-7283		
Services commenced by this firm (mm/yy)	04/21	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)	01/22	Cost of consultant services provided by this firm (\$1,000's)		\$138

Traffic Solutions of Louisiana provided guardrail, mailboxes, and traffic control.

**Project Team:**

Ray Billiot



# SECTION 18



18. Approach and Methodology:

Introduction

The F&T team is comprised of a group of knowledgeable and well-respected engineers that are uniquely experienced in all aspects of the management of existing bridges. We have vast experience in the inspection, load rating, and rehabilitation of all bridge types, from timber stringer bridges to complex movable bridges. We have load rated over 1,000 bridges across the state, both for LADOTD through IDIQ contracts and for municipal clients. All of these factors make our team uniquely qualified to provide a load rating that is efficient, accurate, and takes into account the specifics of the bridge site. We are very aware that in many cases a bridge that is load posted has a significant impact on the traveling public, so we work closely with the Client throughout the process to keep them informed and to discuss the best path forward when the load rating results in a load posting.

We are uniquely qualified to provide a load rating that is based on the experience gained from load rating numerous bridges a value-based solution. to any has been developed We have developed a management, from with years of experience dealing with all aspects of existing bridges. Our vast portfolio of bridge inspections, load ratings, and repair of existing bridge makes our team the go-to for many bridge owners when faced with s. Our vast portfolio of previous load ratings, both through LADOTD IDIQ contracts and direct contracting with multiple municipalities, existing bridge when a bridge owner is faced with existing bridge is in need of an inspection.

Task 1: Plan and Document Retrieval and Review

The F&T team will perform an exhaustive review of all available information on all bridges to be rated. This includes Inspection Reports, plans, previous load ratings, repair details, pile sketches, and any other documents from the AssetWise database, as well as LADOTD HQ (Sections 51 and 25), District offices, Parish offices, and engineering firms involved with the design and rehabilitation of the bridge. Once all available information is gathered and reviewed, Task 2: Site Visits will be planned based on a determination of the information that is required to be obtained in the field.

NUMBER OF BRIDGES...

RATED IN THE PAST 10 YEARS

★★★★★ Over 1000

REQUIRING DETAILED INSPECTION

Approx. 150

SIMPLE 945

MEDIUM 80

COMPLEX 50

REQUIRING LOAD RATABLE PLANS OR DETAILS IN ORDER TO LOAD RATE

Approx. 90

REQUIRING REPAIR/IMPROVEMENT RECOMMENDATIONS

Approx. 25 Bridges and 25 Culverts

NUMBER OF CULVERTS INSPECTED AND RATED

225

LOAD RATING SCORE ON RECENT RETAINER

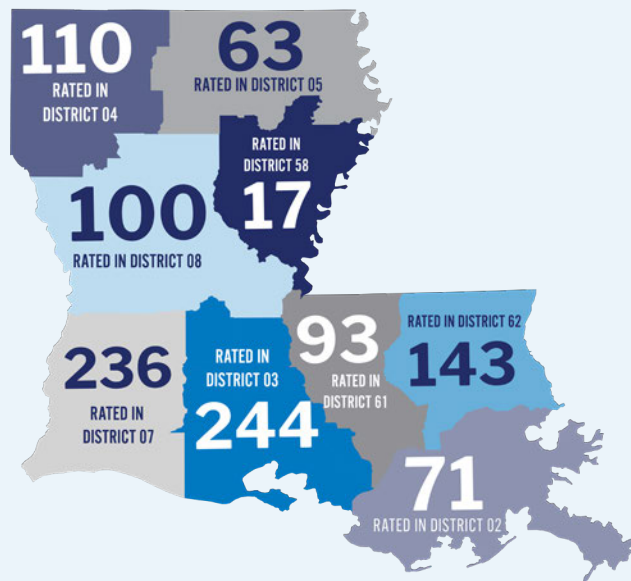
Task Order 2 – H.012485.1

Rating of 5.0 - Eval/Rating/Instrumentation

## Task 2: Site Visits

The F&T team offers LADOTD a local skilled staff with deep experience across the state of Louisiana in the inspection of existing bridges, both NBIS level inspections and inspections to gather dimensions, properties, and deterioration information to be able to perform a load rating. Thorough planning prior to performing a site visit is a critical component to the safety, efficiency, and overall success of this Task.

# F&T RATED BRIDGES



# 1,077 TOTAL



## Planning Tasks

The site visits for this project will follow the requirements of the LADOTD Bridge Inspection Manual (Section 5.16), AASHTO's MBE, and EDSM IV.4.1.2 and will be specifically focused on obtaining the most current bridge conditions in order to produce the most accurate results for the load rating purposes. Our planning phase will include:

- ▶ Reviewing previous Inspection Reports and Plans to resolve differences between component numbering in the plans and prior inspection reports.
- ▶ Evaluating the need for specialized access, safety training, material sampling, nondestructive evaluations, precision testing, permits, railroad coordination, work zone safety needs, rope access, fracture critical inspection, etc. and associated coordination.
- ▶ Preparing a specific safety plan, as well as a traffic control and fracture critical inspection plan (if required).
- ▶ Preparing a contact list that includes name, organization, email and mobile phone numbers for the entire inspection team, traffic control staff, and LADOTD District and Central office staff.
- ▶ Disseminating a schedule of the inspection sequence of all field activities including the duration for each.
- ▶ Inspecting all tools, equipment, and supplies, including PPE, fall protection equipment, life vests, cameras, four gas air quality meters, D-meters, mag particle and dye penetrant kits and calibration tools prior to shipment to the site.
- ▶ Preparing inspection form, documents and iPads to facilitate the field data collection and ensure consistency between the inspection teams.
- ▶ Holding a kickoff meeting with all team members involved with the project to review the complete SOW, nomenclature, direction of inventory, history of repairs, methodology of specialty access, agency requirements, meeting locations, and travel arrangements.



## SPOTLIGHT

F&T recently earned a 5.0 out of 5.0 rating from LADOTD for its efforts in bridge load rating / evaluation / instrumentation. We have met and exceeded schedule and budget expectations set forth by LADOTD through each Task Order we have been issued.



## Site Visit Tasks

Based on a review of the condition of the bridge noted in the Inspection Report and the availability of plans, the inspection team and load rating team members will work together to determine if an inspection is required, and if so, what information will need to be gathered in the field. During the site visit, we will:

- ▶ Identify a safe staging area at the bridge site for all parties to conduct daily tailgate safety meetings that include potential hazards, a communication plan, agree on weather response notifications for inclement weather and the planned positioning of all equipment and inspection teams.
- ▶ A thorough documentation of deficiencies for each element in a clear and concise manner will be thoughtfully organized.
- ▶ Conditions are reviewed in the previous report and are referenced to note the rate of change in the assessment.
- ▶ Utilize precision tools (including calipers, D-Meters, dye penetrant and mag particle kits, tapes and levels) and cleaning tools to properly determine the extent of damage at any given location.
- ▶ Nondestructive testing tools and technology may be used for thorough and accurate documentation to be effectively delivered.
- ▶ Measure expansion joints and bearings for movement with weather conditions recorded.

### TOOLBOX



- ✓ AASHTOWare BrR
- ✓ Finite Element Modeling
- ✓ LEAP Bridge
- ✓ Refined Load Rating Procedures
- ✓ Laser Scanning
- ✓ Certified Bridge Inspectors
- ✓ UAV-Assisted Inspections
- ✓ Advanced Culvert Assessment Methods



## Preparation of Findings

- ▶ Upon return to the office, all field notes will be cataloged, photos cross-referenced, and information required for the load rating will be summarized.
- ▶ Quality control for the field documentation includes a review by the field inspection team and an NHI certified engineer who was not part of the field inspection – an “off-team” review.



## Critical Findings

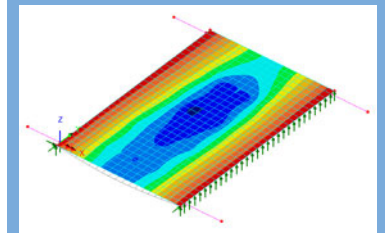
Should our team find a structural or safety-related deficiency, the project leadership team will immediately discuss it and notify the LADOTD. We follow a pre-established notification system that is dependent on the severity of the issue. Often, the critical findings consist of missing weight posting signs or damaged guardrail end treatments. For these types of issues, we send an email to the LADOTD Operations Group (multiple cc list) and include the findings and photographs. Occasionally, critical findings are more serious and require immediate notification to LADOTD District and Operations office staff.

## Task 3: Analysis and Load Rating Modeling & Analysis

The F&T team will utilize the experience obtained from load rating over 1,000 existing bridges using the AASHTO MBE and LADOTD BDEM Specifications, AASHTOWare BrR, LEAP Bridge, LUSAS, and in-house Mathcad and Excel spreadsheets to perform the load rating. We have rated a wide variety of bridge types, from complex steel lift and curved steel plate girder bridges to slab span bridges built using LADOTD Standard Plans and everything in between. In addition, we have gathered LADOTD Standard Plans and Specifications from as far back as the 1950's. We will use this library of prior bridge data to correlate observed bridge properties with structural details and material properties based on archived LADOTD Standard Plans and Construction Specifications that we have gathered through our extensive history of rating on-system and off-system bridges across the state of Louisiana.



### SPOTLIGHT



F&T used a LUSAS FE Model to remove the posting on a slab span bridge after the typical AASHTOWare BrR method resulted in a load posting.

For many off-system bridges, the load rating of the substructure is complex due to current conditions and repairs that have been made throughout the life of the bridge. We will use a multitude of Mathcad spreadsheets to generate load ratings for various bridge substructure components; including but not limited to concrete caps, timber caps, timber piles, and steel piles. We also utilize the AASHTO General Method for pile bent cap load ratings in LEAP Bridge, which is a more accurate method and results in less bridges requiring a posting.

For bridges without plans and when an appropriate Standard Plan is not able to be determined, Forte and Tablada will develop load rating plans. We have experience in doing this for dozens of bridges, from complex truss bridges to small unique slab spans. We have utilized many advanced techniques to assist with the development of load rating plans; including 3-D laser scanning, an ultrasonic thickness gauge, and rebar locators. We have also used 3-D laser scanning to determine gusset plate properties and bolt locations for the load rating of gusset plates.

Forte and Tablada has a QA/QC process that complies with the AASHTO 23 Metrics and has been streamlined with LADOTD. For existing bridge load ratings, we will begin the QA/QC process once the available bridge documentation is gathered. At this time, appropriate load rating procedures and any assumptions that will be required to perform the load rating are also discussed. Discussions are held throughout the process to confirm initial assumptions based on field measurements and/or load rating plan development. Once the load rating is complete, each bridge goes through a multi-level QC process with checklists for the superstructure, substructure, and report items before a final QA review is conducted on the completed Load Rating Report.

## TYPES OF BRIDGES LOAD RATED

- ✓ Timber Spans
- ✓ Slab Spans
- ✓ PPC and Steel Girder Spans
- ✓ Moveable – Lift, Swing, Bascule
- ✓ Steel Truss Spans
- ✓ Railcar Spans
- ✓ Multicell Concrete Box Spans
- ✓ CMP and Concrete Culverts
- ✓ Pile Bent, Column Bent, Hammerhead, and Steel Frame Substructures

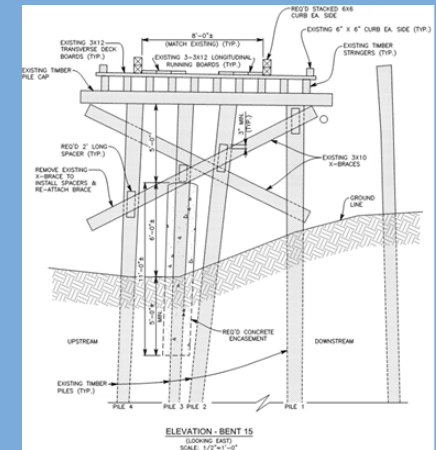
For all bridges that require a posting, Forte and Tablada will have a meeting with LADOTD prior to submittal of the Final Load Rating report to discuss reasons for the required posting and repairs that would improve (or remove) the posting requirement.

After each rating is performed and submitted to LADOTD for comments, the Load Rating Report and Rating Factor information will be uploaded to AssetWise by the F&T team. When additional bridge records (including as-built plans, repair plans, etc.) are discovered during the document retrieval task, we will inform LADOTD so that this information can be added to AssetWise as appropriate.

For bridges with specific deficiencies that result in a reduced posting or recommendation of closure, the F&T team will coordinate with LADOTD personnel (and Parish personnel as requested) to develop repair recommendations, and in some cases repair plans, to increase the posted load. We have utilized laser scanning to quickly facilitate the creation of repair plans. Repair details have included timber deck and stringer replacement, timber cap strengthening, concrete spall repair, timber pile stubbing and barrel splices, approach slab replacement, and FRP wrapping of PPC girders and caps to provide additional capacity.

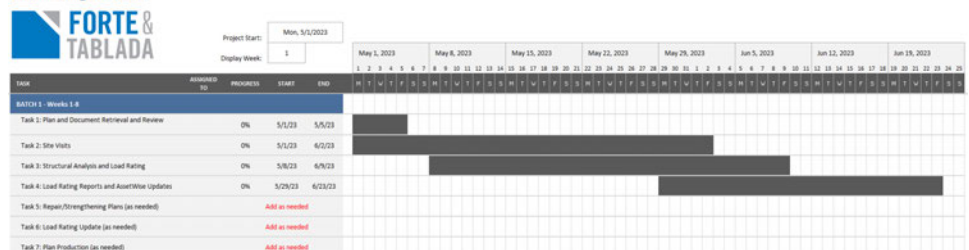


## SPOTLIGHT



F&T inspected, laser scanned, load rated, and developed repair details to reopen the closed Westdale Road bridge over Bayou Pierre, which was the only access to several residences.

### Load Rating Schedule








# SECTIONS 19-23

## 19. Workload:





Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
	Survey	H.011965.6	IWGO Bridge Rehabilitation	\$55,218
	Survey	H.011684	LA 327 Spur: Staring Lane Extension Route LA 327-S	\$50,279
	Survey	H.012072	LA 60 Drain Bridge	\$1,278
	Survey	H.014416	LA 3125 at LA 3274 Roundabout	\$4,800
	Survey	H.004273.5	DOTD I-49 Connector (Lafayette Regional Airport to I-10/US 167 Interchange	\$48,744
	Survey	H.011670	I-10/Loyola Additional Topo and ROW	\$43,811
	Survey	H.003931.5	Calcasieu River Bridge Phase 4	\$37,539
	Bridge	H.009859.5	Task Order 1 Load Ratings Due to Condition Drop	\$875,307
	Bridge	H.011965.6	LA 47: IWGO Bridge Rehabilitation	\$55,218
	Bridge, Survey, Environmental	H.013137.5	Off-System Highway Bridge Program, Ouachita Parish	\$92,995
	Bridge, Survey, Environmental	H.014261.5	Off-System Highway Bridge Program, Rapides Parish	\$12,546
	Survey	H.014591.5	Airline at I-12 Overpass Analysis	\$1,665
	Bridge, Survey, Environmental	H.014981.5	DOTD OSBR Hosston River Road over Kelly Bayou	\$88,870
	Bridge, Survey, Environmental	H.014989.5	DOTD OSBR Neff Lane over Wind Creek	\$92,309
	Bridge, Survey, Environmental	H.014989.5	DOTD OSBR Neff Lane over Wind Creek	\$92,309
	Bridge, Survey, Environmental	H.014990.5	DOTD OSBR South Tiger Bend Road and East Achord Road Bridges	\$173,570
	Bridge	H.015341	D61 (EBR): IJJA Off-System Bridge Replacement Program	\$10,000
	Bridge	H.015163	Aydell Lane Bridge Replacement	\$77,162



19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
<b>HNTB</b>	Environmental	H.003931	I-10 Calcasieu NEPA Restart (Lake Charles, LA)	\$141,429
	Bridge	State Contract No. 44-13321	IDIQ Contract for In-Depth Bridge Inspection	
		H.009730	Gno 1 & 2	\$588,217
		H.009730.5	Calcasieu, EBR, and West Feliciana Parishes In-Depth Inspections for I-10 Baton Rouge and John James Audubon Bridge	\$628,416
	Other (Alternative Delivery Procurement)	State Contract No. 44-17329	IDIQ Contract for Innovative Procurement Support Services	
			Task Order No. 1:1-12 Managed Lane Conversions	\$125,752
			Task Order No. 3: Jimmie David DB Procurement	\$281,048
			Task Order No. 4: I-10 Calcasieu Toll Support	\$66,634
	Planning	H.015223.1	BR No Pass Rail	\$341,982
	Bridge	State Contract No. 44-17264	Retainer Contract for Bridge Preservation	
		H.014588.5	I-20: Orange Street Overpass Repair	\$23,374
		H.010319.5	I-110: North Street to Plank Road	\$7,097
		H.001166.6	Caddo Lake CRES	\$120,765
		H.012889	I-20: Rehab	\$46,441
		H.012066.5	LA 3213: Gramerey Bridge	\$10,741
		H.012622.5	I-12: Bridge Widening over Flog Branch	\$315,701
		H.002337.5	LA 327-5 Bayou Fountain	\$145,614
		H.014324.6	LA 3250: I-49 RR OP Repair	\$37,769
		H.010251.5	Chippewa Street Pump Station	\$274,207
		H.014454.6	Boeuf River Bridge CRES	\$42,904
		H.014672.6	I-12: LA 1032 Overpass Repair	\$34,245
		H.012083.5	I-10: Calcasieu River Bridge Int. Repairs	\$245,006

**19. Workload:**

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
	Other (Tolling)	State Contract No. 44-23640	Task Order No. 1: Program Support	\$328,569
			Task Order No. 2: PIBC Integration	\$569,323
			Task Order No. 3: LA1 Facility Implementation	\$1,065,213
	Bridge		Task Order No. 4: Marketing	\$176,465
			Task Order No. 5: Bridge Inspection	\$94,068
	Planning	State Contract No. 44-21094	Statewide Transportation Plan	\$2,820,700
	Bridge	State Contract No. 44-25029	IIJA Off-System Bridge Program	\$32,073
Other (15% Construction Support & 85% Geotech)	State Contract No. 44-4900			
	H.008145.6	LA 1 Phase 2	\$6,180,712	
	Bridge	H.009730.5	In-Depth Inspection of Complex Bridges, Task Order 5	\$121,578
	Bridge	H.009730.5	IDIQ Contract for Underwater Bridge Inspection, Statewide, Task Order 2	\$2,092,447
	Bridge	H.011331.5	Inventory and Inspection of Sign Trusses, Task Order 2	\$1,059,684
	Data Collection	H.971294.1	LADOTD RIMS	\$40,437
	Road	H.014980	Chinaberry Drive over Unnamed Coulee	\$35,135
	Bridge	H.014980	Chinaberry Drive over Unnamed Coulee	\$17,250
	Survey	H.014980	Chinaberry Drive over Unnamed Coulee	\$24,985
	Road	H.012713.6	LA 74: IBERVILLE P/L - US 61	\$12,233
	Road	H.014481	US 90 (Des Allemands Br - LA 52)	\$51,265
	Road	H.012918.6-R1	LA 3139: Dickory Ave - Orleans P/L LA 3139; LA 3154	\$21,116
	Road	H.010634.6-R2	US90Z (Bodenger Blvd - Stumpf Blvd) LA 428; US 90-Z	\$27,211

## 20. Certifications/ Licenses

If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name: Public Address:  
Forte and Tablada, Inc. Ms. Ann Forte Trappey  
9107 Interline Avenue  
Baton Rouge, LA 70809-1999

### License/Certificate Information w/ Supervision

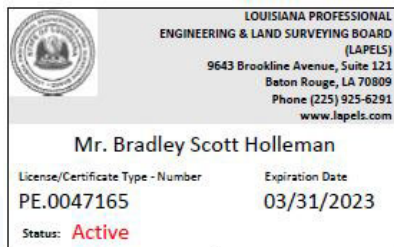
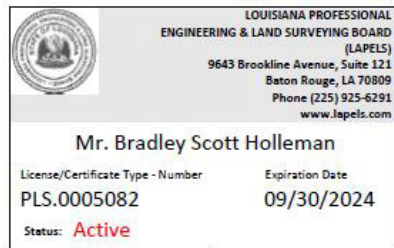
License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000055	ACTIVE	06/26/1979	03/31/2023	Mr. Bradley Scott Holleman # PLS.0005082 - Active

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name: Public Address:  
Forte and Tablada, Inc. Ms. Ann Forte Trappey  
9107 Interline Avenue  
Baton Rouge, Louisiana 70809-1999

### License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000330	Active	09/02/1976	09/30/2023	Mr. Chad Anthony Bacas # PE.0028786 - Active





Dear Certified Flagger:

Enclosed, please find your card signifying you as a Certified ATSSA Flagger. This card should be carried and presented to employers while performing work on our roadways. Please be aware that the card is not valid without a Photo I.D.

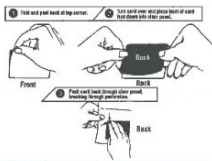
American Traffic Safety Services Association (ATSSA) commends you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the "Leader in Roadway Safety" and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any changes in name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at [www.atssa.com](http://www.atssa.com) for additional training courses or for any of our products created for use in a work zone.

Sincerely,

*Jessica Hunter*  
Director of Training

Laminating the front of your card with Dual Laminate:



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



**Mead & Hunt**

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

Certificate of attendance and participation for:

Joffrey Easley

Training Course:  
Maintenance and Rehabilitation of Historic Bridges

Transportation Training and Education Center  
4099 Gourner Avenue, Room 175  
Baton Rouge, Louisiana 70803

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

*Dr. J. Squitieri*  
Mead & Hunt Instructor  
Amy Squitieri

*Daniel J. Berry*  
Mead & Hunt Instructor  
Daniel Berry, PE, SE

Please select the date you attended the course:

- ☐ Tuesday, April 12, 2016
- ☐ Wednesday, April 13, 2016
- ☒ Tuesday, May 10, 2016
- ☐ Wednesday, May 11, 2016
- ☐ Tuesday, June 7, 2016
- ☐ Wednesday, June 8, 2016



National Highway Institute  
**Certificate of Training**  
**JOFFREY EASLEY**

has participated in  
**FHWA-NHI-130053**  
**Bridge Inspection Refresher Training**  
hosted by  
**LA DOTD/LTRC**

Date: January 24-26, 2017  
Location: Baton Rouge, LA

Hours of Instruction: 18

*Alison H. Landry*  
Instructor

*Alison H. Landry*  
Local Coordinator

*Valerie Briggs*  
Instructor

*Valerie Briggs*  
Valerie Briggs, Director  
National Highway Institute



National Highway Institute  
**Certificate of Training**  
**JOFFREY EASLEY**

has participated in  
**FHWA - NHI Course No. 130078**  
**Fracture Critical Inspection Techniques for Steel Bridges (3.5 Days)**

hosted by  
**LA DOTD/LTRC**

Date: August 11-14, 2015  
Location: Baton Rouge, LA

Hours of Instruction: 25

*William R. Barnaby*  
Instructor

*Alison H. Landry*  
Local Coordinator

*Valerie Briggs*  
Instructor

*Valerie Briggs*  
Valerie Briggs, Director  
National Highway Institute



National Highway Institute  
**Certificate of Training**  
**JOFFREY EASLEY**

has participated in  
**NHI Course No. 130055 -**  
**Safety Inspection of In-Service Bridges**

hosted by  
**LA DOTD/LTRC**

Date: April 30-May 11, 2012  
Location: Baton Rouge, LA

Hours of Instruction: 67

*William R. Barnaby*  
Instructor

*Alison H. Landry*  
Local Coordinator

*Richard Barnaby*  
Instructor

*Richard Barnaby*  
Richard Barnaby, Director  
National Highway Institute







## National Highway Institute Certificate of Training

**LEVI YANTIS**

has participated in

**FHWA-NHI-130055  
Safety Inspection of In-Service Bridges**

hosted by

**LA DOTD/LTRC**

Date: December 4-15, 2017 Hours of Instruction: 67

Location: Baton Rouge, LA

Instructor: *Greg R. Long*

Instructor: *Thomas H. Harman*

Local Coordinator: *William H. Landrey*

Instructor: *Valerie Briggs*

Valerie Briggs, Director  
National Highway Institute



## National Highway Institute Certificate of Training

**LEVI YANTIS**

has successfully completed

**FHWA-NHI-130053**

**Bridge Inspection Refresher Training**

hosted by

**LA DOTD/LTRC**

Date: January 11-13, 2022 Hours of Instruction: 18

Location: Baton Rouge, LA

Instructor: *Valerie Briggs*

Instructor: *Thomas H. Harman*

Local Coordinator: *William H. Landrey*

Thomas Harman, Director  
National Highway Institute



## Certificate of Training

this certifies that

**Levi Yantis**

has successfully completed the training  
program requirements for

**ATSSA Online Flagger Certification Training Course**



Awarded on this 16th day of August 2021



## National Highway Institute Certificate of Training

**LEVI YANTIS**

has participated in

**FHWA-NHI-130078 Fracture Critical Inspection  
Techniques for Steel Bridges**

hosted by

**LA DOTD/LTRC**

Date: February 26 - March 1, 2019 Hours of Instruction: 25

Location: Baton Rouge, LA

Instructor: *Michael Davis*

Instructor: *Michael Davis*

Local Coordinator: *William H. Landrey*

Michael Davis, Director  
National Highway Institute



## National Highway Institute Certificate of Training

**Levi Yantis**

has participated in

NHI Course No. FHWA-NHI-130107C

**Maintenance of Movable Bridges**

hosted by

**National Highway Institute**

Location: Web-Based Course

Date: 2/13/2020

Hours of Instruction: 4 hours

Instructor: *Michael Davis*

Michael Davis, J.E.  
Director, National Highway Institute



## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Levi Yantis**

has attended

**Traffic Control Supervisor-LA State Specific  
Training Course**

7/1/2021 to 7/2/2021  
Training Valid Through

Baton Rouge, LA  
Location

*William H. Landrey*

Director of Training

*Thomas H. Harman*

President, CEO

ATSSA provides training and certification for member companies employed by ATSSA.  
ATSSA American Traffic Safety Services Association ATSSA.com



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

Certificate of attendance and participation for:

**Levi Yantis**

Training Course:  
Maintenance and Rehabilitation of Historic Bridges

July 2020

You have earned 4 PDH units that can be applied to applicable  
continuing education requirements for professional engineering  
licensure.

*David S. Smith*  
Meed & Hunt Instructor  
Army Engineer

*David S. Smith*  
Meed & Hunt Instructor  
John A. Rutledge, P.E., SE



## SOCIETY OF PROFESSIONAL ROPE ACCESS TECHNICIANS



Acknowledges that

**LEVI YANTIS**

has demonstrated through practical and written examinations,  
attainment of SPRAT's

Certification Requirements for Rope Access Work,  
and is therefore

**CERTIFIED**

**Level 1 Rope Access Technician**

SPRAT #2100328

AWARDED: February 26, 2021

Expires: February 26, 2024

*Tom Wick*

Tom Wick, SPRAT President

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## PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Levi Yantis**

has attended

**Traffic Control Technician-LA State Specific  
Training Course**

6/20/2021 to 6/29/2021  
Training Valid Through

Baton Rouge, LA  
Location

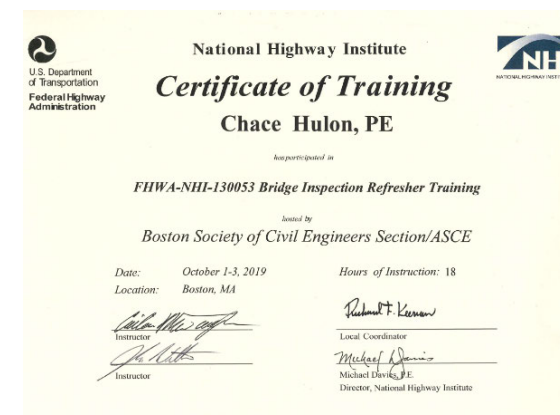
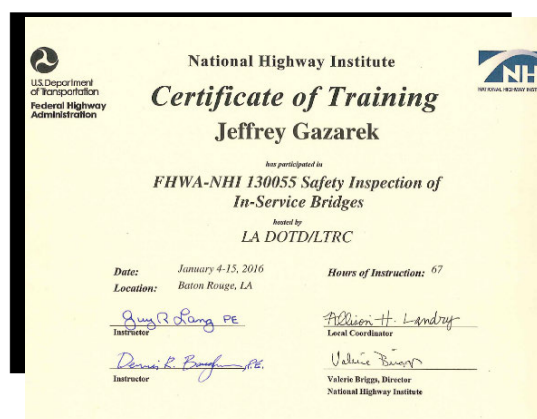
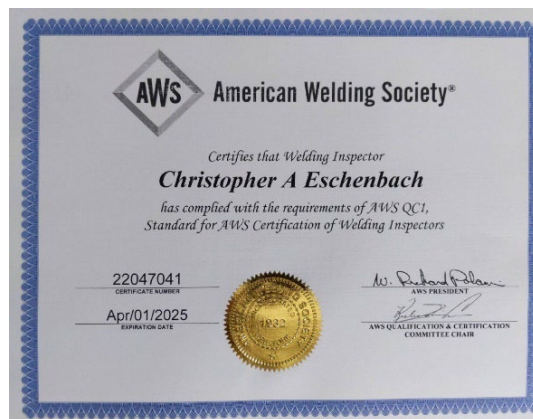
*William H. Landrey*

Director of Training

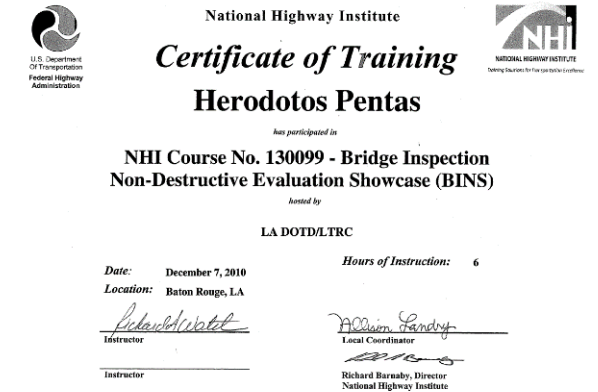
*Thomas H. Harman*

President, CEO

ATSSA provides training and certification for member companies employed by ATSSA.  
ATSSA American Traffic Safety Services Association ATSSA.com









U.S. Department of Transportation  
Federal Highway Administration

National Highway Institute

## Certificate of Training

Garth Presgrave

has participated in

FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by

WSP

Date: July 22-August 02, 2019

Hours of Instruction: 67

Location: Raleigh, NC

*Thomas R. Harmon*  
Instructor

*Michael Davis*  
Local Coordinator

*Paul S. Vugteveen*  
Instructor

*Michael Davis*  
Michael Davis, Director  
National Highway Institute



U.S. Department of Transportation  
Federal Highway Administration

National Highway Institute

## Certificate of Training

Mike Russell

has successfully completed

FHWA-NHI-130078 Fracture Critical Inspection Techniques for Steel Bridges

hosted by

Arkansas Department of Transportation

Date: June 21 - 24, 2022

Hours of Instruction: 25

Location: Little Rock, AR

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Local Coordinator

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Thomas Harmon, Director  
National Highway Institute



U.S. Department of Transportation  
Federal Highway Administration



## National Highway Institute Certificate of Training

Eric Vugteveen

has participated in

Safety Inspection of In-Service Bridges

hosted by

Norfolk Public Works-Design

Location: Norfolk, VA

Hours of instruction: 80

Date: July 11-22, 2005

*John W. Vugteveen*  
Instructor

*John W. Vugteveen*  
Coordinator

*John W. Vugteveen*  
Director, National Highway Institute  
Federal Highway Administration

*John W. Vugteveen*  
Director, Office of Professional and Corporate Development  
Federal Highway Administration



U.S. Department of Transportation  
Federal Highway Administration

National Highway Institute

## Certificate of Training

GARTH PRESGRAVE

has successfully completed

FHWA - NHI - 130078  
FRACTURE CRITICAL INSPECTION TECHNIQUES FOR STEEL BRIDGES

hosted by  
ILLINOIS DEPARTMENT OF TRANSPORTATION

Date: DECEMBER 6-8, 2021

Hours of Instruction: 25 hours

Location: Schaumburg, Illinois

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Local Coordinator

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Thomas Harmon, Director  
National Highway Institute



U.S. Department of Transportation  
Federal Highway Administration

National Highway Institute

## Certificate of Training

Mike Russell

has successfully completed

FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by

Hawaii Department of Transportation

Date: December 6-17, 2021

Hours of Instruction: 67

Location: Honolulu, HI

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Local Coordinator

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Thomas Harmon, Director  
National Highway Institute



U.S. Department of Transportation  
Federal Highway Administration

National Highway Institute

## Certificate of Training

Eric Vugteveen

has participated in

FHWA-NHI 130053 Bridge Inspection Refresher Training

hosted by

Whitman, Requardt & Associates, LLP and Moffatt & Nichol

Date: December 4 - 5, 2017

Hours of Instruction: 18

Location: Richmond, VA

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Local Coordinator

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Valerie Briggs, Director  
National Highway Institute



U.S. Department of Transportation  
Federal Highway Administration

National Highway Institute

## Certificate of Training

Eric P. Vugteveen

has participated in

FHWA-NHI-130078 Fracture Critical Inspection of Steel Bridges

hosted by

Whitman, Requardt & Associates, LLP

Date: May 26-29, 2015

Hours of Instruction: 25

Location: Richmond, VA

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Local Coordinator

*Thomas Harmon*  
Instructor

*Thomas Harmon*  
Valerie Briggs, Director  
National Highway Institute




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

**Mr. Todd Dustin Bastion**

License/Certificate Type - Number	Expiration Date
PE.0036719	03/31/2024

Status: **Active**


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 Phone (225) 925-6291  
 www.lapels.com

**Mr. John Randolph Bernard**

License/Certificate Type - Number	Expiration Date
PE.0031026	03/31/2024

Status: **Active**


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 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Patrick Gabriel Duffy**

License/Certificate Type - Number	Expiration Date
PE.0045363	09/30/2023

Status: **Active**


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 Phone (225) 925-6291  
 www.lapels.com

**Mr. Benjamin Alan Goodner**

License/Certificate Type - Number	Expiration Date
PE.0038208	03/31/2024

Status: **Active**


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

**Mr. Nicholas Ryan Hart**

License/Certificate Type - Number	Expiration Date
PE.0043150	03/31/2023

Status: **Active**


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

**Mr. Marc Alexander Hoffmann**

License/Certificate Type - Number	Expiration Date
PE.0044342	09/30/2024

Status: **Active**


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

**Mr. Joshua Manning Porter**

License/Certificate Type - Number	Expiration Date
PE.0039513	09/30/2023

Status: **Active**


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

**Mr. Patrick J. Roth**

License/Certificate Type - Number	Expiration Date
PE.0041553	09/30/2023

Status: **Active**

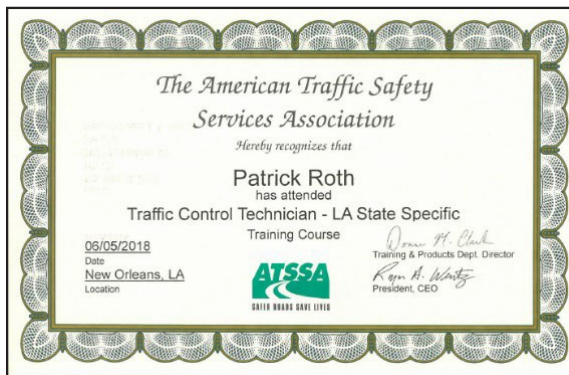
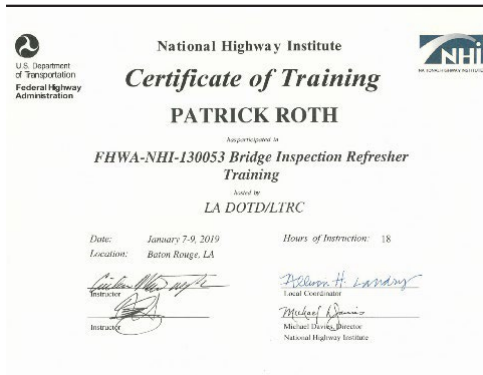

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ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Aravind Tankasala, Ph.D.**

License/Certificate Type - Number	Expiration Date
PE.0046286	03/31/2024

Status: **Active**







## LOUISIANA UNIFIED CERTIFICATION PROGRAM

### Disadvantaged Business Enterprise Program (DBE)

### Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations  
& under the State of Louisiana United Certification Program (LAUCP)

### Traffic Control Products Co. of LA, Inc.

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

**NC237310, NC238110, NC238990**

*NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.*

### **Certificate Eligibility: February 2022 to February 2023**

*This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.*

*Rhonda Wallace*

**Rhonda Wallace, DBE/SBE Programs Manager**

*Louisiana Department of Transportation & Development*

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

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

See attached.



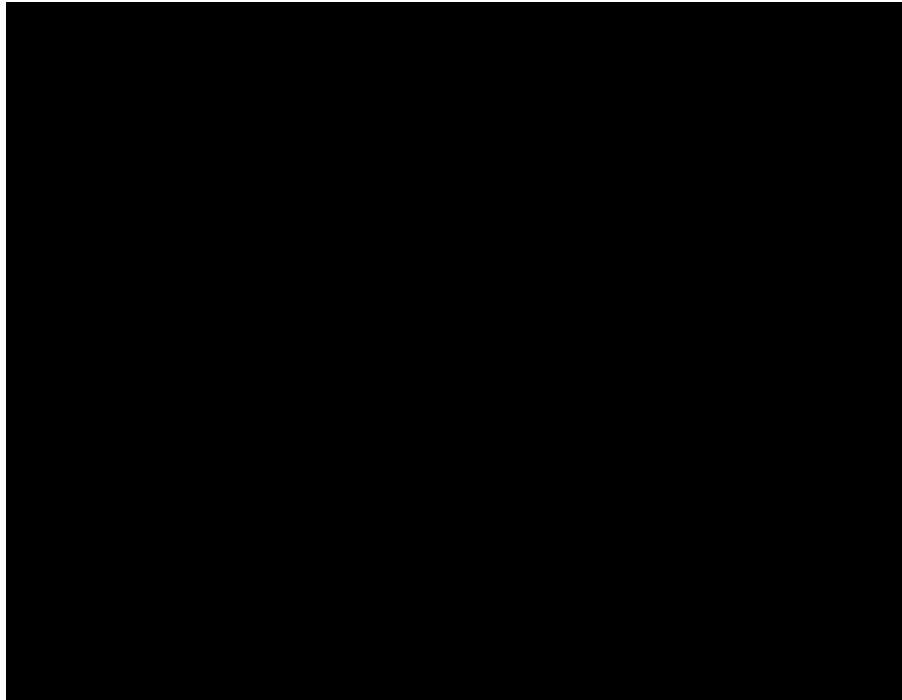
## 22. Sub-consultant information:

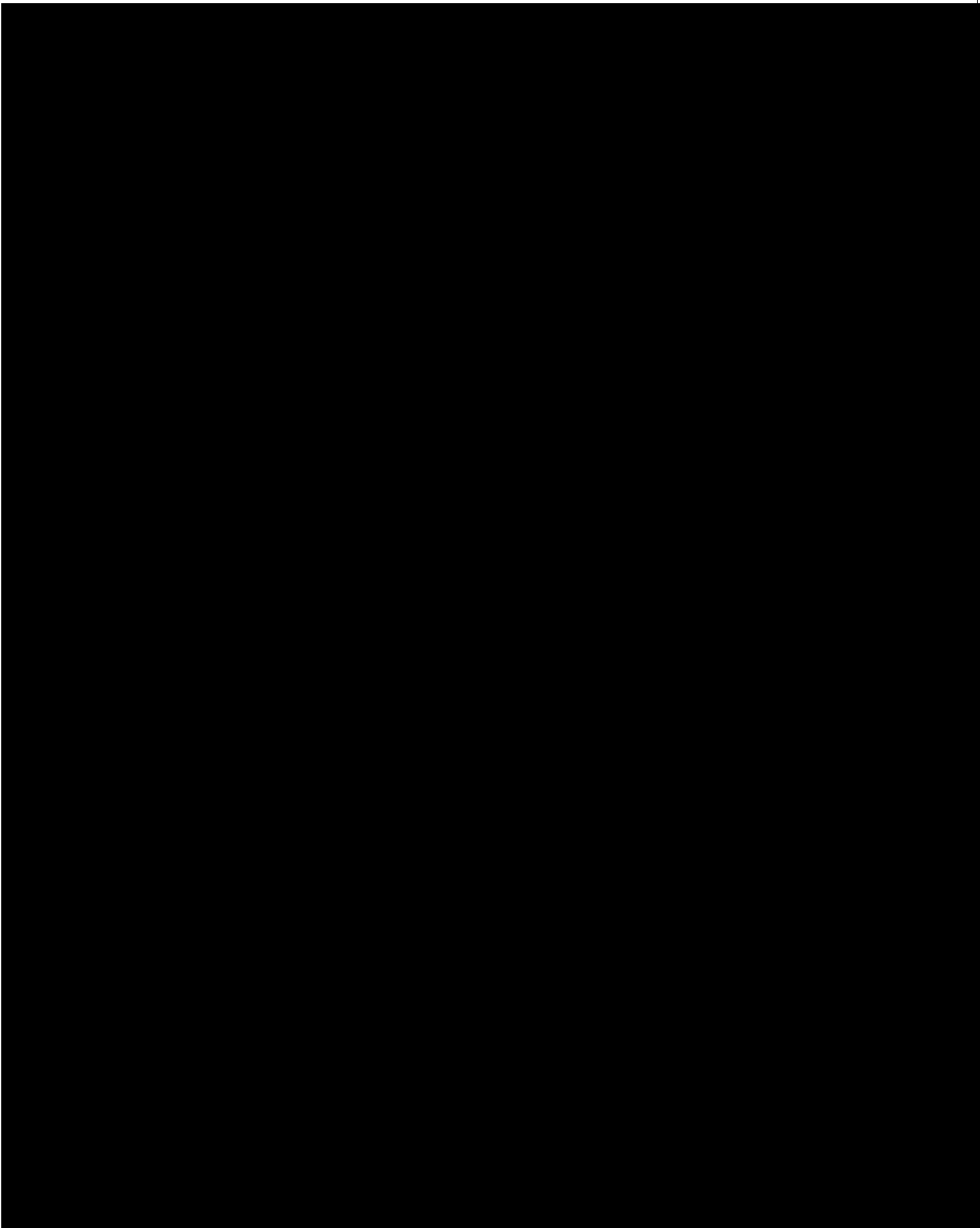
If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

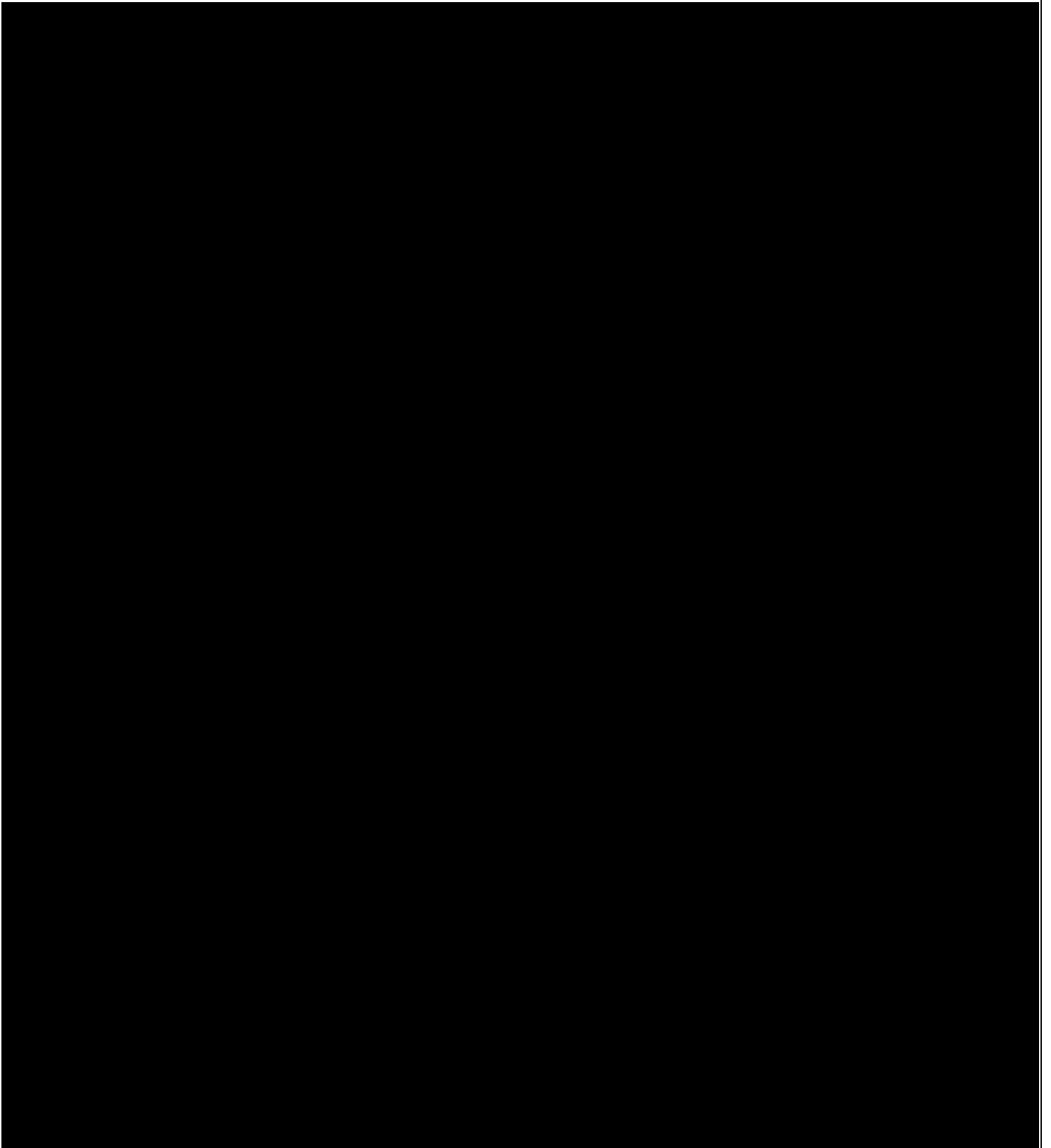
Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
HNTB Corporation	10000 Perkins Rowe, Suite 640, Baton Rouge, LA 70810	Bryan Jones <i>Vice President and Gulf Coast District Office Leader</i> bryanjones@HNTB.com	(225) 368-2803
Moffatt & Nichol	One American Place 301 Main Street, Ste 800 Baton Rouge, LA 70801	Herodotos Pentas, PhD, PE hpentas@moffattnichol.com	(225) 610-1597
Crescent Engineering & Mapping, LLC	P. O. Box 370 Vacherie, LA 70090	Dennis M. Hymel, Jr. President/Engineering Manager Dennis.Hymel@crescentengla.com	(225) 329-1742
Traffic Control Products of Louisiana, Inc.	2230 Tower St. Denham Springs, LA 70726	Suzanne Albin President suzanne@tcpofla.com	(225) 665-7950

**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.

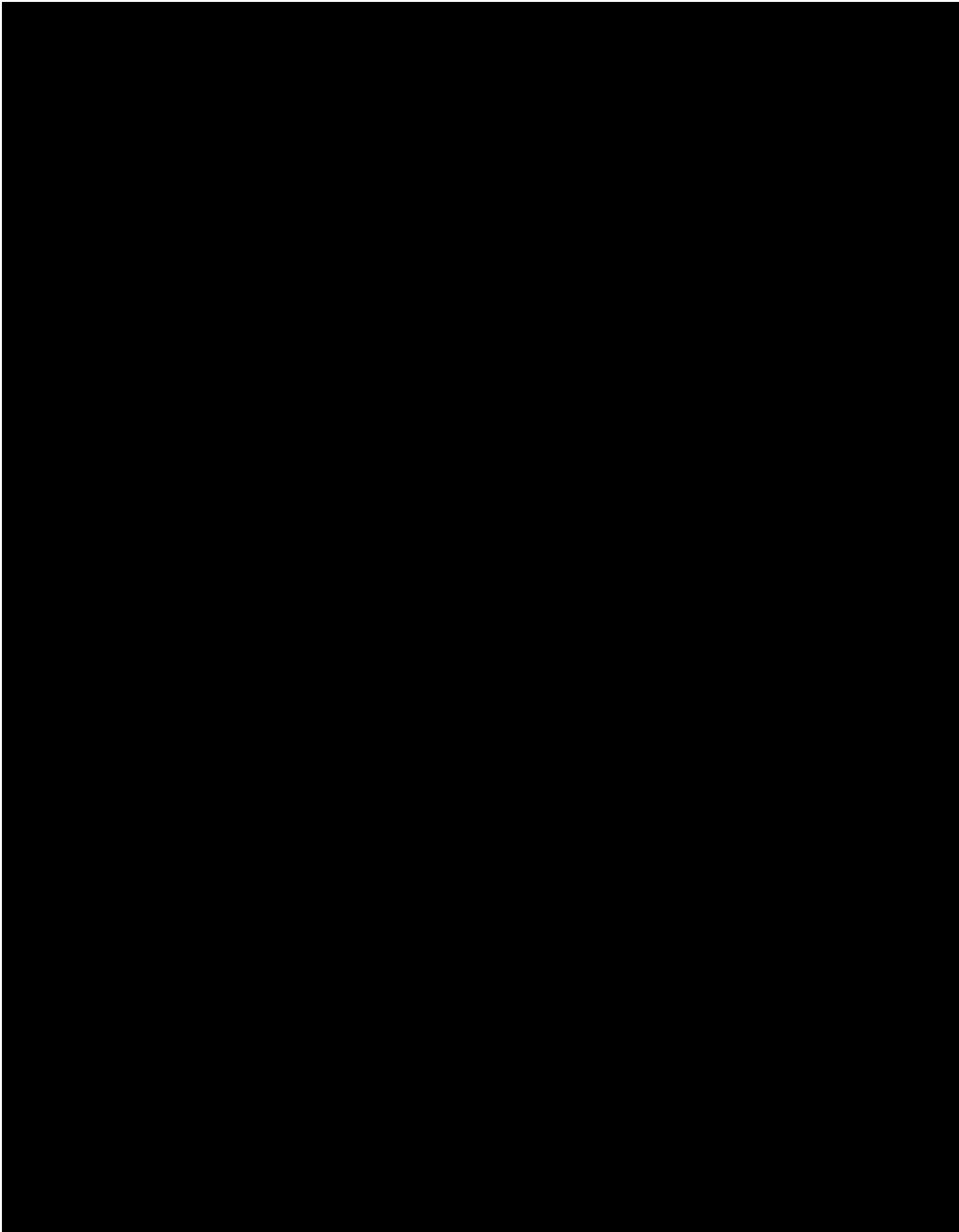


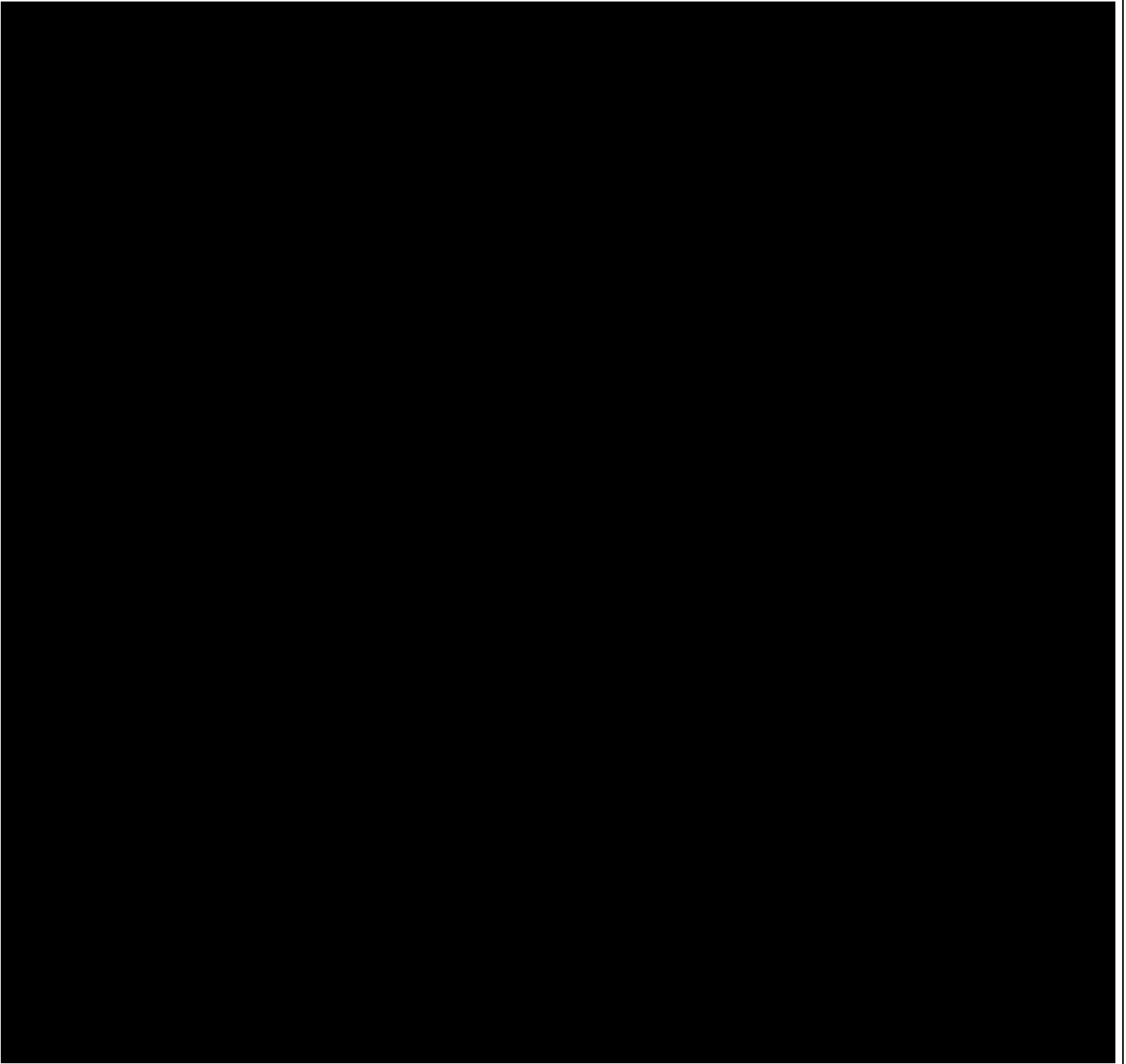












This section contains text that is mostly illegible due to extreme blurring. The text appears to be organized into several paragraphs, but the individual words and sentences cannot be discerned. The layout suggests a standard document structure with multiple lines of text per paragraph.

