



CONTRACT FOR OFF-SYSTEM HIGHWAY BRIDGE PROGRAM | John Lewis Rd over Little Valley Bayou & Coulee Rd over Peebles Coulee

Contract No. 4400033946
State Project Nos. H.016277.5 and H.016369.5
Federal Aid Project Nos. H016277 and H016369
November 20, 2025

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised August 11, 2025)

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

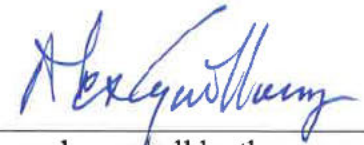
ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	Off-System Highway Bridge Program John Lewis Rd Over Little Valley Bayou and Coulee Rd Over Peebles Coulee Iberia Parish
2. Contract Number(s) as shown in the advertisement	4400033946
3. State Project Number(s), if shown in the advertisement	State Project NOS. H.016277.5 and H.016369.5 Federal Aid Project NOS. H016277 and H016369
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	Bluewing Civil Consulting, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Engineering: EF- LA – 0005887
6. Prime consultant mailing address	PO Box 3384 Lafayette, LA 70502
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	604 Saint John St Lafayette, LA 70501
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Alex Guillory, PE Principal 337-419-0911 alex@bluewingcivil.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Alex Guillory, PE Principal 337-419-0911 alex@bluewingcivil.com

Firm Name: Bluewing Civil Consulting, LLC



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 above shall be the same person listed in Section 9:

November, 20, 2025

Date:

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

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

Firm(s):

Firm(s)' %:

12. Discipline Table:

As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract.

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Discipline(s)	% of Overall Contract	Bluewing Civil Consulting, LLC	Huval & Associates, Inc	Neel-Schaffer	SJB	Firm E	Each Discipline must total to 100%
Bridge	80%	80%	20%				100%
Survey	15%				100%		100%
Environmental	5%			100%			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%	64%	16%	15%	5%		

13. Team Size:

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

Firm name	DOTD Job Classification	Number of personnel committed to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
Bluewing Civil Consulting, LLC	Engineer	2	2
Bluewing Civil Consulting, LLC	Engineer Intern	3	3
Bluewing Civil Consulting, LLC	CADD Technician	2	2
Bluewing Civil Consulting, LLC	Clerical	2	2
Bluewing Civil Consulting, LLC	Engineering-Aide	1	1
Neel-Schaffer, Inc.	Environmental Pro	2	2
Neel-Schaffer, Inc.	Environmental Manager	1	2
SJB Group , LLC	Principal	2	2
SJB Group , LLC	Surveyor	5	5
Huval & Associates, Inc.	Principal	1	1
Huval & Associates, Inc.	Supervisor - Eng	1	5
Huval & Associates, Inc.	Engineer	2	20
Huval & Associates, Inc.	Engineer Intern	1	5
Huval & Associates, Inc.	Senior Technician	1	1
Huval & Associates, Inc.	Technician	1	1
Huval & Associates, Inc.	CADD Technician	1	1

Huval & Associates, Inc.	CADD Drafter	1	4
--------------------------	--------------	---	---



14. Organizational Chart

Summary of Key BWC Staff
Experience with Off System

Bridges Tasks:

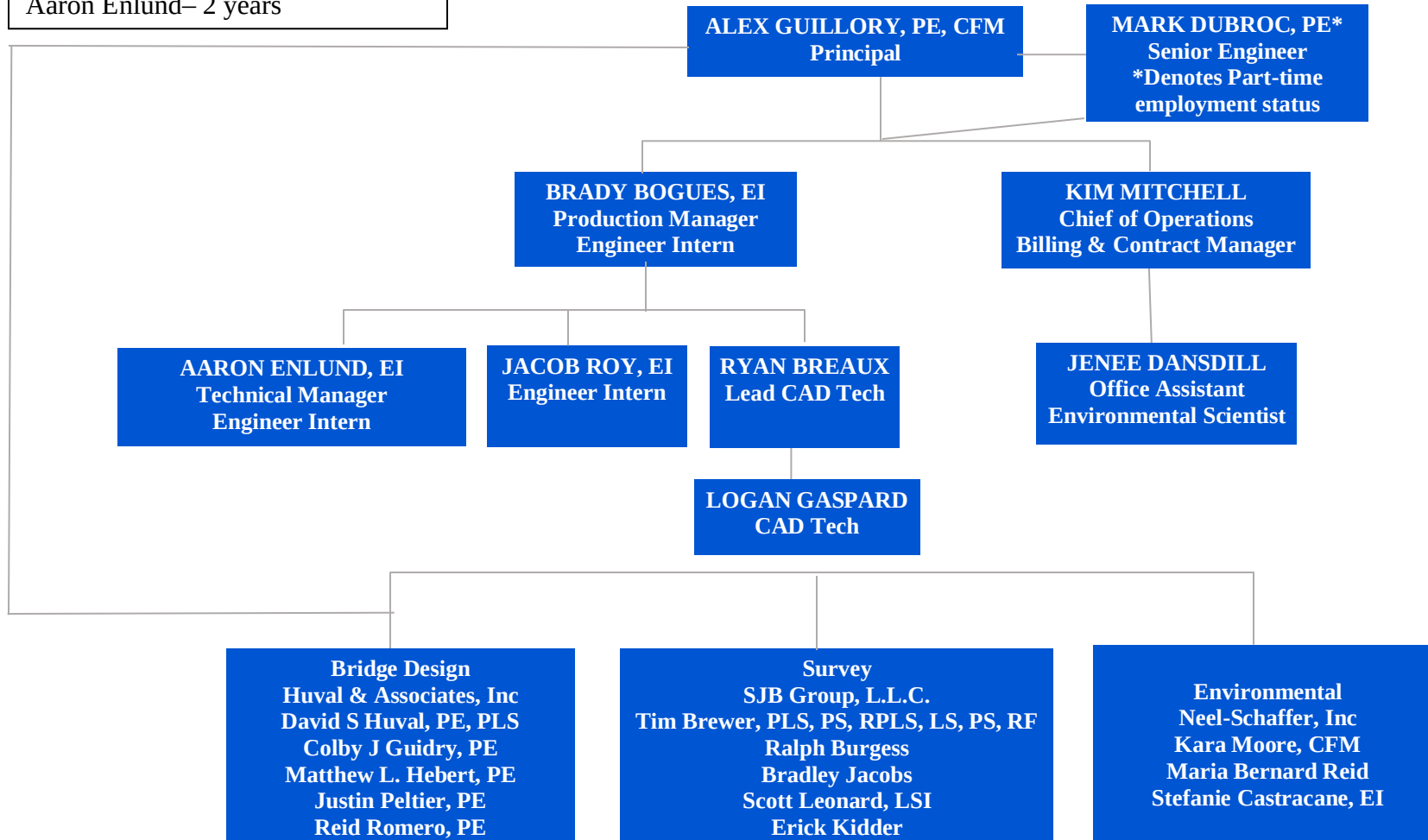
Alex Guillory – 16 years

Marc Dubroc – 44 years

Brady Bogues– 2 years

Aaron Enlund– 2 years

ORGANIZATIONAL CHART



Firm Name: Bluewing Civil Consulting, LLC

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. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that 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 and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Alex Guillory, PE, CFM	Bluewing Civil Consulting, LLC	PE LA # 37874 PE TX # 112894	LA, TX	LA Exp. 09/30/2027 TX Exp. 09/30/2026
2	Alex Guillory, PE, CFM	Bluewing Civil Consulting, LLC	PE LA # 37874 PE TX # 112894	LA, TX	LA Exp. 09/30/2027 TX Exp. 09/30/2026
	Mark Dubroc, PE	Bluewing Civil Consulting, LLC	PE # 22618	LA	Exp. 03/31/2027
3	Alex Guillory, PE, CFM	Bluewing Civil Consulting, LLC	PE LA # 37874 PE TX # 112894	LA, TX	LA Exp. 09/30/2027 TX Exp. 09/30/2026
	Mark Dubroc, PE	Bluewing Civil Consulting, LLC	PE # 22618	LA	Exp. 03/31/2027
4	Ralph Burgess, PLS	SJB Group, L.L.C.	PLS. #0005040	LA	Exp. 09/30/2026
5	Kara Moree, CFM	Neel-Schaffer, Inc	ASFPM US-06- 02202	LA	N/A

16. Staff Experience:

Firm employed by Bluewing Civil Consulting, LLC				
Name	Simon “Alex” Guillory, CFM, PE		Years of relevant experience with this employer	11
Title	Principal		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			ME, 2010 – Civil Engineering, Water Resources Engineering BS, 2008 – Civil Engineering	
Active registration number / state / expiration date			LA PE 37874 – Expires 09/30/2027	
Year registered	1998	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Engineer of Record	
 Mr. Guillory has 16 years of experience in civil, roadway and municipal design and consulting. Mr. Guillory is experienced in all aspects of drainage, hydrology, and hydraulics; transportation design including environmental investigation and mitigation; structural pavement design; site prep; construction engineering and inspection; utility coordination and relocation; and pavement preservation and maintenance.				
August 2019-2025 Sara Street Bridge Lake Charles, LA.			Project Engineer. BWC Design Manager for off-system bridge replacement project in Sulphur, LA for the Calcasieu Parish Police Jury. Project scope includes bridge design, road geometrics & drainage, channel revetment & erosion protection; utility coordination and relocations; management of design sub-consultants including survey, geotechnical engineering, and environmental; responsible charge of construction plan production including temporary traffic control. Final Construction Cost = \$1,347,660	
May 2021-Oct 2021 St. Mary Street Bridge Scour Analysis Elton, LA			Project Engineer. Assisted in the development of watershed delineation. Performed the streambed profile	
August 2021–May 2022 Manual Road Bridge Replacement Jeff Davis Parish, LA			Project Engineer. BWC developed plans for a custom and unconventional repair to Manual Rd bridge in Jeff Davis Parish. A previous bridge replacement project left pre-cast concrete slabs improperly supported by the bridge end bents. This improper cantilevered support condition caused cracking to the deck. The repair included saw cutting the existing pre-cast concrete deck at both end abutments, replacing the approach slab foundation, and rebuilding the approach slab. Final Construction Cost = \$80,155.00	
December 2022 – Current Belfield Ditch Multi-road Crossing Replacement Moss Bluff, LA			Project Engineer. The Belfield Ditch in Moss Bluff, LA crosses many roadways as it drains to Little Indian Bayou. Sharon Lane, Debra Lane, and Gateway Drive are three crossings that the Calcasieu Parish Police Jury identified to be critical drainage structures that needed replacement. Belfield Ditch Multi-road Crossing Replacement project consists of the replacement of these cross drainpipes and adjusting the flowlines in preparation for future channel improvements. The engineered crossings consist of aluminum box culverts along with roadway repairs and subsurface drainage networks. Engineer’s Cost Estimate = \$3,653,320.00	
April 2025- Current APPJ Poplar St. Bridge Replacement			Project Engineer of record for off-system bridge replacement project in Elizabeth, LA for the Allen Parish Police Jury. Project scope includes bridge design, road geometrics & drainage, channel revetment & erosion protection; utility coordination and relocations; management of design sub-consultants including survey, geotechnical	

	engineering, and environmental; responsible charge of construction plan production including temporary traffic control. Engineer's Cost Estimate = \$1,600,000
--	--

Firm employed by Bluewing Civil Consulting, LLC				
Name	Mark B. Dubroc		Years of relevant experience with this employer	1
Title	Senior Engineer		Years of relevant experience with other employer(s)	44
Degree(s) / Years / Specialization			BS, 1980 – Civil Engineering, Louisiana State University	
Active registration number / state / expiration date			LA PE – 22618 Exp. 03/31/2027	
Year registered	1987	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Design Reviewer	
 Mark B. Dubroc is a Senior Engineer with over 42 years of professional civil engineering experience. As a young engineer for Sellers, Dubroc & Associates from 1981 to 1994, and as a Principal of Dubroc Engineering, Inc. for 23 years (1994 - 2017), Mr. Dubroc gained extensive experience in civil engineering design and consulting, with a wide variety of clients and projects including urban and rural roadway and drainage designs, highway bridge design, solid waste transfer facilities, site planning, residential land developments, municipal water and sewer collection systems, and various other civil and structural design projects. Mr. Dubroc served as Director of Public Works for Lafayette Consolidated Government from 2017 to 2020, where he managed 335 Public Works employees, with an operating budget of \$58M, an annual Capital Improvement Program of \$50M, and a 5-Year Capital Plan budget of \$250M, which included 375 projects. He managed the Capital Improvements Division, which included the Design & Development Section, ROW Section, Project Control Section and the Estimates and Administration Section. He also managed the Operations Divisions, which included street and drainage maintenance, and the Traffic and Transportation Division which was responsible for traffic engineering, traffic maintenance (signs and markings), traffic signals maintenance transit operations, and parking. Mr. Dubroc was employed by C.H. Fenstermaker from 2020-2023, primarily developing and managing the engineering department QA/QC program. He has recently joined the staff of Bluewing Civil Consulting (2023) as a senior engineer.				
August 2000-July 2017 LA DOTD S.P. No. H.005508 Verot School Rd. Urban Section (LA 339) Widening and H.005698 Drainage Outfalls Lafayette Parish, LA.			Principal and Project Manager Mr. Dubroc served as the Principal and Project Manager for this \$44.2 million project for the widening of 3.3 miles of rural 2-lane open ditch highway to urban 4-lane median-divided and 5-lane arterial roadway with extensive subsurface drainage systems, including major drainage improvements to 3 subsurface drainage systems. Mr. Dubroc provided project management and design engineering (including drainage, horizontal and vertical geometric designs, and structural design of vertical wall channels and culverts) for all aspects of DOTD roadway design and plan development (Topographic and ROW surveys and maps, and preliminary and final plans).	
January 1982- August 1986 S.P.#455-05-25: Route I-49 – Alexandria Urban Segment (Section 16) (Rapides Parish, LA			Early in his career, Mr. Dubroc served as design engineer for this elevated interchange structure, providing precast concrete girder analyses and design of decks and approach slabs, and engineering services during construction (shop drawing review) for this LADOTD project.	

June 1983- April 1987 S.P. #455-08-12: Route I-49 – Shreveport Urban Segment (Section 8) (Caddo Parish, LA):	Early in his career, Mr. Dubroc served as design engineer for this elevated interchange structure, providing precast concrete girder analyses, column bent designs, and design of decks and approach slabs, and engineering services during construction (shop drawing review) for this LADOTD project.
April 2025- Current APPJ Poplar St. Bridge Replacement	Senior Engineer. Reviewer for off-system bridge replacement project in Elizabeth, LA for the Allen Parish Police Jury. Project scope includes bridge design, road geometrics & drainage, channel revetment & erosion protection; utility coordination and relocations; management of design sub-consultants including survey, geotechnical engineering, and environmental; responsible charge of construction plan production including temporary traffic control. Engineer's Cost = \$1,600,000

Firm employed by Bluewing Civil Consulting, LLC			
Name	Aaron Enlund		Years of relevant experience with this employer
Title	Engineer Intern		5
		Years of relevant experience with other employer(s)	
Degree(s) / Years / Specialization		BS, May 2022 – Civil Engineering	
Active registration number / state / expiration date		EI, LA – 35149 Exp. 09/30/2026	
Year registered	2022	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		H&H Engineer Intern	
 Mr. Aaron Enlund is a civil engineering specialist with experience in roadway and drainage design and watershed modeling. Mr. Enlund utilizes and is deeply knowledgeable in the following software: HEC (RAS [1D/2D], HMS, SSP, Geo-HMS/RAS), XP-Storm, GIS (ArcMAP & QGIS), AutoCAD			
August 2019-2025 Sara Street Bridge Lake Charles, LA.		Student Engineer Intern. Performed as designer on all aspects of this bridge replacement project. Duties included roadway geometric design, subsurface drainage analysis and design, channel revetment modeling, plan production, 3rd party utility coordination, and temporary traffic control. Final Construction Cost = \$1,347,660	
Sept 2022- July 2024 JDPPJ Bridge Repairs – Babineaux Rd Bridge		Engineer Intern. BWC Design bridge repairs to rehabilitate deteriorating structural elements of the Babineaux Rd bridge. Rehabilitative repairs included spall repairs to the concrete caps, pile splicing using an epoxy-coated Kevlar wrap and carbon rods, removal/disposal of drift debris, and wingwall replacement/backfill. Final Construction Cost = \$69,855.02	
December 2022 – Current Belfield Ditch Multi-road Crossing Replacement Moss Bluff, LA		Engineer Intern. The Belfield Ditch in Moss Bluff, LA crosses many roadways as it drains to Little Indian Bayou. Sharon Lane, Debra Lane, and Gateway Drive are three crossings that the Calcasieu Parish Police Jury identified to be critical drainage structures that needed replacement. Belfield Ditch Multi-road Crossing Replacement project consists of the replacement of these cross drainpipes and adjusting the flowlines in preparation for future channel improvements. The engineered crossings consist of aluminum box culverts along with roadway repairs and subsurface drainage networks. Engineer's Cost Estimate = \$3,653,320.00	
April 2025- Current APPJ Poplar St. Bridge Replacement		Engineer Intern. BWC Design checker for off-system bridge replacement project in Elizabeth, LA for the Allen Parish Police Jury. Project scope includes bridge design, road geometrics & drainage, channel revetment & erosion protection; utility coordination and relocations; management of design sub-consultants including survey, geotechnical engineering, and environmental; responsible charge of construction plan production including temporary traffic control. Engineer's Cost Estimate = \$1,600,000	
January 2019 -Current Various Site Civil Various Parishes, LA.		Student Engineer Intern. Aaron has assisted with many site civil design projects which require coordination with DOTD for state highway access connections. Aaron is experienced and proficient in all aspects of site civil design including drainage, grading, geometrics, traffic and stormwater pollution prevention	

Firm employed by Bluewing Civil Consulting, LLC			
Name	Brady Bogues		Years of relevant experience with this employer
Title	Engineer Intern		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS, December 2022 – Civil Engineering	
Active registration number / state / expiration date		EI, LA – 35348 Exp. 09/30/2027	
Year registered	2023	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Roadway Engineer Intern	
 Mr. Brady Bogues is a civil engineering specialist with experience in roadway and drainage design and watershed modeling. Mr. Bogues utilizes and is deeply knowledgeable in the following software: Geo-HMS/RAS), XP-Storm, GIS (ArcMAP & QGIS), AutoCAD.			
August 2021–May 2022 Manual Road Bridge Replacement Jeff Davis Parish, LA		Engineer Intern. BWC developed plans for a custom and unconventional repair to Manual Rd bridge in Jeff Davis Parish. A previous bridge replacement project left pre-cast concrete slabs improperly supported by the bridge end bents. This improper, cantilevered support condition caused cracking to the deck. The repair included saw cutting the existing pre-cast concrete deck at both end abutments, replacing the approach slab foundation, and rebuilding the approach slab. Final Construction Cost = \$80,155.00	
Sept 2022- July 2024 JDPPJ Bridge Repairs – Babineaux Rd Bridge		Engineer Intern. BWC Design bridge repairs to rehabilitate deteriorating structural elements of the Babineaux Rd bridge. Rehabilitative repairs included spall repairs to the concrete caps, pile splicing using an epoxy-coated Kevlar wrap and carbon rods, removal/disposal of drift debris, and wingwall replacement/backfill. Final Construction Cost = \$69,855.02	
August 2022-Current Broad Street Crossing Upgrades Lake Charles, LA.		Project Manager. Broad St in east Lake Charles is a critical surface transportation corridor for the region. Near the Broad St intersection with US 90, the roadway crosses Antoine Gully, which is a tributary of English Bayou. The existing box culvert is appx 100 years old, and the r/w section geometry through the channel crossing does not meet current minimum safety standards, and there is a severe scour hole formed on the downstream side of the crossing. BWC designed a new channel crossing with improved hydraulic capacity, and an improved r/w section geometry (roadway foreslopes, etc). this project included HEC-RAS modeling to address the scour hole mitigation, and close coordination with the owner and survey and geotechnical consultants. Engineer's Cost Estimate = \$1,050,000.00	
April 2025- Current APPJ Poplar St. Bridge Replacement		Engineer Intern. BWC Design checker for off-system bridge replacement project in Elizabeth, LA for the Allen Parish Police Jury. Project scope includes bridge design, road geometrics & drainage, channel revetment & erosion protection; utility coordination and relocations; management of design sub-consultants including survey, geotechnical engineering, and environmental; responsible charge of construction plan production including temporary traffic control. Engineer's Cost Estimate = \$1,600,000	

Firm employed by Bluewing Civil Consulting, LLC			
Name	Jacob Roy	Years of relevant experience with this employer	1
Title	Engineer Intern	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		BS, 2022 – Civil Engineering	
Active registration number / state / expiration date		EI, LA # 35154 Exp 09/30/2026	
Year registered	2022	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Design Aide	
 Jacob Roy is a civil engineering specialist with growing experience in roadway and drainage design and watershed modeling. Mr. Roy utilizes and is deeply knowledgeable in the following software: HEC (RAS [1D/2D]), GIS (ArcMAP & QGIS), AutoCAD			
August 2022-Current Broad Street Crossing Upgrades Lake Charles, LA		Engineer Intern. Broad St in east Lake Charles is a critical surface transportation corridor for the region. Near the Broad St intersection with US 90, the roadway crosses Antoine Gully, which is a tributary of English Bayou. The existing box culvert is appx 100 years old, and the r/w section geometry through the channel crossing does not meet current minimum safety standards, and there is a severe scour hole formed on the downstream side of the crossing. BWC designed a new channel crossing with improved hydraulic capacity, and an improved r/w section geometry (roadway foreslopes, etc). this project included HEC-RAS modeling to address the scour hole mitigation, and close coordination with the owner and survey and geotechnical consultants. Engineer's Cost Estimate = \$1,050,000.00	
August 2022 – Current LIB Orlean Run Moss Bluff, LA		Engineer Intern. BWC performed a study of the Pentangeli and Orleans Run Subdivisions to identify a solution to reoccurring flooding. BWC developed design alternative to mitigate this flooding that would more effectively convey stormwater runoff into Little Indian Bayou. BWC is engineering a new drainage route to reduce the flooding risk to the Pentangeli and Orleans Run Subdivisions. The drainage route consists of various sizes of box culverts as well as an improved channel. This drainage route traverses a proposed subdivision and was engineered to accept the storm water runoff from this proposed development. Contractors Bid Amount = \$3,866,811.00	

Firm	Bluewing Civil Consulting, LLC		
Name	Ryan Breaux	Years of experience with this firm/employer	4
Title	CAD II Specialist	Years of experience with other firm(s)/employer(s)	15
Degree(s) / Years / Specialization	NA		
Active registration number / state / expiration date	NA		
Year registered	NA	Discipline	NA
Contract role(s) / brief description of responsibilities	CAD II Specialist		
	Mr. Ryan Breaux is a CAD II Specialist with many years experience. Mr. Breaux utilizes and is very knowledgeable in the following software: AutoCAD Civil3D		
August 2019-2025 Sara Street Bridge Lake Charles, LA.	Lead CAD Technician. BWC CAD Design Manager for off-system bridge replacement project in Sulphur, LA for the Calcasieu Parish Police Jury. Developed plan sheets.		
March 2022-Current Manuel Road Bridge Repair Fenton, LA	Lead CAD Technician. BWC CAD Design Manager for off-system bridge replacement plans– developed plan sheets and all title blocks in AutoCAD for the Jeff Davis Parish Police Jury.		
December 2022 – Current Belfield Ditch Multi-road Crossing Replacement Moss Bluff, LA	Lead CAD Technician or Belfield Ditch in Moss Bluff, LA crosses many roadways as it drains to Little Indian Bayou. Sharon Lane, Debra Lane, and Gateway Drive are three crossings that the Calcasieu Parish Police Jury identified to be critical drainage structures that needed replacement. Belfield Ditch Multi-road Crossing Replacement consists of the replacement of these cross drainpipes and adjusting the flowlines in preparation for future channel improvements. The engineered crossings consist of aluminum box culverts along with roadway repairs and subsurface drainage networks. Engineer's Cost Estimate = \$3,653,320.00		
April 2025- Current APPJ Poplar St. Bridge Replacement	Lead CAD Technician for off-system bridge replacement project in Elizabeth, LA for the Allen Parish Police Jury. Project scope includes bridge design, road geometrics & drainage, channel revetment & erosion protection; utility coordination and relocations; management of design sub-consultants including survey, geotechnical engineering, and environmental; responsible charge of construction plan production including temporary traffic control. Engineer's Cost Estimate = \$1,600,000		

Firm	Bluewing Civil Consulting, LLC		
Name	Logan Gaspard	Years of experience with this firm/employer	1
Title	CAD I Specialist	Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization		Associate of Applied Science in Drafting & Design Technology May 2024	
Active registration number / state / expiration date			
Year registered	NA	Discipline	NA
Contract role(s) / brief description of responsibilities		CAD I Specialist	
 Mr. Logan Gaspard is a CAD I Specialist. Mr. Gaspard utilizes and is very knowledgeable in the following software: AutoCAD Civil3D			
December 2022 – Current Belfield Ditch Multi-road Crossing Replacement Moss Bluff, LA		Support CAD Technician on Belfield Ditch in Moss Bluff, LA crosses many roadways as it drains to Little Indian Bayou. Sharon Lane, Debra Lane, and Gateway Drive are three crossings that the Calcasieu Parish Police Jury identified to be critical drainage structures that needed replacement. Belfield Ditch Multi-road Crossing Replacement consists of the replacement of these cross drainpipes and adjusting the flowlines in preparation for future channel improvements. The engineered crossings consist of aluminum box culverts along with roadway repairs and subsurface drainage networks. Engineer's Cost Estimate = \$3,653,320.00	
April 2025- Current APPJ Poplar St. Bridge Replacement		Support CAD Technician for off-system bridge replacement project in Elizabeth, LA for the Allen Parish Police Jury. Project scope includes bridge design, road geometrics & drainage, channel revetment & erosion protection; utility coordination and relocations; management of design sub-consultants including survey, geotechnical engineering, and environmental; responsible charge of construction plan production including temporary traffic control. Engineer's Cost Estimate = \$1,600,000	

Firm	Bluewing Civil Consulting, LLC		
Name	Kim Mitchell	Years of experience with this firm/employer	10
Title	Project Coordinator/Office Manager	Years of experience with other firm(s)/employer(s)	26
Degree(s) / Years / Specialization		BS, 1992 General Science	
Active registration number / state / expiration date		NA	
Year registered	NA	Discipline	NA
Contract role(s) / brief description of responsibilities		Administrative	
 Ms. Kim Mitchell is Chief of Operations with many years experience. Ms. Mitchell utilizes and is deeply knowledgeable in the Deltek Ajera software which enables careful watch on progress and budget of projects. She is knowledgeable in EJCDC documents and the requirements of contracts and Amendments.			
August 2019-2025 Sara Street Bridge Lake Charles, LA		Billing and Contract Manager. BWC Billing and Contract Manager. Correspond with client to create and execute contract, create budget reports and inform Project engineer	
April 2025- Current APPJ Poplar St. Bridge Replacement		Billing and Contract Manager. BWC Billing and Contract Manager. Correspond with client to create and execute contract, create budget reports and inform Project engineer	

Firm	Bluewing Civil Consulting, LLC		
Name	Jenee Dansdill	Years of experience with this firm/employer	5
Title	Environmental Scientist	Years of experience with other firm(s)/employer(s)	NA
Degree(s) / Years / Specialization		BS, 2018 – Science, Environmental Quality	
Active registration number / state / expiration date		NA	
Year registered	N/A	Discipline	Wetland Delineation
Contract role(s) / brief description of responsibilities		Administrative	
 Ms. Jenee Dansdill is an Environmental Scientist with experience in permitting. Ms. Dansdill utilizes Deltek Ajera software which enables careful watch on progress and budget of projects. She is knowledgeable in EJCDC documents and the requirements of contracts and Amendments.			
April 2025- Current APPJ Poplar St. Bridge Replacement		Billing and Contract Manager. BWC Billing and Contract Manager. Correspond with client to create and execute contract, create budget reports and inform Project engineer	

Firm	Neel-Schaffer, Inc		
Name	Kara Moree, CFM	Years of experience with this firm/employer	<1
Title	Environmental Manager	Years of experience with other firm(s)/employer(s)	20
Degree(s) / Years / Specialization		BS / 2005 / Resource Biology & Biodiversity	
Active registration number / state / expiration date		ASFPM US-06-02202 / LA	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Environmental	



Ms. Moree is a Certified Floodplain Manager with 20 years of environmental, planning and project management experience, with concentration on NEPA compliance, environmental documentation, permitting, storm water, roadway and drainage projects. Ms. Moree has a wide range of experience in roadway projects, including direct responsibility for environmental inventory, feasibility studies, NEPA documentation, community and stakeholder engagement, wetland delineations, and permitting. Through previous employment with federal and local governments as well as with the private sector, she has provided technical assistance to various federal, state, and local agencies regarding environmental laws, regulations and executive orders and has done extensive public outreach activities, especially during her employment with the Environmental and Historic Preservation Group of the Federal Emergency Management Agency (FEMA).

August 2024 - Present LADOTD SP No. H.003931 I-10 Calcasieu River Bridge P3 Project, Lake Charles, LA	<i>Environmental Compliance Manager (ECM)</i> for the Design Build Contractor (Louisiana Bridge Builders). Tasks include the management and guidance of the environmental permitting and compliance commitments for the project in accordance with NEPA standards. Acts as a liaison between the design team, environmental permitting team and all agencies involved in the permitting process. Providing guidance to LBB and assisting in decision making are key to the job duties as well as preparing all associated Environmental Plans such as a Comprehensive Environmental Protection Plan and a Hazardous Materials Management Plan
August 2020 – May 2025 LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA	Project Manager and NEPA Specialist. Kara served as Project Manager and Environmental/NEPA Specialist on the Enhanced Planning Study and Environmental Assessment for a proposed new bridge crossing of the Mississippi River for the purposes of providing transportation system redundancy and additional capacity across the Mississippi River and alleviating traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new “south” Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 with a connection to Interstate 10 on the west side of the Mississippi River and to LA 30 (and widening of LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. This project required an elevated level of public involvement which included quarterly updates to the Capital Area Road and Bridge District (CARB-D). CARB-D is a commission made up of Parish Presidents from Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge parishes, the Secretary of DOTD, and a commission chairman appointed by the Governor.

Sept 2018- August 2020 LA 3040 Stage 0 Feasibility Study, LADOTD, Houma, LA:	Project Manager responsible for coordination with client, scoping, invoicing, subconsultant coordination related to a Stage 0 Feasibility Study to identify safety and/or operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA and evaluate reasonable alternatives to address any deficiencies discovered. Ms. Moree was also responsible for ensuring compliance with NEPA guidelines and for creating the collision diagram and all public involvement activities for the project, which included stakeholder coordination with the local regional planning commission, LADOTD District, and State Police
Dec 2019 – August 2020 LA 429 at I-10 Connector (LA 30/LA 73) Stage 0 Feasibility Study, Gonzales, LA, LADOTD	Project Manager. Ms. Moree oversaw the safety analysis of both the corridors and the interchanges and coordinated with the traffic engineering consultant in the development of the alternatives, preparation of the schematic design of alternatives, preparation of cost analysis for five alternatives, and evaluation environmental and right-of-way impacts
Nov 2012- Oct 2016 S.P. No. H.009837.1: Stage 0 Feasibility Study and Environmental Inventory for Mobility Improvements for LA 64 (LA 1019 to LA 16) in Livingston Parish for LA DOTD:	Ms. Moree served as the Environmental Professional responsible for performing the Environmental Inventory to ensure compliance with NEPA and all other federal, state, and local environmental rules and regulations. Duties also include identifying wetlands and preparing mitigation cost tables as well as creating Environmental Avoidance mapping through the use of GIS. She also performed some Project Manager responsibilities such as coordinating meetings and coordination of the Project Team.
March 2014- Dec 2016 Stage 0 Feasibility Study and Environmental Inventory for LA 30 (Ashland Rd. to LA 44), Ascension Parish, LADOTD, SP No. H.010572.1	Environmental Project Manager responsible for performing the Environmental Inventory to ensure compliance with NEPA and all other federal, state, and local environmental rules and regulations for evaluating alternatives to improve the mobility of the corridor. Additional duties included identifying wetlands and preparing mitigation cost tables, stakeholder/public meetings, as well as creating Environmental Avoidance mapping using GIS.
May 2015- Jan 2017 Stage 0 Feasibility Study LA 328 (Latiolais Drive to Julie Street), LADOTD SP No. H.011279.1	Environmental Project Manager responsible for responsible for performing the Environmental Inventory to ensure compliance with NEPA and all other federal, state, and local environmental rules and regulations.

Firm	Neel-Schaffer, Inc		
Name	Maria Bernard Reid	Years of experience with this firm/employer	<1
Title	Environmental Pro	Years of experience with other firm(s)/employer(s)	24
Degree(s) / Years / Specialization	BS / 1998 / Forest Management and Wildlife; MS / 2000 / Agribusiness and Agricultural Economics - Natural Resource Policy and Environmental Management and Planning		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	Environmental		



Ms. Reid has over 24 years of experience in environmental and regulatory compliance in both the private and public sectors. She has managed, planned, and participated in projects requiring protected species surveys, general wildlife inventories, forest inventories, biological assessments (BAs), wetland delineations and permitting, categorical exclusions, environmental assessments (EAs), and environmental impact assessments (EIS) in Louisiana, Mississippi, Alabama, Michigan, New York, Georgia, Tennessee, Florida, Arkansas, Texas, California, New Mexico, and Arizona, as well as numerous wetland delineations in Louisiana, Mississippi, Alabama, and Florida. Ms. Reid worked with Federal and state government clients including U.S. Department of the Army, Department of the Navy, Department of Homeland Security, Customs and Border Protection, U.S. Army Corps of Engineers, U.S. Forest Service, and Louisiana Department of Transportation and Development. Ms. Reid has completed the NEPA and Transportation Decision Making course (2014).

Jan 2022 – April 2025 S.P. H.013284: Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA	Deputy Project Manager and NEPA Specialist – Maria served as Deputy Project Manager and Environmental/NEPA Specialist on the Enhanced Planning Study and Environmental Assessment for a proposed new bridge crossing of the Mississippi River for the purposes of providing transportation system redundancy and additional capacity across the Mississippi River and alleviating traffic congestion in the Capital Region. The five-parish Baton Rouge Metropolitan Area includes Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes. The new “south” Mississippi River Bridge and approaches will be a conventional highway/expressway facility connecting to LA 1 with a connection to Interstate 10 on the west side of the Mississippi River and to LA 30 (and widening of, LA 30) on the east side of the Mississippi River. It is planned that the new crossing will be funded in part through the collection of tolls. This project required an elevated level of public involvement which included quarterly updates to the Capital Area Road and Bridge District (CARB-D). CARB-D is a commission made up of Parish Presidents from Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge parishes, the Secretary of LA DOTD, and a commission chairman appointed by the Governor. CARB-D meetings are considered open to the public and are streamed through the Louisiana State Senate’s website (senate.la.gov/video_archive). The Enhanced Planning Study was completed and the documentation produced was accepted by FHWA Louisiana in December 2023 as the first approved Planning and Environmental Linkage (PEL) document in Louisiana. NEPA phase field studies were started in 2024.
--	---

August 2020 – May 2025 LADOTD Mississippi River Bridge South GBR: LA 1 to LA 30 Connector, Baton Rouge, LA	Louisiana Bridge Builders (LBB), the constructor partner for the project, contracted with Atlas Technical Consultants to provide Environmental Compliance services to meet the technical requirements of key personnel, i.e., the Environmental Compliance Manager (ECM). Ms. Reid provided the management and guidance of the environmental permitting and compliance commitments for the project in accordance with NEPA standards. Acted as a liaison between the design team, environmental permitting team, and all agencies involved in the permitting process. Provided guidance to LBB and assisted in decision-making. Prepared the Comprehensive Environmental Protection Plan, the Hazardous Materials Management Plan, and assisted with the Health and Safety Plan.
Sept 2014- August 2018 Environmental Impact Manager, Louisiana Department of Transportation and Development, Baton Rouge, LA:	The DOTD Environmental Section evaluates the environmental consequences of each DOTD project on the natural and human environment and promotes compatible solutions in serving the transportation needs of Louisiana. As Environmental Impact Manager, Ms. Reid supported that role by: Managing staff workload, evaluating job performance, reviewing staff work, and counseling employees; Managing in-house, in-depth analyses, research and field investigations on cultural and natural resource issues; Researching, writing, and publishing of detailed reports including EISs, EAs, BAs, wetland delineations, and habitat evaluations (including monitoring of sensitive species); Conducting public involvement events, answering questions from the public and other interested parties; Representing DOTD at interagency meetings with Federal, state and local agencies to coordinate and facilitate discussions on project proposals, project impacts, and permit and mitigation requirements; Acting as a representative of DOTD at meetings with elected officials, business groups, citizen groups, educational forums, and the affected public to provide information on specialized topics; and Initiating, negotiating, and managing contractual agreements with other local, state, and federal agencies, and consulting firms
Sept 2013 – Feb 2017 LA 427 (Perkins Road): Siegen Lane – Highland Road (Environmental Assessment, H.002344)	This project would widen Perkins Road from a two-lane roadway with poor level of service to a four-lane divided roadway with improved level of service with implementation of access management. The project was proposed as part of the Road Transfer Program and Mayor Holden’s Green Light Program. The EA and line and grade-level design were prepared by consultants; however, Ms. Reid was involved in project decisions including: extension of the project termini (extension from Pecue to Highland in September 2014); additional noise studies with homeowner association outreach in 2016; EA and technical report review, comment, and submittal to FHWA. FHWA signed the Finding of No Significant Impact on February 9, 2017.
Dec 2014- Sept 2017 Interstate 10 Widening: I-49 eastward to Atchafalaya Floodway Bridge (Categorical Exclusions, H.003003, H.010601, H.003014)	This project was completed on an accelerated schedule in order to qualify for FASTLANE Grant funding. Each of the three sections were processed using Categorical Exclusions: 1) I-49 to LA 328, 2) LA 328 to LA 347, and 3) LA 347 to Atchafalaya Floodway Bridge. As the Environmental Coordinator, Ms. Reid prepared each Categorical Exclusion which required public outreach including solicitation of views and public meetings. The Categorical Exclusions were approved May 29, 2015 (H.003003), February 18, 2016 (H.003014), and September 16, 2017 (H.010601).

Firm	Neel-Schaffer, Inc		
Name	Stefanie Castracane, EI	Years of experience with this firm/employer	<1
Title	Environmental Pro	Years of experience with other firm(s)/employer(s)	13
Degree(s) / Years / Specialization		MS / Biological and Agricultural Engineering / 2013, BS / 2011 / Biological Engineering	
Active registration number / state / expiration date		Engineer Intern 30464 / LA / 09/30/2027	
Year registered	2011	Discipline	Civil
Contract role(s) / brief description of responsibilities		Environmental	
 Stefanie has over 13 years of engineering, technical fieldwork, and project management experience in the investigation, evaluation, and remediation of impaired sites located throughout the United States. She has been the lead project manager on several long-term, large-scale investigation and remediation projects under the jurisdiction of CERCLA, RCRA, and state-led programs. She has been a field engineer for environmental investigations and remediation and regulatory compliance for environmental projects and industrial facilities in Louisiana, Mississippi, Arkansas, Texas, Oklahoma, and New Mexico, primarily in the oil and gas and chemical manufacturing industry.			
May 2025 – Nov 2025 Phase I Environmental Site Assessment/Due Diligence for Multiple Clients in Texas, Michigan, Indiana, and Illinois: Conducted		Conducted Phase I Environmental Site Assessments (ESA) for commercial properties. Prepared reports detailing findings, conclusions, and recommendations.	
Oct 2025 – Nov 2025 Phase II Environmental Site Assessment for I-10 Calcasieu River Bridge Project		Currently performing numerous Phase II ESAs for multiple preconstruction properties. The investigations are driven by findings reported in Phase I ESAs conducted to determine environmental risk associated with the various property parcels. Final reports will be prepared comparing analytical results to appropriate state screening standards	
Oct 2025- Nov 2025 Lead-Based Paint Screening for I-10 Calcasieu River Bridge Project		Currently performing lead-based paint screening on the currently bridge structure. Final reports will be prepared comparing analytical results to appropriate state screening standards.	
Jan 2021 – May 2025 Groundwater Recovery System at a Former UST Site in Northern Louisiana		Site Manager and Project Manager. Oversaw project planning and operation and maintenance of a groundwater recovery system to address benzene, toluene, ethylbenzene and xylenes (BTEX) constituents in groundwater.	

Jan 2021- May 2025 Former UST Site in Northern Louisiana: Site Manager and Project Manager	Managed the coordination and implementation of a Corrective Action Plan targeting BTEX constituents stemming from previous Underground Storage Tank (UST) operations. Led field investigations, including quarterly groundwater sampling and soil assessments. Oversaw multiple In-Situ Chemical Oxidation (ISCO) injection treatments to remediate the affected area. Facilitated the decommissioning of a groundwater recovery system upon successful completion of remediation efforts
Jan 2021- May 2025 Multiple Former UST Sites in Southwestern Louisiana: Site Manager and Project Manager	Managed the coordination and implementation of multiple Corrective Action Plans to address BTEX constituents from former UST operations. Led field investigations, including quarterly groundwater sampling and soil assessments. Oversaw multiple In-Situ Chemical Oxidation (ISCO) injection treatments to remediate the affected area. Facilitated the decommissioning of a groundwater recovery system upon successful completion of remediation efforts.
May 2014 - May 2025 Soil and Groundwater Investigations at Various Facilities in Louisiana	Conducted site-wide characterization of soil and groundwater impacts from industrial operations. Managed and prepared field investigations, developed health and safety plans, and prepared reports for governing agencies.
May 2014 - May 2025 Quarterly and Semi-Annual Groundwater Monitoring at Various Facilities in Louisiana	Coordinated and conducted groundwater monitoring sampling events at active and former impacted sites. Developed health and safety plans and prepared reports for governing agencies
Jan 2021- May 2025 Phase I Environmental Site Assessment/Due Diligence for Multiple Clients in Louisiana, Mississippi, Texas, Arkansas, and Tennessee	Conducted Phase I Environmental Site Assessments (ESA) for commercial, industrial, and residential properties. Prepared reports detailing findings, conclusions, and recommendations.
Jan 2021- May 2025 Phase II Environmental Site Assessment for Multiple Clients in Louisiana and Mississippi	Performed numerous Phase II ESAs for multiple commercial, industrial, residential and preconstruction retail properties. The soil and groundwater investigations were driven by findings reported in Phase I ESAs conducted to determine environmental risk associated with the purchase of the property. Final reports were prepared comparing analytical results to appropriate state screening standards.
Jan 2021- Dec 2022 LDEQ Contract No. 2000430545, Marco of Iota Site	Coordinated implementation of Interim Corrective Action Plan and Removal Action Plan. Site activities consisted of asbestos-containing material (ACM) sampling and abatement, hazardous/non-hazardous materials characterization/removal/disposal, soil sampling, and ground-penetrating radar (GPR) / electromagnetic (EM) surveys.

Firm	SJB Group , LLC		
Name	Matthew Estopinal, PE, PLS	Years of experience with this firm/employer	3
Title	Principal / CEO	Years of experience with other firm(s)/employer(s)	15
Degree(s) / Years / Specialization		B.S. in Civil Engineering 2009 LSU B.S. in Microbiology 1996 LSU	
Active registration number / state / expiration date		PE #0039151 Louisiana 3/31/2027 PLS #0004955 Louisiana 3/31/2027 PE #122184 Tennessee 1/31/2027 PE #32982 Mississippi 12/31/2026	
Year registered	2014, 2006, 2019, 2022	Discipline	Professional Engineer, Professional Land Surveyor, Professional Engineer, Professional Engineer
Contract role(s) / brief description of responsibilities		QA/QC	
 Mr. Estopinal has 19 years of experience as a PLS in Louisiana managing transportation and community development-related projects for private clients, MoveBR, and LA DOTD. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping.			
Aug 2024 – Present LA DOTD Project No. H.003931 – I-10 Calcasieu River Bridge P3 Project		QA/QC. SJB Group provided an additional Topographic Survey, a Property Survey and Right-of-Way Mapping for this project which is the largest in LA DOTD history. This project covers a 5.5 mile stretch of Interstate 10 and includes 15 bridges and 19 ramps. Mr. Estopinal assisted with title research and boundary analysis, overseeing field activities and supervising the preparation of the primary control sketch, property survey and base right-of-way maps, providing QA/QC for all activities.	
July 2021 – Oct 2023 LA DOTD Project No. H.005121.5 LA1 – LA415 Connector		QA/QC. The project was a topographic survey by conventional survey methods and mobile LiDAR Scanning for the design of a roadway to connect LA 415 to LA 1. The project is a supplement to previously performed surveying for the realignment of the project due to recent development and construction. The project limits include areas of roadway into forested lands, agricultural fields, residential, commercial, industrial, and retail areas.	
Aug 2020- April 2024 LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish		QA/QC. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Surveying, and Subsurface Utility Engineering to assist in the installation of handicapped ramps, drainage structures, and sidewalk improvements. This project included sidewalk and crosswalk evaluations, and design improvements to ADA Standards.	

April 2023 – Sept 2023 LA DOTD Project No. H.012685.5 – LA 385: Ryan Street Intersection Improvements	QA/QC Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 near the campus of McNeese State University. The survey data was collected utilizing mobile lidar methodologies and supplemented by conventional data collection in specified areas
March 2022- Aug 2023 LA DOTD Project No. H.013715.5 – LA 77 Union Pacific Railroad Crossing (Iberville)	QA/QC. This project consisted of Property Surveying, Right-of-Way Mapping and Topographic Surveying for a project that included the depiction of a railroad right-of-way, state-maintained highway, and city streets. The project included preparation of a Property Map, Base Right-of-Way Maps, Final Right-of-Way Maps and the creation of a parcel input file for acquisition descriptions of the subject area.
March 2021- Nov 2021 LA DOTD Project No. H.014752.5 LA 3092 Turn Lanes	QA/QC. This project is located in Orleans Parish, Louisiana, at and around the intersection of LA 39 (N. Claiborne Ave.) and LA 46 (Elysian Fields Ave.) SJB Group was tasked through Retainer Contract No. 4400017711 to provide surveying services. The project limits encompass an urban area with numerous houses and businesses inside the project limits, as well as an extensive underground drainage and sewer system.
July 2021 - Aug 2022 LA DOTD Project No. H.014752.2 – Blackwater Bayou Bridge	Project Manager/QA/QC. This project required replacement of the Bayou River Bridge and a diversion road during construction along LA Hwy 410 in East Baton Rouge Parish near the City/Town of Central. This project involved Property Surveys, Right-of-Way maps, and title take-offs.
Nov 2023 - April 2025 LA DOTD Project No. H.15487.5 – New Orleans Pedestrian Improvements	QA/QC. SJB Group Conducted Mobile LiDAR scanning for the project which included a Topographic Survey and right-of-way mapping of fifty-five intersections in the downtown area of New Orleans, Louisiana. Additionally, the project included the determination of the existing right-of-way for the specific streets and LA DOTD roadways.
July 2021- Feb 2022 LA DOTD Project No. H.012851 –Union Pacific Railroad Corridor	QA/QC. This project is located in Iberville Parish, Louisiana, between the intersection of LA 1 and Bayou Rd. and the intersection of Belleview Dr. and Railroad Ave. SJB Group has been tasked to provide a complete topographic survey including all utilities with depths and all drainage is required, along with finish floor elevations of all buildings that fall within survey limits having a total linear distance of approximately 5,500 ft..
March 2021- Nov 2021 LA DOTD Project No. H.01204.5 – LA 109 Gully Bridge	QA/QC. The project was an addition to an already existing topographic survey originally performed by LA DOTD. The existing topographic survey is located at the intersection of Berry St. and LA 109. The additional project consisted of three additional sites as follows: the intersection of Old River Rd. and LA 109, the intersection of Evangeline Hwy. and Old River Rd, and the intersection of LA 12 and Old River Rd.

Firm	SJB Group, LLC		
Name	Charles "Tim" Brewer, PLS, PS, RPLS, LS, PS, RF	Years of experience with this firm/employer	3
Title	Principal-in-Charge	Years of experience with other firm(s)/employer(s)	28
Degree(s) / Years / Specialization		Bachelor of Science in Forestry Management / 1988 / Mississippi State University	
Active registration number / state / expiration date		PLS.0005009 Louisiana 9/30/2027 PLS.35341-S Alabama 12/31/2025 RPLS.6142 Texas 12/31/2025 LS.2726 Tennessee 12/31/2025 80756RPP Oregon 12/31/2025 PS.2766 Mississippi 12/31/2025 RF.1286 Mississippi 12/31/2025	
Year registered	2009, 2015, 2010, 2009, 2008, 2008, 1999, 1988	Discipline	Professional Land Surveyor, Professional Land Surveyor, Reg. Professional Land Surveyor, Professional Surveyor, Land Surveyor, Reg. Professional Photogrammetrist, Professional Land Surveyor, Registered Forester
Contract role(s) / brief description of responsibilities		Principal in Charge	
 Mr. Brewer, has over 30 years of survey experience and over 15 years of experience managing a wide variety of surveying projects for USACE, MDOT, LA DOTD, MoveBR, MoveAscension, and private clients. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping.			
Aug 2024 – Present LA DOTD Project No. H.003931 – I-10 Calcasieu River Bridge P3 Project		Surveyor of Record/Project Manager. SJB Group provided an additional Topographic Survey and Right-of-Way Mapping for this project, which is the largest in LA DOTD history. This project covers a 5.5 mile stretch of Interstate 10 and includes 15 bridges and 19 ramps. The topographic survey component of the project include recovery and verification of existing control, preparation of the primary and secondary control sketch, supplemental topographic survey and dtm preparation	
Nov 2023 – March 2025 LA DOTD Project No. H.15487.5 – New Orleans Pedestrian Improvements		Surveyor of Record/Project Manager. SJB Group conducted Mobile LiDAR scanning for the project which included a Topographic Survey and right-of-way mapping of fifty-five intersections in the downtown area of New Orleans, Louisiana. Additionally, the project included the determination of the existing right-of-way for the specific streets and LA DOTD roadways	
Aug 2020- April 2024 LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish		Surveyor of Record/Project Manager. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other accessibility structures in Morgan City	

April 2023 – Sept 2023 LA DOTD Project No. H.012685.5 – LA 385: Ryan Street Intersection Improvements	Surveyor of Record/Project Manager. This project included a Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 near the campus of McNeese State University. The data was collected with Mobile LiDAR with specific areas of surveying with conventional equipment. Data was processed using OpenRoads Designer TopoDOT and InSuite MicroStation. All surveying was performed to LA DOTD Location & Survey Section requirements.
Jan 2023- July 2023 LA DOTD Contract No. 44-22830 – ADA Transition Plan Update Phase 1 – District 3 Pilot Study	Surveyor of Record/Project Manager. Kimley-Horn. SJB Group gathered LiDAR data and associated imagery along 30 linear miles of sidewalks along LA DOTD roadways to allow for the measurement of cross-slope and running-slope of sidewalks.
Oct 2023- Dec 2024 LA DOTD Project No. H.005121.5 LA1 – LA415 Connector	Project Manager. The project was a topographic survey by conventional survey methods and mobile LiDAR Scanning for the design of a roadway to connect LA 415 to LA 1. The project is a supplement to previously performed surveying for the realignment of the project due to recent development and construction. The project limits include areas of roadway into forested lands, agricultural fields, residential, commercial, industrial, and retail areas.
Aug 2022 - April 2024 LA DOTD 44-17597 - Rural Bridge Replacement Initiative, Districts 03, 07, 61, 62	Surveyor of Record/Project Manager. Sub to Burk-Kleinpeter. This project included a Topographic Survey, Right-of-Way Mapping, and roadway design performed for the proposed bridge replacements for LA DOTD Districts 03, 07, 61, and 62. Each site required a complete property map and the preparation of Right-of-Way Maps with supporting data for right-of-way acquisition.
Nov 2023 - April 2025 LA DOTD Project No. H.15487.5 – New Orleans Pedestrian Improvements	Surveyor of Record/Project Manager. SJB Group conducted Mobile LiDAR scanning for the project which included a Topographic Survey and right-of-way mapping of fifty-five intersections in the downtown area of New Orleans, Louisiana. Additionally, the project included the determination of the existing right-of-way for the specific streets and LA DOTD roadways
Sept 2022- Present MDOT Project No. SJB-PS 2022 IDIQ Contract Statewide	Surveyor of Record/Contract Manager. The projects include topographic surveys, boundary surveys to produce the property surveys, hydraulic survey pdf files of the roadway centerlines, creek centerlines, floodplain profiles, and right-of-way determination. The projects are performed according to the Mississippi Department of Transportation Survey Manual. SJB Group has completed three work assignments under the contract.

Firm	SJB Group, LLC		
Name	Ralph Burgess	Years of experience with this firm/employer	>1
Title	Survey Department Manager	Years of experience with other firm(s)/employer(s)	26
Degree(s) / Years / Specialization		B.S. in Industrial Technology Design 2004 Southeastern Louisiana University	
Active registration number / state / expiration date		PLS.0005040 LA 09/30/2026	
Year registered	2010	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		Department Manager	
 Ralph Burgess, PLS, is a Survey Department Manager at SJB Group, LLC. He handles project schedules, oversees field crew operations, and manages office production workflows. He ensures all deliverables meet client specifications and industry standards through final quality control review. Ralph has experience in Topographic and Right of Way surveying, especially for the Louisiana Department of Transportation and Development (LA DOTD). He is knowledgeable about Location and Survey policies and procedures. His project management skills cover both traditional survey methods and advanced geospatial technologies, including 3D Terrestrial Laser Scanning (Static, Mobile, & Drone)..			
Sept 2025 – Present Office of Louisiana Highway Construction Bridge Bundle 6 - O.B.2025.03.048 Vermilion Parish		Surveyor of Record/Project Manager. This project is a complete topography and property survey for seven bridges. Responsibilities included coordination with crews, processing of control and topography, calculating property and right of way, and creating survey control, topographic survey, and property survey packets for submittal and review by supervising professional.	
July 2020 – Oct 2021 LA DOTD: H.013989 Greybow Rd. Palmetto Creek, Beauregard Parish, LA		Surveyor of Record/Project Manager. The project included the completion of property surveys, base right of way maps, and final right of way maps that were required for the project. Responsible for field crew coordination, review of title takeoff & title reports, right of way calculations, review production of maps, final QA/QC, and final deliverables to the Client. The Surveys were performed to LA DOTD Location and Survey Standard.	
Feb 2021- July 2022 LA DOTD H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek		Surveyor of Record/Project Manager. Managed and directed the topographic survey while coordinating with local utility companies for asset location. Conducted thorough quality control and quality assurance reviews of all topography submissions and drainage maps. The topographic data for this project was collected using both traditional means and methods. Additionally, this project included property surveys and right-of-way mapping in accordance with LA DOTD standards.	
Jan 2021 – June 2021 LA DOTD H.013959 Reeds Bridge Rd. Calcasieu River Relief, Allen Parish, LA		Surveyor of Record/Project Manager. Managed and directed the topographic survey while coordinating with local utility companies for asset location. Conducted thorough quality control and quality assurance reviews of all topography submissions and drainage maps. The topographic data for this project was	

	collected using both traditional means and methods. Additionally, this project included property surveys and right-of-way mapping in accordance with LA DOTD standards.
Oct 2015- Jan 2016 LA DOTD H.011773 Hanks Dr/Landis Drive Pedestrian Improvements: East Baton Rouge Parish, LA	Surveyor of Record/Project Manager. The project included the completion of property surveys, base right of way maps, and final right of way maps that were required for the project. Responsible for field crew coordination, review of title takeoff & title reports, review of right of way calculations, review production of maps, final QA/QC, and final deliverables to the Client. The surveys were performed to LA DOTD Location and Survey Standards.
Sept 2010- Oct 2015 LA DOTD H.002372 LA 42 Widening and Improvements, Ascension Parish, LA	Surveyor of Record/Project Manager. The project included the right of way staking and final Right of Way Record Drawings for the project. Responsible for field crew coordination, review of right of way plans and design plans, right of way calculations, review production of maps, final QA/QC, and final deliverables to the Client. The Surveys were performed to LA DOTD Location and Survey Standards
Aug 2016 - Jan 2018 LA DOTD H.011235 I-49 Verot School Road, Lafayette, LA	Surveyor of Record/Project Manager. Responsible for managing and directing the topographic survey and coordinating with the SUE subconsultant for all utility locates. Reviewed and conducted QC/QA of all topography submittals and drainage maps. The topographic data for this project was collected both traditionally and by utilizing 3D Scanning methods. Collaborated with the SUE subconsultant and firm crews to obtain and incorporate all utility data.

Firm	SJB Group, LLC		
Name	Bradley Jacobs	Years of experience with this firm/employer	>1
Title	Senior Survey Technician	Years of experience with other firm(s)/employer(s)	12
Degree(s) / Years / Specialization		B.S. in Civil Engineering 2015 LSU	
Active registration number / state / expiration date		EI.0032456 LA 9/30/2027	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Senior Survey Technician	
			
Sept 2025 – Present Office of Louisiana Highway Construction Bridge Bundle 6 - O.B.2025.03.048 Vermilion Parish		Senior Survey Technician. This project is a complete topography and property survey for seven bridges. Responsibilities included coordination with crews, processing of control and topography, calculating property and right of way, and creating survey control, topographic survey, and property survey packets for submittal and review by supervising professional.	
Sept 2025 – Present H.000112 US 190: UPRR Overpass		Survey Technician. This project is a complete topography for the I-49 and the UPRR Railroad Bridge in Opelousas. This also included topography for the US 190 and Bayou Teche Bridge Replacement. Responsibilities included coordination with crews, topography, reviewing and importing of Mobile LiDAR data, and creating topographic surveys, packet for submittal and review by supervising professionals.	
Sept 2025- Oct 2025 Office of Louisiana Highway Construction Bridge Bundle 6 - O.B.2025.03.047 Vermilion Parish		Senior Survey Technician. This project is a complete topography and property survey for a single bridge. Responsibilities included coordination with crews, processing of control and topography, calculating property and right of way, and creating survey control, topographic survey, and property survey packets for submittal and review by supervising professional.	
April 2022 – Sept 2025 MSY Airport		Survey Technician. This project included various topographic surveys for MSY Airport to support ongoing infrastructure improvements and planning efforts. The surveys provided detailed elevation data,	

	surface features, and existing conditions across multiple areas of the airport property. This information was critical for design accuracy, drainage analysis, and coordination with future construction activities
April 2021- June 2021 Bellacosa Residential Subdivision	Survey Technician. This project included survey crews to stake out the property corners for each lot within the subdivision.
Jan 2023- June 2023 MOVEBR Airline North Control Report	Survey Technician. Complete analysis of control for 4 miles of roadway in Baton Rouge. This included review of all primary and secondary control, all control for terrestrial and mobile scanning, and creating a final control for all the control for the project

Firm	SJB Group, LLC		
Name	Scott Leonard, LSI	Years of experience with this firm/employer	1
Title	Lead Survey Intern	Years of experience with other firm(s)/employer(s)	6.5
Degree(s) / Years / Specialization		B.S. in Geomatics 2015 Nicholls State University	
Active registration number / state / expiration date		LSI.0000810 LA 3/31/2026	
Year registered	2025	Discipline	Survey
Contract role(s) / brief description of responsibilities		Lead Survey Technician	
 Mr. Leonard has over 6 years of experience conducting field surveys as well as analyzing data as a survey technician.			
Nov 2024 – April 2025 MDOT Project No. SJB-PS 3 Mississippi Highway 27 – White Oak Creek		Survey Technician The project includes topographic survey, boundary surveys to produce the property survey map, hydraulic survey pdf files of the roadway centerlines, creek centerlines, floodplain profiles, and right-of-way determination. The project was performed according to the Mississippi Department of Transportation Survey Manual in OpenRoads Designer	
Nov 2024 – April 2025 MDOT Project No. SJB-PS 4 Mississippi Highway 27 – Copiah Creek		Survey Technician The project includes topographic survey, boundary survey to produce the property map, hydraulic survey pdf files of the roadway centerlines, creek centerlines, floodplain profiles, and right-of-way determination. The project was performed according to the Mississippi Department of Transportation Survey Manual in OpenRoads Designer.	
Sept 2024- Dec 2025 LA DOTD Project No. H.012685.5 – US 167: Mt. Vernon Street to Churchill Drive		Survey Technician. This project included a Property Survey and Topographic Survey along US 167 in Lafayette, LA for sidewalk improvements. The project consisted of right-of-way determination of US 167 and 3 street intersections. The project was performed according to the Location and Survey Manual and Addendum A and delivered in the Autodesk format	
Nov 2023 – April 2025 LA DOTD Project No. H.15487.5 – New Orleans Pedestrian Improvements		Survey Technician. Provided CADD support for a topographic survey of 55 intersections in the downtown area of New Orleans, Louisiana. The project was to upgrade and construct pedestrian sidewalk crossings to ADA compliant standards. Project deliverables included topographic surveys, base maps, plan-profile base sheets, coordinate files, and a control sketch.	

June 2024- Present Dollar General Stores Site Development, Various Locations in Louisiana	Survey Technician. Provided site development surveying for Dollar General sites located throughout Louisiana and Mississippi. The survey component to these projects consists of topographic surveying, boundary surveying, construction staking, as built surveys, and ALTA / NSPS Land Title Surveys.
June 2024- Present Atmos Energy Right-of-Way Surveying, Various Locations in Louisiana	Survey Technician. This project included right-of-way surveying and assisting in the preparation of right-of-way maps for ATMOS Energy. To date, he has completed over 100 right-of-way surveys and maps.

Firm	SJB Group, LLC		
Name	Erick Kidder	Years of experience with this firm/employer	2
Title	Party Chief	Years of experience with other firm(s)/employer(s)	11
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	
Contract role(s) / brief description of responsibilities		Party Chief	
 Mr. Kidder has 12 years as a Party Chief. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping using both conventional and GPS instruments. He is knowledgeable with several Leica Geosystems such as the ScanStation C10 3D Laser Scanner, TS16 Robotic Total Station, GS18 GNSS RTK Rover, and Viva GS16 GNSS rover.			
Oct 2023 – Dec 2024 LA DOTD Project No. H005121.5 LA 1 – LA 415 Connector		Party Chief. The project was a topographic survey by conventional survey methods and mobile LiDaR Scanning for the design of a roadway to connect LA 415 to LA 1. The project is a supplement to previously performed surveying for the realignment of the project due to recent development and construction. The project limits include areas of roadway into forested lands, agricultural fields, residential, commercial, industrial, and retail areas.	
Nov 2023 – April 2025 LA DOTD Project No. H.15487.5 – New Orleans Pedestrian Improvements		Party Chief. This project included a Topographic Survey of fifty-five intersections in the downtown area of New Orleans, Louisiana. The purpose of the project was to upgrade and construct pedestrian sidewalk crossings to ADA standards. The field data was collected via Mobile LiDaR Scanning utilizing a Trimble MX -50 and supplemented with conventional survey methods	
April 2023- Present City-Parish Project No. 21-DR-US-0038 – EBRP Flood Risk Reduction Project for Beaver and Blackwater Channel Improvements		Party Chief. This project included Topographic Survey, Right-of-Way Mapping, Boundary Survey, Title Review, and Subsurface Utility Engineering for approximately 25 miles of proposed channel improvements.	
June 2024 – Dec 2024 LA DOTD Project No. H.013716.5 – US 167: Mt. Vernon Street to Churchill Drive		Party Chief. This project included a Property Survey and Topographic Survey along US 167 in Lafayette, LA for sidewalk improvements. The project consisted of right-of-way determination of US 167 and 3 street intersections. The project was performed according to the Location and Survey Manual and Addendum A and delivered in the Autodesk format.	

March 2023- Present LA DOTD Project No. H.004100 - I-10: LA 415 to Essen, Baton Rouge, LA	Party Chief. This project included a property survey and extensive right-of-way mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility.
--	--

Firm	SJB Group, LLC		
Name	Duke Koontz	Years of experience with this firm/employer	4
Title	Party Chief	Years of experience with other firm(s)/employer(s)	34
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	
Contract role(s) / brief description of responsibilities		Party Chief	
 Mr. Koontz has over 35 years of experience as a Survey Party Chief. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping using both conventional and GPS instruments. He is knowledgeable with several Leica Geosystems such as the ScanStation C10 3D Laser Scanner, TS16 Robotic Total Station, GS18 GNSS RTK Rover, and the Viva GS16 GNSS rover.			
Aug 2020 – April 2024 LA DOTD 44-17597 - Rural Bridge Replacement Initiative, Districts 03,07, 61,62		Party Chief. Provided a topographic survey, property survey, right-of-way mapping, and roadway design for bridge replacements in Districts 03, 07, 61, and 62. The project deliverables included both electronic MicroStation files.	
April 2024 – May 2024 LA DOTD Project No. H.014752.5 LA 3092 Turn Lanes		QA/QC. This project is located in Orleans Parish, Louisiana, at and around the intersection of LA 39 (N. Claiborne Ave.) and LA 46 (Elysian Fields Ave.) SJB Group was tasked through Retainer Contract No. 4400017711 to provide surveying services. The project limits encompass an urban area with numerous houses and businesses inside the project limits, as well as an extensive underground drainage and sewer system.	
July 2022- Dec 2022 LA DOTD Project No. H.013715.5 – LA 77 Union Pacific Railroad Crossing (Iberville)		Party Chief. This project consisted of Property Surveying, Right-of-Way Mapping and Topographic Surveying for a project that included the depiction of a railroad right-of-way, state-maintained highway, and city streets. The deliverables included preparation of a Property Map, Base Right-of-Way Maps, Final Right-of-Way Maps and the creation of a parcel input file for acquisition descriptions of the subject area.	
April 2023 – Sept 2023 LA DOTD Project No. H.017322.5 – Morgan City Sidewalks & Shared Use Path, St. Mary Parish		Party Chief. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Survey, and Subsurface Utility Engineering to assist in the installation of sidewalks, handicapped ramps, drainage structures, and other related work in Morgan City. In the performance of this contract the existing right-of-way of twenty streets, one state highway right-of-way, and an irregular railroad right-of-way was determined at two crossing locations. All surveying was performed to LA DOTD Location & Survey Section requirements.	

Firm employed by Huval and Associates, Inc.				
Name	David S. Huval Sr., P.E., P.L.S.		Years of experience with this firm/employer	33
Title	President		Years of experience with other firm(s)/employer(s)	29
Degree(s) / Years / Specialization		Post Graduate Work /Structural, 08/66-05/69 Bachelor of Science, 05/61 Civil Engineering / Structural		
Active registration number / state / expiration date		9931 / LA / 03/31/2027 2015 /LA / 03/31/2027		
Year registered	1965	Discipline	Civil Engineering and Land Surveying	
Contract role(s) / brief description of responsibilities		Civil Engineer, Professional Land Surveyor – Principal / MPR #4		
David Huval, Sr., has designed, inspected, rated, and constructed bridges across Louisiana and the Southeastern United States for the past 57 years. His experience includes highway and railroad bridges, roadways, cofferdams, and caissons. He is also well-versed in Federal and State Government procedures and has extensive knowledge of the geographic area. Mr. Huval leads construction bid estimates for his sister company, C.E.C., Inc. He has designed and managed numerous large projects as a consultant, General Manager for a steel erection contractor, Bridge Design Engineer for the Louisiana Department of Transportation and Development (LADOTD), and Highway Engineer for the Federal Highway Administration (FHWA). Since 1989, Mr. Huval has served as President of Huval & Associates, Inc., where he has worked as a Project Engineer, Project Manager, Quality Assurance Officer, and continues to participate directly as a Design Engineer. He is also a licensed Professional Land Surveyor. Mr. Huval was the Lead Engineer for seven (7) separate Bridge Rehabilitation Retainer Contracts that HUVAL has held with the LADOTD over the past eighteen (18) years. Inspection, repair, rehabilitation, or replacement services were performed for several hundred fixed and movable bridge structures under these Retainer Contracts, including the I-10 Calcasieu River Bridge, the LA 70 Sunshine Bridge, the I-310 Mississippi River Bridge, the US 80 Louisville Street Bascule Bridge in Monroe, the Jackson Street Bridge over the Red River in Alexandria, the LA 511 Red River Bridge (Jimmie Davis Bridge), and dozens of bridge structures on the future I-49 North corridor.				
(1991-Present)	St. Martin Parish Bridge Inspection (1991 – Present) - From 1991 to present, Mr. Huval has been involved in the Inspection and Rating of Bridges for St. Martin Parish. This work also included the design of Bridge Repair Projects, in particular the retrofit of Timber Piling on Precast Bridges. Bridges included one Pontoon Bridge, one Swing Span Bridge and numerous Timber and Precast Concrete Bridges.			
(2018-2020)	GNOEC Safety Bay Improvement CMAR (Independent Cost Estimator) Assisted the Independent Cost Estimator (ICE) for the for the \$55 million Safety Bay Improvement CMAR Project, the first highway CMAR project in Louisiana. Under this contract, Mr. Huval assisted in the efforts of producing a detailed independent cost estimate for the contract items and review the CMAR Contractor’s schedule and cost model throughout each phase of design under the CMAR pre-construction phase. Additionally, constructability reviews and design comments were performed collaboratively with the CMAR design engineer, contractor, and Program Manager.			
(2011 – 2015)	Retainer Contract for Bridge Preventive Maintenance Program (BRPM) – Statewide, Contract No. 440001543 - Principal and Lead Bridge Design Engineer for Retainer Contract. Responsible for Task Order conceptual design, oversight, construction support services and QA/QC. Retainer Contract currently consists of 7 Task Orders.			
(2009 – 2015)	Retainer Contract for Bridge Preservation Services – Statewide, S.P. 700-99-0488- Principal and Lead Bridge Design Engineer for Retainer Contract. Responsible for Task Order conceptual design, oversight, construction support services and QA/QC. Retainer Contract currently consists of 19 Task Order with supplements.			

(2008 – 2012)	Retainer Contract for Urgent Bridge Repair and Rehabilitation Services – Statewide, S.P. 700-99-0449 - Principal and Lead Bridge Design Engineer for Retainer Contract. Responsible for Task Order conceptual design, oversight, construction support and QA/QC.
(2007 – 2011)	Retainer Contract for Bridge Preservation Services – Statewide, S.P. 700-99-0431 - Principal and Lead Bridge Design Engineer for Retainer Contract. Responsible for Task Order conceptual design, oversight, construction support.
(2000-2009)	District 02, 03 and 07 Inspection and Rehabilitation, S.P. 700-99-0232 - Principal, Project Manager and Lead Design Engineer for Retainer Contract. Responsible for coordination, project setup, conceptual design, design details and calculations, traffic control, oversight, construction support and QA/QC.
(1994-1998)	District 02 Major Bridge Inspection (Jefferson and Orleans Parish), S.P. 700-30-0205 (1994 – 1997) - Inspected the bridges along with other team members of Huval & Associates. Prepared final Inspection Report and wrote QA/QC Plan for the Project. Bridges include the US-11 Bridge on Lake Ponchartrain, I-10 Bridge on Lake Ponchartrain and LA-1 Bridge on Caminada Bay.
(2003 & 2015)	Mississippi River Bridge (Natchez) Provided the construction engineering for the repairs of the steel trusses on both the east and west bound trusses.
(1997 – 2005)	I-310 Mississippi River Bridge (Luling) - Design of Finger Joints replacing Modular Joints, Asphalt and Concrete Overlays and Design of Joint Replacements. Project also included Inspection of various items of the bridge.
(1979 – 1989)	<u>Lafayette Steel Erector, Inc.</u> During this period David S. Huval, Sr. provided construction engineering and project management on the erection of structural steel girder, truss spans, prestressed concrete girder spans, segmental post tension, concrete girder spans and moveable bridges, including swing spans, vertical lift bridges, and bascule spans.
(1965-1978)	<u>LADOTD – Bridge Design Engineer, 1965 - 1978</u> • Bridge Design, (1965 – 1978) - Participated in the development of numerous bridge standards on Prestressed Concrete Girders, Piles, Stay-in-Place Forms, Bridge Decks, Joints, Structural Steel Bridges, Movable Bridges, and Timber Bridges. Participated in the planning, design and construction of bridge structures throughout the State of Louisiana. • Bridge Maintenance, (1965 – 1970) - Coordinated with the Bridge Maintenance Engineer, C.J. Russell, on the development of Design and Details for bridge maintenance projects throughout the State of Louisiana.

Firm	Huval & Associates, Inc.		
Name	Colby J Guidry, P.E.	Years of experience with this firm/employer	18
Title	Vice President and Lead Engineer	Years of experience with other firm(s)/employer(s)	07
Degree(s) / Years / Specialization		08/95-05/00, Bachelor of Science, Civil Engineering	
Active registration number / state / expiration date		31338 / LA / 09-30-2026	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Principal /Lead Bridge Design, Inspection, Ratings / Certified Bridge Inspector	
Mr. Guidry joined Huval & Associates with seven years of experience at the Federal Highway Administration (FHWA). His experience at FHWA encompassed all aspects of transportation-related projects, where he was actively involved in the environmental review, design, construction, and maintenance of bridges and roadways throughout Louisiana. Since joining HUVAL, he has participated in bridge and structural design, plan preparation, bridge inspections, and construction management/support services. Mr. Guidry has completed a two-week FHWA-approved comprehensive bridge training course for bridge inspectors and is certified as a Bridge Inspection Team Leader. He has also completed the National Highway Institute (NHI) Load and Resistance Factor Rating (LRFR) for Superstructures Course, the Work Zone Traffic Control Technician and Supervisor Courses, American Traffic Safety Services Association (ATSSA) Flagger Training, the NHI Design and Operation of Work Zone Traffic Control Course, the Roadside Design Course, the NHI Highway Hydraulics Course, the NHI Urban Drainage Design Course, and many other construction and environmental-related courses. He is very familiar with the Louisiana Department of Transportation and Development (LADOTD) Bridge Design Manuals, the 2002 AASHTO Bridge Specifications, and the current AASHTO LRFD Bridge Specifications. Mr. Guidry manages the Bridge Construction Program for St. Martin Parish and performs this role for numerous other municipalities and private clients.			
09/22 – Present	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400023923 Project Manager of Retainer Contract. Responsible for project management, coordination, project setup, QA/QC, Load Ratings and bridge rehab design for the \$7M retainer.		
05/20 – 05/25	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400017262 Lead Bridge Designer of Retainer Contract. Responsible for project management, coordination, project setup, QA/QC, Load Ratings and bridge rehab design for the \$5M retainer.		
01/08- Present	Public and Private Bridge Load Ratings – Statewide Lead Rating Engineer for bridges all across the state on a continual basis. Numerous load ratings are performed weekly for a host of clients including parishes, cities, oil field companies, and other clients. The ratings include bridge types such as timber, steel, concrete, movable, fixed, pontoons, and trusses.		

11/20 – Present	Jimmie Davis Bridge (LA 511 – Design Build Project) – Shreveport, LA Design Quality Control Manager for all design aspects of the project. The bridge design and construction involve a new steel girder and concrete girder bridge across the Red River as well as the complete rehabilitation of the existing LA 511 truss bridge and conversion to a Linear Park.
12/19 – 01/23	New Swing Span- Herman Dupuis RD. Pontoon BR. Replacement, St. Martin, LA, Bridge Recall 200896 Assisted in bridge design, performed quality control reviews, and managed the project. Scope included the full structural design and plan development of a new swing span bridge over Alligator Bayou, replacing the Butte LaRose Pontoon Bridge. Responsibilities included assisting in preparing design calculations, developing plans, detailing structural elements, performing load ratings, and preparing cost estimates.
04/18 – 04/23	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400011225 Supervisor Engineer of Retainer Contract. Responsible for project management, coordination, project setup, QA/QC, Load Ratings and bridge rehab design for the \$4M retainer.
12/20 – 06/21	Ascension Parish 26 Bridge Ratings Inspected, gathered documentation, rated, and provided repair plans, as well as assisted in construction rehab reviews for 26 Ascension Parish bridges. Complex analysis rating analysis allowed the bridges to remain open while repairs were planned.
01/16 – 12/17	Inner Harbor Canal Seabrook Bridge Structural Repairs – New Orleans, LA- Lead Engineer for the design of temporary and permanent repairs for the steel truss bascule bridge built in the early 1900's. The repairs were complex structural repairs to the floor system, bottom chords, laterals, stringers, and floor beams in addition to various mechanical system repairs. Adding to the complexity of this design was the requirement to perform many repairs under train live loads. An elaborate temporary jacking strut system was also designed to remove the dead and live loads in the various members during replacement.
09/12 – 12/17	Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, Contract No. 4400002537 Supervising Engineer of Retainer Contract. Responsible for coordination, inspections, project setup, QA/QC, Load Ratings, and bridge rehab design for the \$6M retainer contract.
05/11 – 08/15	Retainer for Engineering Services for Bridge Preventive Maintenance (BRPM) - Statewide, Contract No. 440001543 Lead Engineer of Retainer Contract. Led the Inspection and Design for 8 different Task Orders covering Preventive Maintenance Repairs for over 100 Bridges statewide in short timeframes.

Firm	Huval & Associates, Inc.		
Name	Matthew L. Hebert, P.E.	Years of experience with this firm/employer	12
Title	Civil Engineer	Years of experience with other firm(s)/employer(s)	05
Degree(s) / Years / Specialization		08/02-05/08 Bachelor of Science Civil Engineering	
Active registration number / state / expiration date		37713 / LA / 9-30-27	
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Bridge Design and Bridge Ratings	
Mr. Hebert joined Huval & Associates, Inc. in 2013 with 5 years' experience in design and load rating of bridges. Previously employed with LADOTD, he was involved with the design, live load rating, plan development, and construction support of more than 20 bridge replacement projects. These consisted of various superstructure and substructure types including but not limited to: AASHTO precast prestressed concrete (P.P.C.) girders, quad beams, cast-in-place slab spans, precast slab spans, concrete box culverts, P.P.C. pile bents, steel H-pile bents, and pipe pile bents. Additionally, Mr. Hebert was project manager for multiple bridge replacement projects. His responsibilities included coordinating all aspects of the plan development process including but not limited to road, bridge, hydraulic, and geotechnical engineering and determining the project scope, schedule, and budget. Mr. Hebert's training includes the NHI LRFR for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for HWY Bridge Superstructure Course NHI AASHTO LRFD for Highway Bridge Substructure Course, the NHI AASHTO Roadside Design Course, and the NHI Design and Construction of Driven Pile Foundations Course.			
01/22 – Present	I-10 Calcasieu River Bridge Public-Private Partnership, Calcasieu Parish S.P. H.003931 Lead Engineer for LRFD design, plan preparation, and LRFR live load rating for six bridges on the project. These include Bilbo St., Ryan St., Lakeshore Drive Overpasses (EB & WB), PPG Drive Overpasses (EB & WB), US 90 Overpasses, and I-10 EB Exit Ramp Flyover.		
10/20 – Present	I-10 CMAR: LA 415 to Essen Lane on I-10 and I-12, East & West Baton Rouge Parishes S.P. H.004100 As a Bridge Engineer on this project, assisted with the LRFD design, plan preparation, and LRFR live load rating on multiple bridge sections throughout the corridor.		
06/19- Present	I-220/I-20 Interchange IMP & BAFA Access Design-Build Project, S.P. H.003370 Mr. Hebert is serving as Bridge Design Quality Assurance on this design build project which will provide direct access to Barksdale Air Force Base. Most recently, Mr. Hebert has assisted with the QA of the I-220 Overpass bridges and KCS Overpass bridges on the project.		
03/18 - Present	Belle Chasse Public-Private Partnership Project, Plaquemines Parish, Louisiana, Project No. H.004791 Mr. Hebert was the Bridge Design Lead for the LRFD design, plan preparation, and LRFR live load rating for this new high-level fixed bridge over the Intracoastal Waterway. The new bridge will replace the existing moveable bridge and tunnel system. This is the first highway public-private partnership project in Louisiana. The bridge will be constructed in 2 stages to assist in MOT.		

01/23 – 03/23	I-10 Over I-49 Emergency Repairs, S.P. H.015412 – On January 3rd, an over height vehicle struck the I-10 eastbound span over the I-49 northbound roadway. Mr. Hebert worked with LADOTD to develop a multi-staged approach to re-open I-10 eastbound as fast as possible. A new 3 girder section of the bridge had to be designed and constructed off site. It would later be hauled in with SPMT (Self propelled modular transporters) after the damaged section was removed using a similar approach.
02/17 – 11/20	I-10 Design Build-LA 42 to LA 73, S.P. No. H.009250 Lead Engineer for the LRFD design, plan preparation, and LRFR live load rating for the Highland Rd. overpass. Highland Rd. consisted of a full replacement of 2 existing structures utilizing a 3-span structure which included 2-60ft. prestressed girder spans and 1-190ft. steel plate girder span. The superstructure is support by column bents and pile bents and will be one structure at the end of the project. In order to maintain traffic, the bridge had to be constructed in 3 separate stages.
03/14 – 07/18	I-49 South-US 90 Albertson Pkwy to Ambassador Design Build, H.010620 Lead Engineer for LRFD Bridge design and plan preparation of the mainline bridge and the two frontage road bridges over BNSF Railway. The bridges consisted of BT-72 girder spans with column bents and pile footings.
09/18 – 06/19	Loyola Design Build I-10 Airport Interchange, Jefferson Parish, Louisiana, S.P. No. H.011670 Mr. Hebert was a primary bridge engineer throughout the RFP design phase for this complex urban interchange. A new interchange was designed and superimposed onto the existing Diamond interchange to provide direct connector access to the new New Orleans International Airport terminal. Assisted in the preparation of steel tub girder design and details, concrete box girder design and details, as well as plans and proposal documents for the RFP phase of the project. Assisted in development of alternative technical concepts, suggested sequence of construction, and miscellaneous bridge design items and other details. Assisted in the coordination and organization of all project data with the various members of the design team from numerous consulting firms.
09/18 – 08/19	LA 106: Bayou Boeuf Bridge, H.009497 Lead Engineer for the LRFD design, plan preparation, and LRFR live load rating of a new bridge structure to replacement an existing bridge. The new bridge structure consisted of LG girders and pile bents.
10/16 – 12/17	LA 443: Tangipahoa River Bridge Replacement, S.P. H.012728 Assisted in the LRFD design, LRFR load rating, and plan preparation of a LG-25 and LG-36 p.p.c. girder bridge. This was an emergency replacement and 100% final bridge and roadway plans were completed in 8 weeks. In addition to the emergency timeline, the project had to be designed and constructed within the existing right-of-way and could not interfere with another bridge structure located approximately 250ft east of the existing bridge to be replaced. LADOTD also required that the low chord elevation of the new bridge be set to maximize the design storm flood year while also meeting all other project constraints. The design of the bridge also had to meet the LADOTD minimum design guidelines for design speed and ADT.

Firm	Huval & Associates, Inc.		
Name	Justin Peltier, P.E.	Years of experience with this firm/employer	12
Title	Civil Engineer	Years of experience with other firm(s)/employer(s)	08
Degree(s) / Years / Specialization		08/01-05/05 / Bachelor of Science Civil Engineering	
Active registration number / state / expiration date		34765 / LA / 09-30-2027	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Bridge Design, Bridge Ratings, Project Management	
Mr. Peltier joined Huval & Associates in 2013 with 8 years of experience in civil and bridge/structural engineering. Previously employed with LADOTD Bridge Design Section, he was involved with the design, live load rating, plan development, and construction support of more than 20 bridge replacement projects. These include but are not limited to: AASHTO p.p.c. girders, quadbeams, cast-in-place and precast slab spans, steel girders, moveable swing spans, concrete box culverts, pile bents and column bents supported by drilled shafts and/or pile footings. He also served as the Engineer of Record (EOR) for the LADOTD concrete barrier rail and the detour bridge special details.			
09/20 – Present	I-10: LA 415 To Essen Lane on I-10 and I-12 CMAR, S.P. H.004100 Lead bridge engineer and Structures Team lead/manager for this \$1 billion project to widen I-10 in the heavily congested section through Baton Rouge. This very complex project will replace existing bridges in the urban area within an extremely constrained right of way while maintaining the existing traffic flow on I-10 through the construction zone. Roles include bridge design, plan development, load rating, structure rehabilitation, alternative bridge concepts development, construction sequencing, contractor style cost estimates, managing the bridge and structural design and plan production process, leading bi-weekly structures task force meetings, and implementing the bridge design QC/QA process.		
04/18 – Present	I-49 South at Verot School Road, S.P. H.011235 Bridge design manager and lead bridge design and load rating engineer to provide preliminary and final engineering and related services to construct 2.4 miles of mainline freeway and an interchange at the intersection of I-49 South/US 90 and Verot School Road. The project consists of an above grade bridge structure on Verot School Road that traverses over the I-49 South/US 90 mainline roadway over and parallel to the BNSF RR. The project also includes one-way frontage roads on both sides of the main line roadway, a two-way collector service road east of the main line roadway, and a new alignment of Verot School Road from the interchange to an existing bridge structure approximately 600' west of its intersection with LA 182 (Pinhook Road).		
09/17 – Present	Kansas Lane-Garrett Road Connector and I-20 Improvements, S.P. No. H.007300 Bridge design manager and lead bridge design and load rating engineer for a new Garrett Road bridge over I-20 and a new Garrett Road to Kansas Lane connector structures which spans over the KCS RR right-of-way. The Garrett Road structure consists of an LG-36 p.p.c. girder superstructure supported by column bents and pile footings. The Garrett Road to Kansas Lane connector structure		

	consists of LG-36 p.p.c. girder approach spans with a 3-span continuous plate girder superstructure over the KCS railroad right-of-way and is supported by column bents and pile footings.
09/19 – Present	Airport Connector Road and Bridge, S.P. No. H.011915 Served as the lead bridge design and load rating EOR for a new lift span movable bridge over Bayou Lafourche in Galliano, LA. The bridge required a minimum horizontal and vertical clearance of 70ft and 73ft and a clear roadway width of 42ft with 5ft sidewalks on each side. The design included steel lifting girders, floor beams and stringers, concrete piers and machinery decks. The design was performed in accordance with the AASHTO LRFD Movable Bridge Design Specifications the LADOTD BDEM.
03/19 – 04/23	I-220/I-20 Interchange IMP & Barksdale Access Design-Build Project, S.P. No. H.003370 Bridge design manager and lead bridge design and load rating engineer for the I-220 bridges over I-20 and Barksdale Access Road bridges over the KCS Railroad and also responsible for implementing the QC/QA plan for the bridge design and plan development process. The I-220 structures over I-20 consist of twin bridges utilizing LG-54 p.p.c. girder spans supported by concrete column bents and drilled shafts. The Barksdale Access Road structures consist of twin bridges utilizing LG-54 p.p.c. girder approach spans supported by concrete pile bents and a main span over the KCS Railroad consisting of 170'-0", LG-78 p.p.c. girders supported by concrete column bents and drilled shafts.
07/17 – 08/20	I-10: Highland Road to LA 73, Design Build Project, S.P. No. H.009250 Served as the lead bridge and load rating engineer for the widening of the I-10 E.B. and W.B. slab span bridges over Manchac Bayou and provided Q.C. for the replacement of the I-10 E.B. and W.B. bridges over Highland Road with a new steel plate girder bridge with p.p.c girder approach spans. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes.
06/14-04/19	US 90 (I-49South), Albertson's Parkway to Ambassador Caffery, Design-Build Project, S.P. No. H.010620 Bridge design manager and lead bridge design for the new US 90 bridge over Albertson Parkway and provided Q.C. for the US 90 BNSF RR overpass bridge within the same footprint as the existing bridge while maintaining 4-lanes of US 90 traffic during construction. This presented unique design challenges and required a complex, three-phase, traffic control and construction sequencing plan to move traffic safely through the tight work zone. The bridges consisted of multi-continuous p.p.c. girders spans supported by concrete column bents and pile footings.
06-10 – 12/15	Bayou Teche Bridge at Oaklawn, S.P. No. H.002798 While employed at LADOTD, assisted in the design of the concrete pivot and rest piers for an unequal arm swing span bridge and approach concrete slab spans. At Huval, served as the EOR for the live load rating and independent technical review for the entire structure. Tasks included performing a live load rating and preparing the rating report and applicable influence lines and independent design check of all structural elements in accordance with the LADOTD BDEM and AASHTO LRFD Movable Bridge Design Specifications.

Firm	Huval & Associates, Inc.		
Name	Reid Romero, P.E.	Years of experience with this firm/employer	16
Title	Civil Engineer	Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization		08/04-12/08 Bachelor of Science, Civil Engineering	
Active registration number / state / expiration date		37772 / LA / 9-30-2027	
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Bridge Design, Ratings & Project Management	
Mr. Romero came to HUVAL after graduating from the University of Louisiana at Lafayette in 2008. Since joining Huval & Associates, Inc., Mr. Romero has been involved in bridge and structural design, plan preparation, bridge inspections and construction support services. Mr. Romero completed several NHI training courses including Fundamentals of LRFR and Applications of LRFR for bridge superstructures course, and a Drilled Shaft LRFD design methods and construction procedures course. Mr. Romero is familiar with the LADOTD Bridge Design and Evaluation Manual, LADOTD LRFD Bridge Design Manual, 2002 AASHTO Bridge Specifications, as well as the current AASHTO LRFD Bridge Specifications..			
05/20 – 05/25	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400017262 Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and lead bridge design for the \$5M retainer.		
09/22 – Present	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400023923 Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and lead bridge design for the \$7M retainer.		
03/23 – Present	Jimmie Davis Bridge (LA 511), S.P. No. H.001779 -Bridge Task Lead for the Design Build project to construct the new four lane bridge across the Red River in Bossier / Caddo Parish. The project includes the reconstruction of nearly two miles of LA 511 into a modern, four lane median divided highway. The initiative also includes the transformation of the existing Jimmie Davis Bridge into a Linear Park. The repurposed structure will be a vibrant public space, featuring new multi-use paths for pedestrians and cyclists. Lead Structural Engineer for the Bridge Rehabilitation plans required to convert the existing traffic bridge to a pedestrian bridge/Linear Park. Rehabilitation plans include concrete deck replacement, concrete substructure repairs, steel superstructure repairs, bearing rehabilitation, cleaning and painting of all structural metalwork, and ADA compliant steel bridge railing and joint rehabilitation.		
01/22 – Present	I-10 Calcasieu River Bridge Public-Private Partnership, Calcasieu Parish S.P. H.003931 Bridge Design Engineer for the PPG Drive overpass. As part of an approved ATC, the existing I-10 eastbound and westbound bridges over PPG Drive will be widened and rehabilitated instead of replaced, as the line and grade concept originally identified. The existing bridges consist of AASHTO prestressed concrete girder superstructures supported by column-bent foundations. The two spans over the railroad contain steel beams that are non-composite. The westbound structure will be widened to the outside and the eastbound structure will be widened to the inside. An off-ramp will also be constructed on the outside of the eastbound		

	structure. The newly widened/constructed sections of the bridge will match the superstructure and substructure of the existing bridges.
11/18 – Present	Old Mississippi River Railroad Bridge and Tunnel (Old U.S. 80) Performed Complex Bridge Design for the Old U.S. 80 Bridge Over the Mississippi River including bridge safety and repair inspections, structure maintenance and repair plans for the existing combination highway and railway through truss and the approach deck girder bridge. Performed calculations for Heavy Haul/Overweight Load special crossings.
04/18 – 05/23	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400011225 - Lead Engineer of Retainer Contract. Responsible for coordination, project setup, QA/QC, and bridge rehab design for the \$4M retainer.
12/19 – 01/23	New Swing Span- Herman Dupuis RD. Pontoon BR. Replacement, St. Martin, LA, Bridge Recall 200896- Lead structural engineer for the bridge design and plan development of a new swing span bridge over alligator bayou which replaced the Butte LaRose Pontoon bridge. Designed, detailed, and sealed final plans, specifications, calculations, load rating and cost estimates for all structural elements.
03/19 – 06-22	I-220/I-20 Interchange Imp & BAFB Access Design Build Project S.P. No. H.003370 – Responsible for QA of the bridge plans and load rating for the LA 1267 bridges over I-20 and the LA 1267 bridges over the KCS Railroad. The LA 1267 structures over I-20 consist of twin bridges utilizing LG-54 p.p.c. girder spans supported by concrete column bents and drilled shafts. The LA 1267 structures over KCS Railroad consist of twin bridges utilizing LG-54 p.p.c. girder approach spans supported by concrete pile bents and a main span over the KCS Railroad consisting of 170'-0", LG-78 p.p.c. girders supported by concrete column bents and drilled shafts. Some unique challenges that the project has presented is designing applicable LA 1267 bridges over I-20 column bents for vehicular collision and completely spanning the KCS own right-of-way utilizing concrete p.p.c. girders.
07/17-08/20	I-10: Highland Road to LA 73, Design Build Project, East Baton Rouge & Ascension Parish, S.P. No. H.009250 - Led the design, plan preparation, and load rating for the repair of the prestressed girder bridge on LA 928. Performed QA/QC of the LRFD design calculations and load rating for the steel girder bridge at Highland road and the slab span widening at Bayou Manchac. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes. An innovative sequence of construction scheme and bridge design enabled construction of this bridge while maintaining 74,000 ADT traffic. Huval's cost-effective designs enabled its design-build team to be the only competitor to fit within the Owner's budget of \$72 million

17. Firm Experience:

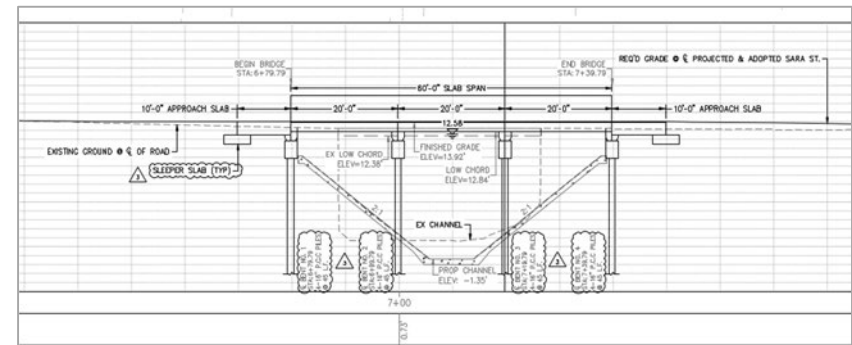
Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects*** should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If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

Firm name	Bluewing Civil Consulting, LLC	Discipline(s)* BDO	Bridge, Road
Project name	Sara Street Bridge Replacement	Firm responsibility (prime or sub?)	Prime
Project number	219001	Owner's name	Calcasieu Parish Police Jury
Project location	Sulphur, LA	Owner's Project Manager	Clifton Vanicor
Owner's address, phone, email	1015 Python St. Lake Charles, LA 70601 / 337-721-3500 / Clifton Vanicor cvanicor@calcasieuparish.gov		
Services commenced by this firm (mm/yy)	08/2019	Total consultant contract cost (\$1,000's)	\$108
Services completed by this firm (mm/yy)	05/2025	Cost of consultant services provided by this firm (\$1,000's)	\$108

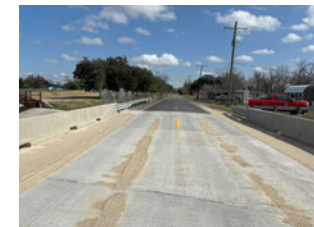
Project Description: Off-system bridge replacement project in Sulphur, LA for the Calcasieu Parish Police Jury. Project scope includes bridge design, road geometrics & drainage, channel revetment & erosion protection; utility coordination and relocations; management of design sub-consultants including survey, geotechnical engineering, and environmental; responsible charge of construction plan production including temporary traffic control. Perform H&H analysis, dataset manipulation, model creation and construction plan production.

Key Project Members:

Alex Guillory, CFM, PE, Principal
 Mark Dubroc, PE, Senior Engineer
 Aaron Enlund, EI
 Brady Bogues, EI
 Ryan Breaux, CAD II Specialist
 Jenee Dansdill, Permitting Specialist
 Kim Mitchell, Chief of Operations



Sara St. Bridge Road Plan & Profile Image



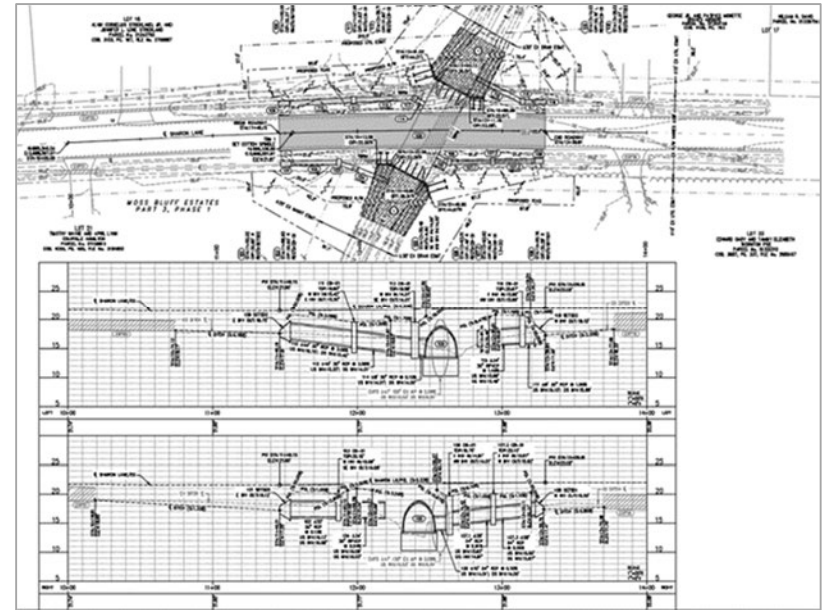
Sara St. Bridge Current Images

Firm name	Bluewing Civil Consulting, LLC	Discipline(s)* BDO	Bridge, Road
Project name	Belfield Ditch Multi-road Crossing Replacement	Firm responsibility (prime or sub?)	Prime
Project number	222032	Owner's name	Calcasieu Parish Police Jury
Project location	Moss Bluff, LA	Owner's Project Manager	Clifton Vanicor
Owner's address, phone, email	1015 Python St. Lake Charles, LA 70601 / 337-721-3500 / Clifton Vanicor cvanicor@calcasieuparish.gov		
Services commenced by this firm (mm/yy)	12/2022	Total consultant contract cost (\$1,000's)	\$211
Services completed by this firm (mm/yy)	Current	Cost of consultant services provided by this firm (\$1,000's)	\$211

Project Description: The Belfield Ditch in Moss Bluff, LA crosses many roadways as it drains to Little Indian Bayou. Sharon Lane, Debra Lane, and Gateway Drive are three crossings that the Calcasieu Parish Police Jury identified to be critical drainage structures that needed replacement. Belfield Ditch Multi-road Crossing Replacement project consists of the replacement of these cross drain pipes and adjusting the flowlines in preparation for future channel improvements. The engineered crossings consist of aluminum box culverts along with roadway repairs and subsurface drainage networks.

Key Project Members:

Alex Guillory, CFM, PE, Principal
Mark Dubroc, PE, Senior Engineer
Aaron Enlund, EI
Brady Bogues, EI
Ryan Breaux, CAD II Specialist
Jenee Dansdill, Permitting Specialist
Kim Mitchell, Chief of Operations



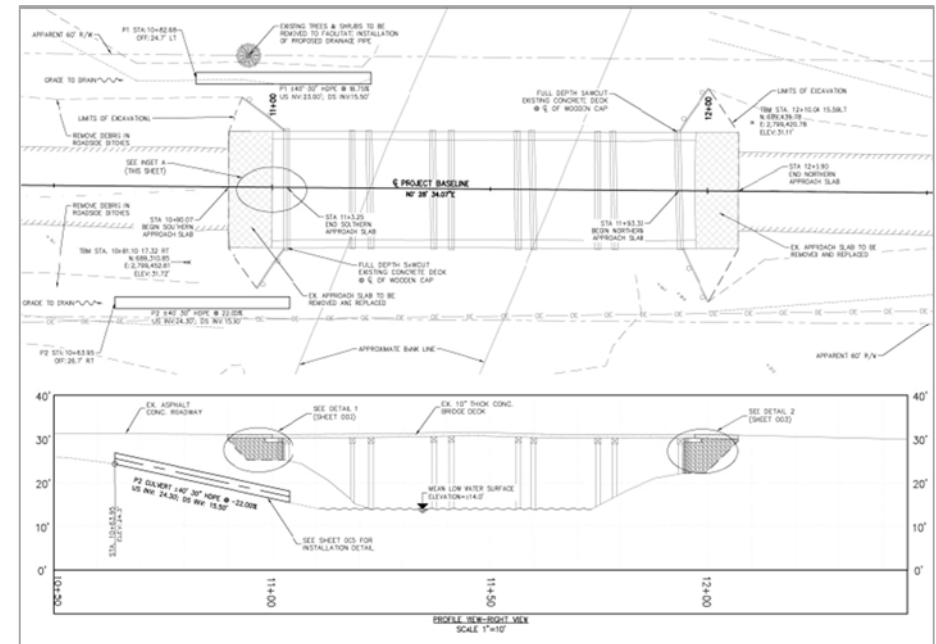
Belfield Ditch Drainage Profile Image

Firm name	Bluewing Civil Consulting, LLC	Discipline(s)* BDO	Bridge
Project name	Manual Road Bridge Replacement	Firm responsibility (prime or sub?)	Prime
Project number	220008	Owner's name	Jeff Davis Parish Police Jury
Project location	Jefferson Davis Parish, LA	Owner's Project Manager	Randy Ringuet
Owner's address, phone, email	321 E. Plaquemine St. Jennings, LA / 337-824-4792 / Randy Ringuet randy@jdppj.net		
Services commenced by this firm (mm/yy)	08/2021	Total consultant contract cost (\$1,000's)	T&M
Services completed by this firm (mm/yy)	05/2022	Cost of consultant services provided by this firm (\$1,000's)	T&M

Project Description: BWC developed plans for a custom and unconventional repair to Manual Rd bridge in Jeff Davis Parish. A previous bridge replacement project left pre-cast concrete slabs improperly supported by the bridge end bents. This improper cantilevered support condition caused cracking to the deck. The repair included saw cutting the existing pre-cast concrete deck at both end abutments, replacing the approach slab foundation, and rebuilding the approach slab.

Key Project Members:

Alex Guillory, CFM, PE, Principal
 Aaron Enlund, EI
 Ryan Breau, CAD II Specialist
 Jenee Dansdill, Permitting Specialist
 Kim Mitchell, Chief of Operations

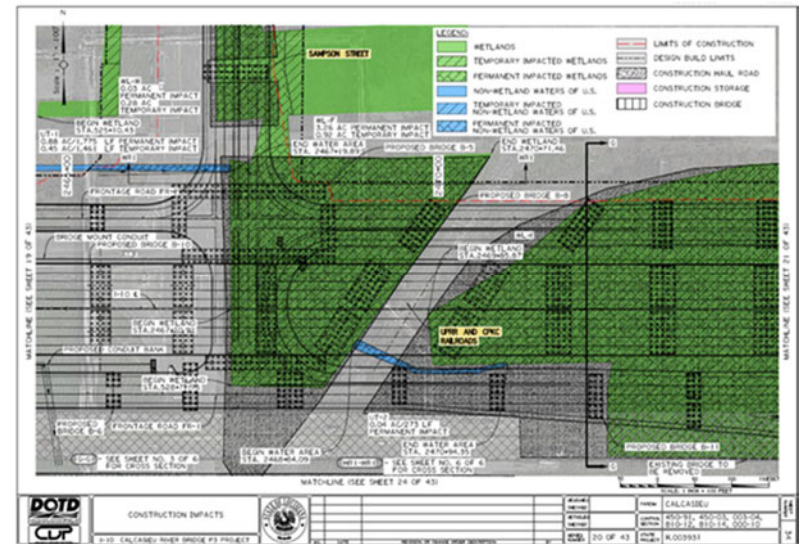


Firm name	Bluewing Civil Consulting, LLC	Discipline(s)* BDO	Bridge
Project name	JDPPJ Bridge Repairs – Babineaux Rd Bridge	Firm responsibility (prime or sub?)	Prime
Project number	225003	Owner's name	Jefferson Davis Parish Police Jury
Project location	Jennings, LA	Owner's Project Manager	Randy Ringuet
Owner's address, phone, email	321 E. Plaquemine St. Jennings, LA / 337-824-4792 / Randy Ringuet randy@jdppj.net		
Services commenced by this firm (mm/yy)	09/2022	Total consultant contract cost (\$1,000's)	T&M
Services completed by this firm (mm/yy)	07/2024	Cost of consultant services provided by this firm (\$1,000's)	T&M
Project Description: BWC Design bridge repairs to rehabilitate deteriorating structural elements of the Babineaux Rd bridge. Rehabilitative repairs included spall repairs to the concrete caps, pile splicing using an epoxy-coated Kevlar wrap and carbon rods, removal/disposal of drift debris, and wingwall replacement/backfill. Final Construction Cost = \$69,855.02 Key Project Members: Alex Guillory, CFM, PE, Principal Mark Dubroc, PE, Senior Engineer Aaron Enlund, EI Brady Bogues, EI Ryan Breaux, CAD II Specialist Kim Mitchell, Chief of Operations		 Babineaux Rd Bridge Cap Repair (before/after)	

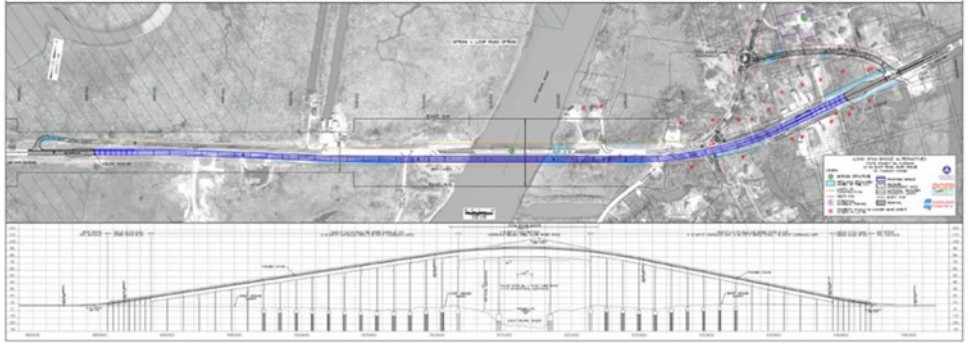
Firm name	Neel-Schaffer, Inc.	Discipline(s)* BDO	Environmental
Project name	I-10 Calcasieu River Bridge	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Louisiana Bridge Builders
Project location	Lake Charles, LA	Owner's Project Manager	Raquel Garcia
Owner's address, phone, email	2829 4th Ave, Ste 200, Lake Charles, LA 70601; 337-241-3854; Raquel.garcia@lbbi10.com		
Services commenced by this firm (mm/yy)	04/2025	Total consultant contract cost (\$1,000's)	\$353
Services completed by this firm (mm/yy)	12/2025	Cost of consultant services provided by this firm (\$1,000's)	Unknown

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

- Provide personnel to manage and guide the environmental permitting and compliance commitments necessary to perform the project in accordance with NEPA standards
- Identifying all agreements and federal, state, and local permits that likely will be required
- Serve as liaison between the design team, environmental permitting team, and all permitting teams
- Provide direction, decision assistance, and review all permits required for the project
- Develop the Project Environmental Compliance and Mitigation Plan, Comprehensive Environmental Protection Program
- Key personnel staff assisted in the coordination and successful delivery of federal, state and local permits ahead of schedule



Firm members: Kara Moree, Maria Reid

Firm name	Neel-Schaffer, Inc.	Discipline(s)* BDO	Environmental
Project name	US 90 Pearl River Bridges (HBI)	Firm responsibility (prime or sub?)	Prime
Project number	H.4400018271	Owner's name	LADOTD
Project location	St. Tammany Parish, LA, and Hancock County, MS	Owner's Project Manager	Catherine Mastin
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804; 225-379-1652; Catherine.Mastin@la.gov		
Services commenced by this firm (mm/yy)	08/2016	Total consultant contract cost (\$1,000's)	\$884
Services completed by this firm (mm/yy)	01/2017	Cost of consultant services provided by this firm (\$1,000's)	\$658
Project Description: Neel-Schaffer, Inc. (NS) provided engineering design services (bridge and roadway) and environmental services for this project which considered the rehabilitation or replacement of five US 90 bridge crossings of the Pearl River System and 5 miles of roadway design. Both fixed and movable span crossings were considered, and all bridges were developed using AASHTO LRFD design requirements. Roadway and roundabouts were designed in conformance with DOTD requirements. Environmental services included: Documentation of the Purpose and Need for the project; Preparation of Navigation Studies establishing US Coast Guard clearances for all five structures; Consultations with state and federal resource agencies regarding multiple T&E Species potentially impacted, and designated critical habitat for Gulf Sturgeon; Wetlands Finding associated with alternatives; Cultural Resource Study and Section 106 consultations regarding three of the five spans designated as historic structures; Noise Studies; Phase 1 ASTM Study; Conceptual Stage Relocation Plan; Alternatives Analysis; Draft and Final Environmental Assessment.. Firm members: Dishili Young, Mai Nguyen			

Firm name	SJB Group, LLC		Discipline(s)*		Survey, Right-of-Way	
Project name	Rural Bridge Replacement Initiative Phase 1				Firm responsibility (prime or sub?)	Sub
Project number	See below	Owner's name	Louisiana Department of Transportation and Development			
Project location	Multiple Locations in Louisiana (Districts 03,07,61,62)		Owner's Project Manager	Brian Allen		
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1105, mark.hughes@la.gov				
Services commenced by this firm (mm/yy)		08/2020	Total consultant contract cost (\$1,000's)			\$1,254
Services completed by this firm (mm/yy)		04/2024	Cost of consultant services provided by this firm (\$1,000's)			\$1,254

State Project Numbers: H.013952, H.013955, H.013956, H.013957, H.013958, H.013959, H.013963, H.013966, H.013968, H.013970, H.013976, H.013982, H.013984, H.013989, H.013996, H.013997

Firm's Role and Responsibilities: Topographic Surveying, Property Surveying, Right-of-Way Mapping

Project Description: SJB Group performed topographic surveying, property surveying, right-of-way mapping, and roadway design of 33 bridge replacements for Districts 03, 07, 61, and 62 as a sub-consultant to Burk-Kleinpeter within their contract with the LA Department of Transportation (LA DOTD). The topographic survey was completed in accordance with all principles and objectives set forth in the latest version of the LA DOTD Location and Survey Manual. A complete topographic survey of the project corridor for each site included a complete inventory for each drainage structure (type, size, length, and invert), and includes cross sections of all drainage ways. Property surveys were carried out for all potentially affected properties within the project corridor. Right-of-way mapping was also performed for each roadway along the project corridor. Roadway design included vertical and horizontal alignment of the bridge transitions, guard rails, and embankment design, typical roadway sections, and roadside drainage. The deliverables included preparation of property maps, base right-of-way maps, final right-of-way maps, Bently design files, drawing files, right-of-way map sets, and the preparation of a parcel input file of the acquisition parcels. The survey was conducted according to the LA DOTD location and survey manual "Addendum A" requirements. The deliverables were provided in accordance with the LA DOTD guidelines for electronic deliverables.

Highlighted Team Members: Tim Brewer, PLS, Matt Estopinal, PLS, Phillip Dowden, John Burleigh, Duke Koontz, C. Paul Young, Tyler Foster



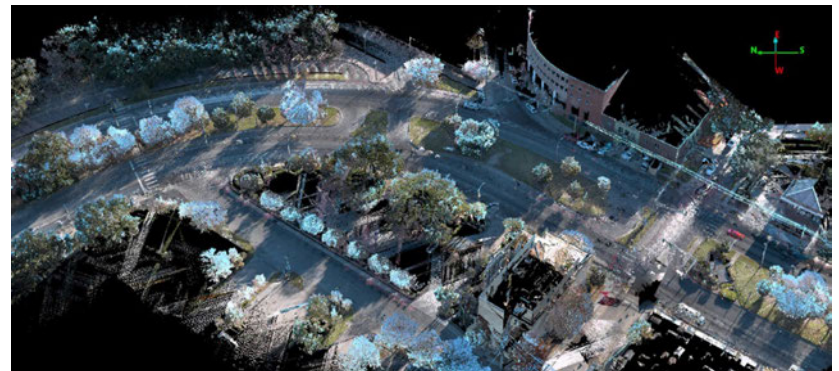
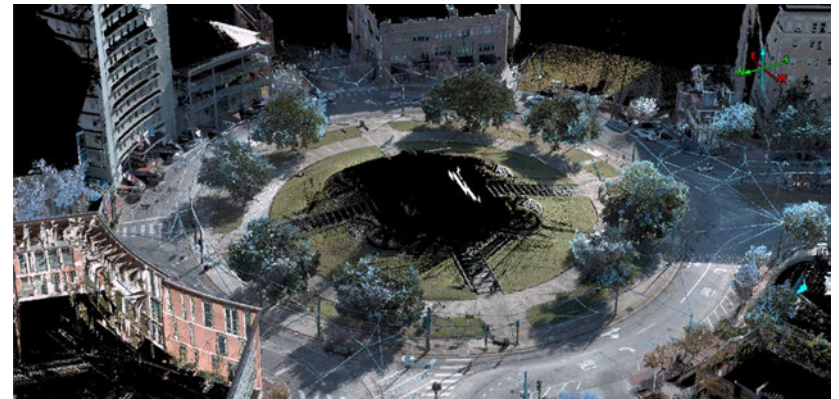
Firm name	SJB Group, LLC	Discipline(s)* BDO	Survey
Project name	LA 1 to LA 415 Connector to Interstate 10		Firm responsibility (prime or sub?) Prime
Project number	H.005121	Owner's name	LA Department of Transportation and Development
Project location	Port Allen, West Baton Rouge Parish, LA	Owner's Project Manager	Jonathan Herrod
Owner's address, phone, email	1202 Capital Access Road, Baton Rouge, LA 225-379-1105 Jonathan.Herrod@la.gov		
Services commenced by this firm (mm/yy)	04/2025	Total consultant contract cost (\$1,000's)	\$353
Services completed by this firm (mm/yy)	12/2025	Cost of consultant services provided by this firm (\$1,000's)	Unknown
Firm's Role and Responsibilities: Topographic Survey, Subsurface Utility Engineering (SUE) Project Description: The project provides field data for the final design of a roadway to connect LA 1 to LA 415. The project is a supplement to previously performed surveying for the realignment of the due to recent development and construction. The project limits included a 2.9-mile corridor beginning approximately 0.2 miles north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction along the extension of LA 415 across the intercoastal canal, industrial areas, and agriculture field to the intersection of LA. The project limits also include an approximate 1.8-mile corridor along LA 1 that extends from the roadway into residential, commercial, and retail areas. The project includes the collection of current conditions of the areas included in the project limits and merging the current data with the previous survey and updating any observed condition changes. The project included the recovery and supplement of the existing control network. The collection of field data is completed through the utilization of conventional survey methods with survey total stations and global positioning systems (GPS). Mobile LiDAR survey methods utilized for the collection of data along the high traffic segments of LA 1, Interstate 10 ramps, and LA 415. The data was processed through Trimble Business Center, with data extraction performed through TopoDot. The survey is being		conducted according to the Louisiana Department of Transportation and Development Location and Survey Manual. The deliverables were provided in accordance with the LA DOTD guidelines for electronic deliverables. Highlighted Team Members: C. Tim Brewer, PLS Tyler Foster Phillip Dowden Erick Kidder	
			

Firm name	SJB Group, LLC	Discipline(s)* BDO	Survey, Right-of-Way
Project name	New Orleans Pedestrian Improvements	Firm responsibility (prime or sub?)	Sub
Project number	H.15487.5	Owner's name	LA Department of Transportation and Development
Project location	Lake Charles, LA	Owner's Project Manager	Mark Morvant
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 225-379-1205 mark.morvant@la.gov		
Services commenced by this firm (mm/yy)	11/2023	Total consultant contract cost (\$1,000's)	\$355
Services completed by this firm (mm/yy)	04/2025	Cost of consultant services provided by this firm (\$1,000's)	\$355

Firm's Role and Responsibilities: Topographic Survey

Project Description: This project included a Topographic Survey of fifty-five intersections in the downtown area of New Orleans, Louisiana. The purpose of the project was to upgrade and construct pedestrian sidewalk crossings to ADA standards. The field data was collected via Mobile LiDAR Scanning utilizing a Trimble MX -50 and supplemented with conventional survey methods. The project included utility mapping of each intersection by records research. Additionally, the project included the determination of the existing right-of-way for the specific streets and LA DOTD roadways. The control for the project was established in accordance with the Louisiana Department of Transportation and Development Location and Survey Manual. The point cloud data was processed through Trimble Business Center and extracted with TopoDot. The deliverables included topographic base maps, plan-profile sheets, coordinate files, and a control sketch.

Highlighted Team Members: C. Tim Brewer, PLS | Tyler Foster | Daniel Biggs | C. Paul Young | Phillip Dowden



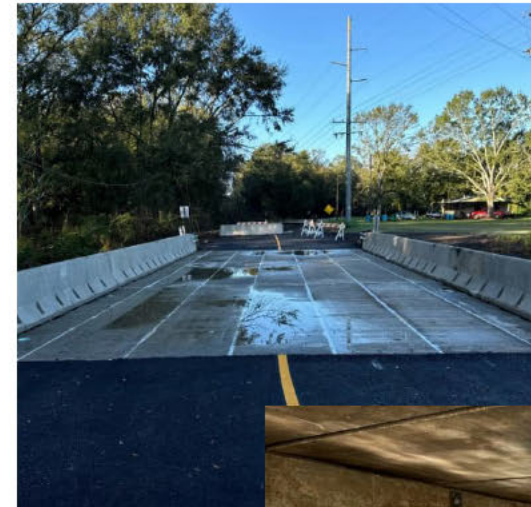
Firm name	Huval & Associates, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Boon Lasseigne Road Bridge Replacement	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	St. Martin Parish Government
Project location	St. Martinville,	Owner's Project Manager	Wes Dupuis
Owner's address, phone, email	P.O. Box 9, St. Martinville, LA 70582, (337) 394-2200, wdupuis@stmartinparish.net		
Services commenced by this firm (mm/yy)	10/24	Total consultant contract cost (\$1,000's)	\$120
Services completed by this firm (mm/yy)	11/24	Cost of consultant services provided by this firm (\$1,000's)	\$15

Huval served as the engineer and inspector for the Boon Lasseigne Road Bridge repair project, providing expertise to address significant structural deficiencies identified during the LADOTD's bi-annual inspection in October 2024. The bridge was closed due to severely deteriorated piles and substantial spalling on the concrete deck panels caused by age and repeated heavy loads. The inspection revealed that ten interior bent piles were in severe disrepair and needed replacement, while most of the concrete deck panels exhibited significant spalling with exposed reinforcing, raising concerns about their load-carrying capacity if re-handled. Additionally, approximately 40 feet of asphalt on the gravel road side had failed and required replacement. Huval recommended immediate repairs to reopen the bridge safely, including the replacement of the ten interior bent piles, the installation of new concrete panels and asphalt replacement on the gravel road side.

Huval conducted routine site visits during the construction process to ensure all aspects of the project adhered to the defined scope. Their oversight guaranteed compliance with safety standards and optimized repair strategies for long-term durability and functionality. Following construction, Huval performed a comprehensive post-repair bridge inspection to verify the quality and effectiveness of the completed work.

Key Project Members:

Colby Guidry, PE – Bridge Design, Bridge Inspector



Firm name	Huval & Associates, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	IDIQ Retainer Contract for Bridge Preservation Statewide		Firm responsibility (prime or sub?)	Prime
Project number	4400023923	Owner's name	LADOTD	
Project location	Louisiana Statewide		Owner's Project Manager	Jenny Fu, P.E.
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804-9245, (225)379-1074, Jenny.Fu@la.gov			
Services commenced by this firm (mm/yy)	09/22	Total consultant contract cost (\$1,000's)		\$ 7,000
Services completed by this firm (mm/yy)	On- Going	Cost of consultant services provided by this firm (\$1,000's)		\$174

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

LA 6 Youngs Bayou Bridges T.O. H.013821: Huval as the prime, is responsible for preparing final plans and cost estimates to address abutment and embankment failures at the Youngs Bayou Bridges in Natchitoches Parish. The project scope includes designing a soil nail stabilization system to reinforce slopes, implementing drainage modifications to address conflicts, and remediating degraded approach slabs. Huval is developing detailed plans, conducting design analyses, and coordinating geotechnical and structural engineering efforts to ensure safe and effective mitigation measures.

Nutland Road Embankment Failure T.O. H.007300- Huval is tasked with addressing the ongoing embankment failures on the north and south sides of the Nutland Road Bridge crossing I-20 in Monroe, Louisiana. To mitigate these failures, Huval will conduct geotechnical investigations, including soil borings, laboratory testing, and slope stability analyses, to develop appropriate repair recommendations. Additionally, Huval will prepare cleaning and painting plans for the Pecan Lane I-20 Flyover Exit Bridge, including estimated quantities for the engineer's cost estimate. Deliverables include detailed reports, phased plan sets, and finalized repair designs, all aligned with DOTD's schedule and requirements.

Wiggins Bayou Construction Services T.O. H.012545.6: Huval will provide construction services for the replacement of the Wiggins Bayou Bridge on LA 454 in Avoyelles Parish. Responsibilities include reviewing and transmitting shop drawings and material submittals, evaluating girder erection plans and formwork, responding to contractor RFIs, and attending the Pre-construction Conference. Huval will also perform field visits as required by DOTD and provide design services for necessary change orders.

LA 94 Construction Services T.O. H.014560.6: Huval will oversee construction services for the Vermilion River Bridge replacement on LA 94, spanning Lafayette and St. Martin Parishes. Key tasks include reviewing plans for the diversion bridge, formwork, and bearing pads, as well as addressing contractor RFIs. Additionally, Huval will perform field visits as required by DOTD and provide design support for any necessary change orders. All deliverables will comply with DOTD's timelines and standards to ensure successful project execution.

Team Members to be Utilized on Retainer:

David S. Huval, Sr., Supervisor Engineer, Principal
Colby Guidry – Project Manager / Lead Bridge Design, Inspections

Lee Hupperich, Lead Movable Bridge Design

Thomas Gattle – Lead Roadway Design

Justin Peltier, Bridge Design and Ratings

Reid Romero, Bridge Design and Ratings

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



Firm name	Huval & Associates, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	4 Mile Bayou Road – Bridge Repairs	Firm responsibility (prime or sub?)	Prime
Project number	SP#: 50-J50-12-1	Owner's name	St. Martin Parish Government
Project location	Stephensville, Louisiana	Owner's Project Manager	Wes Dupuis
Owner's address, phone, email	P.O. Box 9, St. Martinville, LA 70582, (337) 394-2200, wdupuis@stmartinparish.net		
Services commenced by this firm (mm/yy)	03/19	Total consultant contract cost (\$1,000's)	\$1,078
Services completed by this firm (mm/yy)	07/23	Cost of consultant services provided by this firm (\$1,000's)	\$144

Huval & Associates served as the principal engineering firm for the 4-Mile Road Bridge Replacements project in St. Martin Parish, Louisiana, identified under Recall #200684, and #200686. In collaboration with the St. Martin Parish Government, the project entailed the replacement of two deteriorated timber bridges with new full-timber structures.

Huval & Associates also served as the principal engineer for the emergency bridge replacement of Bridge #200685, located on 4 Mile Bayou Road, during the summer of 2023. Although this bridge was not part of the original two-bridge project scope, it was nearly identical in terms of materials and construction methods.

Huval & Associates executed a comprehensive scope of engineering responsibilities, beginning with the development of repair and replacement options accompanied by cost estimates, followed by the preparation of detailed bridge plans and specifications for both structures. Huval conducted timber design and detailing, incorporating elements such as caps, stringers, and decking. Additional analyses included split-phase construction planning to optimize project execution. Huval also researched geotechnical data and designed pile foundations to ensure structural integrity.

Permitting efforts encompassed the development and coordination of a Coastal Use Permit (joint permit with the U.S. Army Corps of Engineers), alongside other necessary approvals. Construction supervision, post-construction evaluations—including bridge ratings and inspections—were also completed.

Construction was completed by Matt Durand Construction in accordance with the detailed engineering plans and specifications provided by Huval & Associates.

Key Project Members:

Colby Guidry, PE – Bridge Design, Bridge Inspector

Justin Peltier, PE – Bridge Design

Ethan Delcambre – Bridge Inspector

Ray Provost – Bridge Inspector



18. Approach and Methodology:

Introduction The Bluewing Civil Consulting, LLC team provides DOTD with a combined over 60+ years of experience through its staff. Our staff has experience with Off-System Bridge inspections and repairs involving both standard plan and non-standard structures in accordance with LADOTD manual including roadway and bridge design, environmental and OSBR guidelines.

Bluewing's team is lead by Alex Guillory, PE who is mentored by Mark Dubroc, PE. Together they bring experience from many bridge repair and replacement projects. Mark Dubroc, PE will serve as the QA/QC Manager. Our team include Huval & Associates, Inc, who has a stellar reputation with LADOTD, SJB Group, LLC will serve as our Survey team member, and Neel-Schaffer, will serve as our Environmental subconsultant. All team members are very well established with LA DOTD and OSBR program.

Understanding the Scope

The Iberia Bridge Bundle project encompasses the replacement of multiple off-system bridges within Iberia Parish under the LADOTD Off-System Bridge Replacement Program. These structures serve as vital links for local communities and agricultural corridors, requiring designs that balance safety, hydraulic efficiency, and cost-effectiveness. The project demands a comprehensive approach to address site-specific challenges such as varying drainage basins, potential wetland impacts, and utility conflicts. Our team understands the importance of minimizing disruptions to local traffic and ensuring compliance with LADOTD standards, AASHTO LRFD specifications, and environmental regulations. Leveraging extensive experience with similar multi-site OSBR projects, we will implement proven strategies for survey, hydraulics, bridge design, and environmental clearance to deliver a streamlined, high-quality solution within the required schedule.

Project Understanding & Site Review

Our team will perform comprehensive site assessments by conducting visits to each bridge in the Iberia Bridge Bundle. These visits will verify existing conditions and help identify potential design challenges early, ensuring accurate data collection and reducing unforeseen issues during design and construction. Key considerations include anticipating utility conflicts such as overhead and underground electric, gas, water, sewer, and telecom lines that may require coordination or partial relocation, with early engagement to minimize delays and cost impacts. Environmental sensitivities like wetlands, cultural resources, and recreational areas will be evaluated to ensure compliance with Section 4(f) and other regulations. Geometric and structural constraints, particularly for rural bridges with limited right-of-way and access, will require innovative solutions for span lengths, approach geometry, and constructability. Additionally, proximity to residences and businesses may necessitate vibration mitigation strategies and clear communication plans during construction. Our strategic approach focuses on early risk identification by documenting site-specific constraints during initial visits and integrating findings into design criteria. A utility coordination plan will include dedicated meetings before design begins to confirm clearance requirements and relocation strategies. Environmental compliance efforts will start early with wetland delineation and cultural resource reviews to avoid permitting delays. Finally, constructability will be prioritized by evaluating options for accelerated bridge construction and phased approaches where traffic impacts are critical.

Kickoff Meeting

Once the Notice to Proceed (NTP) is issued, we will conduct a formal predesign kickoff meeting with LADOTD and Parish stakeholders to review the project scope and schedule, validate milestones, and establish a realistic timeline based on concurrent task execution. The meeting will also confirm deliverable standards in accordance with LADOTD guidelines for surveys, plans, and environmental

18. Approach and Methodology:

documentation. Resource coordination will include field book handoff, utility coordination strategies, and right-of-way considerations. Meeting minutes will be documented and distributed within three business days, providing a clear record of decisions and action items. This proactive approach ensures all stakeholders are aligned from day one, reducing risk and accelerating project delivery.

Topographic & Property Surveys

Our survey team member, SJB Group, LLC will conduct all topographic and property surveys. SJB Group, LLC has extensive experience collecting data for various DOTD projects, so they are familiar with LADOTD Location & Survey requirements. Accuracy and compliance are guaranteed, as all surveys will meet LADOTD standards for electronic deliverables and include required documentation such as photographs, point listings, and cross sections. The survey process begins with control establishment, setting a minimum of four GPS control points in concrete and performing digital leveling between points for precision. Topographic surveys will cover the full roadway, bridge, and channel or river, extending limits to capture curves and geometric changes, while collecting additional DTM break lines and surface anomalies and surveying upstream structures for hydraulic analysis. Property surveys and title take-offs will be conducted concurrently with topographic surveys to provide early right-of-way insights and reduce delays, with base ROW maps initiated early if takings are confirmed. Data processing will occur daily in AutoCAD Civil 3D, followed by a dual-team QC/QA review before LADOTD submission. Deliverables will include ASCII, PDF, and DGN files, accompanied by the surveyor's transmittal and design engineer's acceptance letters. This strategy provides a clear advantage through early ROW intelligence, technology-driven accuracy using advanced GNSS equipment and digital workflows, and proven expertise in delivering LADOTD-compliant surveys for OSBR projects.

60% Preliminary Plan Development

Our team will begin developing the 60% Preliminary Plans immediately after LADOTD approves the survey data, establishing the foundation for design and enabling early identification of potential challenges. This stage includes completing hydraulic and scour analyses using LADOTD-approved software such as HYDR1130 and HECRAS, which will guide bridge Type, Size, and Location (TS&L) and confirm hydraulic opening requirements. We will develop the preliminary bridge layout, span configuration, and approach geometry in AutoCAD Civil 3D, incorporating TS&L recommendations and LADOTD design criteria. Roadway design elements such as horizontal and vertical alignment, guardrail placement, embankment widening, and drainage features will be modeled, with potential right-of-way impacts identified early. Utility coordination will involve preparing a draft utility conflict matrix and scheduling a meeting to address transmission lines, underground utilities, and constructability constraints. Safety and compliance will be ensured by submitting LADOTD Design Report Forms for review and approval and drafting forms for any anticipated design exceptions or waivers. Deliverables will include the 60% Preliminary Plan set with roadway plan and profile sheets, bridge General Plan and Elevation (GPE), typical sections and cross sections, hydraulic reports, and data tables, along with a draft cost estimate and constructability review notes. This approach provides strategic advantages through early risk mitigation by identifying right-of-way, utility, and environmental constraints before advancing design, accelerating workflow through concurrent development of hydraulics and geometry.

Hydraulics & Scour Analysis

Our team will conduct a comprehensive hydraulics and scour analysis to ensure safe, efficient, and compliant bridge design. This process will strictly follow LADOTD standards and utilize advanced modeling tools for accuracy and risk mitigation. The approach begins with data

18. Approach and Methodology:

collection and basin delineation, reviewing FEMA Flood Insurance Rate Maps, USGS Quadrangle maps, LiDAR, and topographic survey data to define drainage basin limits and identify critical hydraulic features. Next, peak flow and water surface elevations will be calculated using LADOTD-approved methodologies, modeling multiple flow scenarios to ensure resilience. Advanced hydraulic modeling will be performed using HYDR1130 and HECRAS for 1D/2D simulations, integrating scour analysis to predict erosion risks and design appropriate countermeasures. Results will be incorporated into bridge Type, Size, and Location (TS&L) sheets through hydraulic data tables, ensuring compliance with LADOTD Hydraulics Manual and AASHTO standards. Deliverables will include a detailed hydraulic report with basin delineation, flow calculations, and scour analysis, along with LADOTD-formatted hydraulic data tables and recommendations for scour protection and constructability considerations. This approach offers strategic advantages through accuracy and efficiency using LiDAR and advanced modeling, early risk mitigation by identifying scour-prone areas, and full compliance with LADOTD standards supported by rigorous QC/QA review.

Bridge Type, Size & Location (TS&L)

Our team will develop the TS&L early in the design process to establish the optimal bridge configuration and ensure seamless integration with hydraulic, geometric, and constructability requirements. This begins with defining bridge length, hydraulic opening, and revetment slopes based on hydraulic analysis and site constraints, while evaluating alignment options to minimize right-of-way impacts and utility conflicts. We will incorporate non-standard design elements where needed, such as cantilevered sidewalks, custom span and bent details, bulkheads, and railing systems, and assess alternate pile designs to mitigate vibration risks near sensitive structures. All TS&L design will be performed in-house and/or by Huval & Associates, Inc in accordance with the LADOTD Bridge Design & Evaluation Manual (BDEM) and

AASHTO LRFD standards, with load ratings conducted using AASHTOWare BrR for accuracy and compliance. Deliverables will include TS&L sheets detailing bridge layout, hydraulic opening, and structural configuration, along with a preliminary constructability review to identify potential challenges and mitigation strategies, and integration of TS&L with roadway geometry and environmental considerations. This approach offers strategic advantages through accelerated decision-making that reduces redesign risk and expedites approvals, a strong focus on constructability through proactive evaluation of utilities and site constraints, and proven expertise in complex designs supported by in-house capabilities for rapid turnaround.

60% Preliminary Plans

Following completion of the hydraulics analysis, our team will develop the 60% Preliminary Plans to establish the foundation for the final design. This stage is critical for identifying potential design exceptions, right-of-way (ROW) impacts, and constructability issues early in the process. The scope of work includes developing roadway geometry by establishing horizontal and vertical alignments, guardrail layouts, embankment widening, and roadside drainage details. Cross-sectional design will involve preparing typical sections and transition details to ensure compliance with LADOTD standards. Additionally, digital modeling will be performed using AutoCAD Civil 3D to model the roadway and determine construction limits, enabling early identification of ROW takings and utility conflicts. All plans will be prepared in full accordance with the LADOTD Plan Preparation Manual and OSBR Guidelines. If design exceptions or waivers are required, draft forms will be completed and submitted promptly for LADOTD and Parish review, accompanied by a safety analysis to ensure alignment with LADOTD safety standards. This approach provides strategic advantages, including early risk mitigation through proactive resolution of ROW and utility issues, accelerated delivery by minimizing revisions

18. Approach and Methodology:

and expediting LADOTD approvals, and quality assurance through internal QC/QA reviews prior to submission, ensuring accuracy and compliance.

75% Preliminary Plans & Solicitation of Views

After LADOTD completes its review of the 50% Preliminary Plans, our team will advance the design to the 75% stage, incorporating all comments and preparing for the Plan-in-Hand (PIH) review. This milestone ensures that roadway and bridge design elements are fully coordinated and ready for stakeholder input. At this stage, the scope of work includes refining the plans by updating roadway geometry, cross sections, drainage, and bridge details based on LADOTD feedback. Utility coordination will also be addressed by confirming necessary adjustments and integrating any required design modifications to minimize conflicts. Additionally, our team will prepare and distribute Solicitation of Views (SOV) packets to stakeholders in accordance with LADOTD Environmental Section requirements, track responses, and resolve comments promptly to maintain project momentum.

All plans will be prepared in full compliance with the LADOTD Plan Preparation Manual and OSBR Guidelines. To maintain transparency and accountability throughout the process, meeting minutes and response logs will be documented and preserved. This approach offers several strategic advantages, including proactive issue resolution by addressing LADOTD and stakeholder comments early to reduce the risk of delays at the Plan-in-Hand stage. Our streamlined review process accelerates delivery by minimizing iterations and keeping the project on schedule. Additionally, enhanced communication through dedicated coordination with LADOTD, Parish officials, and utility providers ensures alignment and readiness before advancing to final design.

90% Preliminary Plans (Plan in Hand)

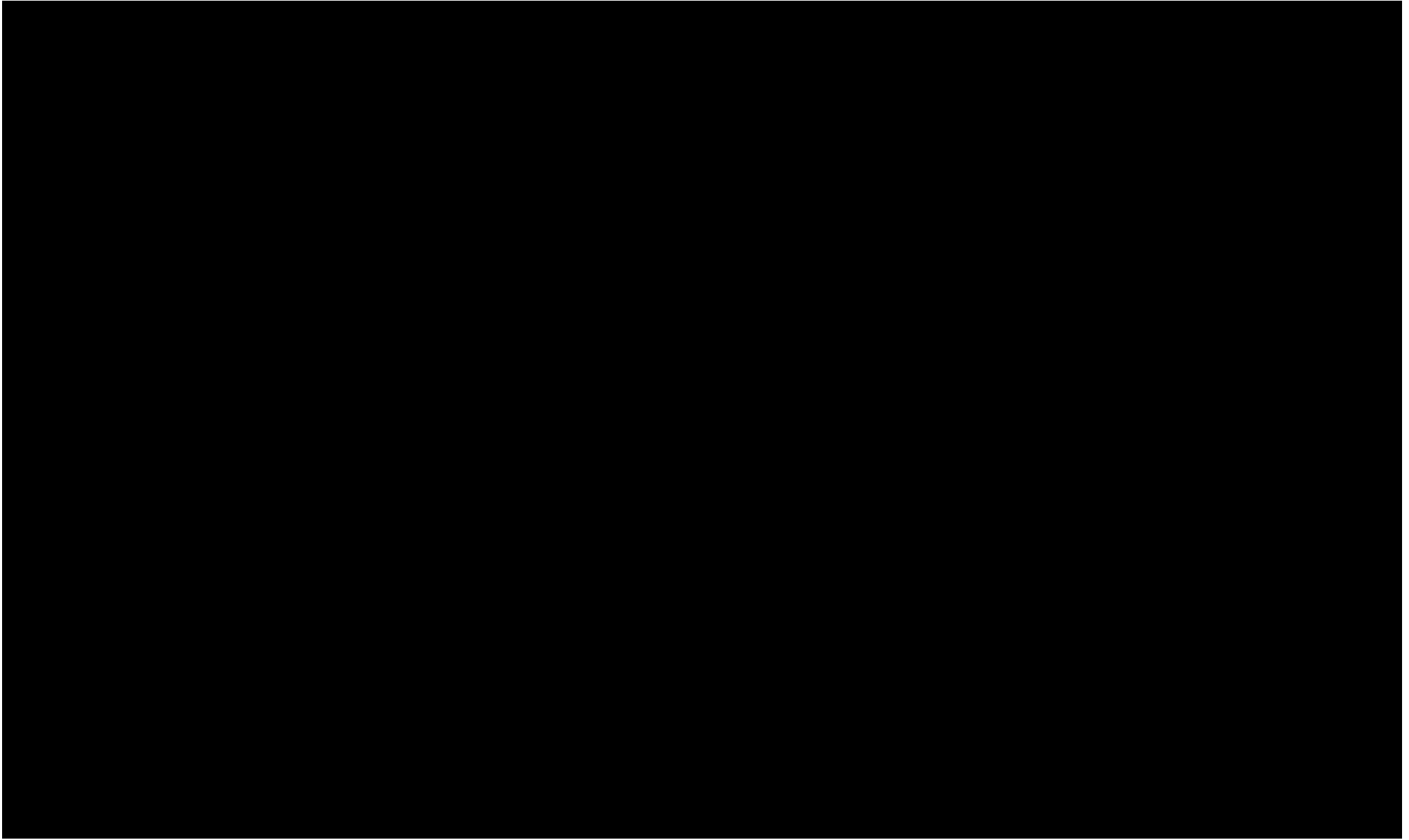
At the 90% Preliminary Plans stage, our team will advance the design to near-final form, ensuring that all roadway and bridge elements are

fully coordinated and that constructability issues are resolved before moving into final plans. This phase includes completing the roadway model, typical sections, plan and profile sheets, general notes, bridge GPE, foundation layouts, and superelevation diagrams if required. Supporting documentation such as Standard Plan lists, a preliminary cost estimate, and the Constructability & Biddability Review form will also be provided to confirm readiness for bidding. Safety integration remains a priority, with validation of pedestrian and traffic accommodations and incorporation of any necessary phased construction strategies. An on-site Plan-in-Hand (PIH) review will be conducted with LADOTD and Parish representatives to confirm design intent and address any remaining concerns, followed by detailed meeting notes delivered within three business days to ensure transparency and accountability. This approach offers strategic advantages, including early constructability review to identify potential issues before final plans, reducing change orders and delays. Our team's expertise in phased construction ensures bridges can be designed for staged construction when required, minimizing traffic disruptions. Additionally, proactive engagement with LADOTD and Parish officials enhances coordination and alignment on traffic control and pedestrian safety.

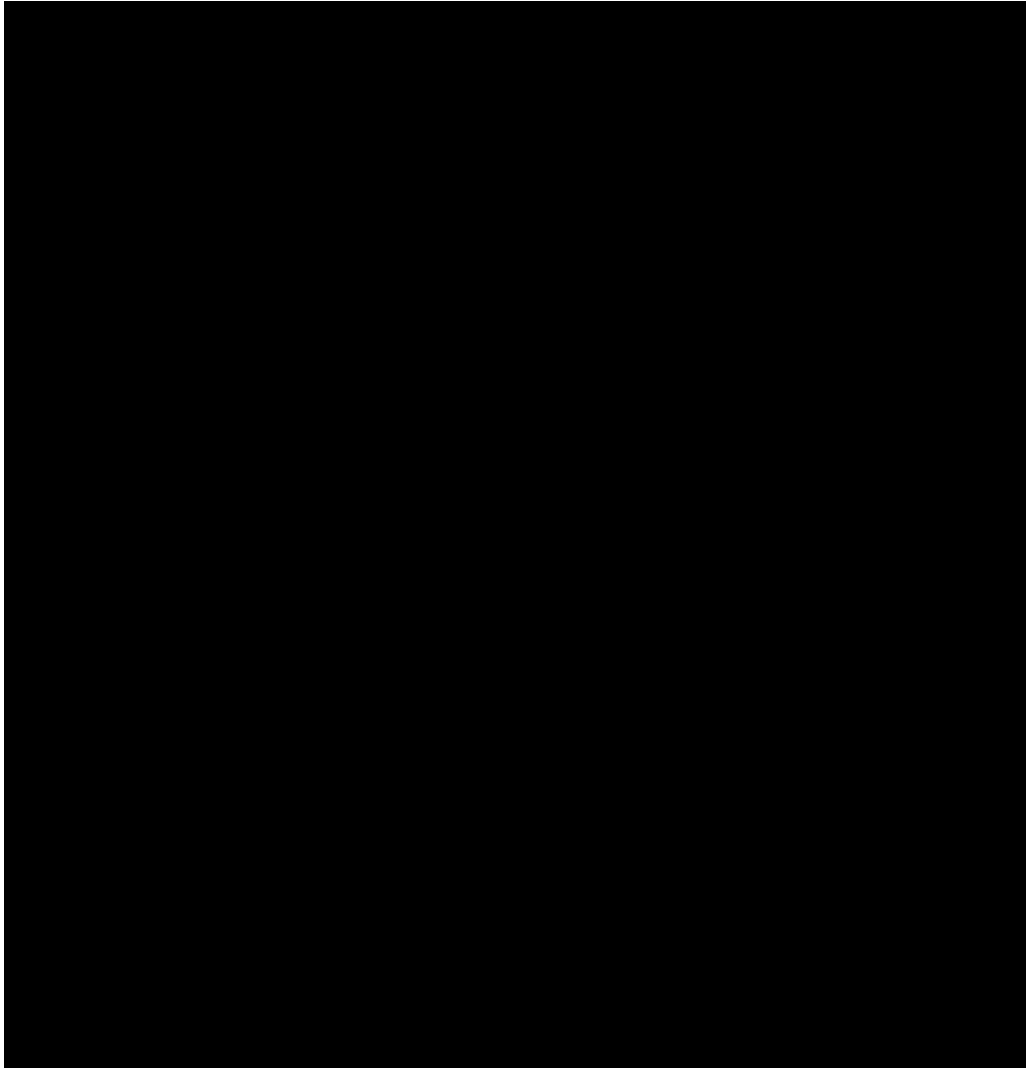
100% Preliminary Plans (Post Plan in Hand Prints)

At the 100% Preliminary Plans stage, our team will finalize all design elements and incorporate feedback from the Plan-in-Hand (PIH) meeting to deliver a complete preliminary plan set that meets LADOTD standards and prepares the project for final design. This includes integrating all PIH comments and finalizing roadway geometry, typical sections, profiles, and drainage details. Bridge design elements will be completed, including foundation layouts, superstructure and substructure details, and confirmation of alignment with the approved TS&L. Supporting documentation such as updated cost estimates, constructability and biddability review forms, and standard plan lists

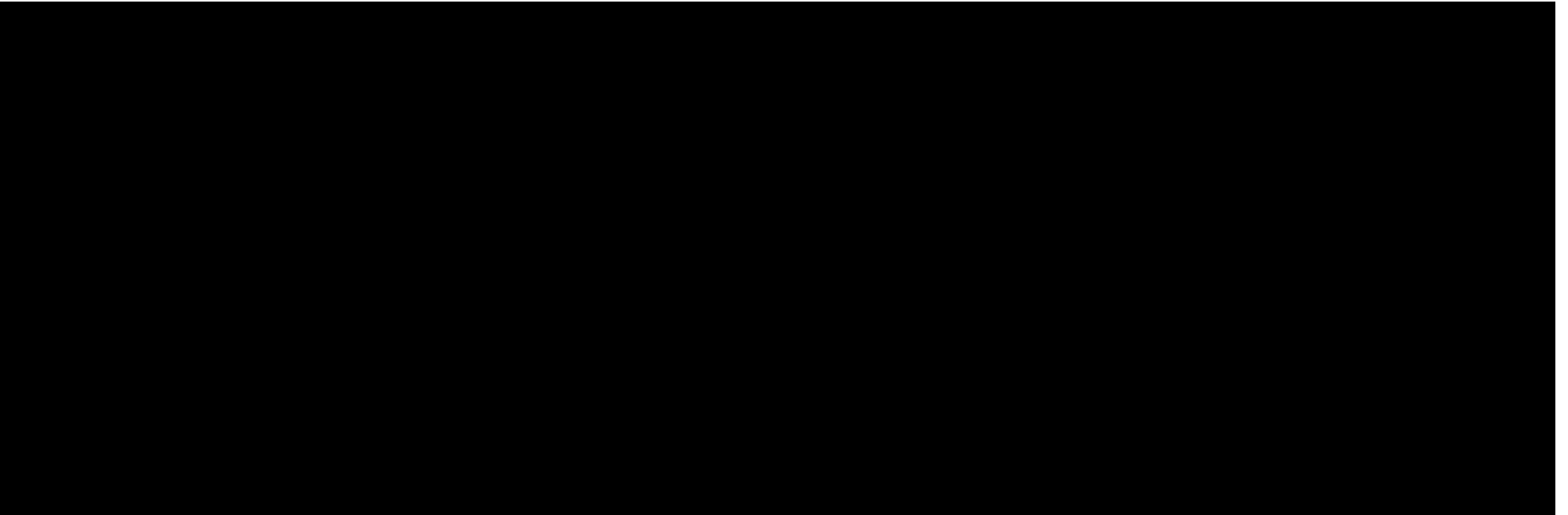
18. Approach and Methodology:



18. Approach and Methodology:



18. Approach and Methodology:



19. Workload:

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

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

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

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

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Bluewing Civil Consulting, LLC				N/A
Neel-Schaffer, Inc.	Planning	SPN 736-99-1548	Travel Demand Model Support Services Statewide	\$46,434
Neel-Schaffer, Inc.	ITS	4400010428/EWL 3,	Kansas Lane: Garrett Road Connector and I-20	\$805
Neel-Schaffer, Inc.	Traffic	4400010428/EWL 6,	Kansas Lane: Garrett Road Connector and I-20	N/A
Neel-Schaffer, Inc.	Traffic	4400010428/H.004774.5;	Kansas Lane: Garrett Road Connector and I-20	\$195,920
Neel-Schaffer, Inc.	Planning	4400015733/H.972374.1	Local Public Agency Documented Planning Process, Statewide	\$56,682
Neel-Schaffer, Inc.	Road	4400017293/H.010616	I-20: LA 544 Overpass Replacement	N/A
Neel-Schaffer, Inc.	ITS	440005459/H.004780.5	Kansas Lane Connector, S.A. #6	\$552
Neel-Schaffer, Inc.	Traffic	4400017438/H.013284	MRB South GBR: LA 1 to LA 30 Connector, Ascension, EBR, Iberville & WBR	\$93,335
Neel-Schaffer, Inc.	Traffic	4400018271/H.014746.1	LA 383 Corridor Study	\$13,022
Neel-Schaffer, Inc.	Traffic	4400018271/H.014746.5, SA #2	LA 383 Corridor Study	\$16,892
Neel-Schaffer, Inc.	Planning	4400018271/H.014746.1	LA 383 Corridor Study	\$93,741
Neel-Schaffer, Inc.	Planning	4400021094	Update Statewide Transportation Plan and Travel	\$3,344
Neel-Schaffer, Inc.	Traffic	4400026458/H.014710.5	Cedar Street Ext. to LA 22 and Roundabout	\$23,473
Neel-Schaffer, Inc.	Road	4400024927/H.015226.5, S.A. #2	US 90: Roundabout at LA 101, S.A. #2 (on hold and should not count as backlog)	\$0
Neel-Schaffer, Inc.	Traffic	4400025299/H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	\$10,661
Neel-Schaffer, Inc.	Traffic	4400025299/H.015645.5	LA 47 Hayne Blvd Safety Improvements	\$40,782
Neel-Schaffer, Inc.	Traffic	4400025299/H.016168.1	Baton Rouge Northern Bypass Expressway	\$325,437

Neel-Schaffer, Inc.	Road	4400024927/H.014366.5	LA 621 Realignment at LA 73 (on hold and should not count as backlog)	\$325,925
Neel-Schaffer, Inc.	Traffic	4400024927/H.014366.5	LA 621 Realignment at LA 73 (on hold and should not count as backlog)	\$68,011
Neel-Schaffer, Inc.	Traffic	4400023689/H.013622.5	LRSP Ardenwood Dr. Road Diet	n/a
Neel-Schaffer, Inc.	Planning	4400023689/H.013622.5	LRSP Ardenwood Dr. Road Diet	\$5,318
Neel-Schaffer, Inc.	Road	4400023689/H.013622.5	LRSP Ardenwood Dr. Road Diet (awaiting NTP for	\$156,280
Neel-Schaffer, Inc.	Road	4400024927/H.009425.5	LA 16: N 2nd St. to E. of Duncan Ave. (on hold and should not count as backlog)	\$149,698
Neel-Schaffer, Inc.	Traffic	4400025299/H.015986.5	I-49 at LA 3233 (Harry Gilbeau Road) Traffic Study	\$62,686
Neel-Schaffer, Inc.	Traffic	4400023689/H.015574.5	LCG FYA Signal Improvements Phase 2	\$191,123
Neel-Schaffer, Inc.	Other(Program	4400027987/H.015373.1	LRSP and SRTPP Program Management	\$653,582
Neel-Schaffer, Inc.	Road	4400024927/H.016158.5	LA 182: Greenwood St. Overpass (on hold and should not count as backlog)	\$41,976
Neel-Schaffer, Inc.	Traffic	4400028585/H.014516.5	Mills Ave & Rees St Intersection Imp	\$86,803
Neel-Schaffer, Inc.	Other (Safety)	4400023689/H.015227. S.A. #1	US 61 @ Victoria Dr. Ped Crossing, S.A. #1	\$10,629
Neel-Schaffer, Inc.	ITS	4400029436/H.011504.6	Alexandria Phase 2 Technical Support	\$26,815
Neel-Schaffer, Inc.	ITS	4400029436/H.016447.1	DMS Decom & Updates SEA	\$33,743
Neel-Schaffer, Inc.	CE&I/OV	4400029441/H.011446.6	Mound Rest Area Renovations	\$70,957
Neel-Schaffer, Inc.	Other (Safety)	4400029441/H.015218.5	Grand Prairie Safety Rest Area Lighting	\$28,076
Neel-Schaffer, Inc.	Traffic	4400025299/H.014305.1	US 61: Cardinal Drive to Bert Street	\$172,771
Neel-Schaffer, Inc.	Road	4400024927/H.015640.5	LA 159 & LA 818: Roundabout	\$378,208
SJB Group, LLC	Survey	44-17033, H.005121	LA DOTD LA 415 CMAR Supplemental Agreement No. 2	\$12,551.68
SJB Group, LLC	Survey	44-22830/S.P. No. N/A	LA DOTD ADA Transition Plan Update	\$93,842.06
SJB Group, LLC	Survey	H.013522.5	LA DOTD S. Lewis St. Widening	\$19,629.86
SJB Group, LLC	Survey	H.015860/H.000445	LA 1 & LA 308 Sidewalks Belle Rose	\$96,826.90
SJB Group, LLC	Survey	H.015852	LA 403 Sidewalks - Paincourtville	\$27,492.77
SJB Group, LLC	Survey	H.000445	IDIQ Bridge Inspection	\$179,734.12
SJB Group, LLC	CPM	44-30226/H.014258.6	RCL - LA 1: Port Allen Canal Bridge Replacement (Phase 2)	\$137,912.69

SJB Group, LLC	CPM	44-31512/S.P. Multiple	IDIQ Contract for Critical Path Method (CPM) Analysis	\$0
SJB Group, LLC	CPM	44-31795/H.011670	I-10/Loyola Interchange Improvement (CPM) Route: I-10	\$103,826.89
SJB Group, LLC	CPM	44-31862/S.P. Multiple	Contract For Consulting Services Critical Path Method (CPM)	\$477,832.86
SJB Group, LLC	Other (DBE)	44-26952	LA DOTD DBE Support Services	\$804,157.55
Huval & Associates, Inc.	Road, Bridge	4400005673/H. 011235	I-49 South @ Verot School Road Lafayette Parish – Design Phase Supp. #3,4,5	\$56,064
Huval & Associates, Inc.	Bridge	4400010428/H. 011235	Kansas Lane-Garrett Road Connector – Supp #1	\$11,644
Huval & Associates, Inc.	Bridge	4400017421/H.001352.5	Comite Diversion Bridge at LA 67 – Construction Services	\$172,646
		4400017421/H.002273.5	Comite Diversion Bridge at LA 19 & LA 19 Railroad – Const. Services	
Huval & Associates, Inc.	Road, Bridge	4400029193/H.004100.5	I-10 CMAR –Design	\$3,774,779
Huval & Associates, Inc.	Road, Bridge	4400029193/H.004100.6	I-10 CMAR – Construction Services	\$723,679
Huval & Associates, Inc.	Road, Bridge	H. 001779	Jimmie Davis Bridge (LA 511 – Design-Build Project)	\$1,610,359
Huval & Associates, Inc.	Bridge	4400023923/H. 013821.5	LA 6: Youngs Bayou Bridges	\$10
Huval & Associates, Inc.	Bridge	4400023923/H. 007300.5	I-20 Widening and Kansas - Garrett Connector	\$18,483
Huval & Associates, Inc.	Bridge	4400023923/H. 012545.6	LA 454 - Wiggins Bayou Bridge: Construction Services	\$39,352
Huval & Associates, Inc.	Bridge	4400023923/H. 014560.6	LA 94: Vermillion Bridge Replacement	\$28,105
Huval & Associates, Inc.	Bridge	4400023923/H. 014560.6	US 90 IHNC Danzinger Bridge	\$1,409,335

20. Certifications/Licenses:

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

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
BLUEWING CIVIL CONSULTING, LLC	Limited Liability Company	LAFAYETTE	Active

Previous Names

Business: BLUEWING CIVIL CONSULTING, LLC

Charter Number: 42093964K

Registration Date: 12/4/2015

Domicile Address

604 SAINT JOHN ST.
LAFAYETTE, LA 70501

Mailing Address

C/O ALEX GUILLORY
P.O. BOX 3384
LAFAYETTE, LA 70502

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 12/4/2015

Last Report Filed: 11/4/2024

Type: Limited Liability Company

Registered Agent(s)

Agent:	ALEX GUILLORY
Address 1:	607 MADISON ST. APT. A
City, State, Zip:	LAFAYETTE, LA 70501
Appointment Date:	12/4/2015

Officer(s) Additional Officers: No

Officer:	ALEX GUILLORY
Title:	Manager, Member
Address 1:	604 MADISON ST. APT. A
City, State, Zip:	LAFAYETTE, LA 70501

Firm Name: Bluewing Civil Consulting, LLC

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
NEEL-SCHAFER, INC.	Business Corporation (Non-Louisiana)	JACKSON	Active
Previous Names			
Business:	NEEL-SCHAFER, INC.		
Charter Number:	34112054F		
Registration Date:	4/25/1983		
Domicile Address			
4450 OLD CANTON ROAD			
SUITE 100			
JACKSON, MS 39211			
Mailing Address			
4450 OLD CANTON ROAD			
SUITE 100			
JACKSON, MS 39211			
Principal Business Office			
4450 OLD CANTON ROAD			
SUITE 100			
JACKSON, MS 39211			
Registered Office in Louisiana			
450 LAUREL STREET, 8TH FLOOR			
BATON ROUGE, LA 70801			
Principal Business Establishment in Louisiana			
450 LAUREL STREET			
8TH FLOOR			
BATON ROUGE, LA 70801			
Status			
Status:	Active		
Annual Report Status:	In Good Standing		
Qualified:	4/25/1983		
Last Report Filed:	4/3/2025		
Type:	Business Corporation (Non-Louisiana)		
Registered Agent(s)			
Agent:	CORPORATION SERVICE COMPANY		



Louisiana
SECRETARY OF STATE **NANCY LANDRY**



[HOME](#)

Search for Louisiana Business Filings

[Buy Certificates and Certified Copies](#) [Subscribe to Electronic Notification](#) [Print Detailed Record](#)

Name	Type	City	Status
HUVAL & ASSOCIATES, INC.	Business Corporation	LAFAYETTE	Active

Previous Names
 Business: HUVAL & ASSOCIATES, INC.
 Charter Number: 34351949D
 Registration Date: 3/21/1990



Louisiana
SECRETARY OF STATE **NANCY LANDRY**



[HOME](#)

Search for Louisiana Business Filings

[Buy Certificates and Certified Copies](#) [Subscribe to Electronic Notification](#) [Print Detailed Record](#)

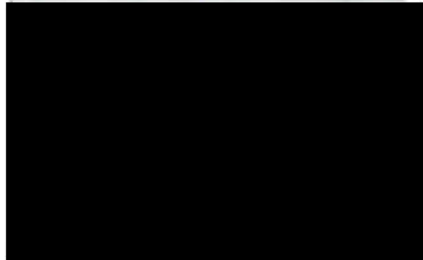
Name	Type	City	Status
SJB GROUP, L.L.C.	Limited Liability Company	BATON ROUGE	Active

Previous Names
 Business: SJB GROUP, L.L.C.
 Charter Number: 36063779K
 Registration Date: 12/2/2005

Firm Name: Bluewing Civil Consulting, LLC

SJB Group, LLC

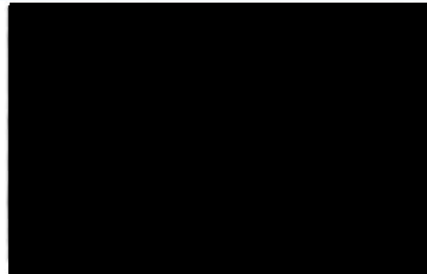
CHARLES "TIM" BREWER, RF, PS, RPP



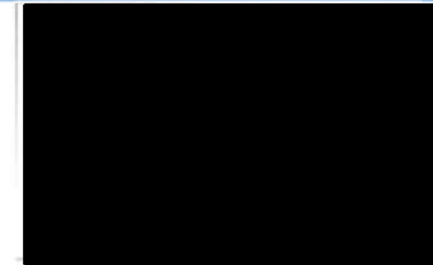
RALPH BURGESS, PLS



MATTHEW ESTOPINAL, PE , PLS



BRADLEY JACOBS, EI



JAMES "DUKE" KOONTZ



ERICK KIDDER





PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Ralph D Burgess

has attended

Louisiana Traffic Control Supervisor

Training Course

11/8/2023 to 11/8/2027
Training Valid Through

Baton Rouge, LA
Location

A handwritten signature in black ink, appearing to read "Don M. Clark".

Vice President of Education and Technical Services

A handwritten signature in black ink, appearing to read "Alan T. Hatcher".

President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Tim Brewer

has attended

Traffic Control Supervisor-LA State Specific

Training Course

11/30/2022 to 11/30/2026

Training Valid Through

Baton Rouge, LA

Location

A handwritten signature in black ink, appearing to read "Kamryn Smith".

Director of Training

A handwritten signature in black ink, appearing to read "Alex Teichner".

President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Matthew Estopinal

has attended

Traffic Control Technician-LA State Specific

Training Course

6/21/2022 to 6/21/2026

Training Valid Through

Baton Rouge, LA
Location

A handwritten signature in black ink, appearing to read "Lange Smith".

Director of Training

A handwritten signature in black ink, appearing to read "Alex Texeira".

President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Matthew Estopinal

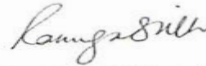
has attended

Traffic Control Supervisor-LA State Specific

Training Course

6/22/2022 to 6/22/2026
Training Valid Through

Baton Rouge, LA
Location


Director of Training


President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brad Jacobs

has attended

Louisiana Traffic Control Supervisor

Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Baton Rouge, LA
Location

A handwritten signature in black ink, appearing to read "Donna M. Clark".

Vice President of Education and Technical Services

A handwritten signature in black ink, appearing to read "Alan T. Tachner".

President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Duke Koontz

has attended

Traffic Control Technician-LA State Specific

Training Course

11/29/2022 to 11/29/2026
Training Valid Through

Baton Rouge, LA
Location

Ramona Smith
Director of Training

Alan T. Hatcher
President, CEO

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



American Traffic Safety Services Association ATSSA.com

PLAN FOR QUALITY ASSURANCE & QUALITY CONTROL



Bluewing Civil Consulting, LLC.

604 St John St

Lafayette, LA

Table of Contents

1	Description and Objective	3
2	Design Team	3
3	Establish Design Criteria	3
4	Type, Size & Location.....	3
5	Structure Design.....	3
6	Pile Size & Length Determination.....	4
7	Bridge General Plan and Elevation.....	4
8	Bridge Plan Details	4
9	Plan Checking	4
10	Contract Document Review.....	5
11	Project Activity log.....	6

APPENDICES

Appendix A: Project Design Criteria Checklist

Appendix B: Project Kick-off Meeting

Appendix C: Hydraulic Design Check Lists

Appendix D: Plan Checking QA/QC

Appendix E: Final Calculation Book Checklist

1 Description and Objective

This document has been prepared to outline the Quality Assurance and Quality Control (QA/QC) Procedures related to the design and design drawing associated with and specifically for Off-System Highway Bridge Program as required by the Louisiana Department of Transportation and Development's request for Qualification Statement for this project. The QA/QC procedures and headlined developed herein are to ensure that Bluewing Civil Consulting, LLC (BWC) has developed the design and design drawings in accordance with the standards and that all design drawings have been properly checked to assure quality and completeness in BWC finished product.

2 Design Team

A. Engineer of Record	Alex Guillory, PE
B. Production Manager	Brady Bogues, EI
C. Design Checker	Aaron Enlund, EI
D. Reviewer	Mark Dubroc, PE

3 Establish Design Criteria

- A. Project Design criteria shall be developed in accordance with the attached design criteria checklist. (Appendix A)

4 Type, Size & Location

- A. Determine type, size and location of proposed structure from hydraulic analysis and report. Complete hydraulic design checklist. (Appendix C)

5 Structure Design

- A. If standard plan bridge, engineer of record shall request applicable standard plans from Louisiana DOTD Project Manager
- B. If special detail bridge:
- C. Engineer of record shall conduct superstructure design calculations accordance with established and confirmed project design criteria for:
 - i. Dead Load
 - ii. Live load
 - iii. Wind load
 - iv. Wave load
 - v. Seismic load

- vi. Vessel Collision Load
- D. Engineer of record shall conduct substructure design calculations in accordance with established and confirmed project design criteria for
 - vii. Dead Load
 - viii. Live load
 - ix. Wind load
 - x. Wave load
 - xi. Seismic load
 - xii. Vessel Collision Load

6 Pile Size & Length Determination

- A. Engineer of record in conjunction with a geotechnical engineer shall conduct calculations for pile size and length determination utilizing data obtained from geotechnical analysis and maximizing pile load as established by standard plans or as determined from special details substructure design. the hydraulic report shall also be reviewed for effects of scour on piles. If geotechnical analysis is performed by DOTD, BWC shall submit scour calculations, soil boring logs, bridge plan and elevation sheets and bridge special details with required loading to DOTD for pile design.

7 Bridge General Plan and Elevation

- A. Engineer of record shall direct development of CAD bridge plan and elevation in accordance with type, size, and location, provisions of standard plans, special details design.

8 Bridge Plan Details

- A. If standard plan bridge, engineer of record shall provide instruction to insert relevant standards into plan drawing set.
- B. If special detail bridge, engineer of record shall direct development of CAD Bridge details in accordance with results of special detail analysis of super and substructure.

9 Plan Checking

- A. The engineer of record shall prepare the attached QA information package checklist for each submittal stage and provide checklist and plans to checker.
 - i. Plan-In-Hand

- ii. Post Plan-in Hand
 - 1. R-W Sketches and Agreements
 - 2. Environmental, Permit Sketched & Wetland Determination
 - 3. Responses to all Plan-in-Hand Comments
 - iii. Pre-Advance Check Print (ACP)
 - iv. ACP
 - v. Final Tracings
 - 1. Responses to all ACP Comments
- B. A technical review of bridge plan documents shall be conducted by the project plan checker consisting of the following:
 - i. Check structural design calculations for super and substructure components, bearings, joints, and pile lengths for conformity with design criteria.
 - ii. Check of bridge drawings developed for all primary structural components.
 - iii. Check bridge drawings for conformance with CAD standards
 - iv. Check all plan sheets to ensure they are in accordance with DOTD's Federal Aid Off-System Highway Bridge Program as required at each stage submittal (Appendix D)
- C. The plan checker in association with the engineer of record and team leader shall conduct a constructability/biddability review.
- D. Upon completion of the technical review and revisions, the engineer of record shall provide a set of sealed/stamped and signed calculations for all structural elements if special details are required.
- E. Complete the attached final calculation book checklist (Appendix E)

10 Contract Document Review

- A. Upon completion of the above, the project reviewer shall ensure that the design development QC process is complete and design calculations, drawings, special provision, and cost estimates are in accordance with LDOTD bridge design practices, policies and procedures inclusive of the following items:
- B. Ensure the QA/QC certification is signed by all responsible parties. Ensure the geotechnical design information shown on the bridge plan is co-stamped by a Geotechnical engineer and hydraulic information shown on bridge plans is co-stamped by a Hydraulic Engineer. If useful, the hydraulic information and Geotech information should be presented on separate sheets to reduce the

engineering stamps on a sheet. If more than one engineering stamp is required on a sheet, the responsibilities for each engineer stamp shall be clearly defined.

- C. Assemble design calculation from all designers including the final geotechnical analysis report and the hydraulic report from the geotechnical engineer and the hydraulic engineer, finalize the calculation book, and seal the cover sheet of the book.
- D. Ensure the names of the designer, design checker, detailer, and reviewer are correctly shown on the title block of each plan sheet. Stamp all plan sheets or designate a designer who shall be licensed by the State of Louisiana as a professional engineer to stamp sheet developed under their supervision.
- E. Ensure all special provisions are accurately shown on the construction proposal.
- F. Complete attached QC certification.

11 Project Activity log

- A. Throughout project development all meetings, milestones, submittal revisions, etc. shall be recorded on the attached project activity log.



Design criteria for each project shall include, but not limited to the following sections:

1. Cover Sheet

The following information must be include on the cover sheet:

- A. LADOTD Project Number
- B. Project Name
- C. Revision Date
- D. The Supervisor or Team Leader's signature and date

2. Governing Design and Construction Specification and other Reference

A list of governing design and construction specifications and of the references used for the project shall be included in this section. The edition number, interim revisions, and/pr publication date must be specified for each reference.

3. Design Assumption and Design Exceptions

All design assumptions/exceptions received shall be included in this section along with supporting documentation.

4. General Information

The general information listed below should be included in this section:

- A. Bridge information (no. of bridges, bridge clear width, length, no. of lanes, lane width, shoulder width, etc.)
- B. Road information (roadway classifications, design speed, traffic data, etc.)
- C. Vertical datum
- D. Vertical and horizontal clearances
- E. Other relevant information

5. Hydraulic Design Criteria

All hydraulic design criteria (design year, design water surface elevations, scour depth and scour elevation, etc.) shall be included in this section and the information shall be provided by the Hydraulic Engineer.

6. Design Loads

The ductility factor η_R , redundancy factor η_R , and operational importance factor η_I shall be listed in this section.

7. Design Factors

All design loads (dead load, live load, wind load, thermal loads, vessel collision loads, seismic load, wave loads, etc.) used for the project shall be included in this section

8. Limit States

All applicable limit states for this project shall be listed in this section.

9. Bridge Barrier

The design criteria, types, and test levels for bridge barriers shall be listed in this section. Standard plans and special details should be listed if they are utilized.

10. Guardrail

The design criteria, types, and test levels for guardrails shall be listed in this section. Standard plans and special details should be listed if they are utilized.

11. Approach Slab

Design criteria for approach slab shall be included in this section. Standard plans and special details should be listed if they are utilized.

12. Deck and Deck Drainage

All design criteria for deck and deck drainage design shall be included in this section. Standard plans and special details should be listed if they are utilized.

13. Bearing

All bearing types and design criteria for each bearing type shall be included in this section. Standard plans and special details should be listed if they are utilized.

14. Joint

All joint types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.

15. Superstructure

All superstructure types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.

16. Substructure

All substructure types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.

**17. Piles and Drilled Shafts**

All pile types, sizes, and structural design criteria shall be included in this section. Standard plans and special details should be listed if they are utilized.

18. Geotechnical Design

All geotechnical design criteria shall be included in this section and the information shall be provided by the Geotechnical Engineer. Standard plans and special details should be listed if they are utilized.

19. Mechanical Design

All mechanical design criteria shall be included in this section if applicable. Standard plans and special details should be listed if they are utilized.

20. Electrical/Lighting Design

All electrical design criteria shall be included in this section if applicable. Standard plans and special details should be listed if they are utilized.

21. As-Designed Bridge Rating Criteria

All as-designed bridge rating criteria shall be included in this section.

22. Software

All software used for design and checking shall be included in this section.

1. Project name and owner.
2. Purpose and need of the project
3. Contract/Budget
 - a. Type [fixed fee, include additional services, etc; T&M]
 - b. Phases and Values
 - c. Additional services phases and values
 - d. Sub-consultants scopes of work and values listed below
4. Permits and 3rd party coordination required
 - a. Federal, state and/or local agencies (DOTD, LDH, DEQ, parish/city, drainage board etc)
 - b. Other client consultants (ie bond attorney)
 - c. Owner entities (legal counsel, finance dir, etc)
 - d. Potential unknowns?
5. Identify BWC team roles/responsibilities and Staffing Plan
 - a. Project Manager [describe role]
 - b. Project Engineer []
 - c. Project Engineer Intern []
 - d. CAD Lead []
 - e. Utility coordinator []
 - f. Permit Coordinator []
6. Potential solutions
7. Design guidelines [AASHTO, LA DOTD Hydraulics Manual, local ordinance, etc]
 - a. Design constraints [design speed, storm intensity, projected land use, assumed structural loads, etc]
8. Sub-consultant names, roles and responsibilities
 - a. Survey [name of firm, field data collection and processing, type of surveys, deliverables, etc]
 - b. Geotech []
 - c. Structural []
 - d. Environmental []
 - e. Title research []
 - f. Right of entry acquisition []
9. 3rd party utility coordination
 - a. State what is known
 - b. Discuss potential unknowns
10. Establish project timeline. Review MS Project schedule created prior to meeting
11. Establish initial in-house deadlines [2-3 IHDs]

PROJECT NO.: _____
 PROJECT _____
 NAME: _____
 PARISH: _____
 DATE: _____
 CHECKED BY: _____

1. _____ Design storm event chosen with justification (2, 5, 10, 25, 50, 100, 500)
2. _____ Design water surface elevation and required freeboard
3. _____ Scour depth and elevation
4. _____ Plans accompanied by hydraulic report with values in plans matching calculations in report
5. Hydraulic report shall include the following:
 - 5A. _____ Tailwater determination
 - 5B. _____ Discharge calculations (Rational, SCS, or USGS Method utilized)
 - 5C. _____ Sizing calculations
 - 5D. _____ Freeboard
 - 5E. _____ Drainage map
 - 5F. _____ Documentation of any design assumptions, decisions, exceptions
6. _____ Report cover will be stamped, signed, and dated by the Engineer of Record



APPENDIX D

Location & Survey Checklist

Title Sheet

- ___ Does the project name on the title and plan sheets match the name in the Project System?
- ___ Is the Project Length Table accurate?
- ___ Are the arrows on the Layout Map pointing to the correct location?
- ___ Do the beginning, ending, equation and other event callouts match the same callouts on the plan sheets?
- ___ Is the north arrow shown on the Layout Map?
- ___ Is the scale for the Layout Map labeled correctly?

Plan/Profile Sheets

- ___ Are all of the project baseline(s) information correct?
 - 1. Is the correct level of accuracy used?
 - a. P.I. stations to 2 decimals
 - b. Northing/Easting for begin and End of project to 4 decimals
 - c. Delta angle, degree of curve, and bearings to 1 decimal
 - d. Tangent length, length of curve, and radius to 2 decimals
 - 2. Are all baselines labeled correctly?
 - 3. Is the centerline labeled as Surveyed & Adopted, Projected & Adopted, etc.?
 - 4. Are all route names shown where appropriate?
- ___ Is all of the alignment information shown?
 - 1. Are the tick marks correct?
 - 2. Is all stationing shown?
 - 3. Is curve data needed?
 - 4. Are the P.C.'s, P.I.'s, P.T.'s, P.O.T.'s shown and labeled correctly?
 - 5. Are the non curvilinear P.I.'s and bearings shown and labeled correctly?
 - 6. If multiple baselines appear on the sheet, does the curve data specify the baseline name? (CL La 1 Curve Data) (CL Main Street Curve Data)
- ___ Is there enough information shown for the right-of-way ties? (A station and offset is shown at every required right of way break. Typically, for a callout at the intersection of required and existing right of way, either an offset distance, "or", an alignment station is used for one of the callout comments when tying to the existing right of way, and the other callout comment is shown or labeled as "Tie to Existing".)



APPENDIX D

Location & Survey Checklist

Specify STATION - when existing r/w line being tied into is generally parallel to project centerline

Specify OFFSET - when existing r/w line being tied into is generally perpendicular to project centerline

- ___ Are the required right of way lines generally parallel to centerline tangents and concentric to centerline arcs? (Exceptions are to be made when flaring to a different offset.)
- ___ If taking is shown on multiple sheets for the same station/offsets (roundabouts usually), confirm that the labels are from the same baseline in every occurrence.
- ___ When servitudes are needed, label the servitude (construction, drainage, or railroad)
- ___ Are all Control Section(s) related to the project shown on each plan profile sheet.
- ___ Is the North Arrow shown with the proper scale?
- ___ Are there sufficient R/W markers? (At breaks in the Required R/W, max 1,500' on tangents and 1,000' on curves, PC, PT, etc.)
- ___ Are the limits of construction located inside of the required right of way/servitudes.
- ___ Multiple sites on a project do not have same or similar stationing.
- ___ Taking lines begin and end inside of the project limits.

ROAD DESIGN PLANS QA/QC



DOTD Project No. _____

Name: _____

Description	Designer	Reviewer	N/A
TITLE SHEET			
DOTD Project #, Name, Recall # and Parish	☐	☐	☐
The Project Length Table is accurate.	☐	☐	☐
The arrows on the Layout Map are pointing to the correct location.	☐	☐	☐
Nature of construction described	☐	☐	☐
The north arrow is shown on the Layout Map.	☐	☐	☐
Vicinity map of state in top right hand corner with parish hatched	☐	☐	☐
Sheet index on cover sheet (w/ "sheets not included" indicated as needed)	☐	☐	☐
The scale for the Layout Map is labeled correctly.	☐	☐	☐
Check title block for project info, logos, etc.	☐	☐	☐
Signature lines	☐	☐	☐
TYPICAL SECTION SHEETS			
The projects limits are covered by the typical sections.	☐	☐	☐
Superelevation diagrams and/or tables have been provided.	☐	☐	☐
All measurements, thicknesses, and slope rates have been labeled and checked (horizontal dimensions in feet, vertical dimensions in inches.	☐	☐	☐
Existing/Proposed drainage infrastructure	☐	☐	☐
Station range for each section (all stations in project should be accounted for)	☐	☐	☐
Clear Zone shown and dimensioned (case-by-case)	☐	☐	☐
Density Control (if varies from DOTD standard spec)	☐	☐	☐
Limits of erosion control	☐	☐	☐
Design data (ADT, ESALs, SN) provided	☐	☐	☐
PLAN-AND-PROFILE SHEETS			
Verify completion of items on Location and Survey Checklist	☐	☐	☐
Legend and notes shown on first sheet	☐	☐	☐

ROAD DESIGN PLANS QA/QC



Survey data shown 250'-500' past project start/end	☐	☐	☐
Large features (trees, cattle guards, shrubs, etc.) impacted by construction indicated with STA/OFF	☐	☐	☐
End on even stations every sheet	☐	☐	☐
Existing ground and proposed ground elevation shown on left and right side of vertical line of station numbers in profile	☐	☐	☐
Superelevation transition and rates are shown in the profile.	☐	☐	☐
PI/PC/PT/PCC labels of alignment and EOPs (varying widths) with small circle and thin solid line on concave side of curves	☐	☐	☐
Removal of drainage structures annotated	☐	☐	☐
Cross drains in plan view labeled with STA, structure #, size, length, material, INVs, angler of crossing if not 90, and any outlet erosion protection	☐	☐	☐
Cross drains in profile view plotted with elliptical shape and bottom at average of flow line elevations	☐	☐	☐
Catch basins in plan should indicate structure #, STA, standard plan, and INVs	☐	☐	☐
Trunkline in profile should indicate structure #, INVs, size, length, and slope	☐	☐	☐
Existing and/or proposed sanitary sewer line in profile with vertical clearance labeled	☐	☐	☐
Roadway vertical curve data with PVI STA/ELEV on convex side of curve	☐	☐	☐
Table with amount of each pipe size to be removed	☐	☐	☐
Swale/ditch/gutter line shown in profile for both sides of road	☐	☐	☐
If intersecting road/channel alignments, STA ## = STA ##	☐	☐	☐
The North Arrow is shown with the proper scale (1"=20').	☐	☐	☐
All right-of-way ties are shown, at all right-of-way breaks, and along curves as appropriate.	☐	☐	☐
Dimension lane widths, shoulder widths, r/w widths, etc. at start and end of every P&P	☐	☐	☐
Limits of construction is shown and located within required right-of-way or construction servitude.	☐	☐	☐
Taking lines do not extend beyond the project limits.	☐	☐	☐
Driveways, sidewalks, turnouts, etc. within right-of-way (either existing or required) are shown and annotated.	☐	☐	☐
All concrete/asphalt removal is shown with appropriate patterns, including driveways, sidewalks, parking lots, etc.	☐	☐	☐

ROAD DESIGN PLANS QA/QC



SUMMARY SHEETS			
Guard rail requirements and stations	☐	☐	☐
Seeding/Fertilizer/Vegetative Mulch	☐	☐	☐
Earthwork quantities	☐	☐	☐
Stations for transitions	☐	☐	☐
Stations for full roadway width	☐	☐	☐
Surface quantities	☐	☐	☐
Base course quantities	☐	☐	☐
Correct item numbers and descriptions	☐	☐	☐
REFERENCE PTS AND BENCHMARK SHEETS			
Project centerline shown	☐	☐	☐
Table of benchmarks with surveyed coordinates	☐	☐	☐
Note in first P&P sheet referencing this sheet	☐	☐	☐
EXISTING DRAINAGE AREA MAPS			
Existing drainage areas	☐	☐	☐
Table of cross drains (material, size, invert, drainage area, etc.)	☐	☐	☐
Flow direction arrows	☐	☐	☐
Surveyed linework and contours	☐	☐	☐
Aerial (case-by-case)	☐	☐	☐
DESIGN DRAINAGE AREA MAPS			
Proposed drainage areas	☐	☐	☐
Flow direction arrows	☐	☐	☐
Surveyed linework	☐	☐	☐
Proposed drainage infrastructure, design (i.e. roadway and ditch geometry, etc.), and contours	☐	☐	☐
Table of drainage inlets/culverts associated to each drainage area (ID, STA, C, A, TC, duration, intensity, Q, design headwater and tailwater, req'd structure, ex. Structure)	☐	☐	☐
Aerial (case-by-case)	☐	☐	☐
SUMMARY OF DRAINAGE STRUCTURES			
Structure number, STA, side of CL, Desc, Plan, type	☐	☐	☐
All culverts and structure types are accounted for	☐	☐	☐

ROAD DESIGN PLANS QA/QC



Culvert/structure quantities match plan and profile	☐	☐	☐
Bedding material qty matches qty summary sheet	☐	☐	☐
SPECIAL DETAILS			
Is whole sheet warranted, or can it be placed on P&P?	☐	☐	☐
Pay item established if standard pay items N/A	☐	☐	☐
GEOMETRIC LAYOUT			
Detailed intersection geometry shown with PC/PCC/PT, radius, deflection angle, etc. and other pertinent dimensions	☐	☐	☐
Driveways detailed in unusual situations	☐	☐	☐
Typical section geometry dimensions with edge of travel lane, shoulder, r/w, centerline, etc. annotated	☐	☐	☐
GRAPHICAL GRADE LAYOUT			
Graphical grade layout warranted?	☐	☐	☐
Elevations displayed at 20-25' intervals and at grade breaks	☐	☐	☐
JOINT LAYOUT			
Can joint layout and graphical grade layout be merged or even shown on P&P or somewhere else in plans?	☐	☐	☐
Label each joint and display legend with abbreviations	☐	☐	☐
PAVEMENT MARKING LAYOUT			
Pavement marking layout needed or do standard plans suffice?	☐	☐	☐
Stripe colors, types, and widths indicated with leaders	☐	☐	☐
Geometric layout of striping indicated	☐	☐	☐
SUGGESTED SEQUENCE OF CONSTRUCTION			
Arrows indicating traffic flow	☐	☐	☐
Phasing minimizes TTC layout changes	☐	☐	☐
Include construction signage if not too congested	☐	☐	☐
Detailed notes describing construction in each phase	☐	☐	☐
One phase per sheet	☐	☐	☐
RIGHT-OF-WAY MAPS			
Project centerline and alignment data shown	☐	☐	☐

ROAD DESIGN PLANS QA/QC



Existing and required r/w	☐	☐	☐
Required temporary construction servitude, drainage servitude, and/or utility servitude	☐	☐	☐
Limits of construction (LOC)	☐	☐	☐
Property owners and parcels with parcel number	☐	☐	☐
Required area of property to be acquired	☐	☐	☐
BRIDGE PLANS			
Name of stream/channel bridge is crossing	☐	☐	☐
Recall number	☐	☐	☐
Description of existing structure (LxW, spans, material, etc.)	☐	☐	☐
Existing and design low chord elevation noted	☐	☐	☐
Design water surface elevation noted	☐	☐	☐
Pile data and diagram	☐	☐	☐
Erosion protection (concrete revetment, flexible revetment, riprap, other) noted	☐	☐	☐
CROSS SECTIONS			
Profile of ground	☐	☐	☐
Proposed cross section	☐	☐	☐
Station location with offsets from centerline	☐	☐	☐
Elevation of the existing surface at centerline	☐	☐	☐
Elevation and offsets of points across the cross section such as centerline, lane lines, edge of shoulder, toe of slope, ditch bottom, etc.	☐	☐	☐
Cross drain pipes and RCBs if applicable	☐	☐	☐
1"=5' scale (preferred)	☐	☐	☐
Right-of-way and construction servitude lines are shown.	☐	☐	☐
Minimum 3 cross sections/sheet, maximum 5/sheet	☐	☐	☐
Earthwork quantities are shown.	☐	☐	☐
Proposed sections do not extend beyond Required Right-of-Way.	☐	☐	☐
CONSTRUCTABILITY REVIEW			
Complete plan constructability review form	☐	☐	☐

ROAD DESIGN PLANS QA/QC



Designer:_____

Date:_____

Reviewer:_____

Date:_____



PLAN CONSTRUCTABILITY REVIEW

DOTD PROJECT #: _____

PROJECT NAME: _____

PLAN CONSTRUCTABILITY REVIEW PURPOSE AND INSTRUCTIONS

Purpose:

- To provide information to assist in producing quality plans.
- To provide a history of information that is easily accessible.
- To provide questions to stimulate discussion of potentially problematic areas.
- To provide questions to stimulate checking details and items required to complete the project.

Instructions for Completing the Form:

- The Design Review portion of the form shall be filled out by the designer prior to 95% Final Plans submittal.
- If the Project Manager decides to have a 95% Final Plan meeting, the use of the form is not required. In lieu of the form, meeting minutes shall be taken documenting that the plans were reviewed by the District.
- The form may be filled out by any district person (ADA, Area Engineer, Lab Engineer, etc.) but the Project Engineer must sign the signature sheet that he concurs with the comments. It is encouraged that the Area Engineer and the Project Engineer both review the plans.
- The Project Engineer and any District personnel designated by the Project Engineer are responsible for reviewing the plans and filling out the review form. The Project Engineer and all reviewers must sign the signature sheet at the back of the form.
- Most questions are designed so that a “NO” answer will require comments on what is missing or needed.
- Most questions are designed so that a “YES” answer means the plans meet the project needs or that a follow up question is required.
- Comments should be shown by reference number on notes page for easy reference. (Example III-2)
- Constructability questions shall be answered/addressed prior to the Chief Engineer signing the plans. The plans should provide enough detail to construct the work required.
- Project Managers are required to respond to all comments and copy all reviewers.
- Each review is considered complete when all comments are addressed
- If question is answered N/A, question is not applicable to project.
- Comments may be required for certain checklist items. Comments are to be written at the back of the form along with reference numbers for the plan section and checklist item number.
- Project managers shall collect all review forms, insert responses to any comments and copy all reviewers.

APPLICABLE SECTION FOR REVIEW

<u>Yes</u>	<u>N/A</u>	<u>#</u>	<u>Description</u>
☐	☐	I.	TYPICAL SECTION SHEETS INFORMATION
☐	☐	II.	SUMMARY SHEETS
☐	☐	III.	PLAN-AND-PROFILE SHEETS
☐	☐	IV.	DRAINAGE
☐	☐	V.	GEOMETRIC DETAILS AND/OR STRIPING DETAILS
☐	☐	VI.	SUGGESTED SEQUENCE OF CONSTRUCTION
☐	☐	VII.	GENERAL
☐	☐	VIII.	UTILITIES
☐	☐	IX.	CROSS SECTIONS

I. TYPICAL SECTION SHEETS

DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
1. Is there an existing or grading section?	☐	☐	☐	☐	☐	☐	
a. Lane width?	☐	☐	☐	☐	☐	☐	
b. Cross slope?	☐	☐	☐	☐	☒	☐	
c. Typical existing drainage	☐	☐	☐	☐	☐	☐	
d. Station range	☐	☐	☐	☐	☐	☐	
e. Existing r/w and easements	☐	☐	☐	☐	☐	☐	
f. Earthwork and grading pay items (excavation, embankment, milling, removal of..., etc.)	☐	☐	☐	☐	☐	☐	
2. Is there a finished section?	☐	☐	☐	☐	☐	☐	
a. Lane width (indicate range of values if needed for project)	☐	☐	☐	☐	☐	☐	
b. Shoulder width	☐	☐	☐	☐	☐	☐	
c. Base course width	☐	☐	☐	☐	☐	☐	
d. Cross slope	☐	☐	☐	☐	☐	☐	
e. Foreslope/backslope	☐	☐	☐	☐	☐	☐	
f. Proposed drainage	☐	☐	☐	☐	☐	☐	
g. Hydroseeding limits	☐	☐	☐	☐	☐	☐	
h. Station range (all stations in project should be accounted for)	☐	☐	☐	☐	☐	☐	

I. TYPICAL SECTION SHEETS (CONT'D)

Proposed r/w and easements	☐	☐	☐	☐	☐	☐	
i. Materials (asphalt, base course, aggregate, etc.) and their thickness in inches	☐	☐	☐	☐	☐	☐	
j. Miscellaneous details (shoulder wedge, pavement detail, etc.)	☐	☐	☐	☐	☐	☐	

II. SUMMARY SHEETS

DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
1. Will existing ditch cleaning be required?	☐	☐	☐	☐	☐	☐	
1a. If yes, are there limits and pay items?	☐	☐	☐	☐	☐	☐	
2. Are there sufficient removal items for the types of pavement/structures being removed?	☐	☐	☐	☐	☐	☐	
3. Is method of payment for earthwork design addressed (e.g. "temporary" borrow, "additional excess", detour material, embankment, etc.)?	☐	☐	☐	☐	☐	☐	
3a. If measurement is given as a lump sum item, is an estimated quantity provided?	☐	☐	☐	☐	☐	☐	
4. Have sufficient temporary erosion control items been included?	☐	☐	☐	☐	☐	☐	
5. Are construction entrances required?	☐	☐	☐	☐	☐	☐	
5a. If yes, are the number and section shown?	☐	☐	☐	☐	☐	☐	
6. Is traffic maintenance aggregate required?	☐	☐	☐	☐	☐	☐	
6a. If yes, how much?	☐	☐	☐	☐	☐	☐	
7. Are work elements identified clearly with all corresponding pay items included with adequate quantities to construct project? (i.e. summary tables)	☐	☐	☐	☐	☐	☐	
8. Are permanent erosion and pollution control items included?	☐	☐	☐	☐	☐	☐	
9. Are sufficient temporary striping quantities provided for construction sequencing?	☐	☐	☐	☐	☐	☐	

III. PLAN AND PROFILE SHEETS

DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
1. Is there enough space for utilities within the right-of-way?	☐	☐	☐	☐	☐	☐	
2. Are right-of-way and property line dimensions shown on plans?	☐	☐	☐	☐	☐	☐	
3. Does existing horizontal or vertical clearance allow for construction?	☐	☐	☐	☐	☐	☐	
4. Will overlay affect the intersection, gutters, or curbs drainage?	☐	☐	☐	☐	☐	☐	
4a. If yes, are adjustments required?	☐	☐	☐	☐	☐	☐	
5. Are retaining walls required?	☐	☐	☐	☐	☐	☐	
5a. If yes, are details provided for the walls?	☐	☐	☐	☐	☐	☐	
6. Are encroachments on the right-of-way being addressed?	☐	☐	☐	☐	☐	☐	
7. Are existing improvements within 50' of required right-of-way shown on the plans?	☐	☐	☐	☐	☐	☐	
8. Have construction or drainage servitudes been shown?	☐	☐	☐	☐	☐	☐	
9. Are the limits of clearing, grubbing, and landscaping shown?	☐	☐	☐	☐	☐	☐	
10. Can any significant tree be allowed to remain?	☐	☐	☐	☐	☐	☐	
10a. If yes are those to remain been identified?	☐	☐	☐	☐	☐	☐	
11. Are there apparent conflicts between plans and specifications?	☐	☐	☐	☐	☐	☐	
12. Are the benchmark data, required elevations, and curve data on the plans?	☐	☐	☐	☐	☐	☐	

III. PLAN AND PROFILE SHEETS (CONT'D)

DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
13. Does location of the grade shown on the typical section (sub grade or finished) match grade shown in profile? (Check for label)	☐	☐	☐	☐	☐	☐	
14. Are vertical and horizontal limits of removal clear?	☐	☐	☐	☐	☐	☐	
14a. If yes, are the depths of embedment required excavation shown.	☐	☐	☐	☐	☐	☐	
14b. If yes, are details of removable item required?	☐	☐	☐	☐	☐	☐	
15. Do general site conditions conform to those represented in plans?	☐	☐	☐	☐	☐	☐	
16. Is existing topography accurate and up-to-date?	☐	☐	☐	☐	☐	☐	
17. Does profile fit the terrain?	☐	☐	☐				
18. Are the plan and profiles stationed correctly?	☐	☐	☐				
19. Is striping labeled correctly?	☐	☐	☐	☐	☐	☐	

IV. DRAINAGE INFORMATION							
DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
1. If subsurface drainage is being used, is there any evidence of effluent sewerage entering existing roadside ditches?	☐	☐	☐	☐	☐	☐	
1a. If yes, what is the plan of action	☐	☐	☐	☐	☐	☐	
2. Is adequate outfall information shown?	☐	☐	☐	☐	☐	☐	
3. Has sufficient drainage excavation (and/or cleaning of outfall/lateral required for adequate drainage) been shown?	☐	☐	☐	☐	☐	☐	
3a. If yes, who is cleaning laterals (City, Parish)?	☐	☐	☐	☐	☐	☐	
4. Will cleaning be required for existing drainage structures?	☐	☐	☐	☐	☐	☐	
4a. If yes, are pay items included?	☐	☐	☐	☐	☐	☐	
5. Have existing drainage patterns, their continuity, and high water indications been identified?	☐	☐	☐	☐	☐	☐	
6. Are ditches compatible with existing and proposed drainage structures?	☐	☐	☐	☐	☐	☐	
7. Are design drainage elevations shown in the plan compatible with the existing conditions?	☐	☐	☐	☐	☐	☐	
8. Is there a provision for temporary drainage?	☐	☐	☐	☐	☐	☐	
9. Is water being trapped on the lanes on travel lanes which are to be maintained during construction?	☐	☐	☐	☐	☐	☐	
10. Is there a method to connect new and existing drainage facilities?	☐	☐	☐	☐	☐	☐	

IV. DRAINAGE INFORMATION (CONT'D)

11. Is a second profile sheet required for right and left of centerline?

☐☐☐

V. GEOMETRIC DETAILS AND/OR STRIPING DETAILS

DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
1. Have all areas where improvements can be made to alignment been addressed?	☐	☐	☐	☐	☐	☐	
2. Is the required information shown on the geometric sheets (e.g. curve data, sight distance, vertical datum, centerline, etc.?)	☐	☐	☐	☐	☐	☐	
3. Are curb/edge radii given for driveways and adjacent roadways?	☐	☐	☐				
4. Are radii, transitions, and other information provided if striping does not follow geometrics?	☐	☐	☐				

VI. SEQUENCE OF CONSTRUCTION

DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
1. Is through traffic to be maintained?	☐	☐	☐	☐	☐	☐	
1a. If yes, is a pilot car or temporary detour road needed?	☐	☐	☐	☐	☐	☐	
1b. If no, is a detour route provided?	☐	☐	☐	☐	☐	☐	
2. If local traffic only, are sufficient details and items provided for school buses, mail carriers, emergency vehicles, or other local traffic to be maintained.	☐	☐	☐	☐	☐	☐	
2a. Are lanes on which traffic is to be maintained compatible with conditions?	☐	☐	☐	☐	☐	☐	
3. Is temporary sheeting required to maintain existing/required travel lanes?	☐	☐	☐	☐	☐	☐	
3a. If yes, are specifications and details provided?	☐	☐	☐	☐	☐	☐	
3b. If yes, is method of payment satisfactory?	☐	☐	☐	☐	☐	☐	
4. Are traffic control plans for the bridge coordinated with roadwork phasing?	☐	☐	☐	☐	☐	☐	
5. Are vertical transitions between new and existing roadways adequate?	☐	☐	☐	☐	☐	☐	
6. Are horizontal dimensions adequate to maintain traffic?	☐	☐	☐	☐	☐	☐	
7. Can utility crossings be resolved via scheduling restrictions (i.e. weekends, after hours) or temporary structures?	☐	☐	☐	☐	☐	☐	
8. Do utilities conflict with required special construction sequencing?	☐	☐	☐	☐	☐	☐	

VI. SEQUENCE OF CONSTRUCTION (CONT'D)

DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
9. Are traffic operations requirements properly addressed? (i.e., signing, pavement markings signal, etc.)	☐	☐	☐	☐	☐	☐	
10. Is there sufficient clearance within the work zone for the operations (such as crane swing room)?	☐	☐	☐	☐	☐	☐	
11. Are there adequate accommodations for intersecting and crossing traffic?	☐	☐	☐	☐	☐	☐	
12. Have pedestrian and bicycle accommodations been addressed?	☐	☐	☐	☐	☐	☐	
13. Has a method of containing bridge slopes during phased construction (at end bent) and approach grade separation been identified?	☐	☐	☐	☐	☐	☐	
14. Have restrictions (e.g. lane closure, general construction, night work or peak-hour restrictions in urban areas) been identified? Are there hours and restrictions shown, adequate?	☐	☐	☐	☐	☐	☐	
15. Are there notes covering traffic signal modifications for phased construction?	☐	☐	☐	☐	☐	☐	
16. Are there notes covering pay for traffic control items?	☐	☐	☐	☐	☐	☐	
17. Is the Traffic Control Plan clear, complete, and approved?	☐	☐	☐	☐	☐	☐	
18. Are items for temporary safety devices, requirements and provision (i.e. guardrail, attenuators, barrier rails, etc.)?	☐	☐	☐	☐	☐	☐	
19. Have the traffic control signs, warning devices and barricades been located?	☐	☐	☐	☐	☐	☐	

VI. SEQUENCE OF CONSTRUCTION (CONT'D)

DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
20. Are the correct TTC standard plans specified?	☐	☐	☐	☐	☐	☐	
21. Are construction notes clear and understandable?	☐	☐	☐	☐	☐	☐	
22. Is surface preparation needed for construction?	☐	☐	☐	☐	☐	☐	
22a. If so, is a pay item included?	☐	☐	☐	☐	☐	☐	
23. Is the Special Provision for Public Convenience and Safety necessary for project completion?	☐	☐	☐	☐	☐	☐	
24. Has all temporary shoring for phased construction been covered adequately?	☐	☐	☐	☐	☐	☐	

VI.A. SCHEDULING & PHASING							
1. Is scheduling and phasing coordinated with activity needs? (Schools, festivals, harvesting, parallel routes, etc.)	☐	☐	☐	☐	☐	☐	
2. Will staging areas be provided to contractors that will accommodate the sequence of work and work areas?	☐	☐	☐	☐	☐	☐	
3. Is the type and limits of fence for temporary construction servitude identified?	☐	☐	☐	☐	☐	☐	
4. Have requirements for local/state/federal special permits been addressed?	☐	☐	☐	☐	☐	☐	
5. Is safe pedestrian access and access to business and residences provided?	☐	☐	☐	☐	☐	☐	

VI.B. DETOURS							
1. Is detour facility clearly depicted?	☐	☐	☐	☐	☐	☐	
2. Do the detour limits conflict with roadway improvements?	☐	☐	☐	☐	☐	☐	
3. Is method of payment for detour satisfactory?	☐	☐	☐	☐	☐	☐	
4. Is traffic addressed on side streets?	☐	☐	☐	☐	☐	☐	

VII. GENERAL							
DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
1. Is the existing structure shown?	☐	☐	☐				
2. Are all conflicts identified in the plans?	☐	☐	☐				
3. Are appropriate general notes and special provisions required for construction provided?	☐	☐	☐				
4. Is there adequate construction access for demolition?	☐	☐	☐	☐	☐	☐	
5. Are there adequate provisions if signs or road markers are to be removed?	☐	☐	☐	☐	☐	☐	
6. If there is a contamination site, have utility relocations been addressed?	☐	☐	☐	☐	☐	☐	
7. Does the Corp permit require work not shown on plans?	☐	☐	☐	☐	☐	☐	
8. Do conflicts exist between landscaping and planting requirements with utilities (e.g. irrigation lines) and billboards?	☐	☐	☐	☐	☐	☐	
9. Is there sufficient space (25'-30') for power mowers between additional trees that are planted?	☐	☐	☐	☐	☐	☐	
10. Are there any special sampling requirements needed for any NS items?	☐	☐	☐	☐	☐	☐	
11. Is the depth at the site of sufficient depth to float barges?	☐	☐	☐	☐	☐	☐	
12. Is the district in agreement with the location of the materials to be salvaged?	☐	☐	☐	☐	☐	☐	
13. Is RAP to be retained by DOTD or another LPA?	☐	☐	☐	☐	☐	☐	
13a. If so, where to store the RAP?	☐	☐	☐	☐	☐	☐	

VII. GENERAL (CONT'D)

DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
14. Are pre-cast barrier needed?	☐	☐	☐	☐	☐	☐	
14a. If so, are they DOTD or contractor provided?	☐	☐	☐	☐	☐	☐	
14b. If DOTD provided, where are they stored?	☐	☐	☐	☐	☐	☐	
15. Is a field lab necessary for project completion?	☐	☐	☐	☐	☐	☐	
15a. Is it an equipped or non-equipped lab?	☐	☐	☐	☐	☐	☐	
16. Are any mailboxes to be removed/replaced?	☐	☐	☐	☐	☐	☐	
16a. Are there any brick mailboxes within the project limits to be replaced?	☐	☐	☐	☐	☐	☐	
17. Are clearing and grubbing limits shown?	☐	☐	☐	☐	☐	☐	
17a. Is burning allowed?	☐	☐	☐	☐	☐	☐	

VIII. UTILITIES							
DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
1. Are all the utility owners with contact numbers listed?	☐	☐	☐	☐	☐	☐	
2. Are the existing utility locations marked in the plans?	☐	☐	☐	☐	☐	☐	
3. Are the utility conflict boxes and their location noted on the plans?				☐	☐	☐	
4. Are all oil or gas wells on the project shown on the plans?				☐	☐	☐	
5. Will there be disruptions of utilities and provisions for restoration?				☐	☐	☐	
6. If utilities are outside of limits of construction but within the r/w, have all parties (including utility owners) agreed to allow them to remain in-place?	☐	☐	☐	☐	☐	☐	
7. Are there overhead utilities, guy wires, etc. in potential conflict with operations and access of large equipment?				☐	☐	☐	
8. Are there conflicts between gravity and force sewer mains and construction?	☐	☐	☐	☐	☐	☐	
8a. If yes for force main, is there a utility agreement for relocation?	☐	☐	☐	☐	☐	☐	
8b. If yes for gravity sewer, are plans included for relocation of sewer?	☐	☐	☐	☐	☐	☐	
9. Are there utility conflicts with drainage?				☐	☐	☐	
10. If project is preceded by clearing and grubbing contract, have utilities been relocated?				☐	☐	☐	

VIII. UTILITIES (CONT'D)							
DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
11. If there are pipelines, are they shown in the profile?	☐	☐	☐	☐	☐	☐	
12. Is there is a need for a specified utility corridor?	☐	☐	☐	☐	☐	☐	
12a. If yes, is it shown?	☐	☐	☐	☐	☐	☐	
13. Should an integrated utility relocation plan (scheduling and final location of utilities) be included in the construction plans?	☐	☐	☐	☐	☐	☐	
13a. If yes, is the integrated utility relocation plan included in the construction plans?	☐	☐	☐	☐	☐	☐	

IX. CROSS SECTIONS							
DESCRIPTION	DESIGN REVIEW			DISTRICT REVIEW			COMMENTS
	N/A	YES	NO	N/A	YES	NO	
1. Required Right-of-way, easements, construction servitudes shown	☐	☐	☐	☐	☐	☐	
2. Earthwork quantities	☐	☐	☐	☐	☐	☐	
3. Proposed sections do not extend beyond required r/w	☐	☐	☐	☐	☐	☐	
4. Existing r/w	☐	☐	☐	☐	☐	☐	
5. Cross slopes	☐	☐	☐	☐	☐	☐	
6. Minimum 3 cross sections per sheet	☐	☐	☐	☐	☐	☐	
7. Finished section displayed in section	☐	☐	☐	☐	☐	☐	
8. STA/OFF labels	☐	☐	☐	☐	☐	☐	
9. Drainage infrastructure	☐	☐	☐	☐	☐	☐	



APPENDIX E

QA/QC Certification

Project No: _____

Project Name: _____

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

[Submittal Description]

Supervisor and Team Leader Name	Signature	Date
---------------------------------	-----------	------



APPENDIX F

Final Calculation Book
Checklist

The final calculation book for each project shall include, but not limited to the following sections:

1. Cover Sheet
 - a. DOTD Project Number
 - b. Project Name
 - c. EOR seal with signature and date
2. Final Calculation Book Check List
3. QA/QC Certifications
4. Design Criteria
5. Final Hydraulic Analysis Report from Hydraulic Engineer
6. Final Geotechnical Analysis Report from Geotechnical Engineer
7. Superstructure Design Calculations
8. Substructure Design Calculations
9. Quantity Calculations
10. Special Provisions/NS-Items
11. Engineer's Opinion of Probable Construction Cost
12. As-Designed Rating Report

Consultants shall submit the final calculation book to LADOTD bridge Task managers; the submittal shall be on a CD or Flash Drive or placed to a designated Project Wise folder and include the following information:

1. A PDF File of the Calculation Book
2. All Electronic Design Files
3. A PDF File of the As-Designed Rating Report Only

The final calculation book for in-house projects shall include the same files above for consultant projects, the final calculation book and other final design documents for all projects including in-house and consultant projects shall be uploaded to the archiving location designated in the record retention policy within 30 calendar days after the stamped final plans are delivered.

22. Sub-consultant information:

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

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
SJB Group, L.L.C.	5344 Brittany Drive Baton Rouge, LA 70808	Ralph D. Burgess, PLS Ralph.Burgess@sjbgroup.com	225-508-7217
Neel-Schaffer, Inc.	10000 Perkins Rowe, Suite G360, Baton Rouge, LA 70810	Nick Ferlito, Jr., PE, PTOE nick.ferlito@neel-schaffer.com	225-924-0236
Huval & Associates, Inc	922 W. Pont Des Mouton Rd. Lafayette, Louisiana 70507	Colby Guidry – PE cguidry@huvalassoc.com	337-234-3798

23. Location:

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**