

# STAGE 0 FEASIBILITY STUDY BARTON AVENUE (LA 3060) CORRIDOR BIKE AND PEDESTRIAN ACCESSIBILITY STUDY

RPC Task No. A-1.26STC; FY-26 UPWP  
September 23, 2025



**BAYOU ROUGE** Environmental & Planning

In partnership with:



Image of Mississippi River  
Path from the 2025  
Ascension Parish Small Area  
Plan

Photo credit:  
Ascension Droneworks

**Proposal Name:** Proposal for Stage 0 Feasibility Study – Barton Avenue (LA 3060) Bicycle and Pedestrian Accessibility Study

September 23, 2025

Dear New Orleans RPC Review Team,

On behalf of Bayou Rouge Environmental and Planning, LLC (Bayou Rouge) and WSP USA, we are pleased to submit our proposal response for the Stage 0 Feasibility Study of Barton Avenue (LA 3060). Bayou Rouge is a Southeast Louisiana consulting firm, 100% woman-owned, with a proven record of combining rigorous data analysis, inclusive public engagement, and practical planning expertise to further vibrant community development. Our partner, WSP USA is a global consulting firm with a strong local presence in Southeast Louisiana, bringing resilient solutions in transportation planning.

Bayou Rouge will lead the project management, planning, data, and engagement components of this study, while WSP will provide the engineering, traffic analysis expertise, and concept designs. This partnership ensures a balanced approach that integrates feasibility, constructability, and public priorities. Together, we are committed to delivering a study that not only meets RPC's Stage 0 requirements but also lays the foundation for resilient, accessible, and implementable improvements. We are proposing this project at \$135,250 with 51% of the total cost allotted to Bayou Rouge, a DOTD certified DBE.

We understand the importance of this bike and pedestrian corridor to the residents of St. Charles Parish and the broader regional network. We are prepared to meet the scope, budget, and eight-month timeline outlined in the RFP. Our proposal details our qualifications, approach, and methodology, as well as the experience of key personnel who will ensure the success of this study.

Thank you for the opportunity to be considered. Bayou Rouge and WSP look forward to the possibility of working alongside RPC and St. Charles Parish to advance this important project! Please feel free to contact us directly with any questions.

Sincerely,



Maggie Gleason, AICP, CFM  
Maggie@BayouRougeEP.com  
(985) 778-5256



Savannah R. Morales, PWS  
Savannah@BayouRougeEP.com  
(225) 385-3403

# **DOTD FORM: 24-102**

## **PROPOSAL TO PROVIDE CONSULTANT SERVICES**

|   |  |
|---|--|
| <b>1.</b> Contract Name as shown in the advertisement   | Stage 0 Feasibility Study Barton Avenue (LA 3060) Corridor Bicycle and Pedestrian Accessibility Study (US 90 to LA 18) Luling, Louisiana |
| <b>2.</b> Contract Number(s) as shown in the advertisement  | RPC Task No. A-1.26STC; FY-26 UPWP   |
| <b>3.</b> State Project Number(s), if shown in the advertisement  | n/a  |
| <b>4.</b> Prime consultant name   | Bayou Rouge Environmental & Planning, LLC  |
| <b>5.</b> Prime consultant license number   | n/a  |
| <b>6.</b> Prime consultant mailing address  | 3346 Drusilla Lane, Suite A, Baton Rouge, LA 70809   |
| <b>7.</b> Prime consultant physical address   | 3346 Drusilla Lane, Suite A, Baton Rouge, LA 70809   |
| <b>8.</b> Name, title, phone number, and email address of prime consultant's contract point of contact          | Maggie Gleason, Owner/Urban Planner, 985-778-5256,<br>Maggie@BayouRougeEP.com  |
| <b>9.</b> Name, title, phone number, and email address of the official with signing authority for this proposal | Maggie Gleason, Owner/Urban Planner, 985-778-5256,<br>Maggie@BayouRougeEP.com  |

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

*Maggie Gleason*

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

Date: 09/23/2025

**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:

**BAYOU** Environmental  
**ROUGE** & Planning

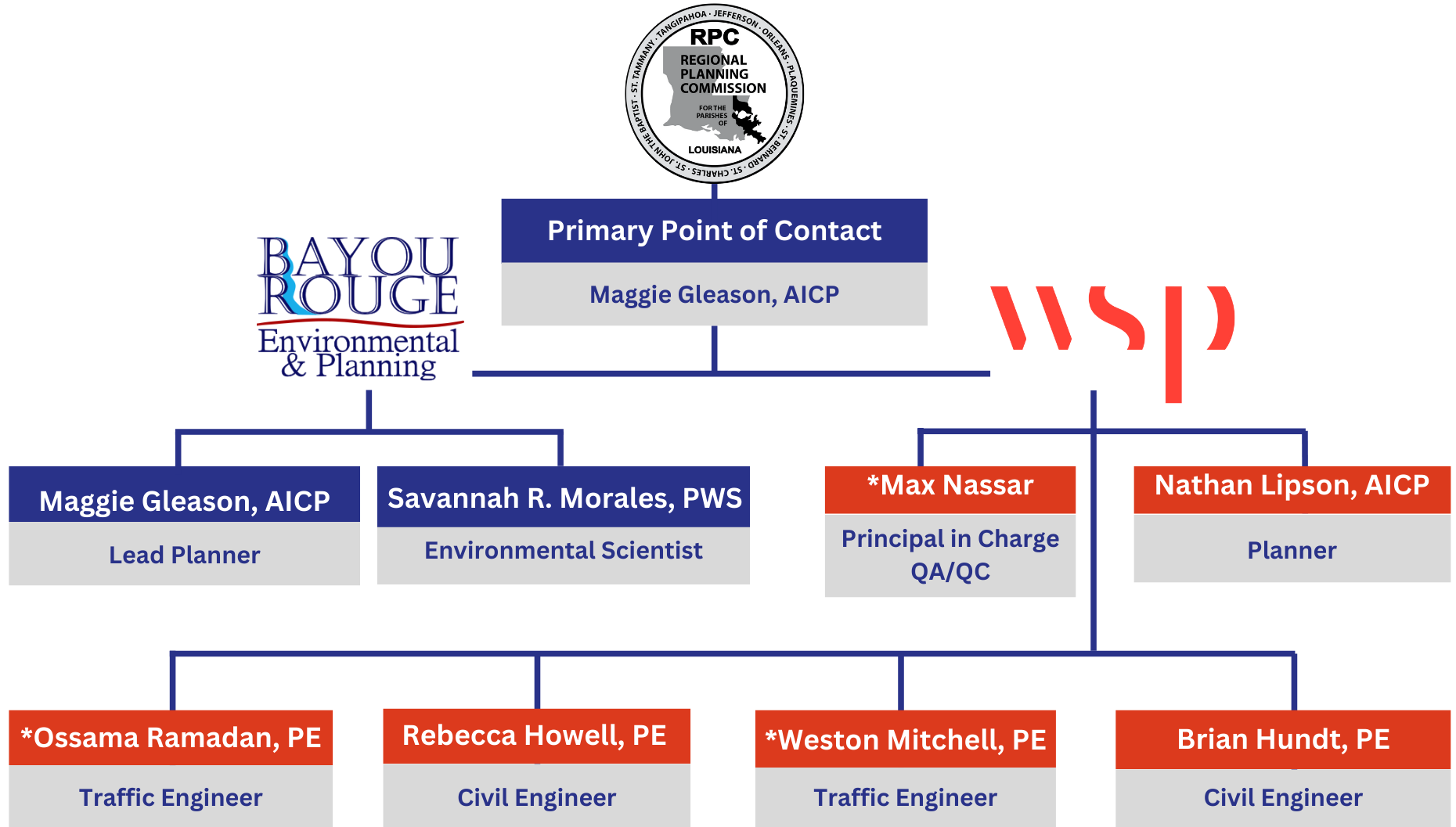
Firm%:

51%

**12. Discipline Table:** N/A








**13. Firm Size:** N/A

14. Organizational Chart:





\*Indicates traffic engineering analysis and/or QC


**15. Minimum Personnel Requirements:**

| MPR No. | Personnel being used to meet the MPR               | Firm employed by   | Type of license and discipline meeting MPR/ certification & number  | State of license                             | License / certification expiration date  |
|---------|--|--|---|--|--|
| 1       | Maggie Gleason, AICP, CFM - Planner                |    | American Institute of Certified Planners #32372   | n/a  | 09/30/2026   |
| 2       | Savannah R. Morales, PWS – Environmental Scientist |    | Professional Wetland Scientist #3627  | n/a  | 01/29/2028   |
| 3       | Nathan Lipson, AICP – Planner                      |    | American Institute of Certified Planners #323708  | n/a  | 03/31/2026   |
| 4       | Brian Hundt, PE – Civil Engineer                   |    | PE # 0039459 - Civil  | LA   | 09/30/2025   |
| 5       | Rebecca Howell, PE – Civil Engineer                |    | PE # 00422559 - Civil<br>PE # 34228 - Civil   | LA<br>MS                                     | 09/30/2026<br>12/31/2025   |
| 6       | Ossama Ramadan, PE – Traffic Engineer              |    | PE # 51719 - Civil<br>PE # 90343 - Civil<br>PE # 54753 - Civil<br>PE # 33347 - Civil<br>PE # 43893 - Civil<br>PE # 60847 - Civil<br>PE # 29266 - Civil<br>PE # 132058 - Civil | AL<br>FL<br>GA<br>KY<br>LA<br>MN<br>NV<br>TX | 12/31/2025<br>02/28/2027<br>12/31/2025<br>06/30/2026<br>03/31/2026<br>06/30/2026<br>12/31/2025<br>09/30/2026 |
| 7       | Weston Mitchell, PE – Traffic Engineer             |  | PE # 0050584 - Civil  | LA   | 03/31/2026   |



**16. Staff Experience:**

|  |                |   |   |    |
|--|----------------|---|---|----|
| Firm employed by                |                |   |   |    |
| Name   | Maggie Gleason |   | Years of relevant experience with this employer     | 2  |
| Title  | Urban Planner  |   | Years of relevant experience with other employer(s) | 18 |
| Degree(s) / Years / Specialization   |                | BS/2006/ Urban Planning and Studies   |   |    |
| Active registration number / state / expiration date   |                | AICP Certified Planner # 32372 / 9-30-2026  |   |    |
| Year registered  | 2020           | Discipline  | Planning  |    |
| Contract role(s) / brief description of responsibilities   |                | Lead Planner  |   |    |
| <br>Experience & qualifications |                | <p>Maggie is a certified planner with broad experience in land use, transportation planning, and environmental planning. She has specialized expertise in community development, economic development, urban forestry, and stakeholder engagement. Prior to working in the private sector as a consultant, she began her career serving the public for the City of Mandeville as the Urban Forestry Planner, implementing several nature-based projects. She then moved on to East Baton Rouge Parish's Long-Range Planning Division. In this role, she led numerous land use and planning studies and managed a staff of five. Maggie will leverage her planning experience to ensure the Barton Corridor study is actionable, feasible, and reflects the voice of the Luling/St Charles Parish community. Below is a snapshot of relevant projects.</p> |   |    |
| 01/25-09/25  |                | <p><b>Ascension Parish West Bank Small Area Plan</b> Maggie served as the <b>Lead Planner</b> in creating a neighborhood-scale comprehensive land use plan for the Parish's planning department. She coordinated multiple stakeholder meetings and events which included 3 steering committee meetings, 3 public open house events, 15 telephone interviews, and bi-weekly meetings with the client.</p>  |   |    |
| 12/25 – On-going   |                | <p><b>East Baton Rouge Parish Mayor's Office of Community Development's HUD 2025-2029 Consolidated Plan and 2025 Annual Action Plan</b> Maggie served as the <b>Lead Planner</b> for coordinating the 5-Year HUD Consolidated Plan. She organized the 4 focus groups, the 2 open houses, attended all public hearings, and interfaced with HUD Federal Program managers to ensure a smooth planning process and on-time delivery of the two plans. Coordinated with the client and subconsultant to ensure an accessible project website kept stakeholders informed and empowered. <a href="http://Brla.gov/CommunityPlan">Brla.gov/CommunityPlan</a></p>   |   |    |
| 03/25-06/25  |                | <p><b>Town of Franklinton Zoning and Master Plan Consent Decree</b> Assisted the prime consultant firm as a <b>Senior Planner</b>, providing capacity to stakeholder engagement, meeting facilitation, and land use expertise for the Town's Zoning update and Master Plan composition.</p>   |   |    |
| 11/17-12/18  |                | <p><b>2018 FUTUREBR Update/ East Baton Rouge Parish</b> Role was the <b>Senior Planner</b> of the first 5-year update to the Parish's comprehensive plan. Led the community engagement events, website updates, marketing material, social media blasts and maps. In total, 12 community engagements and workshops were held around the Parish, with Maggie leading the long-</p>   |   |    |



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|               | range staff in analyzing the outcomes and feedback into action items for implementation. She led the data collection and narrative composition of the environment, parks and recreations and transportation elements of the plan.   |
| 07/22- 12/23  | <b>HUC 12 EPA Framework Watershed Management Plan - Hancock County, MS Senior Planner</b> on an interdisciplinary team in the creation of a watershed management plan for a Mississippi coastal county. Role included data analysis of water quality and pollutants, non-structural management measures, identification of funding sources, creation of stakeholder engagement tools, and outreach and education components.  |
| 10/23 – 12/23 | <b>NRCS Watershed Plan Environmental Assessment, Rawls Springs, MS Senior Planner</b> on a Federal USDA/NRCS project in a rural, low-income area of Mississippi with major flooding issues. Role included the creation of a Public Participation Plan to ensure a broad range of community engagement through multi-modes of communication including in-person, web-based, and written.   |
| 12/17- 05/22  | <b>East Baton Rouge Complete Streets Advisory Committee</b> Staffed the monthly 21-member Complete Streets Advisory Committee as the <b>Planning Manager</b> while working at the Planning Commission. Highlights from this role include working across Parish agencies to establish and report yearly complete streets metrics, coordinating with the consultants to create, pass, and implement the 2020 EBR Pedestrian and Bicycle Master plan, and successfully re-applying to the League of American Bicyclist for EBR to maintain their “Bike Friendly City” designation. |
| 02/18-5/22    | <b>Historic Lincoln Hotel East Baton Rouge Parish</b> Served as the <b>Planning Manager</b> coordinating with EPA and LDEQ to assess and plan for the revitalization of an historic black history site in downtown Baton Rouge. Worked with a local developer and environmental consultants to locate funding sources for putting this building back into productive use. Coordinated to provide a Phase I, lead based-paint and asbestos report, Phase II, and funding from a revolving loan program for clean-up.   |
| 03/18-12/18   | <b>Plank Road Multi-Site Brownfield Inventory/ East Baton Rouge Parish</b> Role as <b>Planning Manager</b> who coordinated with the redevelopment authority of Baton Rouge, EPA, LDEQ and environmental consultants to create a corridor study of vacant, blighted sites with potential contamination. Led the community engagement to report findings and resources for brownfield redevelopment.  |
| 12/14-5/15    | <b>Mandeville 190-East Causeway Triangle Landscape Project</b> As the Urban Forestry/Landscape <b>Planner</b> , worked with Parks and Parkways Commission, DOTD, landscape architects and the Causeway Commission to turn a vacant, unused parcel of state land into a low-maintenance butterfly and wildflower preserve, which also served to calm traffic.  |

| Firm employed by   |                                      |   |   |   |
|--|--------------------------------------|---|---|---|
| Name   | Savannah R. Morales, PWS             |   | Years of relevant experience with this employer               | 2 |
| Title  | Environmental Scientist/Data Analyst |   | Years of relevant experience with other employer(s)           | 6 |
| Degree(s) / Years / Specialization   |                                      | B.S. Renewable Natural Resources – Wetland Science / 2017 / LSU      Minor: Fine Arts<br>M.S. Renewable Natural Resources – Watershed Management / 2019 / LSU   |   |   |
| Active registration number / state / expiration date   |                                      | 3627 / LA / 1/29/2028   |   |   |
| Year registered  | 2023                                 | Discipline  | Professional Wetland Scientist – Society of Wetland Scientist |   |
| Contract role(s) / brief description of responsibilities   |                                      | Lead Environmental Scientist  |   |   |
| <br>Experience and qualifications |                                      | <p><b>Savannah will be the lead scientist and data analyst</b> for all tasks related to natural resources, demographics, mapping, data inventory, and cultural resources. Savannah is a Professional Wetland Scientist with over eight years of experience focusing on environmental science, spatial analysis and GIS, data analysis, technical writing, and graphic arts. She brings these skills to the Barton Corridor Study, ensuring science and data are integrated into the implementation and community engagement. Savannah has a passion for nature-based solutions and incorporating green elements into plans.</p> |   |   |
| 01/25 – 09/25  |                                      | <p><b>Ascension Parish West Bank Small Area Plan – Environmental Scientist/Data Analyst:</b> Savannah served as the sole Environmental Scientist, Data Analyst, and GIS Specialist for this project. Savannah was responsible for The project was a small area plan focused on some unincorporated areas on the West Bank within Ascension Parish in preparation for large industry additions and expansions.</p>   |   |   |
| 01/25 - Ongoing  |                                      | <p><b>Baton Rouge City-Parish Mayor’s Office of Community Development’s 2025-2029 Consolidated Plan and FY 2025 Annual Action Plan– Data Analyst:</b> Savannah served as the lead Data Analyst for this project. She was responsible for gathering, analyzing, and presenting/mapping data such as local demographic data and profiles, community assets (i.e. grocery stores, libraries), crime data, blight data, 311 call report data, crosswalk and pedestrian safety data from previous plans, and other spatial data.</p>   |   |   |
| 06/25-09/25  |                                      | <p><b>City of Central, LA Future Land Use– GIS Specialist:</b> Savannah served as the GIS specialist for the City of Central 2025 Master Plan update. She created the Future Land Use Map, existing land use maps, demographic maps, environmental and natural resource maps, community engagement materials, and a dashboard for City staff and elected officials to compare the previous 2010 Future Land Use map with the updated 2025 Future Land Use map.</p>  |   |   |
| 12/24- Ongoing   |                                      | <p><b>Town of Franklinton Consent Decree– GIS Specialist:</b> Savannah served as the GIS specialist for the Town of Franklinton Consent Decree Master Plan Update. Savannah created the zoning maps for the town to comply with federal consent decree requirements. Other background maps such as demographics, population trends, natural resources, and community engagement materials were created. The project is ongoing until the federal review process is complete.</p>  |   |   |



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| 8/25- Ongoing | <b>City of Grambling Master Plan Update– GIS Specialist:</b> Savannah served as the GIS Specialist for the City of Grambling 2025 Master Plan update. She analyzed existing zoning and existing land use, created an existing land use map, natural resource maps including watersheds, hydrologic features, wetlands, population, soils, and National Land Cover Dataset maps.   |
| 08/24-10/24   | <b>Wetland Delineation &amp; Threatened and Endangered Species Survey– Environmental Scientist:</b> Savannah served as a field lead for a large-scale, approximately 2,000-acre wetland delineation and threatened and endangered species survey in Calcasieu Parish, LA.   |
| 05/24         | <b>Wetland Delineation &amp; Threatened and Endangered Species Survey– Environmental Scientist:</b> Savannah performed wetland delineation, endangered species survey, wrote the technical report, and drafted associated maps for a private landowner in Iberville Parish, LA.   |
| 06/23         | <b>Texas Flat Subdivision Stormwater Improvements– Environmental Scientist:</b> This project was a stormwater improvement project in a subdivision in coastal Mississippi for a stormwater improvement project in Hancock County, Mississippi. Savannah served as the permitting specialist, GIS specialist, and lead environmental scientist for this project. This project involved multiple wetland delineations and threatened and endangered species surveys and the associated permitting at the federal and state level. |
| 05/23         | <b>Wetland Delineation &amp; Threatened and Endangered Species Survey– Environmental Scientist:</b> Savannah served as the project manager, environmental scientist, GIS specialist, and permitting specialist for this wetland delineation for Allen and Hoshall at the Jackson-Medgar-Wiley Evers International Airport.  |
| 02/23-03/23   | <b>Special Management Area Plan Proposal– Environmental Scientist:</b> Savannah served as the project manager, environmental scientist, and technical writer for the proposal and application preparation to a small area plan creation and providing technical assistance. The proposal was presented to the Mississippi Advisory Committee on Marine Resources and was well received. The project was done for the Hancock County Port and Harbor Commission.   |
| 02/23-06/23   | <b>U.S. Army Corps of Engineers Section 214 Agreement Request– Environmental Scientist:</b> Savannah served as an environmental scientist and technical writer for the development of a Section 214 Agreement request to the U.S. Army Corps of Engineers on behalf of the Hancock County Port and Harbor Commission.   |
| 06/22-07/22   | <b>Jackson County Stormwater Management– Environmental Scientist:</b> Savannah served as an Environmental scientist working to develop stormwater management plans for watersheds within Jackson County. This project included data mining, GIS analysis, data management, and technical writing.   |
| 07/2020       | <b>City of Gretna HUD Environmental Assessment– GIS Specialist:</b> Savannah served as the GIS specialist for a HUD required Environmental Records Review done for the City of Gretna, LA.  |

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| Firm employed by:               |   |   |   |   |
| Name   | Nathan Lipson, AICP                         |   | Years of relevant experience with this employer     | 3 |
| Title  | Senior Environmental/Transportation Planner |   | Years of relevant experience with other employer(s) | 9 |
| Degree(s) / Years / Specialization   |   | MS / 2017 / Sustainable Real Estate Development – Tulane University<br>BA / 2016 / Urban Planning – University of Illinois at Urbana-Champaign  |   |   |
| Active registration number / state / expiration date   |   | AICP Certified Planner # 323708 / 03/31/2026  |   |   |
| Year registered  | 2022  | Discipline  | Transportation, Environmental                       |   |
| Contract role(s) / brief description of responsibilities   |   | Planner   |   |   |
| <br>Experience & Qualifications |   | <p>Nathan is a Senior Environmental and Transportation Planner with 9 years of experience delivering planning consulting services to clients. They have managed client needs, employed creative solutions, and identified actionable initiatives through strategic planning, consulting, and funding services. Nathan serves as WSP’s planning lead for Louisiana, and has supported numerous planning initiatives for public agencies of various sizes, focus areas, and levels of expertise.</p>  |   |   |
| 08/24 - Ongoing  |   | <p><b>Universal Accessibility Study, New Orleans, LA: Project Manager.</b> Nathan serves as Project Manager for the RTA’s Universal Accessibility Study. This project scope is for a gap analysis identifying where the RTA is falling short in its offerings across all modes of transit as well as in all interactions with its customers. This required a thorough review of USDOT and ADA requirements, as well as a robust public outreach targeting populations most impacted by a lack of accessibility infrastructure and policy. Once gaps are identified, the scope also includes a prioritized list of solutions using a methodology that WSP develops to consider more than just cost in determining which projects rank high or low in terms of their ability to improve accessibility. This project is ongoing with an estimated completion date of May 2026.</p> |   |   |
| 7/24-8/25  |   | <p><b>Truck Traffic Study, Port of South Louisiana, Reserve, LA: Project Manager.</b> Nathan served as the Project Manager for the Truck Traffic Study and was instrumental in initiating it. Recognizing that trucks are the primary landside transport method at Globalplex, he proposed the study under WSP’s master contract to address connectivity challenges and support future capital planning and grant applications. His strategic insight helped position the study as a foundational tool for long-term infrastructure improvements. <i>See full project description in Section 17.</i></p>  |   |   |
| 07/24 - Ongoing  |   | <p><b>Master Plan and Zoning Code Update, Livingston Parish, LA: Project Manager.</b> Nathan serves as Project Manager for the full update of Livingston Parish’s Master Plan and zoning regulations. The project includes extensive public outreach to shape a</p>   |   |   |



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|                 | community driven vision addressing transportation, housing, recreation, and infrastructure. Nathan’s leadership supports the Parish’s goal of managing development pressures and lifting its current moratorium through a comprehensive and implementable plan. <i>See full project description in Section 17.</i>  |
| 07/23 - Ongoing | <b>Areas of Persistent Poverty (AoPP) Project, Capital Area Transit System (CATS), Baton Rouge, Louisiana: Transportation Planner.</b> As part of an FTA grant targeting areas of persistent poverty (AOPP), this project aims to improve transit access across 41 census tracts. Currently WSP is in the early stages of this project, conducting an in-depth evaluation of existing transportation infrastructure and having developed robust public outreach materials with the assistance of stakeholders. The results of our public outreach and a review of best practices will result in a list of recommendations for the agency to pursue to improve transit service in these AoPP.  |
| 01/19-10/19     | <b>Economic Impact Analysis of US-90 Corridor, St. Charles Parish: Transportation Planner.</b> St. Charles Parish procured an analysis of its US-90 and BNSF Railroad corridor in the parish in the context of understanding the cost-benefit for levee construction which would protect this corridor. Nathan was responsible for analyzing the US-90’s use as a hurricane evacuation corridor; he developed a defensible economic cost associated with the loss of this corridor as it relates to hurricane evacuation. Nathan interviewed local officials in St. Charles Parish who had experience with regional evacuation and return before and after Hurricane Katrina. Nathan presented these findings to the Army Corps of Engineers on behalf of the Parish.   |
| 12/16 – 04/23   | <b>On-Call Planning Services, New Orleans Aviation Board (MSY): Transportation Planner.</b> Nathan worked on various projects for the Louis Armstrong New Orleans International Airport (MSY) over six years. Nathan was part of a team responsible for tracking project funding associated with the Passenger Facility Charge (PFC) program via the Federal Aviation Administration (FAA). Nathan prepared two PFC applications for MSY’s PFC program. Following the opening of the North Terminal in 2019, the \$1.6 billion “MSY Next” capital investment program focused on intermodal connectivity. This contract involved the management and support of subcontractors for environmental (NEPA) analysis and traffic engineering, the production of feasibility analyses for capital planning, and grant application preparation. |
| 10/17 - 10/18   | <b>Transportation Resilience Plan, New Orleans Regional Planning Commission (RPC): Deputy Project Manager.</b> RPC procured an analysis of preparedness for sustainability in the region. This interagency effort required outreach to all relevant agencies including public works, public safety/police, flood management and drainage, emergency preparedness, and more. Nathan was responsible for outreach to project stakeholders as well as organizing meetings on behalf of the RPC.  |

|   |                                   |  |   |    |
|---|-----------------------------------|--|---|----|
| Firm employed by:  |                                   |  |   |    |
| Name  | Rebecca Davezac Howell, PE        |  | Years of relevant experience with this employer     | 3  |
| Title   | Sr. Lead Water Resources Engineer |  | Years of relevant experience with other employer(s) | 15 |
| Degree(s) / Years / Specialization  |                                   | BS, Civil Engineering, Louisiana State University<br>BS, Atmospheric Science, University of Louisiana at Monroe  |   |    |
| Active registration number / state / expiration date  |                                   | PE. 0042559 / LA / 09/30/2026  |   |    |
| Year registered   | 2018                              | Discipline   | Civil Engineer                                      |    |
| Contract role(s) / brief description of responsibilities  |                                   | Utilities  |   |    |
| <br>Experience     |                                   | <p>Rebecca Davezac Howell is a civil engineer with consulting experience in engineering, design, and project management. She is committed to providing quality service to stakeholders for the design, management, bidding/contracting and construction administration for a broad range of civil engineering projects. As project manager, she is responsible for project planning, delegating, and organizing resources as well as tracking costs and managing budgets for multiple engineering projects as well as managing design teams and sub-consultants while leading complex projects. Rebecca's project experience includes water distribution system design, sanitary and storm water collection systems, drainage impact analysis, HEC-RAS modeling (1D and 2D), sanitary sewer lift station and force main design, off-system bridge replacements, subdivision, and commercial site design.</p> |   |    |
| 03/24- Ongoing  |                                   | <p><b>Richmond Layover Facility, Virginia Passenger Rail Authority, CSXT CA-Line Fulton Yard, Richmond, VA, Project Engineer.</b> Project Engineer for preliminary engineering on a 4 track Amtrak Level II layover facility at CSXT's Fulton Yard in Richmond, VA. The project contains 3 layover tracks and 1 service platform, with 1 future track and a future service platform. Rebecca's role on the project is hydrologic and hydraulic analysis and design lead. H&amp;H design is in accordance with current, state, and Commonwealth of VA regulations and AREMA Manual regarding drainage and stormwater management. Project elements include hydrologic analysis for the 2 – 100 year storm events, pond design, and subsurface drainage improvements. This project is anticipated to move into the final design phase in early 2025.</p>  |   |    |
| 7/24-8/25   |                                   | <p><b>Truck Traffic Study, Port of South Louisiana, Reserve, LA. Lead Engineer on the POSL Program Management Contract.</b> Coordinated with design teams to ensure the traffic study aligned with future development plans at Globalplex. Her role involved translating the study's findings into actionable design strategies that accommodate tenant needs and anticipated growth, helping bridge engineering analysis with practical implementation. <i>See full project description in Section 17.</i></p>  |   |    |
| 01/21 – 05/24   |                                   | <p><b>Louisiana Watershed Initiative Iberville Parish White Castle Drainage Improvements, White Castle, LA, Engineer/Technical QA/QC.</b> WSP is a subconsultant performing channel improvement design, development of plan and profiles and technical oversight for the LWI (Louisiana Watershed Initiative)- CDBG Grant funded White Castle Drainage Improvements Project. This project consists of the removal of accumulated sediment for approximately 4.5 miles of the channel bottom and immediate</p>  |   |    |



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|                 | adjoining side slope to match historical grade lines. The project includes the removal of siltation above historical channel bottom grade lines and settled eroded materials on the bottom of the channel and disposal of excavated soils.  |
| 04/21 - Ongoing | <b>Program Management, Port of South Louisiana, Board of Commissioners Port of South Louisiana, St. Charles, St. James and St. John Parishes, Louisiana LA. USA, Project Manager/Project Engineer.</b> The Program Management assignment includes but is not limited to oversight of the Master and Strategic Planning efforts including implementation, Grants Application and Management, Procurement Support including Assessment of Consultant Capabilities, Alternative Delivery and Public Private Partnerships, Design Management and Construction Administration through the life of the contract. The Program also includes the creation of a Project Controls system for the Port. As Project Manager and Project Engineer, Ms. Howell is responsible for project programming, holding pre-design kickoff meetings between the Port and design consultants, design oversight for civil engineering projects, which includes review of consultant's fee proposal, preliminary and final construction documents and Engineer's Construction Cost Estimate. Ms. Howell is also responsible for developing processes and procedures for the Port, including Pre-design Procedures for project scoping, Grants Management, and contracting. As a task order based contract, Rebecca is also responsible for scoping WSP task orders, developing manhour estimates, budgets and schedules, as well as delivering each task on time and within budget. |
| 7/24 - Ongoing  | <b>Master Plan and Zoning Code Update, Livingston Parish, LA: Water Resource Engineer.</b> The project includes extensive public outreach to shape a community driven vision addressing transportation, housing, recreation, and infrastructure. Rebecca is responsible for coordination with the ongoing Drainage Master Plan in Livingston. <i>See full project description in Section 17.</i>  |
| 2022-2023       | <b>Hwy 3127 Oxidation Pond, Hahnville, Louisiana: Project Manager.</b> St. Charles Parish contracted WSP for professional services to perform a feasibility study and analysis for an oxidation pond in Hahnville, LA. The Parish desired additional wastewater capacity to accommodate future residential growth and obtained a loan through LDEQ to fund this phase of the project. WSP conducted a planning-level study to evaluate available data and establish a basis-of-design concept for a new 2 MGD lagoon-type wastewater treatment system (oxidation pond) to discharge into a natural wetland for wetland assimilation. The proposed facility includes: two-cell lagoon, aeration system, circulation pumps, pond dike, headworks that include mechanical trash rake/bar screening, emergency relief structure including emergency disinfection, open-channel UV disinfection, provision for standby power, and a utility building to house electrical service for misc. storage.  |
| 2021- Ongoing   | <b>Louisiana Watershed Initiative Iberville Parish White Castle Drainage Improvements, White Castle, LA, WSP Project Manager &amp; Technical QA/QC.</b> WSP is a subconsultant to LaTerre Engineering, LLC, providing technical oversight for the LWI (Louisiana Watershed Initiative)- CDBG Grant funded White Castle Drainage Improvements Project. This project consists of the removal of accumulated sediment for approximately 4.5 miles of the channel bottom and immediate adjoining side slope to match historical grade lines. The project includes the removal of siltation above historical channel bottom grade lines and settled eroded materials on the bottom of the channel and the disposal of all excavated soils.   |

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| Firm employed by:  |   |  |                |
| Name  | Brian Hundt, PE   | Years of relevant experience with this employer            | 6              |
| Title   | Senior Civil Engineer   | Years of relevant experience with other employer(s)        | 12             |
| Degree(s) / Years / Specialization  |   | BS / 2009 / Civil Engineering – Louisiana State University |                |
| Active registration number / state / expiration date  |   | PE. 0039459 / LA / 09/30/2025                              |                |
| Year registered   | 2015  | Discipline   | Civil Engineer |
| Contract role(s) / brief description of responsibilities  |   | Roadway Design   |                |
| <br>Experience     | <p>Brian Hundt has over 12 years of experience as a civil engineer on numerous projects such as roadway design, waterline replacement, drainage design, construction administration, and inspection. Throughout his professional career, Mr. Hundt has worked closely with Louisiana Department of Transportation, Jefferson Parish, New Orleans Sewerage and Water Board, City of New Orleans Department of Public Works, and St. Charles Parish.</p>  |  |                |
| 09/20 – 08/24   | <p><b>Jefferson Parish, Bonnabel Boulevard Roadway Improvements (Metairie Rd. to I-10), Jefferson, LA, Project Engineer.</b> The project, which is a federal aid program with joint FHWA and Jefferson Parish founding, provided a 3” mill and overlay of the roadway surface, full depth concrete patching and curb replacement. As project engineer, Brian coordinated with Jefferson Parish and LADOTD engineering staff, created preliminary drawings per LADOTD standards, established a proposed profile to aide surface drainage and create proposed cross sections. The design work was performed with Inroads SS2. Design guidelines followed included Jefferson Parish, LADOTD and AASHTO.</p>  |  |                |
| 06/23 - Ongoing   | <p><b>Capital Area Transit System (CATS), ADA Accessible Bus Stop Design Services, Baton Rouge, LA, Civil Engineer.</b> Initiating the ADA Accessible Bus Stop Design Services for the Baton Rouge Capital Area Transit System (CATS), this project involves a comprehensive review of GIS Bus Stop Survey information to identify design templates necessary for ADA-compliant concrete pads at CATS bus stops. The aim is to create approximately six to ten template designs accommodating various scenarios, such as stops with no sidewalk or partial sidewalk, curb cut considerations, and those situated on corners. These designs must adhere to local, state, and federal regulations, ensuring firm and stable surfaces, specific dimensions, and controlled slopes in alignment with 36 C.F.R. standards. The project extends to potential adjustments based on state and local regulatory requirements and permit approvals.</p> |  |                |
| 7/24-8/25   | <p><b>Truck Traffic Study, Port of South Louisiana, Reserve, LA. QA/QC Lead.</b> Brian was responsible for quality assurance and control throughout the study. He reviewed technical outputs, validated traffic analyses, and ensured that the final recommendations met WSP’s standards for accuracy and reliability before being used to guide design decisions. <i>See full project description in Section 17.</i></p>   |  |                |



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| 01/22-12/22       | <b>LADOTD, Louisiana Gulf Terminal Mainline Extension, Plaquemines, LA, Project Engineer.</b> WSP performed engineering design and permitting services for a freight rail mainline extension project (approx. 9 miles of track). The project encompassed integration and coordination with federal, state and local public agencies and multiple private entities including Industries, Utility owners, and private landowners. Responsibilities included road design task lead for nine miles of railway access road, design of existing roadway improvements for proposed at grade rail crossings and coordination with LADOTD. Roadway design is in accordance with Plaquemines Parish Public Works and LADOTD.  |
| 12/16 – 06/18     | <b>City of New Orleans, Dept. of Public Works, St. Bernard Group A, New Orleans, LA, Project Engineer.</b> This project included roadway reconstruction, roadway repairs, waterline replacement, sidewalk repairs, and handicap ramp replacement for forty-five blocks within the City of New Orleans. Brian attended design meetings with the New Orleans Department of Public Works, Sewerage and Water Board. He conducted field visits to determine the location of utilities (including water and sewer lines) roadway and sidewalk repairs, creating plan sheets, calculating quantities, creating cost estimates, and compiling bid documents and specifications.  |
| 01/19 – Ongoing   | <b>First St. Wharf Deck Replacement – Phase 2, New Orleans, Louisiana:</b> senior project manager for the construction administration project that repaired the First Wharf concrete deck. The scope of work for the construction included identifying damaged concrete sections below the wharf deck on the Mississippi River side and above the wharf deck. Repair work included full depth and partial depth concrete deck repairs. Project duties also include attending meetings, managing inspectors, reviewing submittals, monitoring schedule and budget and approving contractor request for payment. Client: The Board of Commissioners of The Port of New Orleans.   |
| 03/2019 – Ongoing | <b>Seabrook Rail Bridge Approach Span Replacement, New Orleans, LA:</b> The project scope of services include design, construction administration, and resident inspection services for the replacement of two approach spans of a railroad steel rail bridge. Per AREMA 2018 code, analysis and design of the superstructure and bearings for approach spans were performed along with creating design calculation reports, final drawings and contract document specifications. Construction administration services included reviewing shop drawings, answering RFI's, attending coordination meeting between the Port of New Orleans, Norfolk Southern and the contractor. Brian's project role is senior project manager during construction administration. |
| 02/19 – 04/19     | <b>I-440 and Glenwood Ave. Interchange, Raleigh, North Carolina:</b> As a civil engineer on this project, Brian created a conceptual layout that determined the possible right of way impact for an interchange improvement. The conceptual design called a proposed partial cloverleaf interchange, a flyover ramp and widening of the existing interchange. His duties included designing the proposed horizontal and vertical alignments for 8 ramps that included loop, flyover, and entrance and exit ramps. The design work was performed in Geopak SS2. NCDOT and AASHTO guidelines were followed for the conceptual design of the interchange. Client: NCDOT.   |

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| Firm employed by:               |                    |  |   |    |
| Name   | Max Nassar         |  | Years of relevant experience with this employer     | 8  |
| Title  | Sr. Vice President |  | Years of relevant experience with other employer(s) | 37 |
| Degree(s) / Years / Specialization   |                    | BA / 1976 / Psychology - Louisiana State University, Baton Rouge   |   |    |
| Active registration number / state / expiration date   |                    | n/a  |   |    |
| Year registered  | n/a                | Discipline   | n/a   |    |
| Contract role(s) / brief description of responsibilities   |                    | QA/QC  |   |    |
| <br>Experience & Qualifications |                    | <p>Max is a Louisiana native who has spent 30 years in executive level positions in Fortune 500 Companies in both the Manufacturing/Industrial Sector and AE Consulting Services Sector and has overseen a multiplicity of infrastructure projects in the Southeast United States and in Central America with a value in the billions. He has successfully led negotiations and mediations for a variety of private clients. Max possesses demonstrated experience in planning and zoning, development code, ordinance creation and governance, NEPA project leadership, government and stakeholder Relations, project management, program and project development, and other services related to major infrastructure and facilities projects which include roadway, highway and bridge infrastructure, drainage and utilities infrastructure, railways and transit ways, airport facilities, and various waterfront infrastructure and facilities.</p> |   |    |
| 07/24 - Ongoing  |                    | <p><b>Master Plan and Zoning Code Update, Livingston Parish, LA: Principal in Charge.</b> Max serves as Principal in Charge for the full update of Livingston Parish's Master Plan and zoning regulations. The project includes extensive public outreach to shape a community driven vision addressing transportation, housing, recreation, and infrastructure. Nathan's leadership supports the Parish's goal of managing development pressures and lifting its current moratorium through a comprehensive and implementable plan. <i>See full project description in Section 17.</i></p>  |   |    |
| 07/21 - Ongoing  |                    | <p><b>Port of Gulfport Mississippi Strategic Master Plan Update, Gulfport, MS, Project Principal.</b> The project includes the evaluation and summarization of the opportunities, condition and capabilities of the Port's commercial, military, research, gaming facilities and blue economy and also the development the MSPA's Strategic Master Plan (SMP). The WSP team analyzed and identified current market growth options and future market capture opportunities. Additionally, the focus included identifying ways to increase the use of existing facilities and available land before considering expansion needs. The Master Plan Update Effort included the development of the Port's Workforce Development Plan.</p>  |   |    |
| 07/24 - 08/25  |                    | <p><b>Truck Traffic Study, Port of South Louisiana, Reserve, LA. Principal in Charge.</b> Max facilitated coordination with current and incoming tenants, ensuring their logistics and operational needs were considered in the study. He also supported overall</p>   |   |    |

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|                 | project management, helping maintain alignment between tenant activities and the Port’s infrastructure planning. <i>See full project description in Section 17.</i>   |
| 07/21 – Ongoing | <b>Program Management, Port of South Louisiana, Board of Commissioners Port of South Louisiana, St. Charles, St. James and St. John Parishes, LA, Principal-in-Charge.</b> The Port of South Louisiana is a major bulk and grain exportation facility and touts itself as the “largest tonnage port district in the western hemisphere”. The Port Jurisdiction encompasses 54 Mississippi River miles between New Orleans and Baton Rouge, Louisiana and offers excellent intermodal opportunities via Mississippi River deep draft, East-West and North-South Interstate Highways, three Class 1 Rail Lines, and air via the Port’s executive airport. The Program Management assignment includes oversight of the master and strategic planning efforts including implementation, grants application and management, procurement support including assessment of consultant capabilities, alternative delivery and public private partnerships, design management and construction administration through the life of the contract. |
| 07/17 – 11/21   | <b>Program and Construction Management, Louis Armstrong New Orleans International Airport, North Terminal Development, New Orleans, LA, Project Principal.</b> This program included program management, procurement strategy development; managing the environmental assessment and design development processes; supporting the New Orleans Aviation Board in securing funding for the project; and construction management. These services were provided for the New Orleans Aviation Board throughout the eight-year, \$1.03 billion program. WSP managed and administered all contracted activities, including planning, design, financing, and construction. The CM staff coordinated all design reviews, contractor submittals, RFIs, field changes, Change Orders, AHJ Inspections, and processed monthly invoices, assessing progress against schedule through daily inspections and progress recording through daily photographs.   |
| 07/23 - Ongoing | <b>General Planning Consultant, Capital Area Transit System (CATS), Baton Rouge, LA, Principal-in-Charge. ADA Bus Stop Design</b> - This task order involves a comprehensive review of GIS Bus Stop Survey information to identify design templates necessary for ADA-compliant concrete pads at CATS bus stops. The aim is to create approximately six to ten template designs accommodating various scenarios, such as stops with no sidewalk or partial sidewalk, curb cut considerations, and those situated on corners. These designs must adhere to local, state, and federal regulations, ensuring firm and stable surfaces, specific dimensions, and controlled slopes in alignment with 36 C.F.R. standards. The project extends to potential adjustments based on state and local regulatory requirements and permit approvals. Responsibilities include generating detailed drawings for the specified ADA Accessible Bus Stop concrete pad designs.   |


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| Firm employed by:               |  |   |   |   |
| Name   | Weston Mitchell, PE  |   | Years of relevant experience with this employer     | 4 |
| Title  | Traffic Engineer   |   | Years of relevant experience with other employer(s) | 6 |
| Degree(s) / Years / Specialization   |  | MBA / 2023 / Business Administration / Project Management – Louisiana State University, Shreveport<br>BS / 2021 / Civil Engineering – University of New Orleans   |   |   |
| Active registration number / state / expiration date   |  | PE. 0050584 / LA / 03/31/2026   |   |   |
| Year registered  | 2025   | Discipline  | Civil Engineer                                      |   |
| Contract role(s) / brief description of responsibilities   |  | Traffic Engineer  |   |   |
| <br>Experience & Qualifications |  | <p>Weston Mitchell is a Traffic Engineer with WSP USA supporting a wide range of traffic and safety projects. Having served as an early career student intern with LADOTD, Weston has always had a passion for improving the efficiency and safety of roads for all users. Weston is proficient with advanced software and data collection methods to analyze and evaluate existing and proposed conditions to provide clients with the information they need to make informed decisions.</p> |   |   |
| 09/25 - Ongoing  | <p><b>Pedestrian Safety Study, Citgo, Sulphur, LA.</b> Weston serves as a project engineer on a follow-up safety study at the Lake Charles Refinery focused on specific locations within the facility with interactions between pedestrians, bicycles, vehicles and heavy equipment. Weston performed on-site observations in order to identify current operations and issues of concern. Weston then supported the development of recommended improvements, a priority matrix and a safety study report.</p>  |   |   |   |
| 10/23 – 04/24  | <p><b>Improve I-70 Program Design-Build Project 1, Kingdom City to Columbia, MO:</b> Weston served as the lead modeler for the 20-mile widening of I-70 from Kingdom City to Columbia, MO with significant interchange improvements at US 63 and US 54. Weston completed VISSIM modeling for all improvements and supported the development of two access justification reports (AJR) gaining FHWA approval for the design-build contractor to begin work. The project included the addition of a third lane on I-70, new and revised interchanges, installation of roundabout intersections, new pedestrian facilities and installation of safety focused improvements.</p> |   |   |   |
| 7/24 – 08/25   | <p><b>Truck Traffic Study, Port of South Louisiana, Reserve, LA. QA/QC.</b> Weston supported the QA/QC effort for this project, and supported overall project management, helping maintain alignment between tenant activities and the Port's infrastructure planning. <i>See full project description in Section 17.</i></p>  |   |   |   |

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| 05/23 – 08/24   | <b>St. Louis Lambert Airport Layout Plan, St. Louis, MO.</b> Traffic engineer for the airport layout plan at the St. Louis Lambert International Airport. Weston’s role has been to model existing conditions of airport roadways and the surrounding roadway network and proposed alternatives for a consolidated terminal.   |
| 03/23 – 04/24   | <b>MoDOT Various Routes Signal Timing Optimization, St. Louis, MO.</b> Weston served as a traffic engineer for the 69-intersection signal optimization on five separate routes in St. Louis County and St. Louis City. Weston supported the data collection, existing condition analysis, timing plan optimization and implementation for new and revised timing plans. Before and after studies were completed to calculate the benefits to the public in terms of reduced fuel consumption and reduced emissions. Following Implementation, the intersections were monitored remotely for a period of time to ensure customers experienced no issues.  |
| 12/21 – 09/24   | <b>Gateway Green Light Wentzville Pkwy and Bryan Rd Signal Improvements Project, Wentzville and O’Fallon, MO:</b> Traffic engineer for the 25 intersection signal improvements project. Weston supported design of new advanced and stop bar detection across the corridors along with controller replacements proving capability for automated signal performance measures (ATSPM). In addition, Weston performed a timing optimization for new signal timing plans that will be implemented and monitored following construction of improvements.  |
| 12/21 – 04/22   | <b>I-55 Improvements, Jefferson County, MO:</b> Weston completed traffic engineering for the study of improvements to I-55 in Jefferson County from Route Z to US 67. WSP is serving as MoDOT’s owner’s representative throughout the conceptual study and preliminary engineering phases. Weston completed traffic modeling of existing conditions that identified safety and operational issues within the study area and assisted with the development of alternatives. The alternatives were studied in greater detail including development of a microsimulation model of traffic conditions. The model was used to select a preferred alternative. The preferred alternative was studied further during the preliminary phase including the preparation of an access justification report (AJR) that was approved by MoDOT and FHWA. |
| 12/21 - Ongoing | <b>City of St. Louis Traffic Engineering On-Call, St. Louis, MO.</b> Traffic engineer for this multi-year, task-order based traffic engineering on-call project. This project supports on-going efforts to improve traffic conditions in the City of St. Louis. Task orders have included a neighborhood traffic calming study, conceptual design of roadway and sidewalk improvements on critical arterials and numerous neighborhood speed studies. Most recently, Weston completed a multi-modal safety study on Gravois Avenue.  |

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| Firm employed by:               |  |   |   |    |
| Name   | Ossama Ramadan   |   | Years of relevant experience with this employer     | 3  |
| Title  | Traffic Engineer   |   | Years of relevant experience with other employer(s) | 25 |
| Degree(s) / Years / Specialization   |  | PhD / 2016 / Civil Engineering / Transportation Engineering – University of Alabama at Birmingham<br>MS / 2003 / Civil Engineering / Transportation Engineering – Carleton University (Ottawa, Canada)<br>BS / 1999 / Construction and Building Engineering – Arab Academy for Science, Technology and Maritime Transport (Alexandria, Egypt)   |   |    |
| Active registration number / state / expiration date   |  | PE. 0043893 / LA / 03/31/2026   |   |    |
| Year registered  | 2019   | Discipline  | Civil Engineer                                      |    |
| Contract role(s) / brief description of responsibilities   |  | Traffic Engineer  |   |    |
| <br>Experience & Qualifications |  | Dr. Ossama Ramadan is a senior project manager with over 25 years of non-overlapping project experience including 16 years in project and technical delivery management of transportation engineering and planning studies. In addition, Dr. Ramadan leads the Texas Technical Excellence Center for Advanced Traffic Analysis, Modeling, and Simulation (TX Advanced Traffic AMS TEC). He is nationally recognized through peer reviewed publications, conference presentations, and active participation in TRB, ITE, and ASCE technical committees. Dr. Ramadan is the Secretary and Incoming Chair of the ITE Data-Driven Safety Analysis Standing Committee. In addition, he is an Associate Member of the ASCE Transportation Safety Committee. |   |    |
| 06/25 – Ongoing  | <b>H-GAC SS4A Safety Action Plan, Houston-Galveston Area Council, Houston, TX:</b> Subcontract project manager supervising and directing the development local safety action plan for the Metropolitan Transit Authority of Harris County and the Gulf Coast Railroad District |   |   |    |
| 02/25 – Ongoing  | <b>BCE Extension Phase II, Brazoria County Toll Road Authority:</b> Project quality leader led, guided, and implemented the QA/QC process including QC session planning, setup, and control in BlueBeam Studio for SWP3, illumination, ITE, and tolling designs and estimates. |   |   |    |
| 02/25 – 05/25  | <b>Laredo and Webb County Area MPO MTP Update, LWCAMPO:</b> Congestion Management Process task lead, led and guided the development of the 2024 CMP for LWCAMPO including congestion quantification, diagnosis, and identification of improvement strategies.                  |   |   |    |
| 02/25 – 07/25  | <b>VIA E/W BRT, VIA, San Antonio, TX:</b> Quality control reviewer for traffic signal phasing for a BRT corridor.  |   |   |    |
| 01/25 – 09/25  | <b>Proof-of-Concept Artificial Intelligence Application, North Texas Tollway Authority, Plano, TX:</b> Project manager supervising and directing the development of an artificial intelligence (AI) application in Google Cloud Platform (GCP) using BigQuery and              |   |   |    |

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|               | Vertex AI as a proof of concept to increase NTTA revenue and minimize operational costs by aggregating customer accounts, identification of top violators, and optimizing roadside enforcement.   |
| 07/22 – 04/25 | <b>El Paso Districtwide Traffic Engineering and Planning Studies (Contract №24-8SDP5011, Work Authorization № 4), TxDOT El Paso District, El Paso, Texas:</b> Work authorization project manager and engineer of record in charge of traffic engineering and planning studies for El Paso District and local government corridors   |
| 08/23 – 01/25 | <b>Journey to Enterprise Data Integration (JEDI) – Phase I: Current State Assessment (Contract № 50-3IDP5005, Work Authorization № 1), TxDOT Transportation Planning &amp; Programming (TPP) Division, Austin, Texas, :</b> Project manager for planning services for the TPP Division to evaluate engineering, survey, remote sensing, and GIS data integration and data lifecycle management for use statewide.   |
| 11/22 – 06/23 | <b>Paisano Dr Corridor Study (Contract № 24-0IDP5006, Work Authorization № 2), TxDOT El Paso District (Subconsultant to Kimley-Horn and Associates), El Paso, Texas:</b> Subcontract project manager in charge of developing access management improvements in support of a corridor study for an 11.5 miles corridor along Paisano Dr from Sunland Park Dr to Montana Ave. Led the development of three access management strategies that improve mobility and safety through traffic flow enhancement, delay reduction, and crash reduction. Strategies included managing access to developments, increasing driveway spacing, providing channelized medians, retiming of traffic signals, and modifying intersection geometries in accordance with TxDOT's Access Management Manual. |
| 02/23 – 11/24 | <b>US 69 Preliminary Engineering (Contract № 36-0IDP5111, Work Authorization № 1), TxDOT Beaumont District (Subconsultant to Estes Group), Tyler County, Texas:</b> Traffic safety analysis SME, guided and reviewed existing safety analysis and traffic forecasts in support of developing design schematic and environmental documents for a 25.4-miles corridor along US 69 from Warren to Colmesneil, Texas.   |
| 07/22 – 04/25 | <b>El Paso Districtwide Traffic Engineering and Planning Studies (Contract №24-8SDP5011, Work Authorization № 4), TxDOT El Paso District, El Paso, Texas:</b> Work authorization project manager and engineer of record in charge of traffic engineering and planning studies for El Paso District and local government corridors   |

**17. Firm Experience:**

|                                 |   |   |                                      |            |
|---------------------------------|---|---|--------------------------------------|------------|
| Firm name                       |  |   | Discipline(s)*                       | Planning   |
| Project name                    | <b>2025 Ascension Parish West Bank Small Area Plan</b>                            |   | Firm responsibility (prime or sub?)  | Prime      |
| Project number                  | n/a   | Owner's name  | Ascension Parish Planning Department |            |
| Project location                | Unincorporated Ascension Parish (West Bank)                                       |   | Owner's Project Manager              | Eric Poche |
| Owner's address, phone, email   | 615 E Worthey St, Gonzales, LA 70737 225-450-1366, Eric.Poche@apgov.us            |   |                                      |            |
| Services commenced by this firm | 12/2024   | Total consultant contract cost (\$1,000's)                    |                                      | \$47       |
| Services completed by this firm | 09/2025   | Cost of consultant services provided by this firm (\$1,000's) |                                      | \$47       |

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



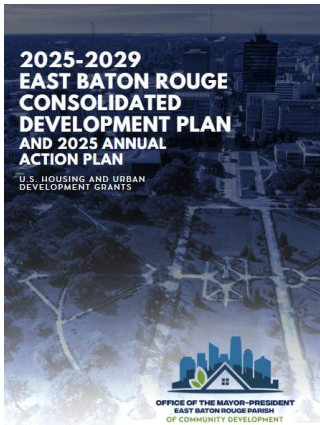
Bayou Rouge was the **prime consultant** for creating a small area plan along the unincorporated areas of the west bank of Ascension Parish. The planning process was a response to large economic development projects coming to the area along with the new Highway 3127 Extension. These projects have the capacity to bring numerous jobs, but without a plan for housing, transportation, infrastructure and recreation, the area was not primed for development. This small area plan, which was a neighborhood scale land use study, filled in the necessary gaps to ensure development and growth was planned and met the needs of the residents, both current and future.

**Maggie Gleason served as the lead planner**, coordinating three community engagement open houses, three steering committee meetings, and multiple outreach initiatives. **Savannah Morales served as the data analyst** and created a



community profile, mapped FEMA floodplains, identified and mapped utilities, and created presentation material for outreach. Together, both consultants prepared a public participation plan, a community needs survey, FAQ's and informative material, an existing conditions report, and a final plan. Within the implementation, one of the long-term projects identified by the consultants was a potential bike path within the small area plan boundary which would link new development to the existing levee path. This identified path is an abandoned Union Pacific rail line which has the potential for a rails to trails conversion. The 2025 West Bank Small Area Plan was adopted September 10, 2025, and was well received by the client and the community.

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|---------------------------------|--|---|---|--------------|
| Firm name                       | BAYOU ROUGE Environmental & Planning   |   | Discipline(s)*  | Planning     |
| Project name                    | 2025-2029 HUD Consolidated Plan  |   | Firm responsibility (prime or sub?)                             | Prime        |
| Project number                  | n/a  | Owner's name  | Mayor's Office of Community Development East Baton Rouge Parish |              |
| Project location                | East Baton Rouge Parish  |   | Owner's Project Manager   | Laci Sherman |
| Owner's address, phone, email   | 222 St. Louis Street, Baton Rouge, LA 70802; 225-389-3039, lsherman@brla.gov |   |   |              |
| Services commenced by this firm | 1/2025   | Total consultant contract cost (\$1,000's)                    | \$150   |              |
| Services completed by this firm | Ongoing until 12/2025  | Cost of consultant services provided by this firm (\$1,000's) | \$84  |              |



This project was to develop the 5-year consolidated plan, a required U.S. Department of Housing and Urban Development (HUD) document for local jurisdictions who receive HUD formula grants. The 5-year plan consisted of a housing needs assessment, a market analysis, a strategic plan, and an annual action plan. Baton Rouge, as an entitlement community, receives multiple grants and uses the 5-year consolidated plan as a guide to assess their affordable housing market and any community development needs geared toward low-to-moderate income residents. **Bayou Rouge served as the prime consultant**, using one sub-consultant for added capacity. The plan has been approved by HUD and adopted by the Parish in September 2025. **Maggie Gleason served as the lead planner**, coordinating all focus groups, community meetings and ensuring best management practices for affordable housing planning, community development, and federal grant management. In total, 22 agencies and non-profits were consulted, 450 survey responses were received, and numerous plans were integrated into the final document. **Savannah Morales served as the data analyst**, pulling from numerous sources to ensure the plan could assist the client in making evidence-based decisions. She incorporated data such as census, crime and blight hotspots, FEMA floodplains, heat vulnerability, and HUD housing data to create priority areas for funding. For transportation data, Savannah identified locations in low-income census tracts where crosswalks were needed, and which could be funded by CDBG dollars.

The result of this 9-month planning effort was \$7.7 million in HUD funding awarded to the Office of Community Development to be used for improving the lives of low-to-moderate income residents of Baton Rouge.

|                                 |   |   |                                 |                                     |
|---------------------------------|---|---|---------------------------------|-------------------------------------|
| Firm name                       | BAYOU ROUGE Environmental & Planning  |   | Discipline(s)*                  | Planning                            |
| Project name                    | Town of Franklinton Zoning Consent Decree                                   |   |                                 | Firm responsibility (prime or sub?) |
| Project number                  | n/a   | Owner's name  | Villavaso & Associates Planning |                                     |
| Project location                | Franklinton, LA   |   | Owner's Project Manager         | Steve Villavaso, FAICP              |
| Owner's address, phone, email   | 6304 Beaugard Ave. New Orleans, LA 70124, 504-343-9096, svillavaso1@cox.net |   |                                 |                                     |
| Services commenced by this firm | 5/2025  | Total consultant contract cost (\$1,000's)                    |                                 | \$ unknown                          |
| Services completed by this firm | Ongoing as needed   | Cost of consultant services provided by this firm (\$1,000's) |                                 | \$3                                 |

Bayou Rouge serves as the **sub-consultant** to Villavaso & Associates planning firm to provide GIS services for their client, Town of Franklinton, for the update to their zoning ordinance and creation of a Master Land Use Plan, the first one for the Town. This project is a result of the federal Department of Justice's consent decree for the Town violating fair housing laws. The purpose of the project is to assist the Town in complying with this directive. Bayou Rouge analyzed zoning and parcel data with the objective of creating a new zoning map that allowed for affordable housing in census tracts that were majority white.

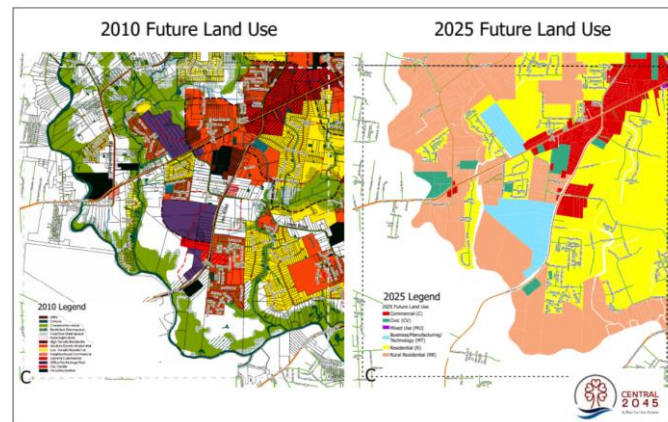
**Savannah Morales** serves as the **data analyst**, providing GIS and mapping expertise to ensure the Town makes fair, data-driven decisions during the zoning update and master plan creation. She has incorporated census data, parcel data, and collaborated with the prime consultant to create the Town's first digitized zoning map. She has created all the community profile maps for the master plan including FEMA floodplains, existing land use, future land use, wetlands, watersheds, and other environmental and natural resource maps. **Maggie Gleason** served as the **senior planner**, and assisted the prime with facilitating community engagement, providing capacity and land use expertise for the focus groups and the public workshop.


|                                 |   |   |                                     |               |
|---------------------------------|---|---|-------------------------------------|---------------|
| Firm name                       | BAYOU ROUGE Environmental & Planning  |   | Discipline(s)*                      | Environmental |
| Project name                    | Wetlands and Other Waters of the U.S. Delineation   |   | Firm responsibility (prime or sub?) | Sub           |
| Project number                  | n/a   | Owner's name  | CK Associates                       |               |
| Project location                | Calcasieu Parish  |   | Owner's Project Manager             | Andrew Knight |
| Owner's address, phone, email   | 8591 United Plaza Blvd STE 300, Baton Rouge, LA 70809, 225-755-1000, andrew.knight@c-ka.com |   |                                     |               |
| Services commenced by this firm | 08/24   | Total consultant contract cost (\$1,000's)                    |                                     | \$45          |
| Services completed by this firm | 11/24   | Cost of consultant services provided by this firm (\$1,000's) |                                     | \$45          |

This project was a Wetlands and Other Waters of the U.S. Delineation for a large, proposed development in southwest Louisiana. The project consisted of delineating approximately 7,000 acres of undeveloped land in Calcasieu Parish. Due to the survey area's large size, Bayou Rouge Environmental and Planning was hired by a private environmental consultant as a field lead and Professional Wetland Scientist. **Savannah R. Morales** served as the field lead and project manager responsible for this project. **Maggie Gleason** handled administrative and billing functions as needed. The project concluded in December 2024. As this project is for a private client, specific details such as owner and manager names, specific locations, and development plans are confidential.

|                                 |   |   |                                 |                                     |
|---------------------------------|---|---|---------------------------------|-------------------------------------|
| Firm name                       | BAYOU ROUGE Environmental & Planning  |   | Discipline(s)*                  | Planning                            |
| Project name                    | City of Central, LA 2025 Master Plan Update                                 |   |                                 | Firm responsibility (prime or sub?) |
| Project number                  | n/a   | Owner's name  | Villavaso & Associates Planning |                                     |
| Project location                | Central, LA   |   | Owner's Project Manager         | Steve Villavaso, FAICP              |
| Owner's address, phone, email   | 6304 Beaugard Ave. New Orleans, LA 70124, 504-343-9096, svillavaso1@cox.net |   |                                 |                                     |
| Services commenced by this firm | 6/2025  | Total consultant contract cost (\$1,000's)                    |                                 | \$ Unknown                          |
| Services completed by this firm | Ongoing as needed   | Cost of consultant services provided by this firm (\$1,000's) |                                 | \$2                                 |

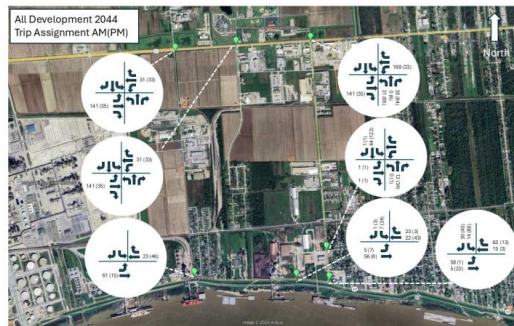
Bayou Rouge was a subconsultant to the Central Master Plan team for the 2025 re-write of the Comprehensive plan. Our firm served as the **GIS and mapping expertise** to create future land use designations for the city with an eye towards resilience and equitable housing. The Future Land Use map followed guidance from planners and local officials. The map has been well received by the client. Additional posters were created for community engagement events to showcase the changes in Future Land Use designations from the previous 2010 designations to the proposed 2025 Future Land Use designations. Other maps provided for the project included demographic maps such as population and income, and natural resource maps such as aerals, soils, wetlands, National Land Cover Database, Major Land Resource Areas, National Hydrography Dataset, and watersheds.




|   |   |   |                         |  |
|---|---|---|-------------------------|--|
| Firm name                               |  |   | Discipline(s)*          | Data Collection, Planning, Right-of-Way, Road, Survey, Traffic |
| Project name                            | <b>Port of South Louisiana Truck Traffic Study</b>                                |   |                         | Firm responsibility (prime or sub?)<br>Prime                   |
| Project number                          | N/A   | Owner's name  | Port of South Louisiana |  |
| Project location                        | Reserve, Louisiana  |   | Owner's Project Manager | Chambrel Riley-Williams  |
| Owner's address, phone, email           | 1720 LA-44, Reserve, Louisiana 70084, (985) 652-9278, criley@portsl.com           |   |                         |  |
| Services commenced by this firm (mm/yy) | 07/24   | Total consultant contract cost (\$1,000's)                    |                         | \$49.8   |
| Services completed by this firm (mm/yy) | 08/25   | Cost of consultant services provided by this firm (\$1,000's) |                         | \$46.2   |

WSP serves as Program Manager for the Port of South Louisiana (POSL), assisting the Port in managing all ongoing design and construction projects, its capital program, and its grant strategy and maintenance. **Nathan Lipson**, PM for the overall Program Management contract, lead grant strategist for the Port, and PM for this project, noted that the primary landside transport method at POSL's Globalplex Intermodal Terminal in Reserve was trucks and that the Port had a number of improvement projects associated with roadway and truck access. POSL's ever-growing Globalplex campus will be joined by two new tenants in the coming years who will be exporting finished products by truck. Nathan suggested that the Port perform a Truck Traffic Study under its existing master contract with the Port in order to comprehensively address the truck network accessing the Port, as a tool for capital planning and grant funding. This connectivity study was conducted in two phases: the qualitative assessment of existing conditions first, including a study of key entrances, intersections and circulation within the study area (traffic analyses following Highway Capacity Manual methodology to determine Level of Service, as well as AutoTurn analyses at key areas of concern); followed by recommendations for areas flagged with potential issues based on traffic projections. Such recommendations include considerations for the residential, commercial and civic uses nearby to the Port which also use the same roadways.

Data from this project has already been used to direct ongoing designs for roadway improvements at the Globalplex with more to come. **Lei Fang** was the lead traffic engineer on the project, while **Rebecca Howell**, lead engineer on the POSL PM contract, coordinated with the design teams to understand the future development plans and their needs. **Max Nassar** assisted with tenant coordination and project management. **Brian Hundt** served as QA/QC Lead for the project, assisted by **Weston Mitchell**.



|   |   |   |  |  |
|---|---|---|--|--|
| Firm name                               |  |   | Discipline(s)*                                   | Data Collection, Planning, Right-of-Way, Road, Survey, Traffic |
| Project name                            | <b>Broward Safety Action Plan</b>   |   | Firm responsibility (prime or sub?)              | Prime  |
| Project number                          | N/A   | Owner's name  | Broward Metropolitan Planning Organization (MPO) |  |
| Project location                        | Broward County, Florida   |   | Owner's Project Manager                          | James Cromar   |
| Owner's address, phone, email           | 1720 LA-44, Reserve, Louisiana 70084, (954) 876-0038, cromarj@browardmpo.org      |   |  |  |
| Services commenced by this firm (mm/yy) | 01/24   | Total consultant contract cost (\$1,000's)                    | \$2,740  |  |
| Services completed by this firm (mm/yy) | 10/25   | Cost of consultant services provided by this firm (\$1,000's) | \$1,760  |  |


The Broward Metropolitan Planning Organization (MPO) and Broward County Government received a \$5 million grant from USDOT to develop the Broward Regional Comprehensive Safety Action Plan. The Safety Action Plan is a joint commitment between the Broward MPO and Broward County to plan and implement projects and strategies to eliminate killed and serious injury crashes (KSI) to zero by the year 2050. WSP developed over 40 deliverables within this contract to include safety and demographic analysis, prioritization report, Lighting Safety Action Plan, Rail Safety Action Plan, School Zone/Bus Stop Safety Action Plan, Technology Safety Action Plan, Midblock Safety Action Plan, Pedestrian and Bicycle Safety Action Plan, Neighborhood Safety Action Plan, Safe Speeds Action Plan, conceptual design of over 20 miles of High-Injury corridors, design of 8 unique quick-build safety projects, development of the Broward Quick Build Guide, development of the Broward Safe Streets Design Guidance Manual, and creation of the 1,000 Little Things program.

Over 20 safety focus committee meetings were complimented by a diverse mix public engagement was completed across paid media, press releases, and public meetings. This work was primarily completed by WSP's Miami office led by Christine Fanchi. Christine reports to the same regional office as Nathan Lipson. The following 2 projects directly relate to the Barton Ave project:

**Neighborhood Safety Action Plan:** Using the recent 5-years of crash data, safety analysis was completed to filter out the neighborhood crashes (10% of total countywide crashes) and determine the highest priority neighborhood safety needs based on KSI crashes. A specific safety countermeasures toolbox for neighborhood context was developed to include concept designs and cost estimates for three high priority neighborhoods for future project programming. City partners are currently pursuing Safe Routes to School funding for implementation utilizing this plan.

**US441 & Rock Island Road Priority Corridors:** These priority corridors were selected for safe streets design due to historical KSI crashes and current risk assessment. Both corridors (2 miles each) cross a major regional trail and therefore each of the concept designs included a raised, signalized pedestrian crossing of the trail to directly and safely align pedestrians/bicyclists across these major arterial streets. In addition to the raised crosswalk, additional countermeasures included a raised pedestrian median island, new lighting, advanced pavement markings, advanced speed radar signs, street trees, narrow lanes, and wide shared use paths on either side of street connecting to these trails.



|   |   |   |                                     |   |
|---|---|---|-------------------------------------|---|
| Firm name                               |  |   | Discipline(s)*                      | Data Collection, Planning, Right-of-Way |
| Project name                            | <b>Livingston Parish Master Plan and Zoning Code Update</b>                       |   | Firm responsibility (prime or sub?) | Prime                                   |
| Project number                          | N/A   | Owner's name  | Livingston Parish                   |   |
| Project location                        | Livingston Parish, Louisiana  |   | Owner's Project Manager             | Chambrel Riley-Williams                 |
| Owner's address, phone, email           | 1720 LA-44, Reserve, Louisiana 70084, (985) 652-9278, criley@portsl.com           |   |                                     |   |
| Services commenced by this firm (mm/yy) | 08/24   | Total consultant contract cost (\$1,000's)                    |                                     | \$750                                   |
| Services completed by this firm (mm/yy) | 10/25   | Cost of consultant services provided by this firm (\$1,000's) |                                     | \$650                                   |

WSP was engaged by the Livingston Parish Government, through the Parish President's Office, to lead a comprehensive update of the parish's long-range planning and development framework. Rampant development followed by exacerbated flooding and traffic concerns pushed the parish to update its Master Plan. This multi-phase effort led by PM **Nathan Lipson** and overseen by senior advisor **Max Nassar** includes a full update of the Envision Livingston Master Plan (originally adopted in 2013), the development of a parish-wide zoning ordinance, and the creation of a modernized Unified Development Code (UDC). The project aims to align planning and regulatory tools with current growth patterns, infrastructure needs, and community values while improving clarity, accessibility, and implementation.

The project team has worked closely with the Planning & Development Department, Parish Council, and Planning and Zoning Commission to deliver technical analysis, zoning code drafting, GIS mapping, and extensive public engagement. Analysis of the policies in place relating to stormwater infrastructure was led by **Rebecca Howell**. Outreach efforts have included visioning workshops, a Future Land Use Charrette, and open houses to gather input on land use, transportation, housing, and development priorities. A parish-wide zoning code was adopted on February 27, 2025, with a unanimous Council vote, allowing the parish to lift a development moratorium that had been in place due to unregulated growth.

As of September 2025, the project is in its final stages, with the Future Land Use Map and Character Areas presented to stakeholders and a streamlined zoning framework in place. A key outcome of the plan was to recommend commercial and industrial development be allowed and encouraged within an economic development corridor buffering the existing I-12 and CN rail line to accommodate increased volumes of traffic without exacerbating the Parish's existing congestion associated with too much traffic on local roads trying to reach the interstate. This project was driven in large part by transportation concerns, including the review of related studies including the CRPC Bicycle and Pedestrian Plan (2022) as well as crash/safety data for the transportation analyses associated with this master plan.



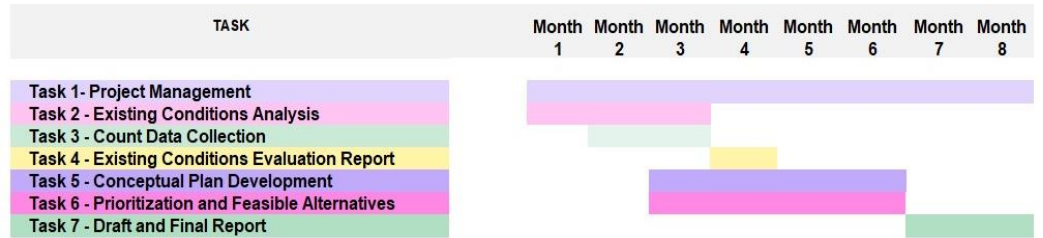
**18. Approach and Methodology:**

For the bike and pedestrian feasibility study, Bayou Rouge and WSP have put together a multidisciplinary team. Our team’s approach is committed to delivering a high quality, data-driven, and community-informed feasibility study that balances technical expertise with local context. Bayou Rouge will lead the project management, data analysis, and public engagement components of the study, ensuring that the voices of the Barton corridor and community stakeholders are integrated into decision making. Our methodology, broken down by the tasks set forth by RPC, are as follows:

**Task 1 - Project Management**

Bayou Rouge, the project management lead, will support RPC in establishing a strong project management framework that ensures clear communication, timely deliverables, and meaningful engagement throughout the study. We will prepare and facilitate the project kickoff meeting (suggest in-person), biweekly coordination meetings (virtual), and Project Management Team (PMT) meetings (in-person as needed, mostly virtual), providing agendas, sign-in sheets, presentation materials, and summary reports. Our team is well-versed in using a mix of in-person and/or virtual platforms to ensure maximum participation.

**Project Timeline**



Bayou Rouge will also lead stakeholder and community engagement by conducting two public open houses, four focus groups, up to 10 individual stakeholder interviews, and a community survey using ArcGIS Survey123. Digital dissemination tools, including a project webpage, Story Maps, and ArcGIS Experience, may also be used to expand access and provide continuous opportunities for input. This structure ensures RPC, stakeholders, and the public are consistently informed and engaged in shaping project outcomes. *Deliverables: Kickoff meeting agenda & schedule; Bi-weekly meeting agendas, handouts & minutes; PMT agendas, handouts, graphics, sign-in lists; Stakeholder & community engagement checklist & materials*

**Task 2 - Existing Conditions Analysis**

Bayou Rouge will lead most of the data analysis components of the existing conditions assessment.

We will review and summarize past plans and projects, producing an organized inventory that frames the study within the context of regional and parish initiatives. Using American Community Survey census data, we will develop a demographic profile of the Area of Interest to understand social, economic, and mode share conditions. Land use and zoning regulations will be evaluated, with particular attention to cultural and historical resources that may influence design alternatives. A cursory view of the corridor shows many live oaks within or near the right-of-way, which will require special attention to preserve.

Our vulnerability assessment will synthesize national and state datasets (FEMA floodplains, LDENR coastal zone, USFWS wetlands, IPaC species data) along with community-identified problem areas to identify risks related to flooding, environmental constraints, and brownfield sites. The results will be summarized in maps and a task report, ensuring a complete understanding of planning, demographic, and environmental conditions before conceptual alternatives are developed.

For the crash data review, a GIS analysis will be conducted to highlight any patterns or clusters of fatal, serious injury, and non-motorized crashes that occur within the 5-year period provided by RPC. The team will then cross-reference the findings with the Louisiana Pedestrian Crash Study, LADOTD's HSIP list, and the Roadway Departure Implementation Plan to further identify segments with a potential for safety improvements. A technical memo, maps, and tables will summarize the findings and provide a basis for the next phases of the study. Throughout this process, our team will coordinate with the RPC's GIS coordinator to ensure all end products meet RPC and industry best standards.

Utilities, drainage, and right-of-way are often the biggest constraints in similar projects, as relocating a gas main or acquiring private ROW can significantly increase project costs and timelines. Leading this task is Rebecca Howell, PE (WSP), who will work with the RPC's GIS Coordinator to provide a geospatial spreadsheet cataloging the existing/proposed transportation, infrastructure, and utilities context of the area. A corresponding task report will offer a written overview of the area's inventory. *Deliverables: Task report summarizing mapping and findings*

### Task 3 – Data Collection

While WSP will lead on traffic, bicycle, and pedestrian counts, Bayou Rouge will support these efforts by coordinating with RPC on community-based input, ensuring collaboration between technical count data and engagement findings. This coordination will help integrate the qualitative lived experiences of corridor users with quantitative traffic data, strengthening the overall analysis. The consultant team will perform 7-day 24-hr counts with classification at up to three locations along the study corridor. We will analyze the 7-day 24-hour counts to identify corridor-specific peak periods. This analysis represents the initial data collection.

Final data collection includes the following:

- **Peak Period Counts:** The consultant team will conduct peak period counts for up to two peak periods, with up to three hours per peak period. During peak periods, we will collect 15-minute turning movement counts (TMCs) with classification and demand (queue counts) at up to 18 intersections. If peak period counts are not feasible to be collected on a single day, WSP will perform peak period counts on consecutive days along with 48-hour counts at locations that allow count reconciliation.
- **Peak-Hour Determination:** Analysis of peak-period data to identify local and corridor-wide peak-hours.
- **Driveway and Median Opening Counts:** WSP will analyze raw TMC data and determine if there are volume imbalances between adjacent intersections. If imbalances are >10%, we will conduct driveway and median opening (if any) counts during the identified peak hour.
- **Maps With Raw TMC and Demand:** The consultant team will prepare straight line diagrams (SLDs) on aerials with raw and recommended balanced volumes for each peak hour under existing conditions.
- **Peak Period Observations and Geometric Field Review:** We will conduct peak-period observations synchronous with peak-period counts and document observations, in the Engineer's opinion, may affect collected data. WSP will review geometric data in field and note any discrepancies.
- **Growth Rate Determination:** WSP will use the NOLARPC TDM output to determine growth rate for the analysis year.
- **Analysis Year Volume Maps with Growth Rate applied:** We will prepare a version of the SLDs with analysis year volumes.

A report will be prepared documenting all efforts conducted under this task in a format ready for inclusion in the final study report as appendices or chapters.

*Deliverables: Task Report describing task 3 road characteristics and all collection methods, data collected, and analysis of data collected.*

#### Task 4 – Existing Conditions Evaluation Report

While WSP will lead technical data collection, Bayou Rouge will ensure those datasets are contextualized with demographic trends, land use patterns, and stakeholder input. The team will prepare maps, graphics, and narrative text that meet RPC's GIS standards and are accessible to both technical reviewers and community members. WSP will summarize existing planning efforts or implemented projects that would have a potential impact or are otherwise related to non-motorized travel on the corridor. The team will conduct an existing and no-build analysis for multimodal traffic operations. We will analyze the most recent full 5-years of crash data to identify existing safety issues. WSP will prepare collision and condition diagrams for intersections and segments with crash history and identify operational and safety concerns that stem from existing and potential conflicts of motorized and non-motorized traffic along the study corridor. We will then perform a desktop review of as-builts and existing conditions data to identify natural hazards and the corresponding infrastructure vulnerability. The operational analysis is limited to the methods available in the latest versions of the Highway Capacity Manual and the Highway Safety Manual using HCS and HSS software respectively. The consultant team will prepare an existing and no-build analysis memorandum for inclusion in the study report. *Deliverables: Existing Conditions Report synthesizing Tasks 2 & 3 findings*

#### Task 5 – Conceptual Plan Development

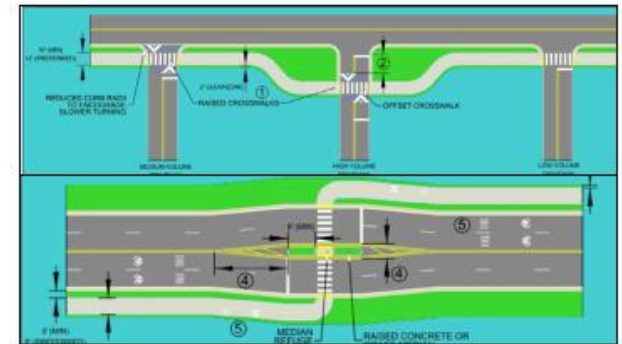
We will recommend design criteria based on best practices in safety standards, pedestrian/ bicycle planning, and water management. In addition to consulting the national and local resources provided in the scope of work, our team is supported by WSP, USA who will engage their transportation and water solutions experts on to provide innovative feedback based on their catalogue of work around the nation. To illustrate the recommended conceptual route alternatives, typical sections will be developed. Where possible, the project team will incorporate future-ready aspects within recommendations, providing options for long-term investment opportunities.

We will present the preliminary design concepts to the PMT, incorporate their inputs and modify the recommendations accordingly. These recommendations will be further refined, resulting in public-ready visual materials and summary tables to provide a comprehensive portfolio of feasible interventions. All recommendations will be suited to the context of the unique characteristics of the area- especially its significance as a key north-south corridor- while aiming to improve safety, multi-modal use, and the quality of life for all users. *Deliverables: Conceptual plan & maps with visualizations of proposed improvements and alternatives (three corridor segments)*

#### Task 6 – Prioritization & Feasible Alternatives

A key factor in the potential successful implementation of future improvements is the order in which the alternatives presented are planned, funded, and constructed. Our team will develop a structured methodology for evaluating the proposed improvements through both qualitative and quantitative evaluation criteria based on various factors such as safety, connectivity, complexity, maintenance, cost, impacts, user experience, and benefits.

WSP will work with the PMT to identify evaluation criteria for which each alternative can be scored against in a decision matrix that scores each alternative against the criteria above. The matrix will allow the PMT to clearly compare the benefits and tradeoffs of each option. The prioritization matrix will be informed



*Typical plans for a mid-block and driveway crossing design for a multi-use path in Tennessee*

not only by technical analysis but also by the results of public engagement. From this process, our team will provide a prioritized program of feasible improvements including visual maps, identifying, if necessary, both short- and long-term feasible alternatives. In addition, cut sheets will be provided for each alternative to RPC for advancing the project in the future. *Deliverables: Methodology matrix; Program of feasible projects with costs; Visual maps by cost/type/priority; Project cut sheets for feasible alternatives*

### **Task 7 – Draft & Final Report**

Bayou Rouge will compile all sections of the Draft Report, integrating findings from Tasks 2 through 6 into a single, cohesive document. The draft will capture planning analysis, stakeholder engagement results, demographic findings, and environmental/vulnerability assessments, alongside conceptual alternatives and evaluation results.

In addition, Bayou Rouge will develop an implementation matrix to guide next steps for project development. This will include:

- An action plan outlining tasks, lead agencies, key partners, dependencies, required resources, and potential timeframes for implementation.
- An overview of funding sources, identifying potential federal, state, and local programs, with eligibility criteria, local match requirements, and other relevant considerations.

In compliance with RPC procedures, all deliverables will be compiled into a draft final document for review by the PMT before 85% of the project budget has been billed. Bayou Rouge will facilitate this review process, coordinating with the PMT and RPC staff to collect feedback, address revisions, and ensure the document meets both technical standards and community priorities. Bayou Rouge will also manage production and distribution of 10 hard copies of the final report, along with a digital version hosted on a project website. Our goal is to deliver a final document that is technically rigorous, visually engaging, and accessible to both RPC and the broader community. *Deliverables: Draft Final Report (all deliverables aggregated at 85%); Revised Draft incorporating PMT/RPC comments; Public Comment version (graphics, summaries, digital content); 10 hard copies & 1 USB digital copy of Final Report*

### **Assumptions:**

RPC and/or St Charles Parish can assist the consultants in locating and coordinating a no-cost venue for the public engagement. Ideally a library, community center, or other neutral, accessible, and centrally located space.




### **Costs:**

\$135,250


51% of cost will go to Bayou Rouge

49% of cost will go to WSP

19. Workload:

| Firm  | Discipline    | Contract Number and State Project Number           | Project Name  | Remaining Unpaid Balance |
|---|---------------|--|---|--------------------------|
|  | Bridge        | 4400004763 / H.010253.5<br><i>Supplement No. 3</i> | Electrical & Mechanical C. & MECH. ENG. ON CALL TO9 | \$109,387                |
|  | Planning      | 4400017327 / H.003931.5                            | LADOTD P3 Advisory Services On-Call TO2             | \$925,285                |
|  | Environmental | 4400027470 / H.003931.6                            | Calcasieu River Bridge (HBI) (ENV)                  | \$1,363,048              |

20. Certifications/Licenses:

|   |   |  |
|---|---|--|
|  | <p>This certificate hereby qualifies</p> <p><b>Maggie Trenary-Gleason, AICP</b></p> <p>as a member with all the benefits of a Certified Planner and a commitment to the AICP Code of Ethics and Professional Conduct.</p> <p>Certified Planner Number: 32372</p> <p><br/>Joel Albizo, FASAF, CASP<br/>Chief Executive Officer<br/>American Planning Association</p> <p><br/>Deborah Lawlor, FASCF, PP<br/>AICP President<br/>American Institute of Certified Planners</p> <p><br/>American Institute<br/>of Certified Planners<br/><i>Creating Great Communities for All</i></p> |  <p><b>Society of Wetland Scientists<br/>Professional Certification Program, Inc</b></p> <p>grants the designation</p> <p><b>Professional Wetland Scientist</b></p> <p>For</p> <p><b>Savannah Morales</b></p> <p>In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 1/29/2023.<br/>Professional Wetland Scientist number 3627. Due to recertify by 1/29/2028.</p> <p></p> <p><br/>Rob McInnes, PWS<br/>President</p> <p><br/>Robert D. Shannon, Ph.D., PWS<br/>Review Panel Chair</p> |
|---|---|--|


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Secretary of State Nancy Landry

State of Louisiana Secretary of State

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225.932.5314 Corporations  
225.932.5318 UCC



### BAYOU ROUGE ENVIRONMENTAL & PLANNING, LLC

**General Information**

Name: BAYOU ROUGE ENVIRONMENTAL & PLANNING, LLC  
 Type: Limited Liability Company - Domestic  
 City: BATON ROUGE  
 Status: ACTIVE  
 Previous Names: N/A  
 Charter Number: 45708061K  
 Registration Date: 12/08/2023

**Domicile Address**

3346 DRUSILLA LANE  
 STE A  
 BATON ROUGE, LA 70809

**Mailing Address**

3346 DRUSILLA LANE  
 STE A  
 BATON ROUGE, LA 70809

**Status**

Status: ACTIVE  
 Annual Report Status: Yes  
 Last Report Filed: 11/18/2024  
 Type: Limited Liability Company - Domestic

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| Name         | Type                                 | City     | Status |
|--------------|--------------------------------------|----------|--------|
| WSP USA INC. | Business Corporation (Non-Louisiana) | NEW YORK | Active |

**Previous Names**

PARSONS BRINCKERHOFF, INC. (Changed: 5/2/2017)  
 PB AMERICAS, INC. (Changed: 11/3/2011)  
 PARSONS, BRINCKERHOFF, QUADE & DOUGLAS, INC. (Changed: 12/14/2006)

**Business:** WSP USA INC.  
**Charter Number:** 29600510F  
**Registration Date:** 10/11/1971

**Domicile Address**

ONE PENN PLAZA 4TH FLOOR  
 NEW YORK, NY 10119

**Mailing Address**

4139 OREGON PIKE  
 EPHRATA, PA 17522

**Principal Business Office**

ONE PENN PLAZA 4TH FLOOR  
 NEW YORK, NY 10119

**Registered Office in Louisiana**

3867 PLAZA TOWER DR.  
 BATON ROUGE, LA 70816

**Principal Business Establishment in Louisiana**

3867 PLAZA TOWER DR.  
 BATON ROUGE, LA 70816


**Status**

Privacy - Terms 1/9

[https://coraweb.sos.la.gov/CommercialSearch/CommercialSearchDetails.aspx?CharterID=138608\\_008059613E](https://coraweb.sos.la.gov/CommercialSearch/CommercialSearchDetails.aspx?CharterID=138608_008059613E)

21. QA/QC Plan: N/A

22. Sub-consultant information:

| Firm Name   | Address   | Point of Contact and email address  | Phone Number   |
|---|---|---|----------------|
|  | 1100 Poydras Street, Suite 1175,<br>New Orleans, LA 70163 | Max Nassar ( <a href="mailto:max.nassar@wsp.com">max.nassar@wsp.com</a> ) | (225) 218-3584 |

23. Location: N/A

# BAYOU ROUGE

Environmental  
& Planning

&

# WSP

