

PROPOSAL
FOR
RPC TASK NO. A-1.26STC; FY-26 UPWP
STAGE 0 FEASIBILITY STUDY
BARTON AVENUE (LA 3060) CORRIDOR
BICYCLE AND PEDESTRIAN ACCESSIBILITY
STUDY (US 90 TO LA 18)
LULING, LOUISIANA
FOR
THE REGIONAL PLANNING COMMISSION

SEPTEMBER 24, 2025

SUBMITTED BY:



DOTD FORM: 24-102

(Revised December 12, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	Stage 0 Feasibility Study Barton Avenue (LA 3060) Corridor Bicycle and Pedestrian Accessibility Study (US 90 to LA 18) Luling, Louisiana
2. Contract Number(s) as shown in the advertisement	RPC Task No. A-1.26STC; FY-26 UPWP
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	Horizon Engineering, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0007715
6. Prime consultant mailing address	1013 N Causeway Blvd, Ste 201 Metairie, LA 70001
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1013 N Causeway Blvd, Ste 201 Metairie, LA 70001
8. Name, title, phone number, and email address of prime consultant's contract point of contact	John Karlin, SE, PE, Co-Founder and Principal (504) 270-1830 jkarlin@horizonengineeringllc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	John Karlin, SE, PE, Co-Founder and Principal (504) 270-1830 jkarlin@horizonengineeringllc.com

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

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



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

September 23, 2025

Date:

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

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

Firm(s):
M. Johanna Leibe, L.L.C.

Firm(s)' %:
25%

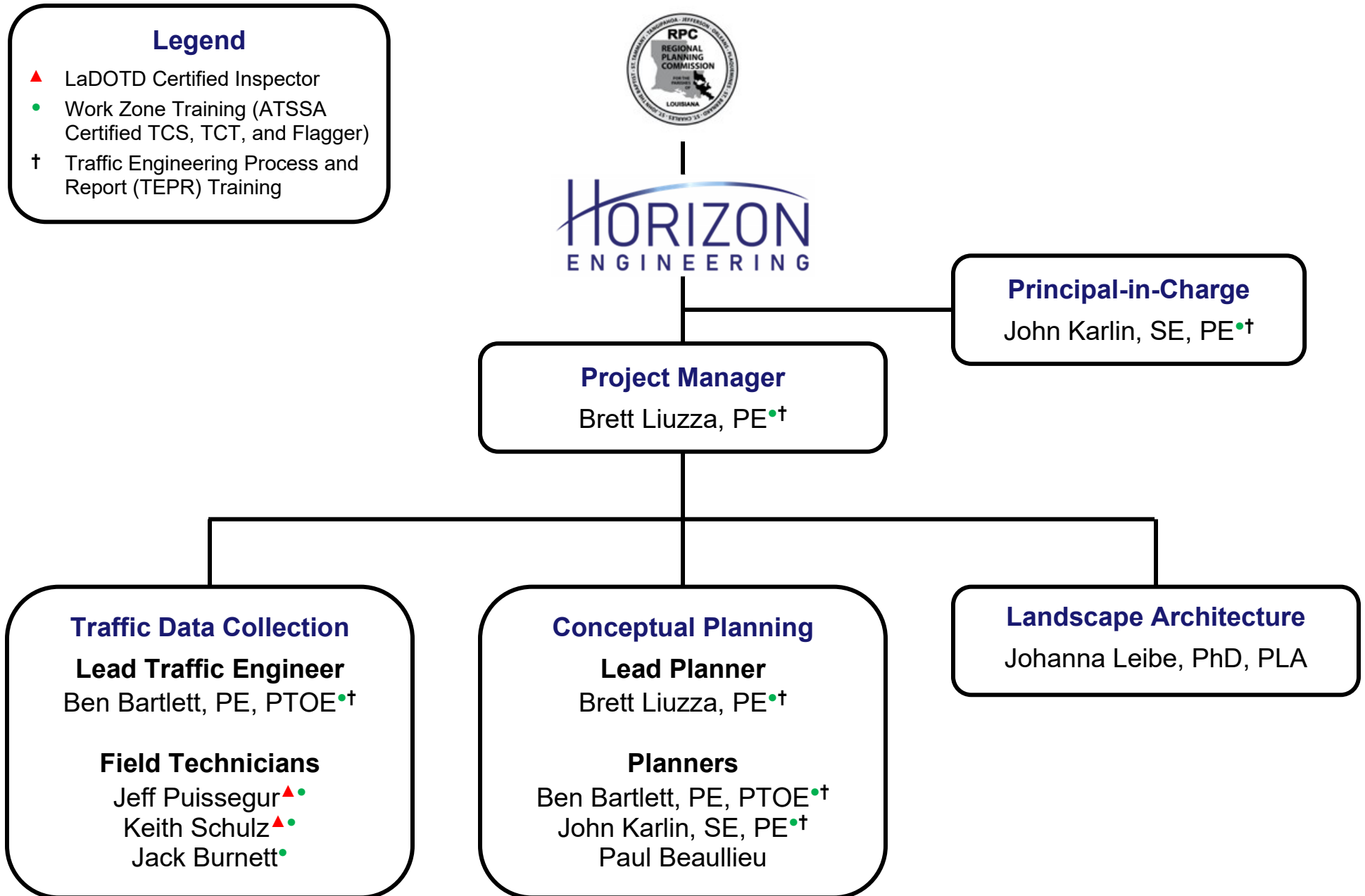
12. Discipline Table:

N/A per the answer to question 3 of "Questions about Request for Qualifications/RPC Responses" dated September 18, 2025.

13. Firm Size:

N/A per the answer to question 3 of "Questions about Request for Qualifications/RPC Responses" dated September 18, 2025.

14. Organizational Chart:



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
N/A	Brett Liuzza, PE	Horizon Engineering, LLC	PE #37753 – Civil	LA	9/30/2025
N/A	Ben Bartlett, PE, PTOE	Horizon Engineering, LLC	PE #38980 – Civil PTOE #4020	LA USA	9/30/2026 3/29/2028
N/A	John Karlin, SE, PE	Horizon Engineering, LLC	PE #44795 – Civil and Structural SE #081-008511	LA IL	3/31/2027 11/30/2026

*Each of the above personnel are also certified by the American Traffic Safety Services Association (ATSSA) as a Traffic Control Supervisor (TCS), Technician (TCT), and Flagger and the Louisiana Department of Transportation and Development (LaDOTD) for the Traffic Engineering Process and Report (TEPR).

16. Staff Experience:

Firm employed by Horizon Engineering, LLC				
Name	Brett Liuzza, PE		Years of relevant experience with this employer	1
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		Bachelor of Science / 2008 / Civil Engineering		
Active registration number / state / expiration date		37753 / LA / 9/30/2025		
Year registered	2013	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities		Role: Project Manager and Lead Planner Responsibilities: Project management, field investigation, conceptual planning, and coordination with RPC, St. Charles Parish, and other stakeholders.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/08 – Present	<ul style="list-style-type: none"> Over 16 years of road design and construction experience, including many recent DOTD and DOTD LPA projects involving sidewalks, curb ramps, and other pedestrian facility improvements. Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course. Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. 			
2013 – 2014	Leake Ave. Improvements Stage 0 Feasibility Study Owner: NORPC. Scope: Conceptual planning study for the potential realignment of Leake Avenue to establish new and improved sidewalks and bicyclist facilities and a landscaped buffer zone between the community and the Public Belt Railroad. Role: Project Manager and Civil Engineer. Prepared report including conceptual pedestrian crossing, striping, road, utility and drainage design. Prepared conceptual plans and typical sections for the report and public meetings and opinion of probable construction cost.			
2011	LA 3152 (Clearview Pkwy) @ US 61 (Airline Hwy) Stage 0 Feasibility Study Owner: NORPC. Scope: Conceptual planning study for potential intersection improvements. Role: Civil Engineer. Designed intersection geometrics for multiple potential options, including a continuous flow intersection and road widening to accommodate additional left turn lanes, in accordance with LaDOTD requirements. Coordinated with utility companies to determine required relocations for each option. Prepared conceptual plans for public meetings and report.			
01/09 – 03/10	St. Charles Parish Library – Paradis Branch Owner: St. Charles Parish. Scope: Site development, including drainage, sewer, and water lines and parking, driveways, curbs, sidewalks, and handicap ramps. Role: Civil Engineer. Performed drainage analysis and design and utility design. Designed parking lots and driveway entrances, sidewalk geometric layout, concrete pavement, concrete curb and gutter, 15” to 18” RCP, and sewer and water mains, valves, fittings, and offsets. Prepared plans, specifications, and opinion of probable construction cost. Involved in construction engineering and inspection.			
05/20 – 01/24	Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue) Owner: Jefferson Parish. Scope: Widening of existing 4-lane road and area-wide drainage improvements (1.0 miles of road and drainage). Cost: ~\$19,000,000 (est.). Role: Civil Engineer. Reviewed design of 15” to 72” RCP drainage system and tie-ins to surrounding drainage system. Designed asphalt pavement, concrete curb and gutter, pavement markings, sequence of construction, and temporary traffic control plan while accounting for site-related challenges, such as significant traffic demands, limited right-of-way, congestion of existing drainage and utilities, and the need to sequence construction to minimize disruptions to traffic.			

Brett Liuzza, PE (Continued)

05/21 – 12/22	<p>RR122 and RR123 Marlyville-Fontainebleau Groups G and H (FRC) Owner: City of New Orleans. Scope: Road reconstruction, including drainage, sewer lines, water lines, curbs, driveways, sidewalks, and curb ramps. Cost: ≈\$23,000,000 (est.). Role: Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed road, driveway, and sidewalk geometric layouts, asphalt pavement, concrete curb and gutter, 15” to 30” RCP, and sewer and water mains, valves, fittings, offsets, and house connections. Prepared plans, specifications, and opinion of probable construction cost. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.</p>
09/20 – 07/22	<p>Milneburg Group B (FRC) Streets Owner: City of New Orleans. Scope: Road reconstruction, including drainage, sewer lines, water lines, curbs, driveways, sidewalks, and curb ramps. Cost: ≈\$8,300,000. Role: Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed road, driveway, and sidewalk geometric layouts, asphalt pavement, concrete curb and gutter, 15” to 30” RCP, 18x11 to 51x31 RCPA, and sewer and water mains, valves, fittings, offsets, and house connections. Prepared plans, specifications, and opinion of probable construction cost. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.</p>
05/08 – 08/10	<p>S.P. No. 414-01-0039 Nicholson Drive (LA 30) Segment 1 (Brightside/W. Lee to Gourrier/Burbank) Owner: City of Baton Rouge. Scope: Widening of existing 2-lane asphalt road to 4 lanes (1.08 miles of road, drainage, and utilities). Role: Civil Engineer. Performed hydrologic and hydraulic analysis. Designed signalized intersection improvements to accommodate widened road, drainage system, utility relocations, grading, and pavement markings in accordance with LaDOTD requirements. Prepared preliminary plans, specifications, and opinions of probable construction cost.</p>
03/25 – Ongoing	<p>H.014049.6 – St. Bernard Pedestrian Improvements Owner: LaDOTD. Scope: Pedestrian facility improvements, including rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks, handrails, and other associated features. Cost: ≈\$500,000. Role: Project Manager and Lead Construction Engineer. Managed inspectors and performed inspections. Reviewed RFIs and submittals. Coordinated construction materials testing. Prepared change orders.</p>
07/23 – 01/24	<p>H.011779.6 – Power Blvd. Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicycle truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Construction Engineer. Managed inspectors. Reviewed RFIs, submittals, and pay applications. Coordinated construction materials testing. Prepared change orders. During construction, re-evaluated the location of a pedestrian crossing at Vintage Dr. and prepared a report that identified an improved crossing location based on vehicular and pedestrian traffic data as well as existing site features.</p>
07/13 – 05/22	<p>Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and road, pedestrian, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Project Manager and Lead Civil Engineer. Performed hydrologic and hydraulic analysis. Designed erosion control pavement geometric layout, tree preservation wall geometry, site grading, drainage pipes, drainage structures, drainage outfalls, and miscellaneous features. Prepared plans, specifications, opinions of probable construction cost. Coordinated with USACE and CPRA and prepared permit drawings for SLFPA-E, CPRA, and USACE. Managed inspectors and performed inspections. Reviewed RFIs, submittals, and pay applications. Prepared change orders and project closeout documentation.</p>

16. Staff Experience:

Firm employed by Horizon Engineering, LLC				
Name	Ben Bartlett, PE, PTOE		Years of relevant experience with this employer	1
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		Master of Civil Engineering / 2010 / Civil Engineering Bachelor of Science / 2008 / Civil/Environmental Engineering		
Active registration number / state / expiration date		PE: 38980 / LA / 9/30/2026 PTOE: 4020 / USA / 3/29/2025		
Year registered	PE: 2014 PTOE: 2016	Discipline	Civil Engineer Professional Traffic Operations Engineer	
Contract role(s) / brief description of responsibilities		Role: Lead Traffic Engineer and Planner Responsibilities: Traffic data collection and analysis and conceptual planning		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
06/10 – Present	<ul style="list-style-type: none"> Over 15 years of traffic engineering and road design experience, including traffic studies in accordance with DOTD TEPR requirements and DOTD LPA projects involving Intelligent Transportation Systems (ITS) and pedestrian facility improvements. Licensed Professional Traffic Operations Engineer with significant experience coordinating, designing, inspecting, and adjusting temporary traffic control to promote motorist, pedestrian, and worker safety within active construction zones. Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course. Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. 			
04/23 – 01/24	US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study Owner: Jefferson Parish. Scope: Traffic study in accordance with LaDOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). Fee: ≈\$190,000. Role: Lead Traffic Engineer. Led 5 field personnel for volume count, turning movement count, and driveway/median opening count equipment installation, peak period observations, and geometric field review. Determined peak period, peak hour, and unmet demand. Balanced volumes and prepared unbalanced and balanced volume maps. Performed traffic signal warrant analysis and crash data analysis. Prepared collision diagram and LaDOTD TEPR documentation.			
08/24 – 12/24	Zellwood Station Phase 3 Traffic Study and ICE Owner: Private. Scope: Traffic study in accordance with FDOT requirements to evaluate access to the ≈10.4 acre Zellwood Station site from US 441 / W Orange Blossom Trail. Fee: ≈80,000. Role: Lead Traffic Engineer. Reviewed volume counts, turning movement counts, driveway/median opening counts, and crash data along US 441. Performed traffic signal warrant analysis and crash data analysis. Evaluated sight distance requirements. Prepared conceptual layouts for multiple alternatives, including signalized intersection with new turn lanes, median openings, and driveways and adjustments to timing of adjacent traffic signals. Performed intersection control evaluation (ICE).			
10/18 – 07/19	Lakeshore Drive Vehicular and Pedestrian Traffic Study Owner: SLFPA-E. Scope: Vehicular and pedestrian traffic study along Lakeshore Drive. Fee: ≈\$40,000. Role: Project Manager and Lead Traffic Engineer. Led data collection and analysis (volume counts, turning movement counts, and pedestrian counts). Reviewed traffic accident reports, existing roadway geometry (<i>i.e.</i> , sight lines/distances), and crosswalk warrant analysis to determine traffic calming and pedestrian crossing improvement options.			

Ben Bartlett, PE, PTOE (Continued)

06/10 – 09/14	<p>St. Charles Parish Road Maintenance Program (2010 – 2014) Owner: St. Charles Parish. Scope: Annual inspection of all St. Charles Parish-owned roads and repair/replacement of deficient roads. Cost: ≈\$1,500,000 annually. Role: Program Manager and Lead Civil Engineer. Led road inspections. Developed road repair/replacement priority lists for the verifiable expenditure of state/federal funds. Designed asphalt pavement milling/overlay and patching, PCC pavement panel replacement, sidewalk modifications, ADA compliant curb ramps, and utility adjustments. Prepared plans, specifications, and opinions of probable construction cost.</p>
05/20 – 01/24	<p>Widening of Causeway Boulevard (Airline Drive to West Napoleon Avenue) Owner: Jefferson Parish. Scope: Widening of existing 4-lane roadway and area-wide drainage improvements (1.0 miles of road and drainage). Cost: ≈\$19,000,000 (est.). Role: Project Manager and Lead Civil Engineer. Led road design, hydrologic and hydraulic design, traffic signal design, and preparation of plans, specifications, and opinions of probable construction cost. Designed 15-inch to 72-inch RCP drainage system, tie-ins to surrounding drainage system, asphalt pavement, concrete curb and gutter, pavement markings, sequence of construction, and temporary traffic control plan while accounting for site-related challenges, such as significant traffic demands, limited right-of-way, congestion of existing drainage and utilities, and the need to sequence construction to minimize disruptions to traffic.</p>
05/23 – 01/24	<p>H.011779.6 – Power Blvd. Median Improvements Owner: City of Kenner (LaDOTD LPA project). Scope: Installation of a multi-use path and landscaping in the median of Power Blvd. as well as a pedestrian/bicycle truss bridge over Canal No. 1. Cost: ≈\$3,400,000. Role: Project Manager and Lead Construction and Traffic Engineer. During construction, re-evaluated the location of a pedestrian crossing at Vintage Dr. and prepared a report that identified an improved crossing location based on vehicular and pedestrian traffic data as well as existing site features.</p>
03/21 – 01/24	<p>H.013939.6 – Veterans Blvd Transit Signal Priority Owner: Jefferson Parish (LaDOTD LPA project). Scope: Installation of new traffic signal controllers and a transit signal priority system along Veterans Blvd. (32 intersections between Loyola Dr. in Kenner and Pontchartrain Blvd. in Orleans Parish and 22 Jefferson Parish Transit buses). Cost: ≈\$510,000. Role: Project Manager and Lead Construction Engineer. Coordinated priority system testing and advised on priority system requirements and operational gaps.</p>
01/20 – 06/21	<p>Lakeside Mall / Severn Avenue Intersection Traffic Study and Improvements Owner: Private. Scope: Traffic study to evaluate the Lakeside Mall entrance/exit along Severn Avenue. Fee: ≈\$40,000 (est.). Role: Project Manager and Lead Civil, Traffic, and Construction Engineer. Led 4 field personnel for volume count, turning movement count, and pedestrian count equipment installation. Performed additional field observations during peak traffic/shopping periods. Performed warrant analysis. Designed expansion of the existing entrance/exit, drainage and utility relocations (sewer, water, electricity, gas, and internet), and ADA compliant pedestrian routes. Prepared plans and specifications.</p>
04/14 – 06/23	<p>Rehabilitation of Causeway Boulevard/Airline Drive Interchange Owner: Jefferson Parish. Scope: Structural inspection and rehabilitation of 1950s elevated interchange (8 ramps, traffic circle, and 4 lane overpass). Cost: ≈\$13,000,000 completed, ≈\$46,000,000 (est.) remaining. Role: Lead Civil Engineer and Construction Engineer. Performed hydrologic and hydraulic analysis. Designed modifications to bridge drainage system, temporary traffic control plans, pavement markings, and other related features. Prepared plans, specifications, and opinions of probable construction cost (OPCC). Managed 4 inspectors; performed inspections; reviewed RFIs, submittals, and pay applications; coordinated construction materials testing; assisted with development of adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement; assisted with development of field adjustments for emergency deck repairs to replace failed expansion joint with only weekend road closures; prepared change orders; and prepared project closeout documentation.</p>

16. Staff Experience:

Firm employed by Horizon Engineering, LLC				
Name	John Karlin, SE, PE		Years of relevant experience with this employer	1
Title	Co-Founder and Principal		Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		Master of Science / 2017 / Civil (Structural) Engineering Bachelor of Science / 2016 / Civil Engineering		
Active registration number / state / expiration date		PE: 44795 / LA / 3/31/2025 SE: 081-008511 / IL / 11/30/2026		
Year registered	PE: 2020 SE: 2020	Discipline	Civil Engineer and Structural Engineer Structural Engineer	
Contract role(s) / brief description of responsibilities		Role: Principal-in-Charge and Planner Responsibilities: Contract administration, conceptual planning, and coordination with RPC, St. Charles Parish, and other stakeholders.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/17 – Present	<ul style="list-style-type: none"> Over 7 years of traffic engineering and road/bridge design experience. Completed the 3 modules of LTRC Traffic Engineering Process and Report (TEPR) Course. Certified ATSSA Traffic Control Supervisor (TCS), Technician (TCT), and Flagger. 			
09/17 – 03/18	US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Conceptual Planning Study Owner: NORPC. Scope: Conceptual planning study for potential intersection improvements (15 potential options). Role: Project Manager and Lead Traffic Engineer. Led coordination with RPC, LaDOTD, Jefferson Parish, and other stakeholders and the conceptual development of potential options to alleviate congestion, including modifications and improvements to the existing J-turn bridge, traffic signals, signage, and pavement markings. Prepared conceptual layouts for 15 potential options and opinions of probable construction costs for 5 potential options. Presented potential options to the public at public meetings.			
07/21 – 12/22	H.013897 – I-10 and I-12 College Flyover Ramp Design-Build Owner: LaDOTD. Scope: Replacement of I-10 WB flyover ramp; widening and rehabilitation of I-10 WB bridge over Ward Creek; and rehabilitation of I-12 to I-10 EB ramp and Essen Lane bridge over I-12. Cost: ≈\$50,000,000. Role: Lead Structural Independent Technical Reviewer. Reviewed plans and specifications. Analyzed reinforced concrete deck and barriers, 360’ skewed continuous steel plate girders, steel cross frames, PPC girders, reinforced concrete diaphragms, rolled steel girders, steel diaphragms, reinforced concrete bents, drilled shafts, and PPC piles. Identified potential design and constructability issues.			
01/21 – 01/24	Rehabilitation of Causeway Boulevard/Airline Drive Interchange Scope: Structural inspection and rehabilitation of 1950s elevated interchange (8 ramps, traffic circle, and 4 lane overpass). Cost: ≈\$18,000,000 completed, ≈\$41,000,000 (est.) remaining. Role: Project Manager, Lead Structural Engineer, and Lead Construction Engineer. Analyzed existing bents and girders. Designed structure jacking plan, steel girder strengthening and repairs, bent cap strengthening, reinforced concrete risers, post-installed adhesive anchors and reinforcing bars, elastomeric bearing pads, and coating of steel components. Prepared plans, specifications, and opinions of probable construction cost. Developed adjustments to post-installed adhesive anchor and reinforcing bar positions to avoid conflicts with existing reinforcement. Designed emergency deck repairs to replace failed expansion joint with only weekend road closures.			

John Karlin, SE, PE (Continued)

10/18 – 07/19	<p>Lakeshore Drive Vehicular and Pedestrian Traffic Study Owner: SLFPA-E. Scope: Vehicular and pedestrian traffic study along Lakeshore Drive. Fee: ≈\$40,000. Role: Traffic Engineer. Obtained and analyzed volume counts, turning movement counts, and pedestrian counts to assist with the determination of traffic calming and pedestrian crossing improvement options for Lakeshore Drive.</p>
01/23 – 01/24	<p>H.002956 – Earhart/Dakin Ramp Owner: LaDOTD. Scope: Exit ramp from Earhart Expressway to Dakin Street. Role: Structural Engineer. Designed reinforced concrete deck and barriers; PPC girders; reinforced concrete diaphragms; elastomeric bearings; and reinforced concrete shear keys. Designed pile bent (reinforced concrete bent cap and PPC piles) adjacent to existing bent to accommodate steel girder span without applying any additional load to the existing bent. Prepared plans.</p>
10/23 – 01/24	<p>Relocation of East St. Bernard Highway and Associated Utilities (CMAR) Owner: Port of New Orleans. Scope: Relocation of East St. Bernard Highway and associated utilities and construction of new bridge over railroad to facilitate construction of the ≈\$1.8B Louisiana International Terminal (1.05 miles of road, drainage, and utilities and 1,100-foot-long bridge). Cost: ≈\$50,000,000 (est.). Role: Lead Structural Engineer. Reviewed preliminary plans and other related information and prepared gap analysis identifying critical items to be addressed between preliminary and final design. Performed preliminary analysis and design of truss span (approximately 200 feet long) over railroad to reduce superstructure depth and bridge length. Prepared LaDOTD preliminary design report, including lane, shoulder, and median widths, superelevation, and other related design features, and value engineering proposals. Evaluated CMAR contractor value engineering proposals. Coordinated with LaDOTD, CMAR contractor, and other stakeholders.</p>
10/23 – 01/24	<p>H.004791 – Belle Chasse Bridge and Tunnel Replacement (Public-Private Partnership Project) Owner: LaDOTD/USACE. Scope: Replacement of 2-lane vertical lift Judge Perez Bridge and 2-lane Belle Chasse Tunnel with 4-lane fixed bridge over GIWW. Cost: ≈\$130,000,000. Role: Safety Assurance Review (SAR) Panel Lead Structural Reviewer. Led structural review in accordance with USACE SAR requirements. Visited site; reviewed plans, specifications, and structural analyses/calculations for vertical lift bridge demolition, tunnel decommissioning, and replacement of tunnel flood gates with permanent floodwalls considering the effect of construction on nearby existing levees and floodwalls; and identified potential public safety issues.</p>
04/23 – 01/24	<p>US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study Owner: Jefferson Parish. Scope: Traffic study in accordance with LaDOTD TEPR requirements (14 volume count, 12 turning movement count, and 17 driveway/median opening count locations). Fee: ≈\$195,000. Role: Project Manager and Traffic Engineer. Led coordination with Jefferson Parish, LaDOTD Traffic Engineering Division, RPC, JPSO, and LSP. Prepared scope of work. Managed 6 field personnel for volume count, turning movement count, and driveway/median opening count equipment installation, peak period observations, and geometric field review. Reviewed peak period, peak hour, unmet demand, balanced volumes, and unbalanced and balanced volume maps.</p>
09/17 – 03/22	<p>Seawall Erosion Control Paving Project (Reaches 1A-1C, 2A-2D, 3A-3C, 4, 5, and 5B) Owner: SLFPA-E. Scope: Fortification of the Lake Pontchartrain seawall and road, drainage, and lighting improvements (5.2 miles long). Cost: ≈\$50,000,000. Role: Structural Engineer and Construction Engineer. Designed pile and sheet piling layouts, grade beams, tree preservation walls, slabs, expansion joints, retaining walls, drainage outfalls, sheet pile pipe penetrations, and light foundations. Assisted with preparation of permit drawings for SLFPA-E, CPRA, and USACE for construction in proximity to existing Bayou St. John floodwalls. Performed reinforcement inspections. Reviewed RFIs and submittals. Assisted with review of pay applications and preparation of change orders and project closeout documentation.</p>

16. Staff Experience:

Firm employed by M. Johanna Leibe, LLC			
Name	Mary Johanna Leibe, PhD	Years of relevant experience with this employer	18
Title	Owner, Landscape Architect	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization	BLA/1994/Landscape Architecture; MLA/1998/Landscape Architecture; MSc/2015/Urban Studies; PhD/2016/Doctorate of Philosophy in Urban Studies		
Active registration number / state / expiration date	25-0553/Louisiana/01/31/2026		
Year registered	2006	Discipline	Landscape Architect
Contract role(s) / brief description of responsibilities	Landscape Architect		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
1993-present	Ms. Leibe has over 30 years of experience and has served as Project Manager, Project Landscape Architect, and Landscape Designer for many projects involving residential, urban and park planning and design, zoological design, campus planning, streetscape design and planning, and commercial landscape design. Ms. Leibe has produced numerous graphic illustrative proposals for clients seeking community approvals. Ms. Leibe received her PHD in 2016. Her research focused on the correlation between quality commercial landscape dosage and public health. Projects with associated experience that directly relates to this contract include the following:		
02/2010 – 11/2010	Highway 11 Streetscape Widening, Slidell, LA (Ms. Leibe’s role included the creation of conceptual plans and perspectives, which were used as a communication tool for stakeholders and adjacent community).		
2010-2012	Robert E. Lee Streetscape Project, New Orleans, LA (Streetscape Design and Construction Drawings for GEC, Inc. Design included elements such as pedestrian paths, bike lanes, and decorative crosswalks, decorative signage and street trees. M. Johanna Leibe, LLC served as the Landscape Architect of Record)		
2013-2014	Transportation Enhancement Activities, Kenner, LA (Streetscape Design / Before and After Imagery for GEC, Inc. Design included elements such as pedestrian paths, bike lanes, shared use paths, and decorative crosswalks, and landscape)		
07/2014 – 07-2015	Broad Street Corridor Streetscape Improvements, New Orleans, LA (Stage 0 Feasibility for Perez, APC. Ms. Leibe’s role in this extensive study included the preparation of a Stage 0 Feasibility Report and in the preparation of corridor enhancement options. Ms. Leibe also prepared photo-realistic imagery depicting proposed enhancements).		
08/2018 – 06/2019	Madisonville Pedestrian Bicycle Master Plan Feasibility Study, Madisonville, LA (Stage 0 Feasibility for Perez, APC. See Item 17 for project description).		
07/2014 – 05/2023	Severn Avenue Streetscape Improvements, Metairie, LA (Contract Documents for Perez, APC. Ms. Leibe’s role included design development collaboration and construction document drawing preparation inclusive of street trees, decorative sidewalks and crosswalks, and the design of street inlay mosaics at three locations along the corridor. She was the landscape architect of record. See item 17 for project description).		
09/2019 – 04/2024	Airline and Main Complete Streets, Laplace, LA (Ms. Leibe served as the Landscape Architect of record with GEC Inc. as prime. See Item 17 for project description).		

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*	Road, Traffic
Project name	St. Bernard Pedestrian Improvements (CE&I)		Firm responsibility (prime or sub?)	Prime
Project number	H.014049.6	Owner's name	LaDOTD	
Project location	Chalmette, Louisiana		Owner's Project Manager	Justin Guilbeau
Owner's address, phone, email	14101 Old Gentilly Rd, New Orleans, LA 70129 / (504) 253-6102 / justin.guilbeau@la.gov			
Services commenced by this firm (mm/yy)	03/25	Total consultant contract cost (\$1,000's)	106	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	106	

The St. Bernard Pedestrian Improvements project improved pedestrian facilities along LA 47 (Paris Rd.) and LA 39 (E. Judge Perez Dr.) by installing new rectangular rapid-flashing beacons, signage, high visibility crosswalks, pavement markings, a pedestrian refuge island, ADA compliant curb ramps, sidewalks, handrails, and other associated features. Horizon provided construction engineering and inspection services for the project. Construction was substantially completed in July 2025 and all punch list items were completed in August 2025. Horizon is currently preparing the project closeout documentation.

Firm Members Involved: Brett Liuzza, Ben Bartlett, John Karlin, Jeff Puissegur, and Keith Schulz

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*	Road, Traffic
Project name	S Larriviere Rd: LA 92 – Chemin Metairie (CE&I)		Firm responsibility (prime or sub?)	Prime
Project number	H.012867.6	Owner's name	City of Youngsville (LaDOTD LPA project)	
Project location	Youngsville, Louisiana		Owner's Project Manager	Terry Bourque
Owner's address, phone, email	201 Iberia St, Youngsville, LA 70592 / (337) 856-4181 / terrybourque@youngsvillela.gov			
Services commenced by this firm (mm/yy)	04/25	Total consultant contract cost (\$1,000's)	673	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	673	

The S Larriviere Rd: LA 92 – Chemin Metairie project will reconstruct approximately 1.2 miles of the existing asphalt road and roadside ditches, including new base course, asphalt pavement, concrete curb and gutter, subsurface drainage system (15" RCP to 48" RCP, manholes, and catch basins), pavement markings, signage, sidewalks, driveways, and sewer house connection adjustments. The project will also replace an existing bridge and RCP culvert with three 10'x9' precast concrete box culverts and two 8'x8' precast concrete box culverts, respectively, as well as cast-in-place concrete headwalls and flexible revetments. Horizon is currently providing construction engineering and inspection services for the project.

Firm Members Involved: Brett Liuzza, Ben Bartlett, John Karlin, Jeff Puissegur, and Keith Schulz

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*	Road, Traffic
Project name	Fortune Road Pavement Preservation (CE&I)		Firm responsibility (prime or sub?)	Prime
Project number	H.012868.6	Owner's name	City of Youngsville (LaDOTD LPA project)	
Project location	Youngsville, Louisiana		Owner's Project Manager	Terry Bourque
Owner's address, phone, email	201 Iberia St, Youngsville, LA 70592 / (337) 856-4181 / terrybourque@youngsvillela.gov			
Services commenced by this firm (mm/yy)	04/25	Total consultant contract cost (\$1,000's)	93	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	93	

The Fortune Road Pavement Preservation project milled, patched, and overlaid approximately 1.1 miles of the existing asphalt road and installed new pavement markings. Horizon provided construction engineering and inspection services for the project. Construction was substantially completed in June 2025 and all punch list items were completed in July 2025. Horizon is currently preparing the project closeout documentation.

Firm Members Involved: Brett Liuzza, Ben Bartlett, John Karlin, Jeff Puissegur, and Keith Schulz



17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*	Road, Traffic
Project name	Zellwood Station Phase 3 Traffic Study and ICE		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Zellwood Development Group, LLC	
Project location	Zellwood, Florida	Owner's Project Manager	Steve MacGeorge	
Owner's address, phone, email	2893 Upland Ridge, Chuluota, FL 32766 / (321) 356-1802 / stevemacgeorge@smacgeorge.com			
Services commenced by this firm (mm/yy)	08/24	Total consultant contract cost (\$1,000's)	78	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	78	

The Zellwood Site consists of approximately 10.4 acres and is located on the east side of W. Orange Blossom Trail (US 441). Horizon Engineering, LLC (Horizon) completed a traffic study to evaluate access to the site from US 441 in accordance with Florida Department of Transportation (FDOT) requirements. Horizon's duties included:

- Review existing volume counts, turning movement counts, and driveway/median opening counts along US 441.
- Review crash data along US 441, perform crash data analysis, and prepare collision diagrams.
- Perform traffic signal warrant analysis.
- Estimate increased traffic volume due to development of site.
- Evaluate sight distance requirements.
- Prepare conceptual layouts for multiple alternatives, including signalized intersection with new left turn lane from US 441, median openings, driveways, and adjustments to timing of adjacent traffic signals.
- Prepare preliminary temporary traffic control plans, highway and driveway plan and profile, and cross sections.
- Prepare preliminary drainage calculations.
- Coordinate with FDOT.

Horizon completed an Intersection Control Evaluation (ICE) for FDOT to evaluate the installation of a new signalized intersection on US 441, which is currently under review by FDOT.

Firm Members Involved: Ben Bartlett, Brett Liuzza, and John Karlin

17. Firm Experience:

Firm name	Horizon Engineering, LLC		Discipline(s)*	Road, Traffic
Project name	Zellwood Station Phase 3		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Zellwood Development Group, LLC	
Project location	Zellwood, Florida		Owner's Project Manager	Steve MacGeorge
Owner's address, phone, email	2893 Upland Ridge, Chuluota, FL 32766 / (321) 356-1802 / stevemacgeorge@smacgeorge.com			
Services commenced by this firm (mm/yy)	03/24	Total consultant contract cost (\$1,000's)		72
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		72

The Zellwood Site consists of approximately 10.4 acres and is located on the east side of W. Orange Blossom Trail (US 441). Horizon Engineering, LLC (Horizon) prepared a conceptual planning study to investigate the subdivision of the site, drainage requirements, and improvements to access from US 441; prepared final plans and specifications; and is currently awaiting permit reviews. Horizon's duties include:

- Review of site zoning information/maps, topographic and boundary surveys, traffic studies, and geotechnical investigations and reports.
- Preparation of preliminary site plans illustrating potential configurations of commercial lots within the site.
- Hydrologic and hydraulic modeling, analysis, and design to determine subsurface drainage and detention pond requirements for multiple configurations of the site.
- Coordination with the Florida Department of Transportation (FDOT), Federal Aviation Administration (FAA), St. Johns River Water Management District, Orange County, and City of Apopka.
- Investigation of potential improvements to access from US 441, including the feasibility of widening the existing shared driveway and adding new driveways, turn lanes, and/or a signalized intersection.
- Coordination and relocation of utilities.
- Permitting assistance.
- Preparation of final plans and specifications, including site grading; subsurface drainage and detention pond; widening of existing asphalt pavement driveway, new Portland Cement Concrete (PCC) pavement driveway, concrete curbs, sidewalks, curb ramps, and pavement markings; potential signalized intersection and associated median modifications; and other miscellaneous features.
- Construction support.

Firm Members Involved: Brett Liuzza, Ben Bartlett, and John Karlin

17. Firm Experience:

Firm name	M. Johanna Leibe, LLC	Discipline(s)*	Other (Landscape Architecture)
Project name	Madisonville Pedestrian Bicycle Master Plan Feasibility Study	Firm responsibility (prime or sub?)	sub
Project number	Project No. MC-2.19BP; FY-19 UPWP	Owner's name	Regional Planning Commission
Project location	New Orleans, LA	Owner's Project Manager	Karen Parsons
Owner's address, phone, email	10 Veterans Memorial Blvd., New Orleans, LA 70124, (504) 483-8514, kparsons@norpc.org		
Services commenced by this firm (mm/yy)	08/2018	Total consultant contract cost (\$1,000's)	\$45
Services completed by this firm (mm/yy)	06/2019	Cost of consultant services provided by this firm (\$1,000's)	\$12

This Stage "0" Feasibility study first included a thorough examination of pedestrian and vehicular infrastructure and patterns throughout the town. After meeting with various stakeholders, proposed roadway improvements were developed and included roadway revisions to slow traffic to 25 miles per hour while re-routing vehicular traffic for better flow through the town. Proposed enhancements along the roadway corridors to improve pedestrian accessibility included widened sidewalks, ADA compliant ramps and pavement at driveways and intersections, improved traffic signals and signage, decorative crosswalks at selected intersections, new curbs with designed curb-cuts at existing commercial developments, a new median along LA 22, street trees, and decorative pedestrian lighting. In addition, the proposed streetscape design and shared use bike lane locations were determined through the review of various data, such as vehicular counts and crash information, field measurements, the Tammany Trace (with the intent of connecting to the Tammany Trace in the future), bike lane locations proposed by the Center for Planning Excellence, and point of interest destinations.

As a consultant to Perez, APC, **M. Johanna Leibe**, helped prepare a masterplan and report that included design alternatives, before and after imagery and cost estimates.



Existing View of LA 21



View of LA 21 with proposed improvements inclusive of street trees, parallel parking, and a shared use path.

17. Firm Experience:

Firm name	M. Johanna Leibe, LLC	Discipline(s)*	Other (Landscape Architecture)	
Project name	Severn Avenue Streetscape Improvements		Firm responsibility (prime or sub?)	sub
Project number	Project No. A-1.15; FY-15 UPWP	Owner's name	Jefferson Parish	
Project location	Metairie, LA	Owner's Project Manager	Mark Drewes	
Owner's address, phone, email	1221 Elmwood Park Blvd., Jefferson, LA 70123; (504) 736-6500; MDrewes@jeffparish.net			
Services commenced by this firm (mm/yy)	07/2014	Total consultant contract cost (\$1,000's)	Unknown	
Services completed by this firm (mm/yy)	05/2023	Cost of consultant services provided by this firm (\$1,000's)	\$50	

The Severn Avenue Streetscape project began as a Regional Planning Commission bike, pedestrian and parking study that was undertaken by Perez, APC in 2013. The design study explored ways to foster connectivity between the heavy commercial large parcels within the Metairie CBD and the mixed use densely developed areas of Fat City in Metairie, LA. The report was then used to inform contract documents, which began in 2014 where ECM Engineers were the prime.

Site elements included street lane revisions (i.e., lane narrowing and two new turning lanes), new bike lanes, street trees, buffer plantings along commercial developments, parklets (inclusive of bike racks, benches, planters, and drinking fountains), concrete paver widened sidewalks, decorative crosswalks, and decorative mosaic street in-lays at three intersections. **M. Johanna Leibe** was the landscape architect of record for this project while working contractually for Perez, APC. Her scope included design development and the creation of contract documents inclusive of parklets, street trees, decorative crosswalks, and mosaic street inlay layout design.



View of Severn Ave. pre-construction



View of Severn Ave. with Improvements



View of Severn Ave. with Improvements

17. Firm Experience:

Firm name	M. Johanna Leibe, LLC	Discipline(s)*	Other (Landscape Architecture)
Project name	LASAFE Airline and Main Complete Streets Project	Firm responsibility (prime or sub?)	sub
Project number		Owner's name	St. John the Baptist Parish
Project location	LaPlace, LA	Owner's Project Manager	
Owner's address, phone, email	1221 Elmwood Park Blvd., Jefferson, LA 70123; (504) 736-6500; MDrewes@jeffparish.net		
Services commenced by this firm (mm/yy)	09/2019	Total consultant contract cost (\$1,000's)	Unknown
Services completed by this firm (mm/yy)	04/2024	Cost of consultant services provided by this firm (\$1,000's)	\$80

The main objective for the Airline and Main Street Complete Streets project was to reduce and mitigate flooding in this high-risk, low-lying area while creating a more inclusive, better connected complete streets environment. A combination of techniques such as improved drainage and various green infrastructure techniques was used to improve drainage. Street trees, narrowed travel lanes, bike lanes, and rain gardens were created along Main Street to calm traffic and create a pedestrian friendly environment. A corner lot, which was an existing bank was repurposed into a community park. The park exhibits several green infrastructure techniques along with interpretive signage and a large plaza a permeable lawn area for community events. The park also acts as a respite for bikers when final bike connectivity occurs linking trails to the north and south.

A shared use path was also created with bio-swales along Airline Highway. Native bio-swale plantings and native street trees were also designed along Airline Highway, but due to lack of funding, the plantings along Airline Highway were not implemented. **M. Johanna Leibe** was the landscape architect of record for this project while GEC Inc, was the prime. Scope included the creation of contract documents inclusive of the green infrastructure park, street trees, plantings, interpretive signage, park furniture, bike racks, rain gardens, bio-swale gardens, permeable gravel and grass paving.



View of Main Street pre-construction



View of Main Street with Improvements



View of Main Street Park with Improvements

18. Approach and Methodology:

RPC Task No. A-1.26STC FY-26 UPWP (Barton Avenue (LA 3060) Corridor Bicycle and Pedestrian Accessibility Study (US 90 to LA 18) Luling, Louisiana will investigate and evaluate potential pedestrian and bicyclist facility improvements along the approximately 0.9-mile Barton Avenue corridor between US 90 and LA 18. The goal of the study will be to expand upon the St. Charles Parish Comprehensive Pedestrian and Bicycle Master Plan by developing refined concepts that achieve compliance with DOTD's complete streets policy and the Americans with Disabilities Act (ADA). In addition to pedestrian and bicyclist improvements, other related road improvements, such as replacing existing open ditches with a subsurface drainage system, may be necessary to obtain the space required to implement the improvements. These infrastructure improvements will have a positive impact on the community by improving pedestrian and bicyclist safety, alleviating congestion along the corridor, and providing better access to residential areas and the Mississippi River trail. Horizon Engineering, LLC (Horizon) has reviewed the project limits and identified the following challenges that will need to be addressed during design to deliver a successful project.

1. CONSTRUCTABILITY

Horizon's personnel have recently provided CE&I services for multiple DOTD and DOTD LPA pedestrian facility improvement projects and are familiar with their associated challenges. We will identify and address

potential constructability issues during the conceptual planning phase to set the design phase up for success, reducing the potential for costly change orders during construction and ensuring that the project remains within budget. Common issues include excessive curb ramp, driveway, and sidewalk slopes affecting ADA compliance, failure to consider obstructions and other potential conflicts during the design phase, and poor sequencing of construction. Some of the existing driveways will likely have excessive slope within the sidewalk limits and need to be partially or fully reconstructed to achieve ADA compliance. Horizon will identify and address these locations ahead of time so that the selected conceptual options are feasible and do not need to be reworked during the design phase.

2. POTENTIAL CONFLICTS

The available space along the Barton Avenue Corridor is limited and contains many potential conflicts, such as utilities (power poles, gas/petroleum pipelines, fire hydrants, electrical cabinets, etc.), trees, street lighting, railroad crossings, drainage structures, open ditches, signs, mailboxes, and driveways/curbs. Horizon will begin coordinating with RPC, St. Charles Parish, utility companies, property owners, and other affected stakeholders as soon as possible and perform a field investigation to identify potential conflicts. Additionally, at locations with historic oak trees or other obstructions that cannot be relocated, we will identify the need for ADA compliant alternatives such as

reduced width sidewalk segments with passing zones.

3. COORDINATION

While the contract will be held by RPC, coordination with the St. Charles Parish and other affected stakeholders (e.g., DOTD, businesses, residents, and utility companies) will also be critical to ensure that all project team members are on the same page. Our Team includes a landscape architect that will work with RPC and St. Charles Parish to ensure that the improvements are aesthetically pleasing to the public, especially around historic oak trees.

4. SIGNALIZED INTERSECTIONS

None of the existing signalized intersections within the project limits have pedestrian signals, curb ramps, or crosswalks. Horizon will identify these locations for the future design of curb ramps and crosswalks, as well as recommend installing pedestrian signals if within the project budget to improve safety.

PLANNING SCOPE OF WORK

Horizon fully understands the scope of work and will complete all 7 tasks and associated subtasks listed in the Advertisement in accordance with applicable requirements, such as Americans with Disabilities Act (ADA); DOTD Roadway Design Procedures and Details (i.e., Road Design Manual); AASHTO A Policy on Geometric Design of Highways and Streets (i.e., Green Book); AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities; DOTD Complete Streets and Access

Connections Policies; and DOTD Engineering Directives and Standards (EDSMs). Horizon will implement the following approach and methodology, which highlights the major tasks required but is not all-inclusive, to complete the project safely, correctly, on time, and in accordance with RPC, DOTD, and St. Charles Parish's requirements:

TASK 1 – PROJECT MANAGEMENT

- **Project Schedule:** Prepare a detailed project schedule indicating required tasks, their durations, and major milestones.
- **Kickoff Meeting:** Meet with RPC to discuss project expectations and the project schedule. Prepare agenda and meeting minutes and distribute meeting minutes to all attendees.
- **Project Management Team (PMT) Meetings:** Coordinate with RPC to establish the PMT, consisting of personnel from RPC, St. Charles Parish, DOTD District 02, and other pertinent stakeholders. Meet (in-person or virtually) with PMT to discuss project progress and receive feedback. Prepare agendas and meeting minutes for each meeting and distribute meeting minutes to all attendees.
- **Community Meetings:** Coordinate with RPC to schedule community meetings to present concepts and receive community feedback. Prepare agendas, presentation materials, and meeting minutes for each meeting and distribute meeting minutes to RPC.

TASK 2 – EXISTING DATA AND PLANS

- **Existing Information Review:** Review existing data regarding land use, zoning, transportation, utilities, area demographics, and environmental conditions, and studies, such as the St. Charles Parish Comprehensive Pedestrian and Bicycle Master Plan.
- **Coordination With Related Projects:** Coordinate with stakeholders of related projects to minimize the potential for conflicts. Identify other related projects and recent modifications to the study area that could potentially impact the project.
- **Crash Data Review:** Review crash data and identify potential safety improvements.
- **Demographics Review:** Review geographic demographic and employment data and identify potential ways to address inequities during the planning process.
- **Permitting, Land Use, and Design Requirements:** Review applicable permitting, land use, and design requirements.
- **Vulnerability Review:** Review and verify previously identified vulnerabilities and identify new vulnerabilities if present.
- **Task Reports:** Prepare memoranda and task reports summarizing Task 2 subtask findings for inclusion in the Existing Conditions Evaluation Report.

TASK 3 – DATA COLLECTION

- **Field Survey:** Identify and document infrastructure within the study area that could potentially impact conceptual planning. Coordinate with RPC's GIS Coordinator to integrate field survey data into RPC's maps.
- **Traffic Data Collection:** Perform 7-day, 24-hour vehicular, pedestrian, and bicyclist traffic volume counts in accordance with LaDOTD TEPR and other related requirements. Identify peak periods and peak hours for scheduling of turning movement counts (TMCs). Perform TMCs during AM and PM peak periods.
- **Speed Study:** Collect speed data using volume count tubes. If inconsistencies or potential errors are identified, collect additional speed data using radar.
- **Task Reports:** Prepare task reports summarizing field survey and traffic study data.

TASK 4 – EXISTING CONDITIONS EVALUATION REPORT

- **Report:** Compile Task 2 task reports into an overall report summarizing the existing conditions of the study area.

TASK 5 – CONCEPTUAL PLAN DEVELOPMENT

- **Preliminary Concept Preparation:** Prepare preliminary concepts (plan views) illustrating safety, functional, and aesthetic improvements to the corridor,

including modifications to the road (geometry, new median, number and width of lanes, signage, etc.); pedestrian and bicyclist facilities (sidewalks, crosswalks, ADA ramps, bike lanes, lighting, etc.); drainage; and/or landscaping.

- **Final Concept Preparation:** In consultation with the PMT, identify promising preliminary concepts for further refinement. Prepare final concepts (plan views and cross sections) illustrating the selected preliminary concepts in further detail.

TASK 6 – PROGRAM OF PROJECTS

- **Opinion of Probable Construction Costs (OPCC):** Prepare preliminary OPCCs for each final concept.
- **Decision Matrix:** Prepare decision matrix that includes evaluation criteria such as safety, benefits to motorists, benefits to pedestrians, benefits to bicyclists, short-term impacts, and long-term impacts.
- **Funding Source Identification:** Identify potential funding sources for design and construction of final concepts.
- **Prioritization List:** Prepare list of final concepts ranked in accordance with the decision matrix that describes the deficiency to be improved, a description of the improvement(s), and the OPCC.

TASK 7 – DRAFT AND FINAL REPORT

- **Draft Report:** Prepare draft report that compiles and describes in further detail

previously prepared task reports, concepts, and other related information.

- **Final Report:** Review and incorporate PMT comments into final report. Submit final report to RPC and St. Charles Parish.
- **LaDOTD Stage 0 Documentation:** Prepare Stage 0 documentation for St. Charles Parish's preferred concept.

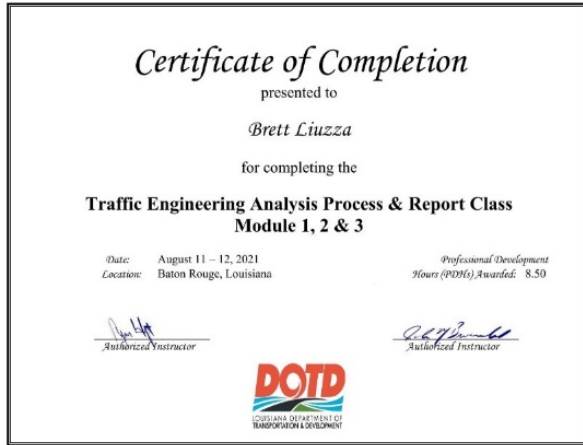
Our staff has led conceptual planning studies for major corridors, such as Causeway Blvd. in Jefferson Parish and Leake Ave. and Lakeshore Dr. in Orleans Parish; large traffic studies, such as the US 90 / Jefferson Hwy. at LA 3046 / Causeway Blvd. Traffic Study, which consisted of 14 volume count locations, 12 turning movement count locations, 17 driveway/median opening count locations, and associated data analysis in accordance with LaDOTD TEPR requirements; and other related projects such as pedestrian traffic studies, parking lot traffic studies, road design projects, and construction engineering and inspection for multiple LaDOTD and St. Charles Parish road projects. Please see Section 16 for additional information regarding the projects our staff has worked on. If selected, our staff will provide the same expertise and experience that it has on previous projects for RPC and St. Charles Parish. We appreciate RPC's consideration of our proposal and hope to earn the opportunity to work with RPC, DOTD, and St. Charles Parish to deliver a successful project that improves our community.

19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Horizon Engineering, LLC	CE&I/OV	Contract No. 4400029428 S. P. No. H.014049.6	St. Bernard Pedestrian Improvements (CE&I)	\$8,817
	CE&I/OV	Contract No. 4400029661 S. P. No. H.012868.6	Fortune Road Pavement Preservation (CE&I)	\$34,821
	CE&I/OV	Contract No. 4400030048 S. P. No. H.012867.6	S Larriviere Rd: LA 92 – Chemin Metairie (CE&I)	\$559,904
M. Johanna Leibe, L.L.C.	N/A	N/A	N/A	N/A

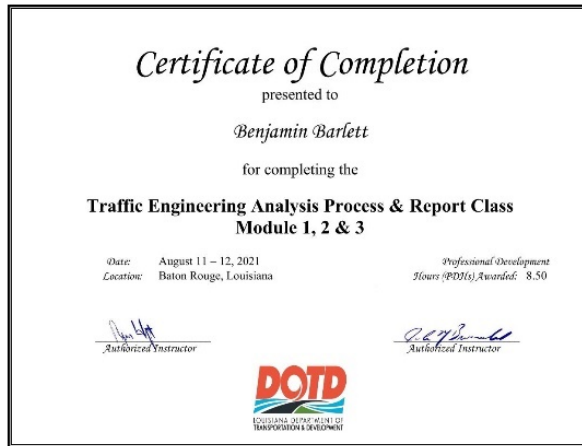
20. Certifications/Licenses:

Brett Liuzza, PE



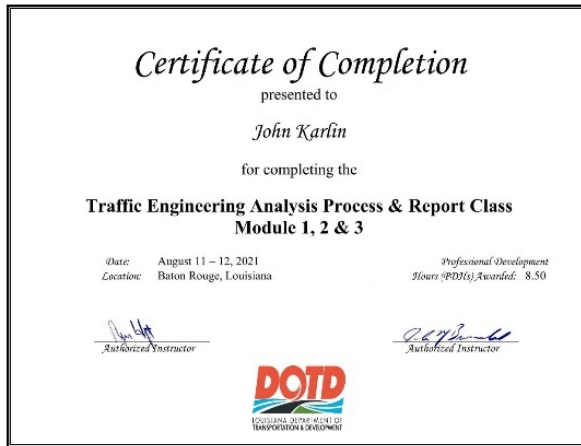
20. Certifications/Licenses:

Ben Bartlett, PE, PTOE



20. Certifications/Licenses:

John Karlin, SE, PE



21. QA/QC Plan: N/A

22. Sub-consultant information:

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
M. Johanna Leibe, L.L.C.	6887 West End Blvd New Orleans, LA 70124	Johanna Leibe, PhD, PLA johannaleibe@cox.net	(504) 231-6062

23. Location: N/A