STANLEYCONSULTANTS

Louisiana Department of Transportation and Development

IDIQ Contract for Roadway Design Services
Contract No. 4400023943

June 16, 2022

COVER LETTER

June 16, 2022

IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES
Contract No. 4400023943

Dear Sir or Madam:

Stanley Consultants has joined with Civil Design & Construction and Vectura to provide a comprehensive, experienced team that is immediately available to begin Task Orders (TOs) for this IDIQ Contract for Roadway Design Services. As Project Principal and Project Manager, Blake and Jesse can both attest to the importance of this contract to Stanley Consultants. The Stanley team has demonstrated the ability to consistently and successfully deliver both complex and non-complex projects of high quality. We are confident that the team we are providing the Louisiana Department of Transportation and Development (DOTD) is the best and most qualified for the following reasons:

- **Workload and Availability:** Stanley Consultants is at the 95% Final or later plan stage for its three largest projects creating a significant amount of availability within our team. We will be available to immediately begin working with the DOTD Project Manager on scoping tasks as soon as projects have been identified on this contract.
- **Project Team**: Stanley Consultants, Civil Design & Construction, and Vectura have all successfully teamed together on multiple DOTD projects. Communication lines are clear and defined. Relationships between our firms are strong.
- **Similar Project Experience:** Exemplified in our Sections 16 and 17, Staff Experience and Firm Experience respectively, are roadway design projects of the same scope of work and magnitude as typical projects administered via this IDIQ contract. Stanley Consultants has exhibited the successful delivery of these projects. Our Consultant Project Narratives will relay that story in detail.

We appreciate the opportunity to present our qualifications to you. The information and data submitted is true and complete to the best of our knowledge as certified by our signatures.

Sincerely,

Jesse Tisdale, PE
Project Manager
TisdaleJesse@stanleygroup.com
225-388-4220

Blake Roussel, PE, PMP
Project Principal
RousselBlake@stanleygroup.com
225-388-4211

TEAM

- ***Stanley Consultants, Inc.***
  Prime Consultant
- ***Vectura Consulting Services, LLC***
  Traffic
- ***Civil Design & Construction, Inc.***
  Location & Survey


I-12: LA 21 to US 190

Responsible Office
Stanley Consultants, Inc.
721 Government Street
Suite 302
Baton Rouge, LA 70802

Project Manager
Jesse Tisdale, PE
LA PE #40972

Project Principal
Blake Roussel, PE, PMP
LA PE #33279

DOTD FORM: 24-102

(Revised March 1, 2022)

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.

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

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

1. Contract title as shown in the advertisement	**IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES**
2. Contract number(s) as shown in the advertisement	**4400023943**
3. State Project Number(s), if shown in the advertisement	**N/A**
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	**Stanley Consultants, Inc.**
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	**EF 000762**
6. Prime consultant mailing address	**721 Government Street, Suite 302; Baton Rouge, LA 70802**
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	**721 Government Street, Suite 302; Baton Rouge, LA 70802**
8. Name, title, phone number, and email address of prime consultant's contract point of contact	**Blake Roussel, PE, Project Principal; 255.388.4211; Rousselblake@stanleygroup.com**
9. Name, title, phone number, and email address of the official with signing authority for this proposal	**Blake Roussel, PE, Project Principal; 255.388.4211; Rousselblake@stanleygroup.com**

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9): Blake S. Roussel Blake Roussel, PE, Project Principal Date: June 16, 2022	
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): Civil Design & Construction, Inc. Vectura Consulting Services, LLC	Firm(s)' %: 15% 13.5%

12. Past Performance Evaluation Discipline Table:

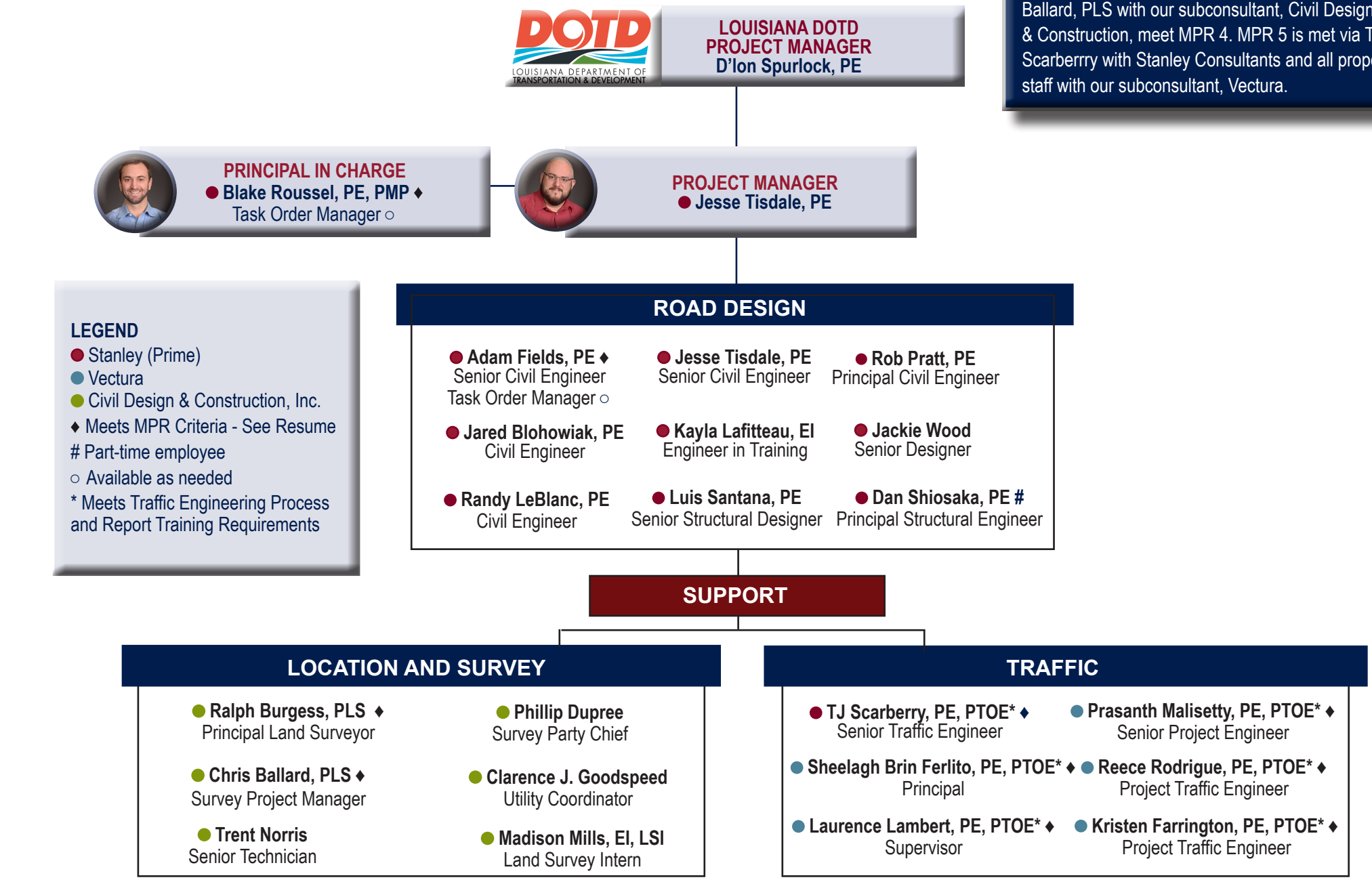
Evaluation Disciplines	% of Overall Contract	Stanley Consultants (Prime)	Civil Design & Construction	Vectura	Each Discipline must total to 100%
Road	70%	100%			100%
Traffic	15%	10%		90%	100%
Survey	15%		100%		100%
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant					
Percent of Contract	100%	71.5%	15.0%	13.5%	100%

13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Stanley Consultants, Inc.	Principal	1	3
Stanley Consultants, Inc.	Supervisor Engineer	3	5
Stanley Consultants, Inc.	Engineer	5	5
Stanley Consultants, Inc.	Engineer Intern	1	4
Stanley Consultants, Inc.	CADD Technician	1	3
Civil Design & Construction, Inc.	Surveyor	2	2
Civil Design & Construction, Inc.	Party Chief	3	5
Civil Design & Construction, Inc.	Instrument Man	2	2
Civil Design & Construction, Inc.	Rodman	2	2
Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	3	5
Civil Design & Construction, Inc.	Supervisor - Other	1	1
Vectura Consulting Services, LLC	Supervisor	2	2
Vectura Consulting Services, LLC	Engineer	3	5

The Stanley Consultants team was carefully assembled to assure compliance with DOTD required MPRs. Our Principal in Charge, Blake Roussel, PE, meets MPRs 1 and 2. Blake and Adam Fields, PE meet MPR 3. Ralph Burgess, PLS and Chris Ballard, PLS with our subconsultant, Civil Design & Construction, meet MPR 4. MPR 5 is met via TJ Scarberrry with Stanley Consultants and all proposed staff with our subconsultant, Vectura.

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 / certification & number	State of license	License / certification expiration date
1	Blake Roussel, PE	Stanley Consultants	Civil Eng / 33279 PMP / 2018301	LA USA	Sep 30, 2023 Mar 22, 2023
2	Blake Roussel, PE	Stanley Consultants	Civil Eng / 33279 PMP / 2018301	LA USA	Sep 30, 2023 Mar 22, 2023
3	Blake Roussel, PE	Stanley Consultants	Civil Eng / 33279 PMP / 2018301	LA USA	Sep 30, 2023 Mar 22, 2023
3	Adam Fields, PE	Stanley Consultants	Civil Eng / 35614	LA	Sep 30, 2022
4	Ralph Burgess, PLS	Civil Design & Construction, Inc.	PLS / 5040	LA	Sep 30, 2022
4	Chris Ballard, PLS	Civil Design & Construction, Inc.	PLS / 5033	LA	Sep 30, 2022
5	TJ Scarberry, PE, PTOE	Stanley Consultants	Civil Eng / 44867 PTOE / 3366	LA USA	Mar 31, 2023 Dec 26, 2024
5	Sheelagh Brin Ferlito, PE, PTOE	Vectura Consulting Services, LLC	Civil Eng / 0025383	LA	Sep 30, 2023
5	Laurence Lambert, PE, PTOE, PTP	Vectura Consulting Services, LLC	Civil Eng / 0029901	LA	Mar 31, 2024
5	Prasanth Malisetty, PE, PTOE, PTP, RSP1	Vectura Consulting Services, LLC	Civil Eng / 0035792	LA	Mar 31, 2023
5	Reece Rodrigue, PE, PTOE	Vectura Consulting Services, LLC	Civil Eng / 0042074	LA	Mar 31, 2024
5	Kristen Farrington, PE, PTOE	Vectura Consulting Services, LLC	Civil Eng / 0042785	LA	Mar 31, 2023

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc.				
Name	Jesse Tisdale, PE		Years of relevant experience with this employer	4	
Title	Senior Transportation Engineer		Years of relevant experience with other employer(s)	6	
Degree(s) / Years / Specialization			BS / 2013 / Civil Engineering		
Active registration number / state / expiration date			PE #40972 / LA / Mar 31, 2023		
Year registered	2016	Discipline	Civil Engineering		

Contract role(s) / brief description of responsibilities	**Contract Role:** Project Manager **Responsibilities:** Overall project management, single point of contact with DOTD, updating schedule and risk matrix, managing the ancillary non-design teams. **Bio:** Jesse has been responsible for the design and/or project management of roadways, highways, intersections, and roundabouts on many projects throughout Louisiana. He has completed 14 projects for DOTD. As project manager, he will provide efficient roadway corridor designs and plan development, rigorous preparation of contracts and specifications, and sensible project scheduling. He has a very diverse transportation background and brings a pragmatic approach to each project. Jesse believes in practical, safe and cost-effective design. Jesse is proficient in both design and management and is capable of fulfilling both roles simultaneously as projects warrant. His design expertise is with roadway/highway design, drainage, environmental permitting, construction sequencing, earthworks and estimating.

Jesse will use his years of DOTD experience to provide a straight forward and practical design for this project.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 - 04/22	**Lee Drive Widening; East Baton Rouge Parish, LA; MOVEBR:** Serving as Stanley Consultants' Project Manager and Lead Designer. Stanley Consultants is a subconsultant on this project responsible for all road design between Highland Road and the Bayou Duplantier Bridge. Jesse is responsible for the oversight of all roadway design for the portion the project that has been assigned to Stanley Consultants. This project involves developing the limited Lee Drive corridor into a widened footprint with a divided roadway, bike lanes, and pedestrian facilities.
12/17 - 04/22	**I-12: 1077 to LA 21; St. Tammany Parish, LA; DOTD:** Serving as Project Manager, Jesse was responsible for all project/design oversight. This included horizontal and vertical alignment, drainage design, sequence of construction, 3d modeling, signing, and striping. Additional responsibilities included coordination, quality control reviews, project coordination with sub consultants, and scheduling.
11/18 - 05/21	**H.010960 LA 30 Roundabouts at Tanger & I-10, Ascension Parish, LA; DOTD:** Project Manager/Lead Design Engineer responsible for providing oversight for all necessary engineering and related services required for the design of four multi-lane roundabouts along LA 30 at the heavily traversed commercial interchange at I-10 in Gonzales, LA. Mr. Tisdale also provided QA of typical sections, pedestrian and bicycle design, roadway geometrics, roundabout geometrics, drainage design, and driveway details for this project
04/17 – 09/21	**H.011909 US 171 at Boone St. Roundabout, Vernon Parish, LA; DOTD:** Serving as Project Manager, Jesse was responsible for assisting design of a three-legged multi-lane roundabout and multiple intersection improvements along US 171. Tasks also include, budgeting, project cost estimation, utility coordination, and QA for the design and construction plans. This project involves engineering and related services to develop construction plans for a multi-lane (Hybrid) roundabout at the intersection of US 171 and Boone Street to allow for improvements to safety and efficiency, while utilizing best access management practices along the corridor.

9/19 - 4/22	**Stone Road to Powell Drive Extension, St. Tammany Parish, LA:** Project Manager for engineering design services for a new greenfield connector roadway between Ben Thomas Road and Powell Drive as well as widening and drainage improvements to an existing section of Powell Drive. The purpose of this project is to accommodate industrial traffic accessing and egressing Interstate 12 to the north by providing improved system linkage with a new north-south connector roadway and improving an existing roadway within the project limits.
09/16 – 05/21	**I-12: LA 21 to US 190 & I-12, St. Tammany Parish, LA; DOTD:** Serving as Project Manager, Jesse was responsible for assisting and overseeing the horizontal and vertical alignment design, drainage design, and sequence of construction with minimum temporary traffic control layout and striping according to DOTD specifications, standards and design criteria. His additional responsibilities include standard project manager duties including coordination, QC of plans and design, project coordination and scheduling. Design tools used for this project included MicroStation, Inroads, CADConform, Bentley InRoads, DOTD HydrWIN and Microsoft Project.
4/16 - 1/18	**Dijon Drive Extension Phase I & II, Confidential Client, East Baton Rouge Parish, LA:** Project Manager/Lead Designer responsible for a proposed four lane divided highway project between Essen Lane and Bluebonnet Boulevard. Project management responsibilities included budget coordination with local, city, and state agencies, design and construction scheduling coordination to prevent conflict from major construction in the surrounding areas, coordination with several private entities and other public departments working on designing or constructing projects in the vicinity of the roadway, and coordinating subsurface drainage to combine roadway drainage and drainage from private properties adjacent to the new roadway. Design responsibilities included the geometric roadway design, roadway modeling, and overseeing drainage design.
04/15 - 12/17	**Harveston Way, Private Client, East Baton Rouge Parish, LA:** Lead Designer responsible for the design of new 4 lane divided asphalt roadway, a single lane roundabout, a shared use path, sidewalks facilities, and all associated roadway drainage. Mr. Tisdale was responsible for developing the plans, and coordinating with ongoing development adjacent to the planned roadway.
10/13 - 04/15	**US 11 @ Cleo Road Roundabout, DOTD, St. Tammany Parish, LA:** Lead Designer responsible for the design and plan development of a single lane roundabout at US 11 and Cleo Rd. This roundabout design included special design details for the WB-67 design vehicle due to two distribution warehouses located on Cleo Rd. This project additionally involved the design of a 4th leg that is to be built at a later date when private development north of the roundabout is complete.
07/13 - 04/15	**LA 477 @ I-12 Roundabouts, DOTD, Livingston Parish, LA:** Engineer-In-Training assisted in the design of the roundabouts at LA 447 and I-12. Mr. Tisdale was responsible for the preliminary drainage design as well as the preliminary InRoads Modeling of the Roundabout approaches. Mr. Tisdale also assisted the Project Manager/Lead Designer in development of the plans and cost estimates for the project.

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc.			
Name	Blake Roussel, PE, PMP	Years of relevant experience with this employer	14	
Title	Senior Transportation Engineer	Years of relevant experience with other employer(s)	5	
Degree(s) / Years / Specialization		BS / 2003 / Civil Engineering		
Active registration number / state / expiration date		PE #33279 / LA / Sep 30, 2023; PMP #2018301 / USA / Mar 22, 2023		
Year registered	2007	Discipline	Civil Engineering / Project Management Professional	

Over the past two decades, Blake has designed or managed 20 DOTD projects.

Meets MPRs No. 1 - 3

Contract role(s) / brief description of responsibilities

Contract Role: Project Principal

Responsibilities: Overall contract management, available task order manager to provide redundancy in the project manager role should multiple task orders be ongoing concurrently.

Bio: Blake specializes in managing design teams for the development of transportation infrastructure projects. Over his two-decade career in Louisiana, he has designed or managed 20 projects for DOTD. His professional experience encompasses project management and construction plan preparation for complete streets, road design, and highway projects, in accordance with DOTD plan preparation guidelines. Prior to joining Stanley Consultants, he gained valuable transportation experience while employed by DOTD.

Blake is a certified Project Management Professional (P.M.P.), which is recognized across the world as the gold standard in project management. This rigorous study and certification process prepared him to lead his team effectively and efficiently. His design experience includes geometrics, earthwork, drainage, utilities relocation, traffic control, quantities computations, cost estimating, preparation of final contract documents, development of three-dimensional roadway models, and roadway design using MicroStation and ORD.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
06/15 - 04/22	**H.011781 LA 675 & LA 87 Improvements, DOTD, Iberia Parish, LA:** Project Manager responsible for the overall supervision of engineers performing the survey, road design and plan preparation; coordination with the owner; reviewing the plans; checking compliance with the design criteria; and completing all required forms and documents in support of the plan package. Design tools used for this project included MicroStation, Excel, and HYDRWIN.
11/18 - 04/22	**H.011137 I-12 LA 21 to US 190, DOTD, St. Tammany Parish, LA:** Project Principal responsible for assisting and overseeing portions of the horizontal and vertical alignment design, drainage design, and sequence of construction with minimum temporary traffic control layout and striping according to DOTD specifications, standards and design criteria. Additional responsibilities include standard project manager duties including coordination, QC of plans and design, project coordination, and scheduling.
06/18 -01/21	**H.012964 US 61: Bluebonnet Blvd to S. End US 190, DOTD, East Baton Rouge Parish, LA:** Project Manager responsible for the overall supervision of engineers performing the survey, road design and plan preparation; coordination with the owner; reviewing the plans; checking compliance with the design criteria; and completing all required forms and documents in support of the plan package. Design tools used for this project included MicroStation.
10/18 - 03/20	**H.012304.5 LCG Road Overlay Program, DOTD, Lafayette Parish, LA:** Project Manager responsible for field surveying and capturing topographic features and measuring CL stationing. Duties also include plan development, determining quantities and pay items according to DOTD specifications, standards and design criteria. Design tools used for this project included MicroStation with CadConform, Bentley InRoads and Microsoft Excel.

10/18 - 12/19	**H.012861 Prejean Road, DOTD, Lafayette Parish, LA:** Project Manager responsible for field surveying and capturing topographic features and measuring CL stationing. Duties also include plan development, determining quantities and pay items according to DOTD specifications, standards and design criteria. Design tools used for this project included MicroStation with CadConform, Bentley InRoads and Microsoft Excel.
03/17 - 08/19	**H.009633 LA 67: EBR P/L to 8 Miles North of EB, DOTD, East Feliciana Parish, LA:** Project Manager responsible for the overall supervision of engineers performing the survey, road design and plan preparation; coordination with the owner; reviewing the plans; checking compliance with the design criteria; and completing all required forms and documents in support of the plan package. Design tools used for this project included MicroStation.
06/13 - 04/19	**Village De L'est Neighborhood, City of New Orleans, New Orleans, LA:** Project Manager responsible for the roadway scoping, pavement rehabilitation design, plan preparation, construction administration, and construction resident inspection for urban local roadways. The scoping phase includes a Project Scope Report based on the results of pavement damage inspection review and assessment and its applicable rehabilitation recommendations. The scoping report includes scoping plans, pavement rehabilitation quantities, pavement damage inspection photos, as well as a written scoping report. Preliminary plan scope of work includes Milling and Asphaltic Concrete (AC) Overlay, AC patching, Portland Cement Concrete Patching, Composite Pavement Patching, driveway repairs, sidewalk repairs, waterline repairs, utility adjustments, and sanitary sewer repairs.
10/16 - 09/18	**H.009508 LA 2: Caney Creek Bridge to Webster P/L - Pavement Preservation Program, DOTD, Bossier Parish, LA:** Project Manager responsible for the overall supervision of engineers performing the survey, road design and plan preparation; coordination with the owner; reviewing the plans; checking compliance with the design criteria; and completing all required forms and documents in support of the plan package. Design tools used for this project included MicroStation.
01/17 - 06/18	**Bootlegger Road Mill and Overlay and Bootlegger Road Bridge Design, St. Tammany Parish Government, St. Tammany Parish, LA:** Project Principal responsible for the right of way mapping, soil analysis, traffic data inventory, feasibility study, conceptual engineering design, opinion of construction cost, preliminary wetland assessment, and Corps of Engineers (USACE) jurisdictional determination for the mill & overlay and bridge design along a 3-mile segment of Bootlegger Road located in Covington.
03/13 - 08/13	**H.010297 LA 520, Jct. US 79 Widening, DOTD, Claiborne Parish, LA:** Project Manager responsible for the roadway rehabilitation design and plan preparation for approximately 6 miles of rural roadway under DOTD Pavement Preservation Program. In this role, he was responsible for the overall supervision of engineers performing the design and plan preparation, coordination with the owner, reviewing the plans, and checking compliance with the design criteria.
06/11 - 10/12	**Paths to Progress Program - Groups 21, 24, 29, and 33, DOTD, New Orleans, LA:** Lead Civil Engineer responsible for survey supervision, design, and plan preparation. Design tasks included verification of damage inspection reports, preparation of the design quality control plan, incorporation of drainage and utility improvements, and overlay rehabilitation plan preparation. Construction activities include cold plane of asphaltic concrete, asphaltic concrete patching, Portland cement concrete patching, superpave asphaltic concrete overlay, striping, ADA ramps, sidewalk repair, bicycle lanes, and landscaping enhancements.
06/08 - 09/09	**Submerged Roads Program - Groups 6 and 11, DOTD, New Orleans, LA:** Civil Engineer responsible for the verification of damage inspection reports and the preparation of the Design Quality Control Plan. Responsibilities also included repaired storm-drainage pipe using cured-in-place pipe lining for 18", 21" and 24" pipes, milling, asphalt overlay, asphalt patching, concrete repairs, sidewalk repairs, curb replacement, and rehabilitation of manhole and catch basin repairs.

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc.		
Name	Adam J. Fields , PE	Years of relevant experience with this employer	4
Title	Senior Transportation Engineer	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering	
Active registration number / state / expiration date		PE #35614 / LA / Sep 30, 2022	
Year registered	2010	Discipline	Civil Engineering

Contract role(s) / brief description of responsibilities	**Contract Role:** Roadway Engineer **Responsibilities:** Lead the development of roadway and intersection plans. Available task order manager to provide redundancy in the project manager role should multiple task orders be ongoing concurrently. **Bio:** Adam is experienced in design for local roads, highways and roundabouts in accordance with DOTD standards and specifications. His experience has included project/task management, roadway alignment studies; development of horizontal and vertical geometrics; typical sections; intersection details; roadway drainage calculations, earthwork design; development of traffic control and staging plans, roadside safety features and development of quantities, technical specifications, and construction cost estimates. He is skilled in development of three-dimensional roadway models and roadway design utilizing MicroStation, AutoCADD, InRoads and OpenRoads software.

Adam will use his 16 years of diverse design experience to lead the plan development of roadways, intersections. and roundabouts.

Meets MPR No. 3

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
10/18 - 04/22	**H.010960 LA 30 Roundabouts at Tanger & I-10, DOTD, Ascension Parish, LA:** Civil Engineer responsible for providing oversight for all necessary engineering and related services required for the design of four multi-lane roundabouts along LA 30 at the heavily traversed commercial interchange at I-10 in Gonzales, LA. Mr. Tisdale also provided QA of typical sections, pedestrian and bicycle design, roadway geometrics, roundabout geometrics, drainage design, and driveway details for this project.
10/18 - 04/22	**H.011137 I-12: LA 21 to US 190 DOTD St. Tammany Parish, LA:** Design Lead responsible for horizontal and vertical alignment, typical sections, sequence of construction with minimum temporary traffic control layout and striping according to DOTD specifications, standards and design criteria. Design tools used for this project included MicroStation with CadConform, Bentley InRoads and Microsoft Excel.
10/18 - 03/20	**H.012304 LCG Road Overlay Program DOTD Lafayette Parish, LA:** Design Lead responsible for field surveying and capturing topographic features and measuring CL stationing. Duties also include plan development, determining quantities and pay items according to DOTD specifications, standards and design criteria. Design tools used for this project included MicroStation with CadConform, Bentley InRoads and Microsoft Excel.
10/18 - 12/19	**H.012861 Prejean Road Pavement Preservation DOTD Lafayette Parish, LA:** Design Lead responsible for field surveying and capturing topographic features and measuring CL stationing. Duties also include plan development, determining quantities and pay items according to DOTD specifications, standards and design criteria. Design tools used for this project included MicroStation with CadConform, Bentley InRoads and Microsoft Excel.
10/18 - 03/22	**H.011781 LA 675 and LA 87 Improvements in New Iberia Pavement Preservation Program; DOTD; Baton Rouge, LA:** Design Lead responsible for plan development, drainage design, determining quantities and pay items according to DOTD specifications, standards and design criteria. Design tools used for this project included MicroStation with CadConform, Bentley InRoads, HYDRWIN drainage modeling software and Microsoft Excel.

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc.			
Name	Rob Pratt, PE		Years of relevant experience with this employer	2
Title	Principal Civil Engineer		Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization			BS / 1993 / Civil Engineering	
Active registration number / state / expiration date			PE #46614 / LA / March 31, 2022; PE #32964 / CO / Oct 31, 2023	
Year registered	1998	Discipline	Civil Engineering	

Rob has 32 years of transportation design and management experience.

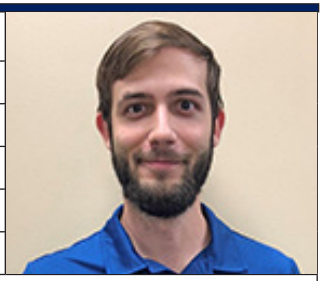
Contract role(s) / brief description of responsibilities	**Contract Role:** Roadway Engineer **Responsibilities:** Assist team with maintenance of traffic and sequence of construction designs. **Bio:** Rob has over three decades of multidisciplinary experience in transportation planning, design, construction management and construction. He has a substantial amount of involvement with alternate delivery projects including design-build and CMAR. Having worked for a large national contractor, he brings the unique perspective of understanding both design and construction.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
09/21 - 11/21	**H.010960 LA 30 Roundabouts at Tanger & I-10, DOTD, Ascension Parish, LA:** QC/Constructability Expert for reviewing roundabout plans on the LA 30 Roundabouts at Tanger Mall and I-10. Developed QC and constructability report for each of the 3 roundabouts taking special note of construction sequencing.
07/13 - 12/16	**Confluence Drive; Delta, CO:** CMAR Design Project Manager for the planning, design and CM of new $30M, 2-mile urban freeway bypass around the west side of Delta. Included all environmental, right-of-way (ROW), drainage, and wetland relocation. Four-lane divided highway with two bridges over RR tracks, several signalized intersections, one at grade RR crossing and connections to three US or State Highways. CMGC process saved the project an estimated $8M (25%).
10/21 - 04/22	**Eastonville Road; El Paso County, CO:** CMAR Project Manager for roadway improvements of 5-miles of urban & rural roadway. Project corridor has many access challenges, three schools, multiple parks and ongoing residential and commercial development.
02/18 - 05/19	**Gross Reservoir Expansion; Boulder County, CO:** CMAR Design Manager for the transportation design portion of the $460M expansion of the Gross Reservoir Dam. Project included design of 2-miles of SH 72, 5-miles of county roadways, 2-miles of haul roads and one mile of multi-use trail. Required detailed route and safety analysis to transport in the materials necessary to produce 900,000 CY of concrete.
02/05 - 09/05	**Cheyenne Mountain Safety Improvements; Colorado Springs, CO:** CMAR Project Manager for roadway improvements adjacent to elementary school. Project included widening the roadway, intersection improvements, pedestrian safety enhancements and drainage.

12/19 - 11/20	**Connect Sarpy; Gretna, NE:** CMAR Project Manager for the development of 5 miles of gravel or new roads into paved boulevards. Project also included multiple bridges, rail overpass, traffic signals, roundabouts, and ROW.
10/14 - 05/19	**North Metro Rail Line; Denver, CO:** Design/Build Transportation Design Manger for the development of 17-miles of commuter rail. Project included dozens of urban freeway / roadway upgrades, signalized intersections, roundabouts,10 at grade rail crossings, six park-n-ride stations, five trail segments, multiple trail underpasses, and almost 5 miles of bridges.
03/95 - 02/97	**Harvey's Casino & Resort; Council Bluffs, IA :** CMAR Transportation Engineer for the development of a new hotel and birthing slip for riverboat casino on the Missouri River. Project included roadways, I-29 interchange improvements, parking lots, improvements to the levee, trails, utilities, storm water pump station and UPRR underpass.
04/18 - 05/19	**Caldwell Canyon; Soda Springs, ID:** CMAR Design Project Manager for county road improvements, rail loading station and a new mining haul road. Project included wetland coordination and multiple drainage ponds.
06/97 - 06/98	**Bunge Soybeen Processing Plant; Council Bluffs, IA:** CMAR Design Engineer for the development of a large soybean processing plant and transfer center. Project included improvements to I-29 Interchange, multiple new roadways and 4 rail sidings.
03/18 – 09/18	**Southeast Rail Extension; Lone Tree, CO:** Design/Build Transportation Design Manger for the design of 5-miles of light rail. Project included roadway upgrades, signalized intersections, park-n-ride stations, trails, and bridges over I-25.
02/06 - 09/06	**Martinez Elementary School; Colorado Springs, CO:** CMAR Design Manager for improvements to transportation and pedestrian infrastructure. Project included roadway improvements, trails, sidewalks, ADA upgrades and new parking areas.
04/03 - 12/03	**US 34, Sterling, CO:** CMAR Design Project Manager for improvements along US 34, including signalized intersections for the development of a new Wal-Mart. Worked with the CMAR contractor to address long lead items and get them ordered so the project could be completed on opening day of the store.
01/05 - 07/05	**Federal Drive Safety Improvements, Colorado Springs, CO:** CMAR Design Project Manager for multiple safety improvements along Federal Drive to allow the safe movement of pedestrians between two large Lockheed Martin buildings. Project included bulb outs, raised crosswalks, thump bars and in-pavement lighting and passive activated signage.
03/17 - 10/17	**Fishers Canyon Trail, Fountain, CO:** Design Build Project Manager for approximately one mile of trail replacement due to a flood. Project included a 100-ft pedestrian bridge, channel improvements and scour protection along new trail.
07/19 - 10/20	**US 275, Scribner, NE:** Design Build Project Manager for the widening of 17 miles of freeway from 2-lanes to 4-lanes. Project included 8 bridges, channel improvements, a new levee around Scribner and multiple signalized intersections. Project was canceled after preliminary design due to funding constraints.
09/10 - 06/11	**Pikes Peak Greenway Trail, Colorado Springs, CO:** Design Build Project Manager for 5-miles of new 12' wide trail along Fountain Creek. Project included multiple pedestrian bridges, pedestrian roundabouts, boardwalks over wetlands, underpasses and many retaining walls.
01/21 - 04/22	**56th Avenue, Denver, CO:** Design Build Utility Program Manager for 2 miles or urban arterial widening from 2 to 4-lanes. Worked with the design-build team to locate and develop practical utility relocation solutions.
02/18 - 10/18	**Aurora Lift Station, Aurora, CO:** CMAR Transportation Design Manager for the roadway and infrastructure work necessary to construct new very large water lift station.
02/05 - 10/05	**Cottonwood Creek Trail, Colorado Springs, CO:** Design Build Project Manager for 4-miles of new 12' wide trail along Cottonwood Creek. Project included signalized intersections, pedestrian bridges and long segments of channel stabilization to accommodate benching in a trail.

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc.			
Name	Jared Blohowiak, PE	Years of relevant experience with this employer	4	
Title	Civil Engineer	Years of relevant experience with other employer(s)	1	
Degree(s) / Years / Specialization		BS / 2017 / Civil Engineering		
Active registration number / state / expiration date		PE #46547 / LA / Sep 30, 2022		
Year registered	2022	Discipline	Civil Engineer	



Jared has 4 years of experience designing DOTD projects.

Contract role(s) / brief description of responsibilities

Contract Role: Roadway Designer

Responsibilities: Assist design team with roadway plan development.

Bio: Jared has worked on numerous DOTD projects providing design support, modeling, CADD and detail checks to ensure plan sets are in compliance with specifications and standards. He has been responsible for the creation of plan and profiles; typical section; drainage design; signing and striping layout; safety and roadside facilities; sequence of construction and development of quantities and cost estimates. Jared is an expert in applying design tools such as MicroStation, InRoads OpenRoads, CADconform and Bluebeam Revu to enhance efficiencies and project quality. His most recent work has included preparing models and development of detailed geometry for major freeways, urban roadways/complete streets and multi-lane roundabout roadways. Jared has his TCT, TCS, and Flagger certifications.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
09/18 - 04/22	**H.011909 US 171 at Boone St. Roundabout, DOTD, Vernon Parish, LA:** Provided assistance with the design of a three-legged multi-lane roundabout and multiple intersection improvements along US 171. Tasks also include, budgeting, project cost estimation, utility coordination, and QA for the design and construction plans.
09/18 - 04/22	**H.010960 LA 30 Roundabouts at Tanger I-10, DOTD, Ascension Parish, LA:** Assisted with all necessary engineering and related services required for the design of four multi-lane roundabouts along LA 30 at the heavily traversed commercial interchange at I-10 in Gonzales, LA. Assisted with QA of typical sections, pedestrian and bicycle design, roadway geometrics, roundabout geometrics, drainage design, and driveway details for this project.
09/18 - 04/22	**H.011137 I-12: LA 21 to US 190, DOTD, St. Tammany Parish, LA:** Helped with drafting of typical section sheets, quantity tables, guardrail layout designs, plan/profile sheets, signing and striping sheets using CADConform and Microstation. Responsible for designing guardrail layouts and quantity calculations. Also assisted with the development of cost estimates. Responsible for following the Stanley Consultants QA/QC plan.
10/18 - 12/19	**H.012861 Prejean Road Pavement Preservation, DOTD, Lafayette Parish, LA:** Assisted with field surveying and capturing topographic features and measuring CL stationing. Duties also include plan development, determining quantities and pay items according to DOTD specifications, standards and design criteria. Design tools used for this project included MicroStation with CadConform, Bentley InRoads and Microsoft Excel.
03/17 - 03/22	**LA 67 East Baton Rouge Parish Line to 6.5 Miles North, Eastbound, DOTD, LA:** Engineering Technician Serving as Engineer Intern, Jared is responsible for assisting with topographic survey field work. He assisted with the drafting of typical section sheets, quantity tables, guardrail layouts, miscellaneous detail sheets using MicroStation, and performed quantity calculations. He Also assisted with the development of cost estimates. Responsible for following the Stanley Consultants QA/QC plan.

16. Staff Experience:

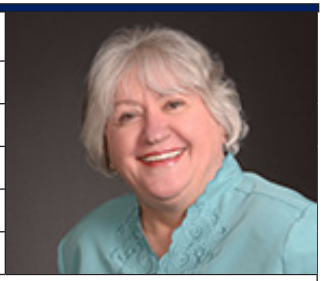
Firm employed by	Stanley Consultants, Inc.				
Name	Kayla Lafitteau, EI		Years of relevant experience with this employer	4	
Title	Engineer-in-Training		Years of relevant experience with other employer(s)	1	
Degree(s) / Years / Specialization			BS / 2019 / Civil Engineering		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	Civil Engineering Intern		
Contract role(s) / brief description of responsibilities	**Contract Role:** Engineer-in-Training **Responsibilities:** Assist team with roadway plan development. **Bio:** Kayla has professional experience since 2019. She has worked on DOTD and City of New Orleans projects with the oversight of several professional engineers. Kayla has been responsible for detour signing, permanent pavement markings, geometric layout, and guard rail design. She prepares quantity calculations, cost estimates, and is proficient in MicroStation and AutoCAD. Kayla is often responsible for detailed corrections and adjustments to plan sets to ensure they are compliant DOTD specifications and standards.				

Kayla has 4 years of experience on DOTD projects.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
12/17 - 04/22	**I-12: 1077 to LA 21; St. Tammany Parish, LA; DOTD:** Engineer in training responsible for assisting with drafting of typical section sheets, pavement marking sheets, and plan/profile sheets. Responsible for assisting with quantity calculations, guard rail design, and developing a cost estimate. Stanley Consultants performed roadway design, modeling, DOTD formatting, and CADConform compliance. DOTD requested an expansion of the project that included the addition of the auxiliary lane to the exit inclusive of the roadway widening two lane ramp. Our team prepared designs to re-stripe the roads under the structure instead of adding more pavement.
09/18 - 04/22	**H.010960 LA 30 Roundabouts at Tanger I-10, DOTD, Ascension Parish, LA:** Engineer-In-Training responsible for assisting with topographic field work. Assisted with quantity calculations, guard rail design, and additional detail sheets. Also assisted with developing the cost estimate and summary sheets.
05/19 - 3/22	**H.011781 LA 675 & LA 87 Improvements, DOTD, Iberia Parish, LA:** Engineer-In-Training responsible for assisting with drafting of plan/profile sheets, drainage plan/profile sheets, geometric layout sheets, sequence of construction sheets, and pavement marking sheets. Responsible for existing drainage maps, design drainage maps, and summary of drainage structures tables. Also assisted with quantity calculations and cost estimates.
05/19 - 2/20	**H.013191 LA 1 Iberville P/L - Port Allen Canal, DOTD, East Baton Rouge Parish, LA**: Engineer-In-Training responsible for assisting with topographic field work. Assisted with quantity calculations, guard rail design, and additional detail sheets. Also assisted with developing the cost estimate and summary sheets.
03/17 - 8/19	**H.009633 LA 67 EBR P/L to 8 Miles North of EB, DOTD, East Feliciana Parish, LA:** Engineer-In-Training responsible for assisting with topographic survey field work. Assisted with the drafting of typical section sheets, quantity tables, guard-rail layouts, miscellaneous detail sheets using Microstation, and performed quantity calculations. Also assisted with the development of cost estimates. Responsible for following the Stanley Consultants QA/QC plan.

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc.				
Name	Jackie Wood		Years of relevant experience with this employer	5	
Title	Senior Designer		Years of relevant experience with other employer(s)	37	
Degree(s) / Years / Specialization		N/A			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		



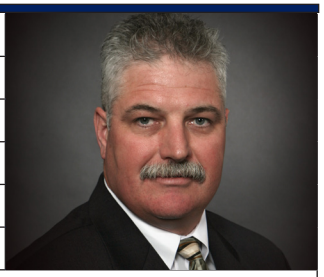
Jackie has 42 years of experience designing DOTD projects.

Contract role(s) / brief description of responsibilities	**Contract Role:** Roadway Designer **Responsibilities:** Jackie will provide roadway planning and design services on this contract. **Bio:** Jackie specializes in roadway design, including design and drafting of roadway plans; assisting contractors and engineers with the coordination of field changes and the creation of work drawings and change orders; completing feasibility studies; and training of engineering interns and CADD technicians. Previously, Jackie worked with DOTD graphics group to add symbology parameters for the Road Design Standards for CADconform, and she continues to have frequent contact with DOTD CADconform managers. Her skills include proficiency in MicroStation Inroads and DOTD CADconform, and she has working knowledge of AutoCAD Civil 3d.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
09/16 - 05/21	**I-12, LA 21 to US 190 Widening Design, St. Tammany Parish, LA; DOTD:** Senior Designer responsible for roadway design, modeling, plan production, DOTD formatting and CADConform compliance. Restriping and pier protection were designed to avoid major realignment of roads passing under the interstate overpass, ultimately providing a time and cost savings for the project. Many lane transitions and drops were part of this design as well as auxiliary lane and transitions to existing ramp alignments. Coordination between the bridge engineers and the roadway designers was key to completing a cohesive design.
06/15 – 02/21	**LA 675 and LA 87 Improvements, New Iberia, LA; DOTD:** Senior Designer responsible for preliminary back-check of plans, correcting and CAD Conforming of plans.
04/17 – 05/21	**LA 30 Roundabouts at Tanger & I-10, Ascension Parish, LA; DOTD:** Senior Designer responsible for the design of three multi-lane roundabouts along the LA 30 corridor in Gonzales, LA, as well as the preparation of the typical section sheets, geometric sheets and plan/profile sheets.
06/18 – 02/20	**LA 1, Iberville, Port Allen Canal Misc. Pavement Preservation, West Baton Rouge Parish, LA; DOTD:** Senior Designer responsible for preliminary back-check of plans, correcting and CADD conforming of plans.
04/17 - 04/22	**Roundabout: US 171 at Boone St., Vernon Parish, LA; DOTD:** Senior Designer responsible for the design of intersection and corridor improvements along US 171. Design includes a roundabout, J-turn and turn lanes.
03/16 – 12/18	**I-10/Loyola Interchange Improvements, Kenner, LA; DOTD:** Senior Designer responsible for assisting with Environmental Assessment and IMR alternative concepts and exhibits. Additionally, she aided in MicroStation and ArcGIS conversions and aerials.
05/19 – 07/20	**I-12 Widening Design-Build (O’Neal Ln. to Pete’s Hwy), Baton Rouge, LA; DOTD:** Lead Designer responsible for designing and producing MicroStation and InRoads files associated with this project. She also assisted with the preparation of roadway plans and revisions during the construction phase.

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc.				
Name	Randy LeBlanc, PE		Years of relevant experience with this employer	2	
Title	Civil Engineer		Years of relevant experience with other employer(s)	35	
Degree(s) / Years / Specialization			BS / 1983 / Civil Engineering		
Active registration number / state / expiration date			PE #31782 / LA / Sep 30, 2023		
Year registered	2005	Discipline	Civil Engineering		



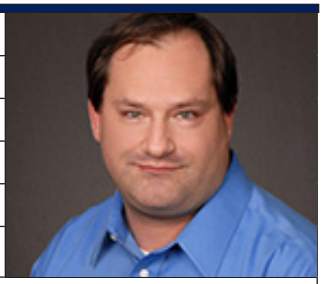
Randy will draw on his 37 years of experience for this contract.

Contract role(s) / brief description of responsibilities	**Contact Role:** Utility Coordinator **Responsibility:** Randy will provide utility coordination and roadway planning and design services on this contract. **Bio:** Randy is a Principal Engineer and Construction Manager with many years of experience providing design and construction management activities and assisting municipal, commercial and industrial clients with their civil and environmental engineering projects. His expertise is in the planning, design, project management and construction management of water and wastewater treatment projects, pipeline and pump station projects, water and sewer infrastructure rehabilitation projects and water distribution and pumping systems, including large-diameter pipeline and Mississippi River levee crossing projects. His responsibilities have included managing multi-disciplined design and construction teams; developing QA/QC plans, health and safety procedures, and field personnel staffing plans for construction QA inspections; and executing project and construction management tasks for all permitting, design and construction services required on all projects.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
05/12 - 06/22	**Water Hammer Hazard Mitigation Project, Sewerage & Water Board of New Orleans, New Orleans, LA:** Project Principal responsible for construction management activities included engineering technical reviews of submittals, Requests for Information (RFIs), contract drawing clarification, and special discipline inspections. Randy coordinated with engineering disciplines during the construction phase to provide responses and resolutions to construction-related issues, payment application reviews and approvals, change order reviews, evaluations and independent cost analysis and progress schedule evaluation.
05/18 - 04/2020	**South WWTP Wet Weather Improvements Phase II, City of Baton Rouge, LA:** Project Engineer/Construction Manager responsible for providing and coordinating design and construction management services for design and construction of the SWWTP Phase II project to include lead civil engineering for the design of all site civil aspects; engineering site assistance; technical review of submittals, O&M Manuals, and Requests for Information (RFIs), Contract Drawing clarification and Special Discipline Inspections on this project that included four new 84-MGD final clarifiers and chlorine contact basin, upgrades to four 65-MGD final clarifiers and chlorine contact basin, a new 200-MGD effluent pump station with new 5-MGD non-potable water pump station and water distribution system, a new 54-inch effluent force main and Mississippi River levee crossing with outfall structures.

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc.				
Name	Luis Santana, PE		Years of relevant experience with this employer	16	
Title	Senior Structural Engineer		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS / 2008 / Civil Engineering; BS / 2005 / Oceanic Engineering		
Active registration number / state / expiration date			PE #76363 / FL / Feb 28 2023; PE #42265 / LA / Mar 31, 2024		
Year registered	2013	Discipline	Civil Engineering		



Contract role(s) / brief description of responsibilities	**Contract Role:** Structural Engineer **Responsibilities:** Coordinate with DOTD on any structural scope of work that may develop within a task order. **Bio:** Luis's engineering experience includes designing and managing the necessary structural work for bridges, levees and walls along the Gulf Coast. His expertise includes structural inspections (above and underwater), bridge load ratings, shoring plans, dewatering, site demolition planning, and LEED experience. He has designed bridges, foundations, retaining walls and many other ancillary structural elements. His structural background includes concrete, steel, wood, masonry, sheet piles, and pile foundations design of bridges, and hydraulic and non-hydraulic structures. His software experience includes Microsoft programs, MathCad, STAAD Pro, CPGA/ CPGC/ CPGG from USACE, Cwalshet, MicroStation, and AutoCAD.

Luis will use his nearly two decades of structural and Louisiana experience to support the structures tasks.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
09/19 - 04/22	**I-12, LA 21 to US 190 Widening Design, DOTD, St. Tammany Parish, LA:** Structural Engineer responsible for the design of roadway median concrete barrier walls along the I-12 corridor. The project included the design of 36", 48", and 54" barriers walls. The design analyzed the stability of the barrier walls for vehicle impacts and traffic live loads and then developed the reinforced concrete design for each of the barrier types. The project also included an analysis of the Tchefuncte River Bridge piling for boat impact.
05/19 - 07/20	**LA 117 Between LA8 and LA 118 Bridge Study, Vernon Parish, LA:** Luis serves as the Structural Engineer responsible for the structural inspection, assessment, and development of conceptual plans of five bridges along the LA 118 corridor. As part of the project, the existing bridges were evaluated for either widening or replacement to accommodate the proposed roadway improvements. The existing bridges consisted of two timber bridges and three concrete flat slab bridges. The bridges ranged in span numbers from two spans to ten spans with a typical span length of 20-ft. Each bridge has two alternatives to match the roadway improvements. The timbers bridges were recommended for replacement with concrete flat slab bridge founded on new concrete piles. The existing concrete bridges were recommended for widening for most alternatives. One of the concrete bridges were recommended for replacement by box culvert due to an extreme vertical profile change.
01/20 - 9/20	**Runway 13/31 Threshold Recovery, Baton Rouge Metropolitan Airport, Baton Rouge, LA:** Structural Engineer. Stanley Consultants provided engineering design and construction administrative services for the Runway 13/31 Safety Area Improvements and Threshold Recovery. Stanley Consultants provided engineering design and construction administrative services for the Runway 13/31 Safety Area Improvements and Threshold Recovery.

01/17 - 09/20	**Bootlegger Rd – Bridge Replacement and Road Mill and Overlay, St. Tammany Parish Government, St. Tammany Parish, LA:** Luis serves as the Structural Engineer responsible for the design and plan productions for the bridge replacement of the existing timber bridge. The new bridge consisted of a three span 70ft long continuous concrete flat slab superstructure founded on concrete piles and pile caps. The new bridge footprint was widened to accommodate two 12-ft lanes with 4-ft shoulders and a 12-ft shared-use path. The new bridge was lengthened to match new H&H requirements and to allow for new piles to be driven to clear the existing piles.
09/13 - 08/19	**Hood Road from East of Florida's Turnpike to West of Central Boulevard, Palm Beach County Roadway Production, Palm Beach County, FL:** Luis served as the Structural Engineer responsible for the design and plan productions for a new bridge over an interstate highway. The project consisted of a new bridge to be located on the north side of the existing bridge to act as the westbound lanes. The design contained two 150-ft span pre-stressed beams superstructures. The substructure consisted of end bents and a three-column pier, and 24" and 18" SQ Concrete pile foundations. The project included two MSE wall along the end bents. This capacity improvement project involves widening of the existing east-west 2-lane undivided Hood Road rural segment (1.2-mile long) to a 4-lane divided urban arterial in accordance with Palm Beach County Thoroughfare Road Design Procedures. The widening of the Hood Road project segment also includes adding a twin bridge structure north of the existing 2-lane bridge #930398 over I-95 to accommodate the 4-lane configuration. Design involved providing access management to adjacent properties by providing median openings, driveway entrances and right turn lanes. The project also involved construction agreement processing with FDOT District 4 regarding the bridge structure over I-95.
05/13 - 01/16	**US 41 Design-Build Pursuit, Florida Department of Transportation, District 1, FL:** Structural Engineer responsible for the design of a bridge over Henderson Creek (aquatic reserve/ outstanding Florida water), three bridge culverts and approximately ¾ of a mile of special design sound barrier walls. The bridge was designed as a flat slab continuous three-span structure. The culvert bridges were designed as cast-in-place type structures. The sound barrier walls were designed to have a special bottom panel acting as a retaining wall. Stanley Consultants engineers prepared the drainage design and utilities improvements and relocation design for this 3.5-mile-long project.
07/11 - 05/13	**I-95 Widening Design-build, Florida Department of Transportation, District 4, St. Lucie, FL:** Structural Engineer responsible for the design of bridge superstructure, substructure, and foundation of widening bridge. The project consisted of widening the existing I-95 Bridge of Indrio Road. The existing bridge is a four span, 280ft long concrete bridge founded on concrete abutments pile caps and hammerhead piers. The widened superstructure is comprised of prestressed concrete Florida I Beams. The new substructure components were designed to resist vehicular collision forces.
11/09 - 04/16	**Bridge Load Rating, Puerto Rico Department of Transportation and Public Works, PR:** Structural Engineer responsible for the structural investigation and load rating of over 700 bridges throughout Puerto Rico. The investigation included the verification of structural components which include bridge length and width, barrier and beam sizes and scour conditions at and near the bridge. Additional responsibly included analysis and creating bridge load rating reports for all bridges. The load ratings were performed on both superstructures and substructures. The project performed load ratings of prestressed beam, reinforced concrete beam, flat slab, concrete and brick arches, steel girder, and reinforced concrete culvert structures. The project included field data collection, an environmental study, and inspection of bridges for scour signs. Field measurements were logged for load rating purposes and creating reports for all bridges. The project team utilized several different types of load rating program including FDOT Beam Program, AASHTOBridgeware, MDX, and Leap Bridge.
04/09 - 04/10	**Advanced Traffic Management System Design-build, Florida Department of Transportation, District 1, FL:** Structural Engineer responsible for the design of four mast arm structures and the development of construction plans. The design consists of mast arms, upright poles and drill shaft piles which will support a variety of traffic control sign heads and signs.
04/14 - 04/15	**Crosstown Parkway Design-build, City of Port St. Lucie, Port St. Lucie, FL:** Structural Engineer responsible for developing 60% plans and calculation for a 3/4 miles bridge over the North Fork St. Lucie River. The bridge consists of a 34 span structure support 6 lanes of traffic (3 in each direction). The superstructure comprises of Florida I-Beam type FIB36, 45, and 54. The substructure consists of pile bent for both end bents and the majority of the intermediate bents. The substructure also utilized column piles foundation of piles. The bridge also featured one vertical profile, two horizontal curves, and superelevations.

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc			
Name	Dan Shiosaka, PE, SE		Years of relevant experience with this employer	30
Title	Principal Structural Engineer		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		MS / 1991 / Civil Engineering; BS / 1977 / Civil Engineering		
Active registration number / state / expiration date		PE #37536 / LA / Mar 31, 2023; PE #14083 / AZ / Sep 30, 2022		
Year registered	1996	Discipline	Civil Engineering	

Dan's 45 years of structural design will assist the team in the planning and development of any type of wall, box or bridge.

Contract role(s) / brief description of responsibilities	**Contract Role:** Structural Engineer **Responsibilities:** Assist with structural design. **Bio:** Dan will serve as Structural Engineer responsible for coordinating with DOTD on any structural scope of work that may develop within a task order. Dan's relevant experience includes designing bridge structures of steel, precast concrete, and cast-in-place concrete. The bridges have ranged in complexity from straight, single-span, precast prestressed concrete bridges to curvilinear, multi-span continuous, cast-in-place (CIP) post-tensioned concrete bridges. His intuitive nature and focused mindset will help guide all structural related design tasks. Dan has served as Project Manager, Structural QA/QC Officer and Lead Structural Engineer on numerous transportation-related structures projects. His project management responsibilities have included budget and schedule control, contractor tendering, client liaison, contract administration, issuing change orders, evaluating and mitigating claims, preparing reports, and providing quality control and quality assurance. His experience includes preparing structure selection reports, type/size/location studies and drawings, and developing contract plans, specifications, and estimates (PS&E). Dan is additionally experienced in the use of several structural engineering software applications.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/17 – 09/20	**Bootlegger Road Mill and Overlay and Bootlegger Road Bridge Design, St. Tammany Parish, LA:** St. Tammany Parish Government: Serving as Structural Engineer QA/QC Officer, Dan was responsible for final review of the design and plan production for this bridge replacement project. The scope of work consisted of replacement the existing timber bridge with a new concrete flat slab bridge. The new bridge was widened to include two 12-ft lanes with 4-ft shoulders and a 12-ft shared use path. The new bridge was lengthened to match new H&H requirements and to allow for new piles to be driven to clear the existing piles. The new bridge foundation consisted of pile caps and 16-in prestress, precast concrete piles.
09/16 – 05/21	**I-12, LA 21 to US 190 Widening Design, St. Tammany Parish, LA; DOTD:** Serving as Structural Engineer QA/QC Officer, Dan was responsible for the final review of the design and plan productions for the design of roadway median concrete barrier walls along the I-12 corridor. The project included the design of 36", 48", and 54" barriers walls. The design analyzed the stability of the barrier walls for vehicle impacts and traffic live loads and then developed the reinforced concrete design for each of the barrier types. The project also included an analysis of the Tchefuncte River Bridge piling for boat impact.

11/15 – 04/21	**I-19 / SR86 Ajo Way TI, Southcentral District, Tucson, AZ; Arizona Department of Transportation:** As Structural QA/QC Manager, Dan helped to provide structural work, inclusive of the Michigan St pedestrian bridge and SR-86 Ajo Way Santa Cruz River Bridge replacements; completion of the Rodeo Wash RC box culvert and I-19 sound barrier walls south of Michigan St and along the south side of SR-86 Ajo Way. The project consisted of two construction phases to replace a narrow old Partial Cloverleaf (Par-Clo) traffic interchange with a wide modern Single Point Urban Interchange (SPUI). The phases are segregated to suit two ADOT fiscal year funding appropriations. Phase I concluded in the Spring 2018. Structural work included TI Underpass replacement; a new 4-span Entrance Ramp A (SB) bridge with a straddle bent over Irvington Rd Exit Ramp C (SB), and sound barrier walls along I-19 NB & SB from SR-86 Ajo Way to Michigan St. A new RC box culvert conveys Rodeo Wash beneath SR-86 Ajo Way, built in a matching two-phase manner.
06/18 - 03/22	**I-10, Houghton Road Transportation Interchange, Final Design, Tucson, AZ; Arizona Department of Transportation:** Structural Engineer responsible for pre-design Bridge Selection Report phase and final design QA/QC plan review phase of design by subconsultants. The project scope involves replacing of an old diamond TI configuration bridge with a new Diverging Diamond TI configuration bridge. Alignment improvements allow for "offline" construction while the old bridge remains in service. Maintenance of traffic criteria require complex construction sequence to make the conversion transitions.
07/05 - 07/12	**Red Mountain Freeway Power to University, Mesa, AZ; Arizona Department of Transportation:**: As Design Manager, Dan was responsible for the multi-discipline final design and construction documents for five miles of new urban freeway with three service TIs. The project included utility, right-of-way and environmental clearances and coordination with ADOT, City of Mesa, FCDMC, NRCS, ADEQ, CAP, and numerous utilities.
06/06 - 12/10	**I-17 Widening Jomax Road to SR74, Phoenix, AZ; Arizona Department of Transportation:** Serving as Design Manager, Dan was responsible for providing engineering support to the project team. Project tasks included quantity, cost estimate and plan sheet quality control.
12/18 - 04/22	**SR 24, Ellsworth Rd to Ironwood Rd, Mesa, AZ; Arizona Department of Transportation:** Design Manager responsible for design of five miles of urban freeway. The project includes utility and R/W clearances, environmental mitigation efforts, and coordination with ADOT, City of Mesa, Pinal County, FCDMC, and utilities. Construction includes new SR 24 mainline and ramp construction, crossroad construction, three mainline bridges, retaining walls, onsite and off site drainage facilities, concrete channel, drainage basins, erosion control, traffic signals, FMS, lighting, signing/pavement marking, and traffic control. This is an extension of Dan's SR 24 Gateway/SR 202L Santan Fwy 4-Level System TI. It features dual OP bridges at the Ellsworth Road TI and Mountain Road. Pier-style exposed abutments in front and MSE walls behind simplifies/speeds design and construction. New AZ BT-girders and new partial depth precast prestressed concrete deck panels are ABC/PBES measures that Stanley Consultants brought to the table for the SR 202L South Mountain Freeway, corridor wide. The SR 24 bridges feature a first in Arizona configuration of "cookie cutter" modular precast pier cap beams at all abutments and piers. Sets of identical cap beams, each supporting multiple identical girders, and supported upon identical columns create true modular substructure. Ellsworth Road will be constructed full-width. Mountain Road will be designed for full envisioned width but built for interim use to accommodate future compatible/matching median in-fill widening.
08/10 - 11/15	**SR 24 Gateway Freeway, SR 202L Santan Freeway to Ellsworth Road, Mesa, AZ; Arizona Department of Transportation:** Dan served as the Structures Design Manager for the four-level fully-directional urban freeway system traffic interchange which included nine major bridges. The Stage II 30% design showed 5 directional ramp bridges with varying precast prestressed girders – Type 5 MOD, Type 6, and Type 6 MOD Super 78" – and a host of interspersed irregular spans ranging from 90 feet to 140 feet. Ramp WS had a compound curve and two separate bridges: WS1 (2-column bents) and Bridge WS2 (1-column piers). Dan served on the Final Design VE Team. He formulated a two-phase construction sequence to segregate SR 202L traffic, eliminate the compound curve, combine two bridges into one Ramp WS bridge, and use consistent cross section CIP P-T box girders for four directional ramps. All spans are balanced spans; 30 out of 34 interior spans are identical 152' spans. Traffic control, conversion to CIP, combining two bridges, and span repeatability yielded ADOT an estimated $2.2 million savings.

16. Staff Experience:

Firm employed by	Stanley Consultants, Inc.				
Name	TJ Scarberry, PE, PTOE		Years of relevant experience with this employer	12	
Title	Senior Traffic Engineer		Years of relevant experience with other employer(s)	3	
Degree(s) / Years / Specialization		MS / 2018 / Civil Engineering; BS / 2007 / Civil Engineering			
Active registration number / state / expiration date		PTOE #3366 / USA / Nov 26, 2024; PE #44867 / LA / Mar 31, 2023			
Year registered	2012	Discipline	Professional Traffic Operations Engineer / Civil Engineering		

Contract role(s) / brief description of responsibilities	**Contract Role:** Traffic Analysis **Responsibilities:** Assist with traffic analysis and traffic control sequencing. **Bio:** TJ's transportation and traffic-related experience is extensive. He has been the lead traffic control designer on several large design build projects in several different states. TJ uses his experience to think out of the box and create plans that will allow the contractor to build the job efficiently, but while also minimizing the disruption to the traveling public. He has practical field experience working with contractors to develop traffic control plans and understands what it will take to get the job built and the methods that contractor use to build projects. This unique understanding allows TJ to develop traffic control plans that maximizes the work areas and minimizes the number of phases needed to build projects.

TJ's understanding of traffic and construction has made him a valuable asset relative to traffic related tasks. TJ has completed the DOTD TEPR training course.

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Meets MPR No. 5

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
08/20 - 04/21	**Bridge Bundle Project, Colorado Department of Transportation (CDOT), Region 2, Colorado Springs, CO:** TJ was the traffic lead engineer on this project laying out sequencing and MOT plans for 19 bridge locations throughout Southern Colorado. The MOT was designed utilizing the CDOT lane closure strategies, and evaluation of current traffic volumes. The MOT approach depended on the bridge, some shooflies were designed, other utilized a single lane operation, and other allowed for complete closures and detouring traffic to adjacent routes. The signal lane operations were modeled to ensure delay was not excessive. Automated flaggers gates were to be used, based on the modeling a timing plan was recommended. The detour routes were evaluated for large trucks to ensure they would not get stuck along the detour routing.
09/19 - 07/20	**I-10 Broadway Curve, Arizona Department of Transportation (ADOT):** TJ primarily designed the ITS system for this 10-mile project in the heart of Phoenix. As part of the project requirements the existing ITS system must remain active while building the new roadway. TJ worked with the contractor to understand how the project was intended to but built and broke the ITS plan into phases to align with the construction areas. Working with all design disciplines and the contractor he helped modify work area and created temporary connections between the new ITS system and old system to keep all devices active during construction. Keeping the ITS equipment active helped active a smart work zone for this project. Variable message boards will display travel times and inform travelers of upcoming restrictions or slowdowns. The CCTV allow the contractor to monitor the work area and quickly identify accidents or staled vehicles and get them cleared out quickly. The data from the CCTV's and the DMS along with and upcoming major closures or major traffic shifts was ported to a public website where the public can current roadway conditions before they leave.

04/19 -09/20	**Pena Blvd Design/Build Pursuit, Denver International Airport, Denver, CO:** TJ prepared MOT design for the project pursuit. This project was to reconstruct and add capacity to Pena Blvd on the approach to the Denver International Airport. TJ designed the MOT phasing working with the contractor (Flatiron) and other designers. A plan was developed to maximize the work area for the contractor while minimizing the impact on traveling public. This was done by modeling the proposed construction phasing and evaluating the impact to the public and to the contractor. Phasing was adjusted based on the models to minimize the impact to airport operations. Attended task force meetings with the contractor, helped prepare exhibits for the proposal, as prepared and presented at the interview. Involved in the ATC (Alternative Technical Concepts) process to improve on the base design. Created ATC's for traffic control, as well as helping with an ATC for a re-configuration of an interchange.
11/13 - 10/15	**Paseo del Norte Interchange, New Mexico Department of Transportation (NMDOT), Albuquerque, New Mexico:** TJ was the task lead for all traffic items, including MOT, Lighting, Signing and striping, ITS and Signals for this job. Created plans for the proposal, attended ATC meetings and ran Task force meeting for all the traffic disciplines. Designed new and temporary traffic signals for the project, attended on-site switch over and adjustments of the signals during overnight traffic switches, working with electrical contractors to troubleshoot issues encountered in the field. Created MOT plans for the proposal and adjusted the plans through the duration of the construction project when the contractor changed phasing or encountered something in the field that dictated a change. Implemented a smart work zone for this project that included variable speed limits, mobile DMS boards that tied back to the TMC (traffic management center) so travel times could be displayed. Each phase of the traffic control was modeled in PTV Vissim to determine the impact to traffic. Alternatives were created, evaluated, and approved by NMDOT before the contractor could move on the next phase.
02/18 - 04/20	**NB I-25 Ramp Metering (Road X Project); Southern Denver Metro, CO; City of Denver:** Project Manager/Traffic Engineer. The project was a cooperation between several counties and municipalities on the south side of the Denver metro area. Worked with and coordinated with CDOT and the municipalities to design and install new ramp metering technologies for I-25 NB from Ridgegate parkway to University Blvd. This project is intended to improve the operations of NB I-25 by updating the ramp metering. The ramp metering for this project uses a new algorithm using the ramp volumes, approaching volumes and departure volumes to constantly adjust the timing to maximize the flow of the interstate. TJ designed the installation of the TIRTL (The Infrared Traffic Logger) along mainline I-25 and at each of the entrance ramps. Once installed they collect data for a period of time to be able to adjust the ramp flows dynamically. A before and after evaluation was be completed to determine the effectiveness of the technology.
04/17 - 03/22	**North I-25, Johnstown to Fort Collins Design-Build, Confidential Client, CO:** Traffic Engineer responsible for coordinating the approval of the rail road crossing on the I-25 frontage road just north of County Road 20E. This included an application to the local PUC (Public Regulation Commission) to approve the new rail crossing. This required coordination with the contractor, the rail road owner, CDOT and the PUC. The application included preliminary rail crossing layouts following CDOT and the Railroad standards. Evaluation of the existing crossing and the future crossing for safety.
01/18 - 03/20	**NB I-25 Ramp Metering (Road X Project); Southern Denver Metro, CO; City of Denver:** Project Manager/Traffic Engineer. The project was a cooperation between several counties and municipalities on the south side of the Denver metro area. Worked with and coordinated with CDOT and the municipalities to design and install new ramp metering technologies for I-25 NB from Ridgegate parkway to University Blvd. This project is intended to improve the operations of NB I-25 by updating the ramp metering. The ramp metering for this project uses a new algorithm using the ramp volumes, approaching volumes and departure volumes to constantly adjust the timing to maximize the flow of the interstate. TJ designed the installation of the TIRTL (The Infrared Traffic Logger) along mainline I-25 and at each of the entrance ramps. Once installed they collect data for a period of time to be able to adjust the ramp flows dynamically. A before and after evaluation was be completed to determine the effectiveness of the technology.

16. Staff Experience:

Firm employed by	CD&C INCORPORATED		
Name	Ralph Burgess, PLS	Years of relevant experience with this employer	11
Title	Principal Land Surveyor	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		BS / 2004 / Industrial Design & Supervision, Southeastern LA University	
Active registration number / state / expiration date		#5040 / LA / September 30, 2022	
Year registered	2010	Discipline	Land Surveyor
Contract role(s) / brief description of responsibilities	**Contract Role:** Survey Manager **Responsibilities:** Mr. Burgess will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. **Bio:** Mr. Burgess has an extensive background in providing topographic surveys for DOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:** Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.
01/18-01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**: Mr. Burgess was the surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
7/17-12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Burgess served as Survey Manager for the project. Duties included meeting with DOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
01/16-08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.

10/15-12/18	**H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA**: Mr. Burgess served as Survey Manager for the project. Duties included meeting with DOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from DOTD and final review of all survey data for submittals
08/16-12/17	**H.011235 I-49 South at Verot School Road, Lafayette, LA:** Mr. Burgess served as the Survey Manager for the project. Duties included meeting with DOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from DOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.
07/14-10/15	**H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA:** Mr. Burgess served as Survey Manager for the project. Duties included meeting with DOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with DOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with DOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area.
04/17-07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:** Mr. Burgess served as Survey Manager on this project which included a complete topographic survey, utility coordination, channel cross-sections and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
03/14-06/14	**H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:** Mr. Burgess served as the project manager for the project. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13-07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:** Survey Manager for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	**H.011088.5 West Prien Lake, Lake Charles, LA:** Mr. Burgess served as the Survey Manager for this project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	**H.010620 I-49 Design Build**: Mr. Burgess managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced ROW maps for the project. Mr. Burgess's duties for this portion also included title reports, review of property surveys and final submittal of final existing right of way plans.

16. Staff Experience:

Firm employed by	CD&C INCORPORATED		
Name	Chris Ballard, PLS	Years of relevant experience with this employer	6
Title	Survey Project Manager	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		BS / 2004 / Biological Science / Southeastern LA University	
Active registration number / state / expiration date		#5033 / LA / September 30, 2022	
Year registered	2010	Discipline	Land Surveyor
Contract role(s) / brief description of responsibilities	**Contract Role:** Survey Project Manager **Responsibilities:** Mr. Ballard will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. **Bio:** Mr. Ballard has an extensive background in providing topographic surveys for DOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
09/18-01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**: Mr. Ballard is the Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
04/17-07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:** Mr. Ballard served as the firms Survey Project Manager on this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
02/19-09/19	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Burgess served as Survey Manager for the project. Duties included meeting with DOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
01/17-12/17	**East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:** In 2017, CD&C has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Project Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.

10/16 - 11/16	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:** Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
09/17 -09/17	**H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA**: Mr. Ballard served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning.
10/15 - 12/18	**H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:** Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
01/16 - 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 - 01/16	**H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:** Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	**260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA**: Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning.

16. Staff Experience:

Firm employed by	CD&C INCORPORATED		
Name	Philip Dupree	Years of relevant experience with this employer	10
Title	Survey Party Chief	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	**Contract Role:** Senior Survey Party Chief **Responsibilities/Bio:** Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish**: Mr. Dupree was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
01/18-02/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA**: Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.
10/15-12/2018	**H.011235 I-49 South at Verot School Road, Lafayette, LA:** Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.
01/16-08/2016	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.

10/16-11/2016	**H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA**: Mr. Dupree served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.
07/14/10/2015	**H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:** Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA**: Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	**H.011088.5 West Prien Lake, Lake Charles, LA:** Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	**H.010620 I-49 Design Build:** Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.

16. Staff Experience:

Firm employed by	CD&C INCORPORATED		
Name	Jason Stoehr	Years of relevant experience with this employer	5
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA Traffic Control Technician, Flagger	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	**Contract Role:** Survey Party Chief **Responsibilities/Bio:** Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with DOTD Location and Survey means and methods.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:** Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
01/18-01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
08/16-01/2018	**H.011235 I-49 Verot School Road, Lafayette, LA**: Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
02/19 - 09/19	**Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:** Mr. Stoehr served as a Jr. Party Chief this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.
7/17 – 12/18	**H.003184.5 I-10 Texas State Line East of Coone Gully**: Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing DOTD Field Codes.

16. Staff Experience:

Firm employed by	CD&C INCORPORATED		
Name	Trent Norris	Years of relevant experience with this employer	8
Title	Senior Technician	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	**Contract Role:** Remote Sensing Technician **Responsibilities/Bio:** Mr. Norris serves as the firm's 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/18 – 01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Norris was the #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17 – 12/18	**H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
04/17 – 07/17	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA**: Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
08/16 – 01/18	**H.011235 I-49 Verot School Road, Lafayette, LA**: Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
10/16 – 10/16	**H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.
10/15 – 12/18	**H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:** Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.

16. Staff Experience:

Firm employed by	CD&C INCORPORATED		
Name	Scott Benton	Years of relevant experience with this employer	5
Title	Senior Technician	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	**Contract Role:** Remote Sensing Technician **Responsibilities/Bio:** Mr. Benton serves as a Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
12/19 – 01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA**: Mr. Benton served as a #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
03/14 – 06/14	**H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:** Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13 – 07/13	**H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:** Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
02/13 – 06/13	**H.005693 LA 447, Walker, LA:** Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C's responsibilities included all field work, utility coordination, review of existing survey data provided by DOTD and all office work to produce the final product; this includes merging of supplied survey from DOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by DOTD to produce an overall deliverable to be utilized in this design.
10/14 – 12/14	**H.011088.5 West Prien Lake, Lake Charles, LA:** Mr. Benton served as Survey technician on this project processing survey field data. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.

16. Staff Experience:

Firm employed by	C&C INCORPORATED		
Name	Jacob Stoehr	Years of relevant experience with this employer	7
Title	Survey Party Chief	Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA TCS, TCT, Flagger	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	**Contract Role:** Survey Party Chief **Responsibilities/Bio:** Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with DOTD Location and Survey means and methods.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/18-01/2020	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:** Mr. Stoehr served as a Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.
07/17-12/2018	**H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
08/16-01/2018	**H.011235 I-49 Verot School Road, Lafayette, LA**: Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
05/17-07/2017	**H.011909.5-2 Roundabout US 171 at Boone Street, Vernon Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
01/16 – 08/16	**H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
10/15 – 12/2018	**H.003184.5 I-10 Texas State Line East of Coone Gully:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
10/16 – 11/16	**H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:** Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.

16. Staff Experience:

Firm employed by	CD&C INCORPORATED		
Name	Madison Mills, LSI	Years of relevant experience with this employer	1+
Title	Land Survey Intern	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS / 2016 / Civil Engineering	
Active registration number / state / expiration date		#0000716 / LA / NA	
Year registered	02/18/2021	Discipline	Land Surveyor Intern
Contract role(s) / brief description of responsibilities	**Contract Role:** Survey Technician **Responsibilities/Bio:** Mr. Mills joined CD&C in 2021 as a Land Surveying Intern. Madison will be taking his PLS exam in 2022. He serves as a Survey Technician for CD&C working to manage field crews, process field crew data, and finalize deliverables.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 - Ongoing	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 - Ongoing	**H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA :** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
02/21 - Ongoing	**H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.
07/21 – 11/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
02/21 – 05/21	**H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
07/21 – 12/21	**H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:** Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.

16. Staff Experience:

Firm employed by	CD&C INCORPORATED		
Name	Alex Wells	Years of relevant experience with this employer	2.5
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA TCS, TCT, Flagger	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	**Contract Role:** Party Chief **Responsibilities/Bio:** Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with DOTD code book and standard procedures.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/20 – 10/21	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:** Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
07/20 – 10/21	**H.013989 Greybow Rd. Palmetto Creek:** Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
07/20 – 10/21	**H.013989 Greybow Rd. Palmetto Creek:** Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
07/20 – 04/21	**H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish**: Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.
02/21 – 05/21	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:** Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing DOTD Field Codes.
10/20 – 01/21	**H014302 US 165 Lighting, Monroe, LA:** Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.

16. Staff Experience:

Firm employed by	C&C INCORPORATED		
Name	Clarence J. Goodspeed	Years of relevant experience with this employer	> 1
Title	Utility Coordinator	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	**Contract Role:** Party Chief **Responsibilities/Bio:** Mr. Goodspeed has 30 years experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department. The following is a list of companies and job roles.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Byers Engineering. Damage prevention tech, responsible for accurately locating multiple clients underground plant which was, AT&T (Bell South), Entergy Elec, Cox Communications, several companies that owned fiber loops in the greater Baton Rouge area, Eatel, and Koche Gateway Pipeline are just some of the companies he was responsible for locating their underground facilities.
	BHA Engineering. Damage prevention tech (Underground Locator) contracted to Demco Electric to locate their underground facilities.
	Wave Tech Geophysical Engineering. Conducted SUE work, vacuum excavation, ground penetrating radar, road pavement GPR, leak detection, researching utility prints, and conducting locates on military facilities and airports.
	Bron Construction. Assisted in maintenance, and new construction of Entergy Electric underground and some overhead lines.
	UtiliQuest LLC. Supervisor, Damage Investigator, State Claims Manager, and Operations Manager. Also, took part in negation of contracts.
	Fibore. Filled in as supervisor for burying Charter Communication service drop crews, installation of main and service drops with directional boring rig, assisted in settling property damage claims, and assisted in pointy of contact with Charter Construction personal.

16. Staff Experience:

Firm employed by	VECTURA CONSULTING SERVICES, LLC				
Name	Sheelagh Brin Ferlito, PE, PTOE			Years of relevant experience with this employer	6
Title	Principal			Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization			BS / 1988 / Civil Engineering		
Active registration number / state / expiration date			#0025383 / LA / September 30, 2023		
Year registered	1993	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities	**Contract Role / Responsibilities:** Traffic Signal Design and CE&I Supervisor / QC for TMP				

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/21 - Ongoing	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, Louisiana)** Brin is the task leaders for Vectura for the Construction Engineering and Inspection of 24 traffic signals. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
07/19 – Ongoing	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by Louisiana DOTD. She coordinated the detour plans based on the sequence of construction as part of the Level 2 Transportation Management Plan (TMP).
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at the Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.
02/20 – 11/21	**H.010616 DOTD I:20 LA 544 Overpass Replacement (Ruston, LA)** Brin is the project manager for the Transportation Management Plan (TMP) as part of a design for a bridge replacement and three roundabouts in Ruston, LA. The TMP was a Level 2 and included evaluation of 10 Sequence of Construction Phases. Detours included rerouting traffic to other interchanges at nighttime only, rerouting traffic from I-20 to the off ramp and on ramp at nighttime only, and rerouting traffic to service roads in vicinity of the project. Brin coordinated the queue analysis with DOTD to determine when lane closures would be allowed utilizing 24-hour tube counts. She will also coordinate the development of temporary traffic signal plans for this project as well.

07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA** Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.
04/14 – 12/14	**H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)** As the project engineer, Brin designed three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12-03/14	**EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer on behalf of EBR for performing CE&I services for the construction of 11 traffic signals. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM/EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist.
07/08-09/09	**SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer for DOTD and EBR to perform CE&I services for the construction of 21 traffic signals. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	**S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA)** Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. Design also included traffic signal synchronization signal timing and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans and specifications.
03/05 – 11/05	**Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA)** Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.
02/03 – 01/04	**EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA)** Brin was the project engineer for the design of 66 signalized intersections on eight arterials in Baton Rouge which included traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

16. Staff Experience:

Firm employed by	VECTURA CONSULTING SERVICES, LLC		
Name	Laurence Lucius Lambert, II, PE, PTOE, PTP	Years of relevant experience with this employer	6
Title	Supervisor	Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization		BS / 1997 / Civil Engineering, MS / 2006 / Civil Engineering (Transportation focus), MBA. / 2010	
Active registration number / state / expiration date		#0029901 / LA / March 31, 2024	
Year registered	2001	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	**Contract Role / Responsibilities:** TMP Supervisor / Traffic Signal Design QC		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
06/21 – 02/22	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Laurence was project manager for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The traffic study included traffic data collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
02/21 - 03/21	**H.013256.5 I-10 ITS Scott to Lake Charles (Southwest Louisiana)** Laurence was the lead traffic engineer for a Level 2 Traffic Management Plan (TMP) for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.
04/18 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales (Ascension, LA)** Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.
04/18 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.

02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Laurence was the project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection) for proposed improvements College Drive. Since the I-10 interchange was included in the study, approval from DOTD was required. After the 7-day, 24-hour counts were collected in March of 2020, DOTD stopped all data collection due to the impacts of COVID-19. After a pause of a year, Vectura closely worked with the City of Baton Rouge and DOTD to provide sufficient data that traffic patterns were returning to pre-COVID conditions and allowed PM peak hour data to be collected. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.
10/17 - 10/18	**H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)** Laurence was the lead transportation engineer for a Corridor Planning Study for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to develop growth rates and design year volumes. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.
09/16 - 04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** Laurence was the lead traffic engineer for a DOTD traffic study for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM traffic simulation model of the preferred alternative.
07/16-01/17	**Federal Highway Administration Intersection & Interchange Geometrics (IIG):** Innovative Design Considerations for All Users At the request of the FHWA division office for Virginia, Laurence was asked to review a set of design plans for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as “red line” comments were scanned and submitted to the FHWA Virginia Division office for their use.
04/11 - 09/11	**SPN 424-04-0032 US 90 at Louisiana 85 Design-Build Maintenance of Traffic Plan (Iberia Parish, LA)** Laurence developed a Maintenance of Traffic plan that accommodated the bridge and road widening, but also maintain passage of large trucks and freight through the heavily travelled corridor crucial for agricultural goods and farming. Laurence was the Lead Traffic Engineer for one of the first design-build projects undertaken by DOTD, which included the construction of a grade separated, diamond interchange to replace the existing US 90 intersections with Louisiana 85 in Iberia Parish to upgrade this future I-49 corridor to interstate standards.
06/10 - 10/10	**SPN 454-02-0071 I-12 Widening Design-Build Amite River Bridge to Juban Road Maintenance of Traffic Plan (Livingston Parish, LA)** Laurence was responsible for designing a Maintenance of Traffic plan that would keep drivers informed of real time traffic situations through a comprehensive traffic management system. Four lanes (two lanes in each direction) were to remain open during peak travel times throughout the length of the project. Temporary lane closures only occurred at night.
09/06 - 09-07	**EBR 06-CS-HC-00012 Downtown Baton Rouge Signal Project (Baton Rouge)** Laurence was the Project Manager to develop construction plans to upgrade 29 signals in downtown Baton Rouge as part of the EBR Green Light Plan. He coordinated numerous utility conflicts during construction since current utility plans were not readily available in an old part of town. He made several signal pole foundation location adjustments based on numerous field visits with utility companies.

16. Staff Experience:

Firm employed by	VECTURA CONSULTING SERVICES, LLC		
Name	Prasanth Malisetty, PE, PTOE, PTP, RSP1	Years of relevant experience with this employer	1
Title	Senior Project Engineer	Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		BE / 2003 / Civil Engineering, MS / 2004 / Civil Engineering	
Active registration number / state / expiration date		#0035792 / LA / March 31, 2023	
Year registered	2010	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	**Contract Role / Responsibilities:** Senior Project Engineer for Traffic Control Design, Signal CE&I and TMP		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Prasanth was the lead design engineering for temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Prasanth was the lead design engineering to produce the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases.
02/21 – 02/22	**MOVEBR LA 67 (Plank Road) Enhancement Project, Baton Rouge, LA, 2020-2021** Prasanth was a senior project engineer to enhance transit, bicycle, and pedestrian mobility on LA 67 (Plank Road) that required City-Parish and DOTD approval. Laurence and Prasanth developed traffic operations evaluation of the traffic study which included traffic signal timing evaluations.
01/21 – 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Prasanth and Reece were responsible for measuring anticipated construction quantities and producing a cost estimate for fifteen sites along I-10 where CCTV cameras were being installed by using DOTD's Bid Tabulation and Cost Estimating Tool.
12/18 – 7/20	**H.002297 LA 37 Sullivan Road to Liberty Road (Baton Rouge)** Prasanth was the project manager to develop feasible roadway improvements that will improve operation and increase safety along the LA 37 corridor. The project included data collection, development of growth rates, existing and future traffic analyses. Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the existing and future traffic analysis and propose potential alternatives to mitigate existing deficiencies.

11/17 – 12/18	**H.013264 District 08 Safety Investment Plan (Louisiana)** Prasanth was the project engineer responsible for preforming districtwide safety analysis and preliminary engineering studies for various locations considered high potential for safety improvements. Responsible for evaluating crash statistics to identify possible roadway issues by using appropriate safety analysis tools and recommend potential operation safety countermeasures. Developed Countermeasure Evaluation Tool (CET) tool which aid in determining total crash reduction for each proposed countermeasure with associated cost savings and perform benefit / cost analysis.
10/16 – 12/18	**H.012685 LA 385 Ryan Street Feasibility Study (Lake Charles, LA)** Prasanth was the project engineer responsible for developing feasible alternatives to preserve / enhance mobility and safety along the corridor. The 1.8-mile corridor study area includes 22 intersections and 133 driveways. The project included data collection, safety / crash review, traffic forecasting, developing alternatives, analysis of existing and proposed conditions and benefit / cost analysis. The future year traffic for the proposed roadway alternatives was forecasted utilizing IMCAL travel demand model.
8/10 – 2/18	**DOTD Traffic Engineering Contracts (Statewide, LA)** As a project engineer for numerous task orders for Traffic Signal Timing Studies and Designs, Prasanth was responsible for coordinating data collection tasks, intersection analysis, crash analysis, developing coordinated signal timing plans and field implementation / fine tuning along 27 corridors throughout statewide which involved 264 intersections. Following are the list of corridors » District 04; LA 1, LA 526 & US 171, Shreveport, LA; LA 3, LA 3105 & LA 72, Bossier, LA – 110 intersections, 7 corridors » District 02; LA 3040 & LA 57, Houma, LA; LA 20, Thibodaux, LA; US 61, New Orleans, LA – 44 intersections, 4 corridors » District 62; US 11, Slidell, LA; LA 19, Baker, LA; LA 44, Gonzales, LA; LA 3124 & LA 60, Bogalusa, LA; LA 10 Franklinton, LA; LA 16, Amite, LA; LA 38, Kentwood, LA; LA 25, Folsom, LA – 68 intersections, 9 corridors » District 58; US 425, Vidalia & Ferriday, LA – 11 intersections, 2 corridors » District 08; LA 1208-03, US 71 & LA 28 – 21 intersections, 3 corridors » District 07; US 190 & US 171, DeRidder, LA – 10 intersections, 2 corridors
09/10 – 02/12	**S.P. No. 700-99-0447 US 190 Superstreet Study (Covington, LA)** Prasanth was the project engineer responsible for performing corridor study and develop solutions to improve mobility along the corridor. The alternatives analyses included R-CUT and signalized intersection using Synchro and SimTraffic. Responsible for data collection, travel time runs and intersection analysis.

16. Staff Experience:

Firm employed by	VECTURA CONSULTING SERVICES, LLC		
Name	Reece Rodrigue, PE, PTOE	Years of relevant experience with this employer	2
Title	Project Traffic Engineer	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2013 / Civil Engineering	
Active registration number / state / expiration date		#0042074 / LA / March 31, 2024	
Year registered	2017	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	**Contract Role / Responsibilities:** Project Engineer for Traffic Control Design, Signal CE&I and TMP		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/21 – Current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge)** Reece is part of the team responsible for Construction Engineering and Inspection. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
01/21 – 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for measuring anticipated construction quantities and producing a cost estimate for said quantities by using DOTD's Bid Tabulation and Cost Estimating Tool.
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Reece was a project engineer, who participated in the production of the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Reece was a project engineer, who assisted in the production of the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.

04/20 - Current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse)** Reece is the project engineer who designed the temporary traffic signal for the intersection of LA 23 at Engineers Rd. The design of the temporary signals is set for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the Traffic Management Plan, which were also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for the production of permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated STOP bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. Reece maintains correspondence with the fellow design engineering team for product consistency. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Reece was the task leader for organizing and formatting the data collection of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
02/16 - 12/16	**H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish)** Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the preliminary plans using CAD software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.
01/16 – 11/17	**Ochsner Main Campus Traffic Signals (Jefferson Parish)** Reece served as a design engineer for the traffic signal plans for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that they may be included in the coordinated system west of the intersections. He used TruTraffic determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD's latest version of the TSI format. He was responsible for estimating construction quantities using DOTD's 2016 Spec Item list.

16. Staff Experience:

Firm employed by	VECTURA CONSULTING SERVICES, LLC		
Name	Kristen Gahagan Farrington, PE, PTOE	Years of relevant experience with this employer	1
Title	Project Traffic Engineer	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		BS / 2014 / Civil Engineering	
Active registration number / state / expiration date		#0042785 / LA / March 31, 2023	
Year registered	2016	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	**Contract Role / Responsibilities:** Project Engineer for Traffic Control Design, Signal CE&I and TMP		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
06/21 – 02/22	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Kristen was a project engineer for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The traffic design study included traffic data collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a Stage 0 study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the Stage 0 Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a Stage 0 study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this Stage 0 Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the DOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.

04/19 – 6/21	**H.013817.1 A 117 Improvements Stage 0 (Vernon and Natchitoches Parishes)** Kristen served as project engineer responsible for a Stage 0 study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Kristen compiled all findings in the Stage 0 report and coordinated with stakeholders and local agencies to ensure purpose and need of project is met.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a Stage 0 study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the Stage 0 Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.

17. Firm Experience:

Firm name	Stanley Consultants, Inc.	Past Performance Evaluation Discipline(s)*	Road, Traffic, Bridge, Geotech
Project name	I-12: LA 21 to US 190 and LA 1077 to LA 21	Firm responsibility (prime or sub?)	Prime
Project number	H.013866	Owner's name	DOTD
Project location	St. Tammany Parish, LA	Owner's Project Manager	Jacob Fusilier, PE, PMP
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA, 225.379.1185, jacob.fusilier@la.gov		
Services commenced by this firm (mm/yy)	09/16	Total consultant contract cost ($1,000's)	$981 / $1,775
Services completed by this firm (mm/yy)	08/22	Cost of consultant services provided by this firm ($1,000's)	$963 / $1,040

Firm's Role Stanley Consultants provided engineering and related services to widen and rehabilitate two sections of I-12 to the median side from a four-lane freeway to a six-lane freeway section in both directions.

Project Description LA 21 to US 190 incorporated approximately 3.7 miles of improvements. LA 1077 to LA 21 incorporated approximately 3.4 miles of improvements. The corridor model and PGL elevations were developed to accommodate cross-slope corrections and a slotted median barrier. A significant amount of communication and coordination effort was mandatory with District 62 and Headquarters to successfully complete a Level 4 TMP and the development of the sequence of construction maintaining two lanes of traffic in both directions over the Tchefuncte River. The Stanley Consultants Team was responsible for all engineering services required for preliminary and final roadway design plans, all permanent signage, preliminary and final bridge design plans, geotechnical services, Independent Contractor Estimate (ICE) and Critical Path Modeling (CPM).

Members involved that are used in this proposal:

- Jesse Tisdale, PE
- Blake Roussel, PE, PMP
- Adam Fields, PE
- Jared Blohowiak, PE
- Kayla Lafitteau, EI
- Jackie Wood
- Luis Santana, PE
- Dan Shiosaka, PE, SE

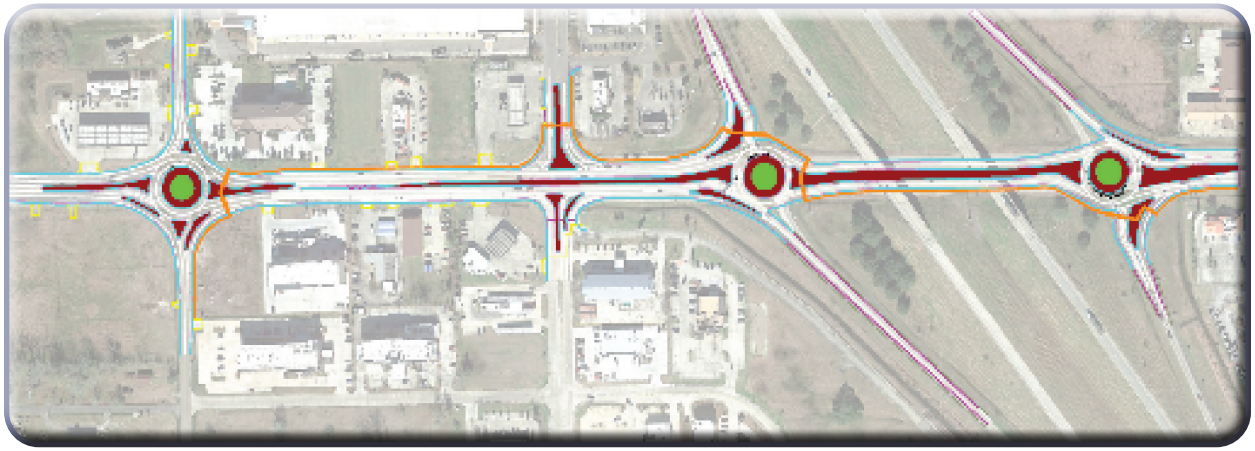
PROJECT SUCCESS

The Stanley Consultants Team used its diverse and talented staff to complete this project for DOTD under a very accelerated design schedule.

17. Firm Experience:

Firm name	Stanley Consultants, Inc.	Past Performance Evaluation Discipline(s)*	Road, Traffic
Project name	LA 30 Roundabouts at Tanger Mall and I-10	Firm responsibility (prime or sub?)	Prime
Project number	H.010960.5	Owner's name	DOTD
Project location	Ascension Parish, LA	Owner's Project Manager	Joshua Harrouch, PE, PTOE
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA; 225.242.4640; joshua.harrouch@la.gov		
Services commenced by this firm (mm/yy)	03/17	Total consultant contract cost ($1,000's)	$645
Services completed by this firm (mm/yy)	07/22	Cost of consultant services provided by this firm ($1,000's)	$475

Firm's Role Stanley Consultants provided engineering and related services to develop construction plans for roundabouts at the intersection of LA 30 and Tanger Blvd, and at the Eastbound and Westbound ramp termini at the LA 30 and I-10 Interchange in Gonzales, LA.



Project Description
Stanley Consultants provided engineering and related services to develop construction plans for roundabouts at the intersection of LA 30 and Tanger Blvd, and at the Eastbound and Westbound ramp termini at the LA 30 and I-10 Interchange in Gonzales, LA.

Members involved that are used in this proposal:

- Jesse Tisdale, PE
- Adam Fields, PE
- Rob Pratt, PE
- Jared Blohowiak, PE
- Kayla Lafitteau, EI
- Jackie Wood

Early and often coordination with DOTD's Traffic and Road Design Sections resolved concerns related to constructibility issues and roundabout operations. Design decisions, criteria, and geometry were developed to accommodate the large retail center's average daily traffic and heavy trucking presence.

Complicating things were multiple interim improvements along LA 30 which were under construction while this design was underway. Our team had to be nimble to keep up with and accommodate the many changes and evolving conditions, including a new development directly adjacent to one of the roundabouts.

"The consultant has been a pleasure to work with from the beginning of the project through the final plan submittal. The lead designer, Jesse Tisdale has been a true partner in delivering the best project for the department."

Project Evaluation Narrative
DOTD Project Manager

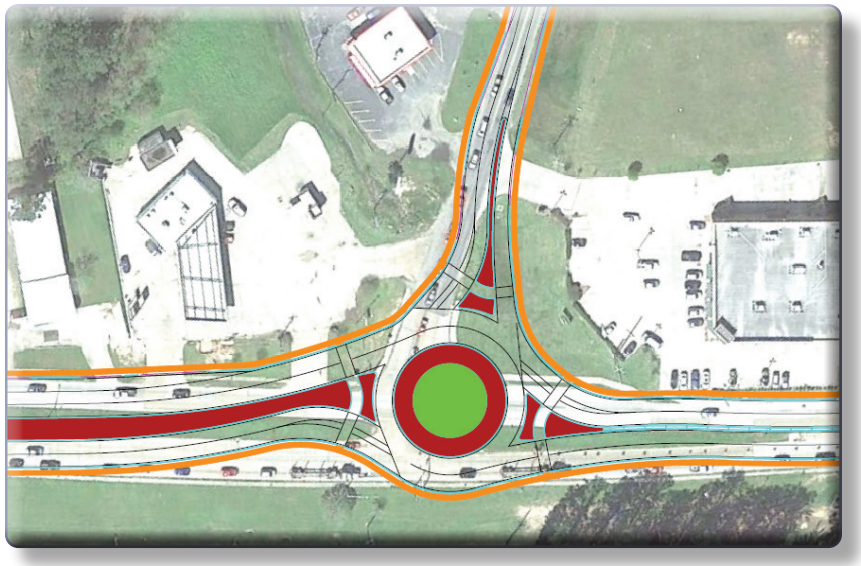
PROJECT SUCCESS

The addition of multiple roundabouts in this corridor greatly diminished the availability of ROW needed to incorporate a complete streets section. Stanley Consultants worked closely with DOTD and local stakeholders to develop a plan that provided for the desired multi-modal movements.

17. Firm Experience:

Firm name	Stanley Consultants, Inc.	Past Performance Evaluation Discipline(s)*	Road, Traffic
Project name	US 171 at Boone Street	Firm responsibility (prime or sub?)	Prime
Project number	H.011909.5	Owner's name	DOTD
Project location	Vernon Parish, LA	Owner's Project Manager	Joshua Harrouch, PE, PTOE
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA, 225.242.4640, joshua.harrouch@la.gov		
Services commenced by this firm (mm/yy)	4/17	Total consultant contract cost ($1,000's)	$641
Services completed by this firm (mm/yy)	9/19	Cost of consultant services provided by this firm ($1,000's)	$413

Firm's Role Stanley Consultants was responsible for the engineering design development of a new multi-lane (Hybrid) roundabout at the intersection of US 171 and Boone Street to improve safety and efficiency.



Project Description This project was successfully completed by partnering with DOTD, multiple stakeholders and two local communities.

We utilized Sidra roundabout software to adjust and modify the conceptual design to help accommodate the multitude of utility conflicts and allow for the movement of large log trucks through the intersection.

Complete Streets policies were incorporated within the roundabout design allowing bicyclist and pedestrians a safer means of travel along US 171 into the heart of Leesville. A detailed construction sequencing plan was developed to foster the safe and efficient movement of autos, commercial vehicles, bicycles and pedestrians during construction.

Members involved that are used in this proposal:

- Jesse Tisdale, PE
- Adam Fields, PE
- Jared Blohowiak, PE
- Jackie Wood

What our clients are saying "… the consultant always exceeded expectations and consistently represented themselves and the department very well."

Project Evaluation Narrative
DOTD Project Manager

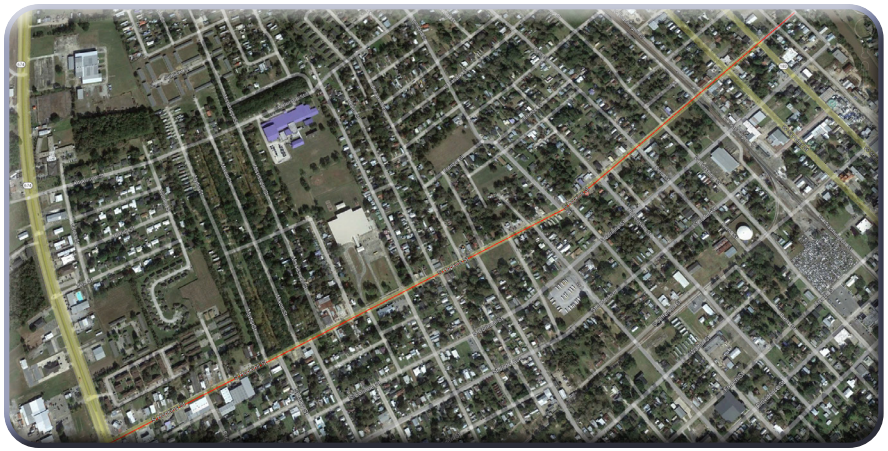
PROJECT SUCCESS

This project site was complicated by over a half dozen utility companies and associated lines overlapping and running in multiple directions. Our team successfully worked with each of the utility companies and stakeholders to navigate all of the challenges. We adjusted the design as necessary to minimize impacts and limit the need for adjustments, which resulted in project cost and time savings.

17. Firm Experience:

Firm name	Stanley Consultants, Inc.	Past Performance Evaluation Discipline(s)*	Road, Traffic
Project name	LA 675 & LA 87 Improvements Pavement Preservation	Firm responsibility (prime or sub?)	Prime
Project number	H.011781.5	Owner's name	DOTD
Project location	Iberia Parish, LA	Owner's Project Manager	Andrew Judice, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225.379.1738, andrew.judice@la.gov		
Services commenced by this firm (mm/yy)	06/15	Total consultant contract cost ($1,000's)	$433
Services completed by this firm (mm/yy)	03/22	Cost of consultant services provided by this firm ($1,000's)	$275

Firm's Role Stanley Consultants was responsible for the roadway rehabilitation design and plan preparation for approximately 2.3 miles of urban roadways under the DOTD Pavement Preservation Program.



Project Description The scope of work included pavement widening, milling, asphaltic concrete (AC) overlay of composite pavement, AC overlay of AC pavement, AC patching, sawing and sealing of AC overlay lifts over Composite Pavement, roadway striping, ADA ramps, and the installation of access control safety improvements. Stanley Consultants was also responsible for the project's drainage requirements which included creating an existing drainage map, a proposed drainage map and performing a drainage analysis for LA 675 in order to evaluate the effects of installing additional sub-surface drainage trunklines and new catch basins to alleviate drainage concerns.

Members involved that are used in this proposal:

- Blake Roussel, PE, PMP
- Adam Fields, PE
- Kayla Lafitteau, EI
- Jackie Wood
- Jared Blohowiak, PE

The task order included Part I(a) Topographic Survey, Part III Preliminary Plans, and Part IV Final Plans. The Topographic Survey tasks included project stationing, drainage structure inspection, cross-sections and measurements of roadways and ditches at appropriate intervals, determining existing horizontal curve data, identifying existing mailboxes, striping, driveways, utility adjustments, and loop detectors. Stanley Consultants was responsible for completing all required forms and documentation in support of the plan package including cost estimates, PRR Reports, Baseline Safety Improvements, Constructibility/Biddability Review Report, and Road Design QA/QC Reports.

PROJECT SUCCESS

This project incorporates a complex drainage design that will install a subsurface parallel drainage trunkline with the goal of reducing flooding currently experienced along this route.

17. Firm Experience:

Firm name	Stanley Consultants, Inc.	Past Performance Evaluation Discipline(s)*	Road, Bridge, Environmental
Project name	Lee Drive Widening (Highland Road-Perkins Road)	Firm responsibility (prime or sub?)	Sub
Project number	20-CP-HC-0044	Owner's name	City of Baton Rouge/Parish of East Baton Rouge Department of Public Works
Project location	East Baton Rouge Parish, LA	Owner's Project Manager	Justin Schexnayder
Owner's address, phone, email	8555 United Plaza Blvd., Baton Rouge, LA 70809, (225) 761-3628, justin.schexnayder@csrsinc.com		
Services commenced by this firm (mm/yy)	02/21	Total consultant contract cost ($1,000's)	$2,568
Services completed by this firm (mm/yy)	09/22	Cost of consultant services provided by this firm ($1,000's)	$498

Firm's Role Subconsultant responsible for the roadway widening starting at the project begin terminus at Highland Road and continuing in a northerly direction until tying into an existing bridge over Bayou Duplantier.

Project Description As part of the City of Baton Rouge/Parish of East Baton Rouge MOVEBR program, The Lee Drive Widening project involved the complete reconstruction and widening of Lee Drive from Highland Road to Perkins Road. The proposed typical section extended approximately 1.7 miles and will widen the existing two lane section to a three lane section including a center left turn lane. This corridor experiences delays mainly due to capacity issues stemming from turning movements from the mainline onto numerous side streets and into numerous commercial businesses. The project goal is to increase vehicular traffic capacity and connectivity to all corridor users by delivering safe and efficient pedestrian/bicycle facilities while maintaining neighborhood integrity.

Members involved that are used in this proposal:

- Jesse Tisdale, PE
- Blake Roussel, PE, PMP
- Jared Blohowiak, PE

The design team gave special consideration to traffic control and access management, constructibility, utility coordination, and right-of-way requirements. Ensuring proper drainage during construction and overall drainage improvements was another major factor considered for the project.

Stanley Consultants was a sub-consultant on this project.

PROJECT SUCCESS

Maintenance of traffic (MOT) is a significant challenge for this project. Stanley Consultants utilized existing traffic patterns to minimize the amount of temporary roadway widening required during construction. By creating efficient MOT designs, we are reducing the amount of temporary construction servitude and minimizing costs.

17. Firm Experience:

Firm name	Civil Design & Construction, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	I-10 TX State Line East of Coone Gully	Firm responsibility (prime or sub?)	Sub
Project number	H.003184.5	Owner's name	DOTD / Stanley Ard, PLS
Project location	Calcasieu Parish, LA	Owner's Project Manager	Stanley Ard, PLS
Owner's address, phone, email	1201 Capital Access Rd., Baton Rouge, LA70802, 225-379-1232, Stanley.ard@la.gov		
Services commenced by this firm (mm/yy)	10/15	Total consultant contract cost ($1,000's)	N/A
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm ($1,000's)	$443

Firm's Role CD&C performed a complete topographic survey in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation Procedures for this project. A topographic survey was already completed at all bridge sites located within the limits. The survey included all utilities with depths and information, all drainage structures, and all survey DTM and improvement features that fell inside the survey limits. Due to traffic concerns 3D Terrestrial Scanning was utilized for the location of roadways and traditional means and methods were used to complete the topographic survey on this project. The final submittal of the survey was a combination of the supplied data from DOTD for the bridges with the current survey that was completed for this project.

Members involved that are used in this proposal:

- Ralph Burgess, PLS
- Chris Ballard
- Phil Dupree
- Jacob Stoehr
- Trent Norris
- Scott Benton

Project Description This was a 6-lane widening project on I-10 in Calcasieu Parish. The project limits extended from the foot of the Sabine River Bridge (approximately 0.5 miles east of the state line) to a point approximately 2000 feet east of the beginning of the existing 6-lane section (located East of Coone Gully). The survey width of the project was from apparent right of way to apparent right of way and 500 feet past the gore along each of the on and exit ramps.

In 2018, CD&C was supplemented to extend the original limits of this survey approximately 1500' and to pick up several other areas of additional topographic updates.

17. Firm Experience:

Firm name	Civil Design & Construction, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	I-10: LA 415 to Essen Lane on I-10 and I-12	Firm responsibility (prime or sub?)	Sub
Project number	H.004100	Owner's name	DOTD
Project location	West and East Baton Rouge, LA	Owner's Project Manager	Nicholas Olivier
Owner's address, phone, email	1201 Capital Access Rd, Baton Rouge, LA 70802, 225-379-1232, Nicholas.olivier@la.gov		
Services commenced by this firm (mm/yy)	01/18	Total consultant contract cost ($1,000's)	N/A
Services completed by this firm (mm/yy)	ongoing	Cost of consultant services provided by this firm ($1,000's)	$296

Firm's Role CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.

Members involved that are used in this proposal:

- Ralph Burgess, PLS
- Chris Ballard
- Phil Dupree
- Jacob Stoehr
- Trent Norris

Project Description This project is located in West Baton Rouge and East Baton Rouge Parishes in the cities of Port Allen and Baton Rouge, LA. A complete Topographic survey including all utilities (ASCE 38-02, QL "B") with depths and all drainage is required, along with Finish floor elevations of all buildings that fall within the survey limits. The survey begins 1,500 feet West of the western most entrance/exit ramps of the LA 415 and I-10 Interchange. From the I-10, I-12 split the survey shall proceed in southerly and easterly directions along the existing main alignment of I-10 for approximately 1.5 miles & I-12 for approximately 1.5 miles to end the route limits.

17. Firm Experience:

Firm name	Civil Design & Construction, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	Verot School Road	Firm responsibility (prime or sub?)	Sub
Project number	H.011235	Owner's name	DOTD
Project location	Lafayette, LA	Owner's Project Manager	Thomas Gattle (Huval & Assoc.)
Owner's address, phone, email	922 W. Point Des Mouton Rd., Lafayette, LA 70507, 337-234-3798, tgattle@huvalassoc.com		
Services commenced by this firm (mm/yy)	08/16	Total consultant contract cost ($1,000's)	N/A
Services completed by this firm (mm/yy)	01/18	Cost of consultant services provided by this firm ($1,000's)	$435

Firm's Role CD&C performed a complete topographic survey of the project site by using 3D Terrestrial Scanning in conjunction with traditional means to complete the survey. Control was set for the scanning throughout the project limits. Coordination with Cardno, Inc. (Team member) was necessary for the location of all utilities in the project area. CD&C also coordinated with all the property owners for access to the properties and also meet with safety advisors for the industrial business that were impacted. The survey included coordination with the ongoing I-49 Connector project and merging of that survey to the CD&C survey in order to make a complete project for the area. CD&C also researched and compiled an existing right of way linework for the prime consultant to use for exhibits for the project. In order to complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail.

Members involved that are used in this proposal:

- Ralph Burgess, PLS
- Chris Ballard
- Phil Dupree
- Jacob Stoehr
- Trent Norris

Project Description This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map. This included a complete topographic survey of all utilities with depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits. Also, CD&C was required to coordinate with the topographic survey of the adjacent I-49 Connector project and include required portions of the I-49 Connector project with the survey of this project.

17. Firm Experience:

Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Discipline(s)*	Traffic
Project name	I-10 ITS Scott to Lake Charles	Firm responsibility (prime or sub?)	Sub
Project number	H.013256.5	Owner's name	DOTD
Project location	I-10 (District 07)	Owner's Project Manager	Roy Esteven, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-2527, Roy.Esteven@LA.gov		
Services commenced by this firm (mm/yy)	01/21	Total consultant contract cost ($1,000's)	unknown
Services completed by this firm (mm/yy)	03/21	Cost of consultant services provided by this firm ($1,000's)	$20,162

Firm's Role / Project Description Vectura performed a Level 2 Traffic Management Plan (TMP) for the construction of ITS equipment along I-10. The plan included the following activities:

- Safety strategy that included a CAT Scan
- LOS determination utilizing Citrix data
- Lane closure recommendations based on a queue analysis
- Cost estimate
- Public information strategies

Members involved that are used in this proposal:

- Laurence Lambert
- Prasanth Malisetty
- Reece Rodrigue
- Kristen Farrington

17. Firm Experience:

Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Discipline(s)*	Traffic & CE&I
Project name	Belle Chasse Bridge & Tunnel Replacement PPP	Firm responsibility (prime or sub?)	Sub
Project number	H.004791	Owner's name	DOTD
Project location	Belle Chasse, LA	Owner's Project Manager	Nickolas Olivier, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1133, Nicholas.olivier@la.gov		
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost ($1,000's)	unknown
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	211.890

Firm's Role / Project Description Vectura is providing the traffic engineering services for the Belle Chasse Bridge & Tunnel Replacement Project for improvements along LA 23. Vectura is responsible for the following tasks:

- Preliminary and final traffic studies
- Temporary and final traffic signal plans
- Assist the Prime with Traffic Management Plan (TMP)
- Response to request for information (RFI's)
- As-built plans for the traffic signals

Members involved that are used in this proposal:

- Laurence Lambert
- Prasanth Malisetty
- Reece Rodrigue

17. Firm Experience:

Firm name	Vectura Consulting Services, LLC	Past Performance Evaluation Discipline(s)*	Traffic
Project name	Roundabout: US 171 at Boone St.	Firm responsibility (prime or sub?)	Sub
Project number	H.011909.5-4	Owner's name	DOTD
Project location	Vernon Parish, LA	Owner's Project Manager	Josh Harrouch
Owner's address, phone, email	PO Box 94245 Baton Rouge, LA 70804-9245, (225) 242-4640, Joshua.Harrouch@LA.GOV		
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost ($1,000's)	unknown
Services completed by this firm (mm/yy)	12/21	Cost of consultant services provided by this firm ($1,000's)	$82.045

Firm's Role / Project Description Vectura designed temporary traffic signal plans as part of the sequence of construction plan for a roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. The purpose of the project was to replace the existing signalized intersection with a multilane roundabout at Boone Street.

Members involved that are used in this proposal:

- Laurence Lambert
- Prasanth Malisetty
- Reece Rodrigue

Roundabout Pavement Marking QC Review

Staff from Vectura provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.

Temporary Traffic Signal Design

Vectura performed following design tasks to develop temporary traffic signal plans:

- Detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase,
- Reviewed potential access issues for all the impacted driveways / streets along the project area for each sequence of construction phase,
- Developed multiple traffic signal timing plans by time of day for each sequence of construction phase to maintain progression along main corridor,
- Developed temporary signal plans including pole and span wire layout, signs, striping, power source, signal timings by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate, and
- Coordinated with DOTD Traffic Section and District Traffic Engineer.

18. Approach and Methodology:

UNDERSTANDING

Stanley Consultants, Inc. (SCI) understands one of the most valuable tools available to DOTD is the IDIQ Contract for Roadway Design Services. It provides the opportunity to quickly and easily engage our team for time sensitive roadway infrastructure projects throughout the state of Louisiana. We will be responsive to your needs, looking for innovations and cost savings with all Task Orders (TO) presented to us. Our team is committed to partnering with DOTD and project stakeholders to create a robust approach and cost-efficient response to each TO request.

Based on conversations with the DOTD Project Manager for this project, we have a good understanding of the project types that will be included in this IDIQ. Four examples of projects that could possibly be administered via this IDIQ include interstate re-surfacing projects, roadway reconstructions, roadway widenings, possible roundabouts, and intersection improvements. SCI's Baton Rouge office truly excels on these types of projects and roadway design projects in general. See Section 17 Project Descriptions for LA 30 Roundabouts and US 171 at Boone Street Roundabout for blurbs from our Consultant Performance Evaluations. Please also see the recently received Consultant Performance Evaluation project narratives in their entirety for these projects.

Our goal is to team with DOTD as a qualified full-service engineering firm to provide general roadway design engineering services across the state. While services required will vary by project, it is anticipated that commonly required services will include:

- Topographic Surveys
- Traffic Control Designs, Traffic Signal Analysis and Designs
- Roadway Design
- Hydraulic Analysis and Design
- Roadway Design Services During the Environmental Process
- Special Provisions
- TMPs
- Quality Plan Reviews
- Construction Support

APPROACH

For each TO, our goal is simple: coordinate with project stakeholders, deliver quality projects, and understand contracting mechanisms to define TO needs. From this we provide a thoughtful approach, reduce risk for all parties, maximize cost savings, provide quality design & plans, protect people, and complete the project on-time meeting DOTD's schedule. SCI follows the DOTD Road Design Manual and has a strong understanding of the DOTD Plan Delivery process (see flowchart on page 60). The approach shown herein will be used to deliver high-quality work products.

Given the extensive IDIQ contract experience held by SCI via our traffic engineering roadway projects IDIQ (Roundabout Retainer) as well as our numerous pavement preservation IDIQ contracts, we understand continuity of the project team, adequately staffing the project, depth of project managers, accurate work hour estimates, effective coordination and communication among the project team, controlling the project costs, and meeting project schedules are the keys to the success of any individual project. SCI's approach and process to delivering a successful IDIQ contract and completion of TOs is summarized in the following steps:

GAIN A CLEAR UNDERSTANDING OF DOTD'S NEEDS AND GOALS. Communication during the scoping phase is the first essential step in initiating a TO. Providing an accurate schedule and concept level construction cost will help DOTD maximize the IDIQ contract to its benefit. Understanding the scope and expectations on each TO will reduce risk and help maintain budgets and schedules.

EXECUTE THE TASK ORDER PROMPTLY. IDIQ TOs may be limited in duration or time-critical, as with funding obligation deadlines. Our team will work so that time is not lost to upfront administration.

ENGAGE QUALIFIED TEAM RESOURCES. SCI is a full service, multi-disciplinary consultant, but if necessary, we engage our diverse local sub-consultants, including DBEs, to get the right "tools" on the job.

IDENTIFY AND CONNECT WITH STAKEHOLDERS. Early connections with affected DOTD Districts, permitting agencies, landowners, utilities, transit authorities, and railroads will set the course for effective coordination throughout the life of the project.

PROMOTE GOOD COMMUNICATION. Routine project team, DOTD, and stakeholder meetings will be established to provide a platform for good communication, reducing the likelihood of misunderstandings that may have cost or schedule implications.

MANAGE THE CRITICAL PATH. Focus on critical activities that could impact schedule such as potential long lead items, ROW acquisition, railroad agreements, utility investigation and relocations, or environmental documentation.

MAINTAIN BUDGET. Coordinate effectively and early about any changes to the project that may affect engineering or construction budgets. This is essential in limiting change orders and cost overruns throughout the life cycle of the project.

MAINTAIN QUALITY. Throughout the life of every TO, SCI will maintain the highest standards of quality, from pre-design activities through final project close out.

MEET SCHEDULES. Time is money. Our goal will always be to complete each TO on or ahead of the given due date.

CONTRACT MANAGEMENT. As the Contract Manager and with the assistance of the assigned SCI TO PM, Blake Roussel, PE, PMP, will work with the DOTD Project Manager to determine the scope, disciplines, and schedule for each TO. Jesse Tisdale will serve as Lead Project Manager. **If multiple contracts are ongoing simultaneously, we have the ability to provide additional TO managers to accommodate availability and ensure adherence to schedule. Our team consists of three project managers with the ability to lead**

a TO if needed. Blake Roussel, PE, PMP and Adam Fields, PE have experience managing DOTD projects and will be available to serve in this role should this IDIQ require the additional resources. This provides depth and redundancy in resources, flexibility, and scalability to execute the best, most qualified team and the ability to manage simultaneous TOs. Blake will work with the DOTD Project Manager to review the status of all TOs and contract encumbrance. As priorities change within DOTD, we'll monitor the schedule of all TOs concurrently and shift resources to deliver immediate needs.

METHODOLOGY

SCI has a strong understanding of DOTD's Plan Delivery Process.

SCOPING. At the onset of any TO, our project Manager, Jesse Tisdale, will coordinate with the DOTD PM to understand the project completely so that we can develop our Project Management Plan (PMP). Our PMP includes:

- a detailed scope of the project
- a detailed schedule including the number of anticipated milestone submittals, plan review meetings, and project coordination meetings
- the project design criteria
- the anticipated project delivery milestones
- our quality control plan
- a project risk register
- identification of any special coordination or utility needs (i.e., railroad crossing, duct banks, transmission lines, etc.)
- our communications plan
- and the road design report

This plan allows us to gather all of the project information efficiently to review and coordinate with the DOTD PM at the kickoff meeting, and will help the design process run more smoothly. This PMP is maintained through the life of the project so that as more information is developed and critical risks or concerns become apparent, they can be documented.

KICKOFF MEETING. After the issuance of a TO, the SCI Team will coordinate a kickoff meeting with the DOTD PM and any applicable DOTD technical staff. This kickoff meeting will be used to discuss the primary goals of the project as well as review the PMP that SCI has already developed. This will be an opportunity for the SCI team and DOTD staff to clarify any questions or concerns from either party so that we can prepare for a smooth design process. This kickoff meeting will also be used as an opportunity to collect any available existing information pertinent to the project, such as:

- As-built Plans
- Feasibility Studies/Traffic Studies
- Environmental Documents
- Existing Utility Information

After the minutes from this meeting have been distributed, SCI will coordinate with the DOTD PM to make a field visit to the site, and coordinate/meet with the district to discuss their priorities and get any additional information from them once we have our boots on the ground.

DATA COLLECTION/FIELD VISITS. During the Data collection phase, our team would begin the process of developing the necessary information on which we will base the design. Our team member Civil Design & Construction (CD&C) will be responsible for the completion of any survey needed for these projects. CD&C has extensive experience performing DOTD surveys and has completed numerous surveys for various DOTD projects throughout the state. With CD&C's current backlog they are able to take on multiple surveys concurrently, which provides some redundancy if multiple TOs should come out in rapid succession.

During this data collection phase, the SCI team will make our first site visit to assess any design risks that need to be mitigated and take into account any obstacles that will need to be overcome in the design. Some possible examples of these may be utility access points that have been paved or grown over, significant drainage structures, project clearance issues, proximity to existing r/w or structures, existing drainage problems, areas of damaged pavement indicative of failed base or other structures, pedestrian traffic patterns, etc. This site visit will also give us the opportunity to coordinate directly with the district to get their understanding of the goals of the project. This upfront field investigation allows us to get ahead of potential design issues that standardly come up at the 95% preliminary Plan-In-Hand meeting and prevent rework later which can have an effect on the schedule. All information from the field will be compiled and anything that needs to be added to the PMP will be tracked to keep a consistent track of all factors of the project.

PRELIMINARY PLAN DEVELOPMENT. We anticipate using DOTDs Road Design Manual for all construction plan development and project delivery. As such, we acknowledge the following submittal stages: 30%, 60%, 95%, & 100% Preliminary Plans as well as 60%, 95%, 98%, and 100% Final Plans included in the Road Design Manual. We support eliminating the 30% preliminary submittal to expedite the project schedule, and instead beginning the submittal stages at 60% Preliminary. This information as well as discussing the road design report, and what plan sections will be included with each submittal will also be discussed at the kickoff meeting to make sure that all plan delivery expectations are set prior to plan development.

Designs will be in accordance with DOTD design criteria including the Road Design Manual, Design Criteria Guidelines, the DOTD Hydraulics Manual, and all ofther applicable road design manuals. The concept of practical designs will also be leveraged to the benefit of the project and DOTD. This may require utilization of the design exception process, but the SCI team has significant experience coordinating with DOTD to obtain these approvals. We understand the use of crash modification factors (CMFs) to compare the relative impacts to safety of different design feature alternatives.

If design guidance is needed that is not available via DOTD documentation for a particular issue, SCI leans on our knowledge of the AASHTO "Green Book" for geometrics, the AASHTO Roadside Design Guide for roadside safety issues, the AASHTO Guidelines for

Geometric Design of Low-Volume Roads, and the MUTCD for Signing and striping as needed.

The SCI Team is proficient in using DOTD's current preferred software including InRoads SelectSeries II, CADConform, and HYDRWin. **With the knowledge that Bentley is sunsetting InRoads SelectSeries II, SCI is ahead of the curve with its transition to Bentley's OpenRoads platform. Our staff has already delivered numerous project submittals for other entities using this software. This transition will happen during the duration of this IDIQ, and our team is prepared to smoothly and efficiently make that transition to Open Roads Designer. This provides us with a unique advantage.**

60% PRELIMINARY PLANS. This retainer contract may offer an assortment of different types of projects as discussed in our understanding. The particulars of design and what will be required will vary from one project to the next depending on the type and scope of each project, but for a typical road design project **during the 60% Preliminary Plans phase we may be expected to develop horizontal and vertical geometry, roadway drainage design, preliminary hydraulics report, striping layouts, preliminary required right-of-way locations and 3d modeling.** The plan sheets that will be delivered with each submittal stage will follow Figure 1-03 from the Road design Manual. SCI will also provide any additional sheets early that are requested or are believed to be time critical.

95% & 100% PRELIMINARY PLANS. The 95% preliminary plan set is critical for its use in the Plan-In-Hand (PIH) meeting and field visit where we will have an opportunity to go through the plans with DOTD staff to discuss anything they may have questions, comments, or concerns about. This is also an opportunity to directly coordinate with the district on any constructability concerns they may have at this time. If utility companies are present then we can also coordinate any known impacts at this time. Additional plan sheet development and design will be ongoing at this stage. **For 95% preliminary plans we will have developed our preliminary sequence of construction for discussion at the PIH meeting, our master summary of quantities, and have the necessary QA/QC checklists completed. For the 100% Preliminary delivery we will have addressed all comments received to this point, provide our final right-of-way lines (if necessary), provide our engineering cost estimate, provide any permit sketches that have been requested to this point, and have submitted any necessary design exceptions/ waivers.** The 100% Preliminary Submittal may also contain proposed traffic signal hardware locations and proposed new signal timings if included in the scope of work. A separate 30% Final Plan submittal could also be delivered to accommodate these traffic signal related tasks.

FINAL PLAN DEVELOPMENT. Upon receipt of NTP, our team will move into the final plan development. As a kickoff to the final plan stage, the SCI team will redistribute any updated overall project delivery plan information to the DOTD PM and coordinate with them to cover any updates. This will again establish expectations for the final plans and allow for a smooth and transparent progression to project completion. The final plan stages include 60% Final, 95% Final, 98% Final, and 100% Final plans. The final plans stages will be when we develop our more detailed construction plan sheets and information, and finalize any outstanding permits, and finalize design exceptions.

60% FINAL PLANS. For the 60% final plans stage, any outstanding drainage design plans should be included with the set and the finalized hydraulic report should be submitted as well. Additionally, **the SCI team will be in the final stages of any detailing sheets necessary for the particular project such as graphical grades, joint layouts, sequencing notes, and permanent signage and sign structures. For projects including traffic signals, proposed signal wiring, a list of items for signal work, and special foundation designs (if required) will be included with this milestone. SCI will also be coordinating and attending any Joint Plan Review to coordinate with the final right-of-way maps if any are required for the project.**

95% (ACP) FINAL PLANS. For the 95% final plans stage, all outstanding design and plan development will be completed and a complete plan set distributed to DOTD. **SCI will attend and assist in coordinating the final Advance Check Prints meeting.** We will utilize this opportunity to discuss any final questions or observation with the district personnel, DOTD staff, and any stakeholders that may attend. SCI will also provide a constructability report if one is desired as well as an ACP meeting. **This submittal will also serve as an opportunity for the plans to be reviewed by the plan checker unit if that unit chooses to look at the project. We will also have design exception and design report approvals at this point in the plan delivery process.**

98% & 100% FINAL PLANS. The 98% final plan submittal will include the complete plan set having addressed all comments received, as well as the engineers final cost estimate and any special provisions necessary for the letting or construction of the project. Similarly, the 100% final submittal

will include a complete stamped and signed plan set, stamped hydraulic report, and the final engineering estimate.

SCHEDULE

We have carefully developed the following schedule which identifies major milestones necessary to complete the project plans. This schedule assumes a medium sized project. Smaller projects would likely have a shorter duration and larger projects a longer duration. The magnitude and delivery schedule of a typical TO administered through this IDIQ aligns perfectly with the size and skill-set of our SCI Team. Our local staff has successfully delivered projects for DOTD of similar size and complexity.

QUALITY CONTROL

Quality control will be a continual effort. A QA/QC Plan will be prepared by our team and provided to DOTD within 10 business days of award. Our Quality Assurance activities will be managed by Blake Roussel. Blake will be responsible for verifying completeness of the QA/QC Plan and auditing compliance with that program. Quality control, constructability, and design reviews will occur prior to all submittals.

CLOSING

The SCI team is the right team for this contract.

WORKLOAD AND AVAILABILITY OF RESOURCES. We are currently in the 95% Final or later stages of our three largest projects (I-12 Widening, LA 30 Roundabouts, US 171 @ Boone Street Roundabout). These projects will soon be closed out allowing us to fully dedicate our resources to delivering this IDIQ.

SIMILAR PROJECT EXPERIENCE. Our project experience resumes include two medium sized roadway design projects involving complex roundabouts, an interstate widening project, a roadway rehabilitation project involving the design of a subsurface parallel drainage trunkline, and the roadway widening of an urban arterial roadway from two to three lanes.

COMMITMENT TO QUALITY. Please review the two most recent Consultant Evaluation Narratives for the LA 30 and US 171 projects. These narratives should provide a comfort level that the SCI team has the experience and ability to be an advocate for the DOTD Project Manager and to successfully deliver projects of similar nature.

Typical Road Design Project Schedule Example

MONTH		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Field Work, Data Collection, and Project Plan Development																						
Scoping and Project Plan Delivery Plan Development																						
Kickoff Meeting																						
Field Visit & Data Collection																						
Topographic Survey																						
Preliminary Plan Development																						
60% Preliminary Plan Development																						
Preliminary Right-of-Way Maps (prepared by others)																						
95% Preliminary Plan Development																						
Plan in Hand Meeting																						
100% Preliminary Plan Development																						
Final Plan Development																						
60% Final Plan Development																						
Joint Plan Review Meeting (if necessary)																						
95% Final Plan Development																						
Advanced Check Print (ACP) Meeting																						
98% Final Plan Development																						
100% Final Plan Development																						

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Stanley Consultants	Road	H.011781.5	LA 675 & LA 87 Improvements in New Iberia	$41,647
Stanley Consultants	Road	H.011137	I-12 (LA 21 to US 190) Widening Design	$11,756
Stanley Consultants	Bridge	H.011137	I-12 (LA 21 to US 190) Widening Design	$11,687
Stanley Consultants	Road	H.01137 & H.013866	I-12 Widening Construction Support	$33,074
Stanley Consultants	Bridge	H.01137 & H.013866	I-12 Widening Construction Support	$16,261
Stanley Consultants	Road	H.013643.5	LA 951 Roadway Washout Repairs	$1,373
Stanley Consultants	Road	H.012863.5	Cypress Island Highway	$21,123
Civil Design & Construction, Inc.	Surveying	4400017597	Rural Bridge Replacement Initiative (Districts 03, 07, 61, & 62)	$4,335
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-2	LWI Statewide Modeling R5 – Task Order #2	$126,727
Civil Design & Construction, Inc.	Surveying	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	$246,123
Vectura Consulting Services, LLC	Traffic	H.010616	I-20: LA 544 Overpass Replacement	4,959
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	52,436
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	209,504
Vectura Consulting Services, LLC	CE&I	H.007160	EBR Computerized Traffic Signal, Ph VB	58,309
Vectura Consulting Services, LLC	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	21,999
Vectura Consulting Services, LLC	Traffic	H.012030.5	KCS RR Overpasses HBI	28,026

20. Certifications/Licenses:

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Adam Fields

has attended

Traffic Control Technician-LA State Specific

Training Course

6/29/2021 to 6/29/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

20. Certifications/Licenses:

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Adam Fields

has attended

Traffic Control Supervisor-LA State Specific

Training Course

7/1/2021 to 7/2/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

20. Certifications/Licenses:

The American Traffic Safety Services Association

Hereby recognizes that

Jared Blohowiak

has attended

Traffic Control Supervisor-LA State Specific

Training Course

5/22/2019 to 5/23/2019
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

Jared Blohowiak

has attended

Traffic Control Technician-LA State Specific

Training Course

5/21/2019 to 5/21/2019
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

20. Certifications/Licenses:

e:

20. Certifications/Licenses:

The American Traffic Safety Services Association

Hereby recognizes that

Jesse Tisdale

has attended

Traffic Control Technician-LA State Specific

Training Course

5/21/2019 to 5/21/2019
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

Jesse Tisdale

has attended

Traffic Control Supervisor-LA State Specific

Training Course

5/22/2019 to 5/23/2019
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

20. Certifications/Licenses:

Certificate of Completion

presented to

Theodore (Tj) Scarberry

for completing the

Traffic Engineering Analysis Process & Report Class
Module 1, 2 & 3

Date: August 11 – 12, 2021
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 8.50

Authorized Instructor

Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

The American Traffic Safety Services Association

Hereby recognizes that

Ralph D Burgess

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

2/8/2019 to 2/8/2019
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

20. Certifications/Licenses:

The American Traffic Safety Services Association

Hereby recognizes that

Ralph Burgess

has attended

Traffic Control Supervisor-LA State Spec

Training Course

10/16/2014
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Donna M. Clark
Training & Products Dept. Director

Ryan A. Wentz
President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

Ralph Burgess

has attended

Traffic Control Technician-LA State Specific

Training Course

10/14/2014
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Donna M. Clark
Training & Products Dept. Director

Ryan A. Wentz
President, CEO

20. Certifications/Licenses:


AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that

Ralph D Burgess

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 7/14/2023 *State Issued in* LA

Instructor Signature

Verification available by calling 1-877-642-4637 or at http://www.flagger.com


AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that

Trent Norris

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 2/28/2021 *State Issued in* LA

Instructor Signature

Verification available by calling 1-877-642-4637 or at http://www.flagger.com


AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that

Jason Stoehr

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 6/25/2023 *State Issued in* LA

Instructor Signature

Verification available by calling 1-877-642-4637 or at http://www.flagger.com


AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that

Scott Benton

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 3/1/2024 *State Issued in* LA

Instructor Signature

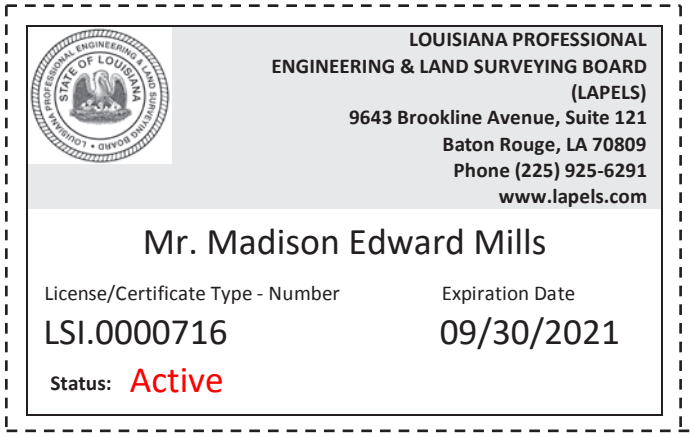
Verification available by calling 1-877-642-4637 or at http://www.flagger.com

20. Certifications/Licenses:

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

Mr. Ralph D. Burgess

License/Certificate Type - Number: PLS.0005040
Expiration Date: 09/30/2022
Status: Active



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

Mr. Madison Edward Mills

License/Certificate Type - Number: LSI.0000716
Expiration Date: 09/30/2021
Status: Active

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

Mr. Christopher Lyle Ballard

License/Certificate Type - Number: PLS.0005033
Expiration Date: 09/30/2022
Status: Active

20. Certifications/Licenses:

The American Traffic Safety Services Association

Hereby recognizes that

Trent Norris

has attended

Traffic Control Supervisor-LA State Specific Training Course

2/6/2019 to 2/7/2019
Date

Baton Rouge, LA

ATSSA
SAFER ROADS SAVE LIVES

Jessica Schuyler
Training & Products Dept. Director

Ryan A. Wentz
President, CEO

20. Certifications/Licenses:

ATSSA

Temporary Online Flagger Certification

This is to affirm that

Alexander Wells

has satisfied the requirements to be designated as a certified flagger.

This certificate is valid for 30 days from the following completion date:

3/2/2020

20. Certifications/Licenses:

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: June 4, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: June 11, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: September 10, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brin Ferlito

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

20. Certifications/Licenses:

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Laurence Lambert

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

This certificate provides proof of training, not certification.

ATSSA American Traffic Safety Services Association ATSSA.com

20. Certifications/Licenses:

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Training

this certifies that

Prasanth Malisetty

has successfully completed the training program requirements for

Online Flagger Certification Training Course

Awarded on this **29th** *day of* **January 2020**

20. Certifications/Licenses:

The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Technician-LA State Specific

Training Course

11/12/2019 to 11/12/2019
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Supervisor-LA State Specific

Training Course

11/13/2019 to 11/14/2019
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

20. Certifications/Licenses:

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: November 5, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: November 26, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: December 3, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Training

this certifies that

Reece Rodrigue

has successfully completed the training program requirements for

ATSSA Online Flagger Certification Training Course

Awarded on this **24th** *day of* **September 2020**

20. Certifications/Licenses:

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Reece Rodrigue

has attended

Traffic Control Supervisor-LA State Specific

Training Course

9/4/2019 to 9/5/2019
Date

Baton Rouge, LA
Location

Vice President of Member Services

President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

20. Certifications/Licenses:

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kristen Farrington

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/5/2021 to 4/5/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

20. Certifications/Licenses:

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

22. Sub-consultant information:

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Civil Design & Construction	PO Box 857, Port Allen, LA 70767/3251 Southern Pacific Rd.	Karla E. Weston, PE kweston@cdcbr.com	225.765.1802
Vectura Consulting Services, LLC	8000 Innovation Park Drive, Baton Rouge, LA 70820	Brin Ferlito, bferlito@vecturacs.com	225.223.6685

23. Location:

Stanley Consultants INC.

www.stanleyconsultants.com

721 Government Street, Suite 302
Baton Rouge, LA 70802
225.387.2422