



IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 03 & 07 CONTRACT NO. 4400030052

OCTOBER 9, 2024

Submitted by:

RK&K


DOTD FORM: 24-102

(Revised September 17, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES



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

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



1. Contract Name as shown in the advertisement	IDIQ Contract for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07
2. Contract Number(s) as shown in the advertisement	Contract No. 4400030052
3. State Project Number(s), if shown in the advertisement	Not shown.
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	Rummel, Klepper & Kahl, LLP
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.0006004
6. Prime consultant mailing address	700 E. Pratt Street, Suite 500, Baltimore, MD 21202
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	565 Marriott Drive, Suite 650, Nashville, TN 37214
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Stuart Samberg, PE, PTOE, PTP, RSP, DBIA, Director, Traffic 919.369.0924; ssamberg@rkk.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Nathan Atkinson, PE, Partner 410.299.3224; natkinson@rkk.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	 Signature above shall be the same person listed in Section 9: <u>10/9/2024</u> Date:

<p>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.</p> <p>Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.</p>					
<p>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.</p>	<table> <tr> <td><u>Firm(s):</u></td><td><u>Firm(s) %:</u></td></tr> <tr> <td>Civil Design and Construction, Inc.</td><td><u>10%</u></td></tr> </table>	<u>Firm(s):</u>	<u>Firm(s) %:</u>	Civil Design and Construction, Inc.	<u>10%</u>
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Civil Design and Construction, Inc.	<u>10%</u>				

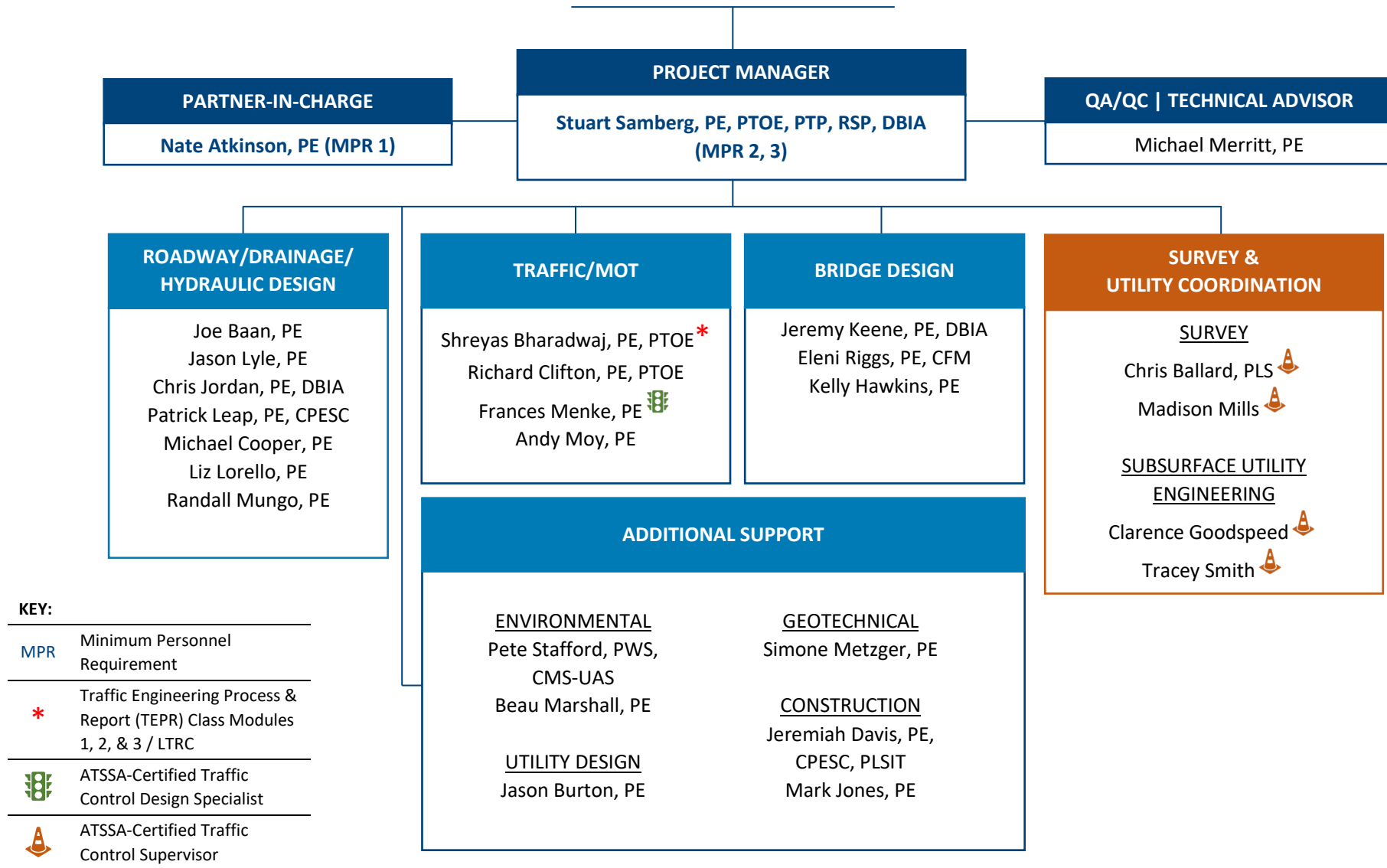
12. Past Performance Evaluation Discipline Table:

Past Performance Evaluation Discipline(s)	% of Overall Contract	 Rummel, Klepper & Kahl, LLP	 Civil Design & Construction, Inc.	Each Discipline must total to 100%
Bridge	5%	100%	0%	100%
Right-of-Way	3%	100%	0%	100%
Road	70%	100%	0%	100%
Survey	7%	0%	100%	100%
Traffic	10%	100%	0%	100%
Other (Utility, Geotech, ITS)	5%	40%	60%	100%
Percent of Contract	100%	90%	10%	





13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel <u>committed to this contract</u>	Total number of personnel available in this DOTD Job Classification (if needed)
Rummel, Klepper & Kahl, LLP (RK&K) 	Principal	1	5
	Supervisor - Eng	7	1
	Supervisor - Other	2	144
	Engineer - Other	11	453
	Senior Technician	1	127
Civil Design & Construction, Inc. 	Surveyor	1	2
	Party Chief	3	5
	Instrument Man	2	3
	Rodman	2	2
	CADD Operator	1	1
	Senior Technician	3	6
	Supervisor - Other	1	1


14. Organizational Chart:



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Nathan Atkinson, PE (23 yrs.)	 Rummel, Klepper & Kahl, LLP	PE.0046613 – Civil	LA	9/30/2026
2	Stuart Samberg, PE, PTOE, PTP, RSP, DBIA (19 yrs.)	 Rummel, Klepper & Kahl, LLP	PE.0043906 – Civil	LA	3/31/2026
3	Stuart Samberg, PE, PTOE, PTP, RSP, DBIA (19 yrs.)	 Rummel, Klepper & Kahl, LLP	PE.0043906 – Civil	LA	3/31/2026
4	Chris Ballard, PLS (27 yrs.)	 Civil Design & Construction, Inc.	PLS.5033 - Surveyor	LA	9/30/2026

16. Staff Experience:

Firm employed by RK&K			
Name	Nathan Atkinson, PE		Years of relevant experience with this employer
Title	Partner		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / Pending / Technical Management (Pending) BS / 2002 / Biological/Environmental Engineering	
Active registration number / state / expiration date		PE #0046613 / LA / 9/30/24 + other states (upon request)	
Year registered	2007	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Partner-in-Charge; MPR No. 1	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
 <p>Nate is a partner overseeing municipal engineering. He has overseen a variety of environmental engineering projects that include condition assessments, planning, design, and construction. As part of his duties, Nate routinely reviews planning and construction documents for accuracy and completion. He also has extensive experience with design of new pipeline installations, tunnels, pipeline rehabilitation, environmental assessments, stream assessments/repair, GIS data services and construction management.</p>			

11/17 - Ongoing

Williams Gas Pipeline Company | Williams Louisiana Energy Gateway 30 & 36-inch Pipelines, De Soto Parrish, LA: Nate is serving as the partner-in-charge for this Master Service Agreement, spanning multiple states across the United States including Louisiana. Work includes pipeline studies and analysis, construction engineering assistance, interference studies, corrosion control, cathodic protection, and electrolysis.


02/16 – 01/21

Baltimore County, MD | On-Call Civil Engineering Services for Pumping Stations, Baltimore County, MD: Nate served as the partner-in-charge under four consecutive on-call contracts spanning the last 16 years, RK&K has provided engineering assessments, evaluations, studies, designs, bidding and construction phase services for 63 pumping station projects (40 rehabilitations and 23 complete replacements) to comply with Baltimore County’s CD. These pumping station projects range from complete replacement to upgrade of specific system components such as pumps, grinders, screens, piping systems, VFDs, I&C/SCADA, switchgear, standby power generators, heating, ventilation, air conditioning (HVAC), plumbing, hydrogen sulfide and odor control systems, architectural features, structural modifications, concrete rehabilitation and site improvements.

11/16 – 11/20


Johns Hopkins Hospital | Traffic Master Plan, Baltimore, MD: Nate served as the partner-in-charge for a comprehensive pedestrian safety study as a follow-up to a study that was conducted by the Bloomberg School of Public Health Center for Injury Research and Policy for the core area of the JHH medical campus. The RK&K project expanded the study to the entire campus area and focused on a number of critical safety and operational areas that were identified by JHH staff.

16. Staff Experience:


Firm employed by RK&K			
Name	Stuart Samberg, PE, PTOE, PTP, RSP, DBIA		Years of relevant experience with this employer
Title	Director		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	MS / 2014 / Sustainable Transportation Engineering; BS / 2006 / Civil Engineering		
Active registration number / state / expiration date	PE #0043906 / LA / 3.31.26 + other states (upon request); PTOE #3870 / USA / 07.21.24 PTP#615 / USA / 11.20.26; RSP#68 / USA / 12.21.24; DBIA#D-3308 / USA / 12.31.24 ATCSS		
Year registered	2014	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Project Manager; MPR Nos. 2 & 3	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
 <p>Stuart has managed on-call and stand-alone contracts, including management of internal and subconsultant resources, for state and local clients for more than a decade. He brings experience in all aspects of roadway design including ITS, traffic studies, signal design, signal timing optimization, corridor studies, traffic signing and marking plans, maintenance of traffic plans, street lighting, and intersection geometric improvements. Bringing a background with design and analysis to this contract, his work on roadway projects includes microsimulation, the civil elements, electrical elements, device placement, and analysis of device utilization to determine benefits of ITS.</p>			
08/23 - Ongoing	Mississippi Department of Transportation Roadway Design Services IDIQ Master Contract, Statewide, MS: Contract manager to provide roadway design services including feasibility and planning studies; capacity and traffic analysis; environmental services, studies, and reporting; erosion control plans; signing plans and details; traffic signal plans; ITS plans; lighting plans; structural evaluation and design; bridge hydraulic design; constructability reviews; and program management. Stuart develops project scopes and staffing plans, oversees quality efforts, and assures project delivery in accordance with Mississippi Department of Transportation requirements and expectations.		
02/22 - Ongoing	Mississippi Department of Transportation IDIQ Master On-Call Contract for Traffic Engineering Services, Statewide, MS: Contract manager to perform operational and safety studies and develop roadway, signal, signing/marking, ITS, and other engineering design plans for proposed safety improvements. Responsible for developing the new Traffic Control for Maintenance Operations (TCMO) modifications document in accordance with the 11th Edition of the <i>Manual on Uniform Traffic Control Devices</i> (MUTCD). Stuart develops project scopes and staffing plans, oversees quality efforts, and assures project delivery in accordance with Mississippi Department of Transportation requirements and expectations. Three tasks under this contract involve identifying high-crash locations and designing the implementation of proven safety countermeasures to address issues at each location.		

NAME	Stuart Samberg, PE, PTOE, PTP, RSP, DBIA
11/22 - Ongoing	Tennessee Department of Transportation I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN: Traffic engineering engineer of record to provide support for the design manager and lead efforts for the signing, signals, pavement markings, maintenance of traffic, lighting, and ITS disciplines. Responsible for providing construction plans, specifications, and reports; multi-discipline design services; design management and quality control; design field investigations; as-built engineering; quality control construction inspections; and reviewing and responding to submittals and requests for information.
06/22 - Ongoing	Gwinnett County Transportation Consultant Professional Services, Gwinnett County, GA: Contract manager for two contract categories under this on-call contract: transportation planning and transportation design. Stuart develops projects, staffs each task order, provides technical guidance, and assures that quality procedures are followed. Planning work have included the School Access Improvement Study for Mill Creek High School, the Jim Moore Road ICE Analysis and South Gwinnett and Parkview High Schools Safety Study, and the Gwinnett County Safe Streets for All Plan Development.
02/22 – 12/23	South Carolina Department of Transportation On-Call Roadway Engineering Services, Intersection Improvement at S-179 (McIver Road) and S-252 (Old Florence Road), Darlington County, SC: Contract manager and technical advisor for the improvements at S-179 (McIver Road) and S-252 (Old Florence Road) in Darlington County, SC. Responsible for project management/organization; traffic studies/design; public involvement; conceptual, preliminary, right-of-way, and final road construction plans/specifications; utility coordination; construction cost estimates; and construction phase services. Improvements included a new roundabout design and the realignment of the intersection to improve safety, capacity, and performance, including reducing impacts to the adjacent railroad crossing gate.
02/19 – 06/22	Georgia Department of Transportation Regional Operational Improvements On-Call Contract for Districts 1, 2, and 5, Dekalb, Clayton & Rockdale Co., GA: Contract manager leading the development of multiple synopsis packages for high-benefit, low-cost intersection and interchange improvements; an interchange modification report for I-20 and SR 42; and intersection improvement plans for SR 3 at Flint River Road. Stuart oversaw the development of minimal plan packages for four intersections, each with a construction budget under \$200,000. Improvements included adding turn lanes and reducing shoulders to increase capacity. For the SR 3 at Flint River Road project, Stuart led the development of PFPR/FFPR plans to add a triple left-turn lane along the Flint River approach and revise the median along SR 3. An additional task involved the microsimulation analysis and the development of an interchange modification report for I-20 and SR 42 in Fulton and DeKalb counties. Services provided under this contract include traffic analysis, concept development, and benefit-cost analysis for multiple synopsis projects.
03/20 – 03/22	Florida Department of Transportation District Five Freight Studies for Improved Mobility and Safety, Flagler, Volusia, Brevard, Osceola, Seminole, Lake, Sumter, and Marion Counties, FL: Contract manager responsible for a literature search, stakeholder engagement, data collection, preparation of an opportunity and needs document, concept development, updates to the concept of operations and regional Intelligent Transportation System (ITS) architectures (RITSA), and an implementation plan. Stuart prepared a final comprehensive report which included all essential technology information, future implementations, final recommendations, and cost estimates.

16. Staff Experience:

Firm employed by RK&K				
Name	Michael Merritt, PE		Years of relevant experience with this employer	29
Title	Executive Director		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		BS / 1989 / Civil Engineering		
Active registration number / state / expiration date		PE #021122 / NC / 12.31.2024; + other states (upon request)		
Year registered	1995	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		QA/QC; Technical Advisor		
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 years of experience specified in the applicable MPR(s).			
	Michael brings extensive on-call contract experience, having managed RK&K’s entire roadway group and served as design manager on Tennessee Department of Transportation and North Carolina Department of Transportation design-build projects, as well as Quality Assurance Manager (QAM) on municipal work completed in Tennessee and North Carolina. His expertise and knowledge contribute to RK&K’s success and reputation for delivering quality and innovative projects. Michael has been instrumental in developing and continually keeping the firm’s overall QA/QC policy manual updated and implemented firmwide. He will use his experience to author and implement a project-specific QAM tailored to meet your project’s quality requirements coupled with our internal requirements.			
05/22 - Ongoing	North Carolina Department of Transportation 2021 Planning & Design and General Engineering Limited Services Agreement, Western Region, Task: Triangle Innovation Point Roadway Network Improvements, Moncure, NC: Design manager responsible for managing and coordinating turnkey planning and design services for major roadway improvements associated with 2,150-acre Triangle Innovation Point industrial development.			
08/19 – 05/24	North Carolina Department of Transportation I-95 Widening and Interchange Reconstruction Design-Build, Cumberland and Harnett Counties, NC: Design manager responsible for the design, management, and coordination of this \$404 million 15.3-mile design-build project that improves safety, increases reliability, adds capacity and brings the most heavily traveled segment of 1-95 up to current design standards. This project widens 1-95 from four lanes to eight lanes and reconstructs interchanges from south of 1-95 Business/US 301 (Exit 56) to north of SR I 002 (Long Branch Road -Exit 71). This project also replaces and upgrades 12 bridges along the project corridor.			
02/18 – 10/19	North Carolina Department of Transportation Division 11, Year 7 Low Impact Bridge Design-Build, Ashe, Caldwell, Surry, and Yadkin Counties, NC: Design manager responsible for managing the roadway design and final construction plans and coordinating this NCDOT design-build contract to replace four (4) low impact bridges, using staged construction or on-site with off-site detours. These bridge projects were built under one Express Design-Build Contract and included bridges designated as Sub-Regional.			
01/18 – 02/23	North Carolina Department of Transportation US 17 Business/NC 37 Perquimans River Swing Span Bridge Design-Build, Perquimans County, NC: Design manager responsible for the design, management, and coordination for the widening of a portion of US 17 Business/NC 37 and the replacement of the historic swing bridge over the Perquimans River. The project required the design of a two-lane facility north of the proposed new bridge, including a swing span section over the navigational channel and bridging the adjacent earthen causeway, and the design for the bridge tender’s house. The permanent removal and disposal of the existing bridge was also involved.			

16. Staff Experience:

Firm employed by RK&K			
Name	Joe Baan, PE		Years of relevant experience with this employer
Title	Senior Project Delivery Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	MS / 2009 / Engineering Management; BS / 2004 / Chemical Engineering		
Active registration number / state / expiration date	PE #70646 / FL / 02.28.25 Florida Department of Transportation Traffic Control #33132; FAA Remote Pilot		
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Roadway / Drainage / Hydraulic Design		
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 years of experience specified in the applicable MPR(s).		
	Joe’s experience includes both roadway and drainage engineering for major and minor projects in the design, Project Development & Environment (PD&E), and construction phases. He has worked on interstates, new alignments, widenings, complete streets, and trail projects throughout his career. He has managed projects with local, State, and Federal funding and understands the desires and perspectives of the various types of clients. His time as the City of Lakeland Engineering Manager gives him a holistic cradle-to-grave perspective of transportation projects with planning, funding, design, construction, and maintenance experience.		

05/22 - Ongoing

Polk County Board of Commissioners | Engineering Services for Drainage Improvement Projects, Polk County, FL: Project manager for a three-project bundle of drainage improvement projects. Lake Victoria Outfalls analyzes and replaces an aging storm drain system in southern Lakeland through a private subdivision and environmentally sensitive areas. Indian Woods Trail addresses flooding complaints reported throughout a subdivision in north Lakeland by improving conveyance in ditches and storm drain systems throughout the area. Creekwater Drive replaces a major cross drain that has washed out a roadway and driveways in recent years.

08/20 - Ongoing

Florida Department of Transportation | Districtwide Drainage Connection Permitting Review Support, Bartow, FL: Project manager overseeing drainage reviews of drainage connection and access permits for District One. Responsible for quality control and conflict resolution for all Ops Centers. Joe reviewed applications for compliance with 14-86 F.A.C. and other Florida Department of Transportation standards through their One Stop Permitting (OSP) program. The program reduced standard comments checklist from 28 pages to a two-page excel spreadsheet that automatically generates comment letters and expanded reviews without increasing funding.


11/22 – 10/23

City of Bonita Springs | US 41 & Bonita Beach Road Quadrant Northwest Phase I CN 22-02, City of Bonita Springs, FL: Project manager responsible for managing scope schedule, etc. This project involves the design of a one-mile-long two-lane undivided new roadway in the northwest quadrant of the US 41 at Bonita Beach Road intersection to relieve excessive queueing. The project includes a continuous flow intersection at Windsor Road and Bonita Beach Road. Advanced SYNCHRO modeling was used to fine-tune the queue lengths and operational properties of the innovative intersection.


09/20 – 03/23

Florida Turnpike | Turnpike Mainline (SR 91) Resurfacing from Mile Post 57.3 to Mile Post 65.2, Broward County, FL: Roadway Lead for the 7.9-mile resurfacing of Florida’s Turnpike Mainline (SR 91) including milling and resurfacing the existing mainline travel lanes and shoulders, as well as implementing recommended safety upgrades along SR 91. The design included several areas of cross-slope correction and deep milling to address substantial cracking.


16. Staff Experience:

Firm employed by RK&K			
Name	Jason Lyle, PE		Years of relevant experience with this employer
Title	Director		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	BS / 2003 / Civil Engineering; AS / 2000 / Civil Engineering		
Active registration number / state / expiration date	PE #69009 / FL / 02.28.25		
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Roadway / Drainage / Hydraulic Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	Jason has experience in roadway and trail design, for which projects include new sidewalk and trail, pedestrian bridges, roadway widening, new construction, as well as resurfacing, restoration and rehabilitation (RRR) projects for various clients including the Florida Department of Transportation (FDOT) Districts One, Two, Three, and Seven; Florida’s Turnpike Enterprise (FTE); and Polk County. He also is responsible for project management, including managing scope, budget, and schedule; leading the coordination efforts with the client, the design team and various stakeholders; establishing horizontal and vertical alignment; designing interchange and intersection geometry; preparing temporary traffic control plans (TTCP); preparing pavement designs, typical sections and quantity estimates; and performing traffic signal warrants.		
	08/23 - Ongoing	Florida Department of Transportation CAP01 District 1 Resurfacing Continuing Services Contract, Polk County, FL: Project manager and contract manager overseeing all tasks performed for the pavement only resurfacing work along SR17.	
	02/23 - Ongoing	Brevard County Public Works Department Professional Services-Engineering Continuing Contract, Brevard County, FL: Contract manager for planning, construction, reconstruction, or rehabilitation of the transportation network, which includes 1,224 miles of roads, 1,300 miles of drainage systems, and over 350 traffic signals. Jason managed the roadway design and permitting services for the addition of turn lanes at Wickham Road and Pineda Causeway; provided quality assurance for the development of a watershed model to analyze major crossings and recommend improvement projects, within the project area of the Scottsmoor Basin east of I-95, approximately 3,000 acres, and quality assurance for the analysis of documented flooding areas, design of proposed improvements and preparation of construction drawings and supported technical specifications for the Dixie Village project.	
	11/22 – 10/23	City of Bonita Springs US 41 & Bonita Beach Road Quadrant Northwest Phase I CN 22-02, Bonita Springs, FL: QA manager for the design of a one-mile-long, two-lane undivided new roadway in the northwest quadrant of the US 41 at the Bonita Beach Road intersection to relieve excessive queueing. The project includes an innovative continuous flow intersection at Windsor Road and Bonita Beach Road, a new stormwater management system, and permitting through SFWMD, USACE, Lee County, and FDOT.	
	05/20 – 01/21	Collier County Transportation Planning Section Design Assistance, Collier County, FL: Contract manager for this task-based as-needed civil engineering services contract to provide highway/roadway, transportation, structural, traffic, water/wastewater engineering; transportation planning; surveying and mapping services; stormwater management; sidewalk design; noise studies; intelligent transportation systems (ITS); environmental permitting; natural resources; lighting design; subsurface utility engineering; and construction site planning. Jason also served as task manager/engineer-of-record for the following task work orders, all of which include roadway, drainage and traffic-related elements: Donna Street and Solana Road speed table design; Peters Avenue sidewalk design; and Goodlette Road paved shoulders design.	

16. Staff Experience:


Firm employed by RK&K			
Name	Chris Jordan, PE, DBIA		Years of relevant experience with this employer
Title	Director		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	BS / 2009 / Civil Engineering		
Active registration number / state / expiration date	PE #33158 / MS / 12.31.24; + other states (upon request) DBIA Certified Design-Build Professional #D-3943		
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Roadway / Drainage / Hydraulic Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	As an RK&K Director and a former South Carolina Department of Transportation Program Manager, Chris brings transportation project management and design experience. For 12 years, he served as an South Carolina Department of Transportation Program Manager, overseeing production of multiple transportation projects, including roadway and interstate widening, bridge replacements, and interchange improvements. He also managed Local Program Administration funded projects and County Transportation Committee projects. Since joining RK&K, Chris has managed the Columbia office, which includes roadway, structural, and hydrology design professionals. He has worked on multiple Department of Transportation projects, including the I-40 widening and improvements design-build project, which includes 12.8 miles of interstate widening, multiple interchange modifications, and the replacement of numerous bridges. He will bring that experience and knowledge of South Carolina Department of Transportation practices and procedures to this contract.		
02/22 - Ongoing	Town of Mount Pleasant Transportation On-Call Services Contract, Mount Pleasant, SC: Project manager responsible for providing professional services including engineering, urban transportation planning, roadway design, surveying, permitting, geotechnical engineering, right-of-way acquisition, construction engineering and inspection, and related services for on-call transportation projects. Tasks included peer review of I-526 at Long Point Road, bus stop on Johnnie Dodds Boulevard and Frontage Road, and bus stops on Stuart Engals Boulevard.		
07/23 – Ongoing	Berkeley County Government Civil Engineering - Indefinite Delivery Contract, Berkeley County, SC: QA/QC manager responsible for ensuring all QC procedures are followed and providing independent reviews. RK&K is providing roadway design, rehabilitation, resurfacing, and paving; Roadway and outfall drainage improvements; transportation enhancement improvements, traffic studies, and roadway planning; and construction administration and inspection services.		
02/22 – 12/23	South Carolina Department of Transportation On-Call Roadway Engineering Services, Intersection Improvement at S-179 (McIver Road) and S-252 (Old Florence Road), Darlington County, SC: Project manager responsible for supervising the design staff, performing quality checks, and ensuring compliance with schedule and budget. Improvements included a new roundabout design and the realignment of the intersection to improve safety, capacity, and performance, including reducing impacts to the adjacent railroad crossing gate.		
11/20 – 11/23	South Carolina Department of Transportation On-Call Roadway Design, Intersection Improvements, and Interstate Reconstruction Engineering Services, Statewide, SC: Project manager responsible for day-to-day project management and oversight of design, schedule, and budget. Tasks range from the realignment of S-252 with S-179 to improve truck turning movements, intersection functionality, and safety (Darlington County) to the realignment of S-385 at Highway 15-401 Bypass West to improve overall functionality and operations (Marlboro County).		

16. Staff Experience:


Firm employed by RK&K			
Name	Patrick Leap, PE, CPESC		Years of relevant experience with this employer
Title	Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	BS / 2007 / Civil Engineering/Transportation Engineering		
Active registration number / state / expiration date	PE #34501 / MS / 12.31.24; + other states (upon request) ECII Certified Professional in Erosion & Sediment Control #6324 / 04.26.25		
Year registered	2012	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Roadway / Drainage / Hydraulic Design		
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 years of experience specified in the applicable MPR(s).		
	Patrick is a Project Manager with experience in transportation design, including rural and urban roadways, interstates and interchanges, roundabouts, signing and pavement marking, urban drainage, signal design, Complete Streets, safety improvements, and ADA updates. He has been the engineer of record for a variety of projects ranging from Tennessee Department of Transportation design-build (DB) and construction manager/general contractor (CMGC) to private and municipal roadways. Patrick provides project management and client coordination for roadway design and traffic, plan coordination, utility coordination, and participating at on-site meetings with contractors during construction.		

11/22 – Ongoing	Tennessee Department of Transportation I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN: Roadway engineer of record responsible for leading the roadway design team to complete the design and coordinate with other disciplines while following the TDOT Design-Build Standard Guidance manual. This project will modify the I-75 interchange at I-24, widen the I-24 and I-75 roadway in each direction, and replace bridges at I-24 at McBrien Road, I-24 at S. Moore Road, and I-75 over the CSX Railroad.
02/23 – Ongoing	Metropolitan Government of Nashville and Davidson County Complete Streets Design Engineering On-Call Contract, Nashville, TN: Project engineer responsible for the design and plans development. Design services for roadway improvements include NEPA/environmental permitting, drainage, stormwater, and survey for sidewalks, bikeways, multi-use paths, new roads or road extensions, expansions, or other roadway improvements.
03/20 – Ongoing	Tennessee Department of Transportation On-Call Intelligent Transportation System (ITS) Engineering Services Contract, Statewide, TN: Roadway engineer developing preliminary concept plans and cost estimates for three tasks associated with the I-24 SMART Corridor Phase III project, including the ramp metering preliminary plans, the arterial ITS, and the intersection improvements on SR-1. Patrick conducted site visits and developed conceptual roadway plans to calculate quantities and identify required survey limits. For the ramp metering project, Patrick laid out the ramp extensions needed for acceleration length. He also supported fieldwork for the statewide weigh-in-motion and intersection upgrades with site visits and preliminary plan development.
09/20 – 08/24	Tennessee Department of Transportation Strategic Transportation Investment Division General On-Call, Statewide, TN: Roadway engineer responsible for the review of existing crash information, development of countermeasures, and funding applications for HSIP. Tasks included the development of road safety audits along SR 180 (Haywood County) and SR 45 (Davidson County).


16. Staff Experience:

Firm employed by RK&K			
Name	Michael Cooper, PE		Years of relevant experience with this employer
Title	Project Delivery Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	MS / 2024 / Engineering Management; BS / 2007 / Civil Engineering		
Active registration number / state / expiration date	PE #35416 / MS / 12.31.25; + other states (upon request); TDEC Erosion Prevention & Sediment Control Level I Fundamentals #150743 / 12.31.26		
Year registered	2011	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Roadway / Drainage / Hydraulic Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	Michael is an experienced water resources engineer and project manager focusing on stormwater management design; hydrologic and hydraulic modeling and design; watershed study and stormwater master plan development, modeling, and design; MS4 plan development and review; and environmental permitting for infrastructure improvement projects. He has successfully delivered water resources and hydrologic and hydraulic projects throughout Tennessee, managing multiple projects simultaneously. He was an in-house consultant within the Tennessee Department of Transportation Environmental Division’s permits section, conducting permit assessments, preparing water quality permit applications, and obtaining permits for Tennessee Department of Transportation projects, reviewing and generating internal guidance documents, supporting the Roadway Design Division, permits section, ecology section, and other various offices and sections within the Department regarding process improvement initiatives.		
11/22 – Ongoing	Tennessee Department of Transportation I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN: Hydraulics and hydrology technical lead responsible for hydraulic and hydrologic technical review/quality control of the stream mitigation analysis and design work. Michael’s duties include collecting hydraulic data and evaluating and validating modeling input parameters.		
07/24 – Ongoing	City of Clarksville Spring Creek Parkway Extension On-Call Contract for a Conceptual Engineering Study, Clarksville, TN: Water resources/hydraulics lead assisting with a conceptual engineering study to extend the Spring Creek Parkway that is currently under construction. Michael is determining the most suitable locations and design for the project, taking into account the natural terrain, existing developments, and cost-effectiveness.		
2018 – 11/20	Tennessee Department of Transportation State Route 96 Widening, Williamson County, TN: Michael performed a peer review of a natural channel stream design for a proposed roadway widening. He managed the hydraulic analysis and modeling of the existing and proposed stream STR-7 and the existing and proposed culvert crossings of SR 96 over stream STR-7. Michael prepared a one-dimensional stream modeling of the subject reach and computed stream hydraulic parameters to ensure the viability of the proposed stream design.		
2018 – 2019	Georgia Department of Transportation State Route 64 Bridge Replacement over the Satilla River, Atkinson County, GA: Senior water resources engineer for the replacement of existing 13-span bridge over Satilla River main channel and floodplain bridge. Michael oversaw QA/QC and HEC-RAS hydraulic modeling, analysis, calculations, and design. He performed FEMA floodplain analysis, as well as calculation of general contraction/pier scour per FHWA HEC-18 and design of scour countermeasures per FHWA HEC-23.		

16. Staff Experience:

Firm employed by RK&K			
Name	Liz Lorello, PE		Years of relevant experience with this employer
Title	Project Delivery Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	BS / 2007 / Civil Engineering		
Active registration number / state / expiration date	PE #74699 / FL / 02.28.25		
Year registered	2012	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	Roadway / Drainage / Hydraulic Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	Liz has been responsible for the design of drainage and stormwater management systems for various types of roadway improvement projects, such as urban and rural roadway widenings, resurfacings, intersection reconfigurations, and limited access facility projects. She produces layout and design of cross drains, ponds, storm sewer systems, as well as prepares plans and design documentation. She coordinates with many agencies, including SWFWMD, SFWMD, FDEP, and USACE to obtain various permits; serves on several minor design and scenic enhancement districtwide contracts; and is well versed in the execution of on-call and task work order-based contracts.		
11/23 - Ongoing	City of Bonita Springs East Terry Street Stormwater and Multi-Use Pathway Project, Bonita Springs, FL: Drainage engineer overseeing the design of the stormwater improvements to mitigate historical flooding at several locations along East Terry Street from Old US 41 to Bonita Grande Drive. Elements also include a shared-use path and other multimodal improvements from Imperial Parkway to Bonita Grande Drive.		
09/20 - Ongoing	Florida Department of Transportation District One SR 572 (Drane Field Road) at Waring Road Multi-lane Roundabout Design, Lakeland, FL: Drainage engineer managing the design of storm sewer facilities and pond site and providing the floodplain compensation analysis to reconfigure an existing intersection at SR 572 (Drane Field Road) and Waring Road from a signalized intersection to a multi-lane roundabout.		
04/22 – 04/24	Florida Department of Transportation District Seven US 19 (SR 55) from South of CR 528 (Drew Street) to North of CR 576 (Sunset Point Road), Clearwater, FL: Drainage engineer for this resurfacing and safety improvement project along US 19. This 2-mile-long project includes the limited access mainline, ramps, and frontage roads in an urban area of Clearwater. The scope includes geometric improvements at three interchanges, traffic signal relocation, and ADA upgrades.		
05/23 – 07/23	Brevard County Professional Services-Engineering Continuing Contract, Task: Wickham Road at Pineda Causeway Intersection Improvements, Brevard County, FL: Project manager for design and permitting for improvements to Wickham Road and Pineda Causeway. Liz led the effort on drainage improvements, signing and pavement marking upgrades, utility coordination, as well as permitting compliance through St. Johns River Water Management District and FDEP.		
09/20 – 03/23	Florida Turnpike Turnpike Mainline (SR 91) Resurfacing from Mile Post 57.3 to Mile Post 65.2, Broward County, FL: Drainage engineer for the 7.9-mile resurfacing design. Liz evaluated drainage and stormwater systems and managed the design. The project included milling and resurfacing the existing mainline travel lanes and shoulders, as well as implementing recommended safety upgrades along SR 91.		

16. Staff Experience:

Firm employed by RK&K			
Name	Randall Mungo, PE, CEPSCI		Years of relevant experience with this employer
Title	Senior Project Delivery Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 1989 / Civil Engineering	
Active registration number / state / expiration date		PE #19843 / SC / 06.30.26 SCDOT Certified Erosion Prevention & Sediment Control Inspector #11628 / 06.30.25	
Year registered	1999	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Roadway / Drainage / Hydraulic Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	<p>Randall brings a breadth of experience from the field of water resources management including performing erosion and sediment design studies and assisting in implementing GEOPAK drainage departments for Department of Transportation agencies. He also set and managed policy for bridge hydraulics, road drainage, and stormwater management. He performs stormwater studies, designs complex bridge computer models and scour studies, as well as sediment and erosion control plans, detention and retention ponds. He is an expert in hydraulic design engineering, reviewing plans and studies for compliance standards and requirements. He assists with the scope and design criteria for various Design-Build projects.</p>		

12/20 – Ongoing

South Carolina Department of Transportation | 2019 On-Call Traffic Safety Engineering Services Contract, Task: S-169 (Von Ohsen Rd) at S-881 (Lincolville Rd) Intersection Improvements, Charleston, SC: Hydraulic design manager responsible for comprehensive hydrology and hydraulic design and stormwater management (erosion control and NOI). Randall performed full reviews of all design aspects related to the project, including the hydrologic analysis and hydraulic design for the drainage systems, stormwater management, and erosion control, and right-of-way and final plans for the roundabout. He attended meetings with SCDOT staff to coordinate the project’s design and construction features. The hydraulic design included storm sewer analysis and replacement, and design of ditches and outfall ditches. A stormwater management report, including an NPDES and NOI, was submitted as a final deliverable.


06/22 – 12/23

South Carolina Department of Transportation | On-Call Roadway Engineering Services, Task: Intersection Improvement at S-179 (McIver Road) and S-252 (Old Florence Road), Darlington County, SC: Hydraulic manager responsible for the hydrology and hydraulic design for the roundabout project. Randall also produced the stormwater management plan to include erosion and sediment control and coordinated with SCDOT to ensure the design met their criteria and to include their comments in the right-of-way and final plans.

08/22 – 03/23

Town of Mount Pleasant | Transportation On-Call Services Contract, Task: Hobcaw Point Subdivision Drainage Study and Design, Mount Pleasant, SC: Project manager supervising the study team to ensure the project achieved its objectives, including quality, schedule, and budget, to mitigate flooding, erosion, and stormwater drainage underperformance. Randall oversaw the analysis of the subdivision’s existing drainage using XPSWMM computer model, based on 2050 build-out conditions of 40% impervious surface. The study identified and confirmed insufficient drainage systems, requiring the design of new and additional drainage systems. The team developed a design to include erosion control; NOI submittal/coordination; and plans and cost estimates.

16. Staff Experience:

Firm employed by RK&K			
Name	Shreyas Bharadwaj, PE, PTOE		Years of relevant experience with this employer
Title	Project Delivery Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2013 / Civil Engineering; BE / 2011 / Civil Engineering	
Active registration number / state / expiration date		PE #046594 / NC / 12.31.24; + other states (upon request); PTOE #4624 / USA / 03.27.25 Traffic Engineering Process & Report (TEPR) Class Modules 1, 2, & 3 / LTRC	
Year registered	2017	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Traffic / Maintenance of Traffic	
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 years of experience specified in the applicable MPR(s).		
 <p>Shreyas has 13 years of experience in the field of traffic engineering and planning. His experience includes capacity analysis, crash analysis, traffic operational analysis, microsimulation, traffic signal design, traffic impact studies, signal warrant analysis, turn lane warrants, signal timing optimization, traffic signing and marking plans, travel demand forecasting and urban street design. His specialty areas include congestion management studies, feasibility studies for widening projects, travel demand modeling, transit studies, traffic impact analysis, transportation planning, traffic operation and safety studies.</p>			

11/22 - Ongoing

Tennessee Department of Transportation | I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN: Lead traffic engineer responsible for the operational analysis to support the maintenance of traffic activities during construction. Shreyas developed strategies to minimize operational impacts along I-75/I-24 and the adjacent arterial corridors. He developed signal timing plans for the different phases of construction and performed field reviews to fine-tune signal timings.


02/22 – 12/23

South Carolina Department of Transportation | On-Call Roadway Engineering Services, Task: Intersection Improvements at US 15/401 at SC 385 (W. Main Street) and Adjacent Intersections, Bennettsville, Marlboro County, SC: Lead traffic engineer to develop solutions to address existing safety deficiencies at the intersection. Shreyas evaluated and recommended improvement alternatives and was responsible for the safety analysis, operational analysis, and traffic forecasting. The selected alternative was a realigned W. Main Street that would tie into US 15/401 addressing existing horizontal curve issues.

02/22 – 12/23

South Carolina Department of Transportation | On-Call Roadway Engineering Services, Task: Intersection Improvement at S-179 (McIver Road) and S-252 (Old Florence Road), Darlington County, SC: Lead traffic engineer responsible for all traffic engineering work, including traffic forecasting, and traffic safety and operational analysis. Shreyas developed improvement alternatives with safety improvement measures and prepared and authored the traffic report. Improvements included a new roundabout design and the realignment of the intersection to improve safety, capacity, and performance, including reducing impacts to the adjacent railroad crossing gate.

16. Staff Experience:

Firm employed by RK&K			
Name	Rich Clifton, PE, PTOE		Years of relevant experience with this employer
Title	Director		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 1986 / Civil Engineering	
Active registration number / state / expiration date		PE #016274 / NC / 12.31.24; + other (upon request); PTOE #3131 / USA / 11.22.26 VDOT Work Zone Traffic Control (Advanced) Certification #071024432 / 07.31.28	
Year registered	1990	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Traffic / Maintenance of Traffic	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
	Rich brings over 35 years' experience in traffic engineering with an emphasis on the development of maintenance of traffic/sequence of construction plans. He has experience managing a variety of large and small transportation improvement projects including working on several design-build, P3, and PPTA projects in Virginia. His experience includes serving as the Quality Assurance Manager for the design phase of the Virginia Department of Transportation (VDOT) Route 460 Corridor Improvements as well as serving as the Responsible Charge Engineer for the Virginia Department of Transportation Transform I-66 Outside the Beltway express lanes project.		

10/17 – 11/22

Virginia Department of Transportation | Transform I-66 Outside the Beltway P3 Project, Northern Virginia: Responsible charge engineer (RCE) and maintenance of traffic (MOT) manager for this \$2.3B project in Fairfax and Prince William Counties. As RCE, Rich acted on behalf of the developer, authorized to reject, or approve both the engineering and construction work in progress and the final product. He ensured that all engineering services were performed by properly qualified and licensed professionals. He addressed conflicts between design standards and field conditions and identified solutions to mitigate any impacts of not meeting minimum standards. Rich identified and developed several design modifications throughout the project to reduce costs, improve traffic operations and/or address construction deficiencies.


12/10 – 07/19

Virginia Department of Transportation | Project Management for the Downtown Tunnel / Midtown Tunnel / MLK Freeway Extension (PPTA), Portsmouth, VA: Design manager and lead traffic engineer on the VDOT staff augmentation contract for the project. Rich coordinated reviews performed by various discipline experts for all design plans submitted by the design-build team, approving all comments, and making recommendations for rejection or approval of the plans. He worked closely with VDOT staff, design, and construction personnel for the Design-Build team, the owner team representative (Elizabeth River Crossings, LLC), and the discipline experts on the staff augmentation team. Rich also reviewed the signing plans, pavement marking/marker plans, traffic signal plans, and the MOT plans.

12/15 – 05/17

Virginia Department of Transportation | I-64 Widening, York and James City Counties, VA: Traffic management plan (TMP) manager, Rich coordinated the TMP development and supervised the design of the MOT plans by the design consultant. He also developed MOT plans for widening the bridges to allow for only one temporary traffic shift on each of the impacted cross streets, minimizing the number of phases/traffic shifts required. He prepared each phase as an independent package to allow construction to get started prior to completing the plans. The project included widening and rehabilitation of nine overpass bridges and modifications to three interchanges.

16. Staff Experience:

Firm employed by RK&K			
Name	Frances Menke, PE		Years of relevant experience with this employer
Title	Project Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2012 / Civil Engineering (Transportation); BS / 2011 / Civil Engineering-Minors/Transportation & Mechanical Engineering	
Active registration number / state / expiration date		PE #42285/ SC / 06.30.26; + other states (upon request) VDOT Work Zone Traffic Control (Advanced) Certification #021021136 / 07.31.26 ATSSA Traffic Control Design Specialist Certification #955656 / 07.21.2026	
Year registered	2017	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Traffic / Maintenance of Traffic	
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 years of experience specified in the applicable MPR(s).		
 <p>Frances brings extensive traffic design experience, from the preparation of maintenance of traffic/sequence of construction plans to ITS planning and design, traffic signing design, and traffic signal design. She performs level design and analysis through to the production of final construction plans. Professional certifications include traffic engineering, ITS, signing and pavement marking, temporary traffic control, VDOT Advanced Work Zone Traffic Control Training. Software skills include Microstation, GuideSign, Synchro, HCS, and Geopak. Frances supports transportation infrastructure projects in Tennessee, North Carolina, Virginia, Maryland, and the District of Columbia.</p>			

11/22 - Ongoing

Tennessee Department of Transportation | I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN: Traffic engineer providing MOT plans for I-24 and I-75. In addition to the typical construction signing and striping, Frances developed the maintenance of traffic plans for extensive temporary pavement, ramp reconfiguration, and many long-term detour routes. She also developed the MOT plans associated with the short-term closure of I-24.


02/23 – Ongoing

Virginia Department of Transportation | Route 29 - Candler Mountain Interchange Improvements, Lynchburg, VA: Traffic engineer providing construction phasing plans for rebuilding Route 29 at Candler Mountain Interchange. Frances developed MOT plans with the intent of maintaining access to businesses within the project limits throughout construction given the urban nature of Candler Mountain Road. This project involved building a new bridge and reconfiguring all ramps at the interchange, as well as mill and overlay operations along Candler Mountain Road.


03/20 - Ongoing

Tennessee Department of Transportation | On-Call Intelligent Transportation System (ITS) Engineering Services Contract, Statewide, TN: Traffic engineer assisting with the development of the preliminary concept plans and cost estimates for three tasks associated with the I-24 SMART Corridor Phase III project, including the Ramp Metering Preliminary Plans, the Arterial ITS, and the Intersection Improvements on SR-1. Frances created a cost-benefit ranking system to allow TDOT to select and prioritize other improvements at the 150 intersections in the future.


16. Staff Experience:

Firm employed by RK&K			
Name	Andy Moy, PE		Years of relevant experience with this employer
Title	Project Delivery Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2012 / Civil Engineering (Transportation); BS / 2011 / Civil Engineering-Minors/Transportation & Mechanical Engineering	
Active registration number / state / expiration date		PE #31756/ MS / 12.31.25; + other states (upon request) VDOT Work Zone Traffic Control (Advanced) Certification #021021142 / 02.28.25	
Year registered	2018	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Traffic / Maintenance of Traffic	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
 <p>Andy as traffic engineer has worked on projects providing traffic analysis, traffic signal design, traffic signing design, preparation of maintenance of traffic (MOT)/sequence of construction plans, ITS planning and design, roadway lighting design, and construction management services. Andy's most comparable experience is in his current role as project manager for RK&K's on-call contract providing traffic engineering services for Arlington County, Virginia, for which he was the client's primary point of contact for design services and traffic studies. He oversaw the development of eight intersection improvement plans for the County, including traffic signals, signing/markings, lighting, and ITS elements. He also performed numerous diverse traffic studies to improve transportation in Arlington County.</p>			
08/23 – Ongoing	Mississippi Department of Transportation Roadway Design Services IDIQ Master Contract, Task: US 98 Pearl River Value Engineering Study, Marion County, MS: Traffic engineer providing value engineering (VE) to assess this bridge replacement project for MDOT. Andy reviewed traffic signing, pavement markings, and MOT elements. The MOT was an area where the team had multiple suggestions to reduce the construction duration and impact on the traveling public. For instance, the existing divided highway had separate structures for each direction. To expedite construction, the VE team proposed to consolidate the structures into a single structure that would be off the existing alignment to compress the construction duration and greatly minimize the impact on the traveling public.		
03/20 - Ongoing	Tennessee Department of Transportation On-Call Intelligent Transportation System (ITS) Engineering Services Contract, Statewide, TN: Traffic engineer providing oversight to help develop concepts and quality control for three task orders associated with TDOT's I-24 SMART Corridor Phase III project, including the Ramp Metering Preliminary Plans, the Arterial ITS, and the Intersection Improvements on SR-1. The overall vision for the corridor is to improve travel time between Rutherford and Davidson Counties.		
11/22 – 10/23	City of Bonita Springs US 41 & Bonita Beach Road Quadrant Northwest Phase I CN 22-02, Bonita Springs, FL: Traffic engineer responsible for plan development involving the design of a one-mile-long, two-lane undivided new roadway in the northwest quadrant of the US 41 at Bonita Beach Road intersection to relieve excessive queueing. The project includes a continuous flow intersection at Windsor Road and Bonita Beach Road. Advanced SYNCHRO modeling was used to fine-tune the queue lengths and operational properties of the innovative intersection.		


16. Staff Experience:

Firm employed by RK&K			
Name	Jeremy Keene, PE, DBIA		Years of relevant experience with this employer
Title	Senior Project Delivery Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MCE / 2012 / Civil Engineering; BS / 2009 / Civil Engineering	
Active registration number / state / expiration date		PE #122998/ TN / 08.31.25; + other states (upon request) DBIA Certified Design-Build Professional #1135562 NHI/FHWA Fracture Critical Inspection Techniques for Steel Bridges NHI/FHWA Safety Inspection of In-Service Bridges	
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Bridge Design	
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 years of experience specified in the applicable MPR(s).		
<div>  <p>Jeremy is responsible for the design and inspection of curved and straight steel, reinforced concrete and prestressed concrete structures, with an emphasis on bridge design. His experience includes highway, rail, and pedestrian structures incorporating AASHTO and AREMA design codes and utilizing design software such as MDX, Merlin-DASH, Mathcad, LEAP Bridge, STAAD, FB-MultiPier, and Microsoft Excel. In addition, he reviews shop drawings to ensure they meet the structural plans, project-specific requirements, and applicable specifications. Jeremy is also a certified bridge inspection team lead with experience performing element-based inspections and ratings on an array of structures across North Carolina.</p> </div>			
09/23 - Ongoing	North Carolina Department of Transportation Structures Management Support Services On-Call, Statewide, NC : Project engineer conducting on-site bridge inspection services for bridges and culverts across North Carolina and assisting with the structural design of a replacement bridge on US 74 over the Catawba River. Jeremy is overseeing the bridge substructure design and coordinating with other disciplines, including roadway, hydraulics, utilities, and geotechnical engineering for drilled shaft foundations. The project involves the staged construction of a 1,100-foot bridge carrying six traffic lanes and two multi-use paths.		
07/24 – Ongoing	North Carolina Department of Transportation US 1 over Old US 1 and CSX Railroad Bridge Rehabilitation, Moncure, NC : Project engineer responsible for inspecting the US 1 bridge over the old US 1 and CSX railroad and submitting reports written to National Bridge Inspection Standards (NBIS) standards and complete load ratings for municipal structures. He is developing rehabilitation plans and special provisions for the bridge rehabilitation work.		
08/23 – 12/23	Mississippi Department of Transportation Roadway Design Services IDIQ Master Contract, Task: US 98 Pearl River Value Engineering Study, Marion County, MS : Structures engineer responsible for bridge design and evaluation for this value engineering study. This study was for the bridge replacement and associated revetment project for a new bridge construction of US 98 over the Pearl River in Marion County, which included two new structures and construction of drainage and other miscellaneous requirements.		


16. Staff Experience:

Firm employed by RK&K			
Name	Eleni Riggs, PE, CFM		Years of relevant experience with this employer
Title	Technical Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2005 / Civil Engineering	
Active registration number / state / expiration date		PE #128909/ TN / 08.31.25; + other states (upon request) Certified Floodplain Manager #NC-19-0770 / 07.01.25 Erosion & Sediment Control Level III Certification / 12.31.26	
Year registered	2010	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Bridge Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
 <p>Eleni is a Technical Manager with extensive experience in hydraulic engineering, stormwater management, and erosion and sediment control for highway improvement projects. She models bridges and/or culverts in HEC-RAS to meet FEMA compliance on projects and performs quality control on HEC-RAS models and bridge/culvert survey reports for various bridge replacement and new construction projects. Eleni performs hydraulic analysis of ditches and storm drainage systems and develops erosion control plans for civil and roadway projects. She uses GEOPAK and GEOPAK Drainage, HEC-2, VURBAN, HY-8, TR-55/TR-20, MicroStation, AutoCAD and Microsoft Office.</p>			
06/18 – 06/23	North Carolina Department of Transportation I-40 Widening from I-440/US 64 to just north of SR 1525 (Cornwallis Road) including Improvements to NC 42, Wake and Johnston Counties, NC: Senior project engineer for the supplemental hydraulic surveying and preliminary drainage design of this 12.8-mile widening design-build project. Eleni oversaw the development of the preliminary drainage design plans, including preliminary storm drain computations and pipe data sheets for cost estimating. Improvements include open shoulders and divided median with five existing interchanges and one proposed interchange.		
06/17 – 12/20	North Carolina Department of Transportation Division 2 2015 Planning & Design On-Call, US 17 Widening, Beaufort and Martin Counties, NC: Senior project engineer responsible for the hydraulic surveying, drainage design, erosion control design, HEC-RAS modeling, and the stormwater management plan on a 10.6-mile US 17 widening project. Eleni prepared the bridge survey report for bridge 060056 and coordinated permit drawings to obtain 401 and 404 permits. She also implemented the Tar-Pamlico buffer design for half the project, which widened US 17 from two to four lanes with open shoulders and a divided median, including 10 intersections.		
05/17 – 11/19	North Carolina Department of Transportation Seven Low Impact Bridge Replacement Design-Build, Avery and Watauga Counties, NC: Senior project engineer responsible for erosion control plans, MOA preparation, HEC-RAS modeling, bridge hydraulic design, scour analysis, drainage design, and environmental permit preparation for this NCDOT design-build contract that includes the replacement of seven NCDOT low-impact bridges with culverts.		

16. Staff Experience:


Firm employed by RK&K				
Name	Kelly Hawkins, PE		Years of relevant experience with this employer	4
Title	Project Manager		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			BS / 2010 / Civil Engineering	
Active registration number / state / expiration date			PE #32015/ SC / 06.30.26; + other states (upon request)	
Year registered	2014	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Bridge Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
	Kelly is a Project Manager and a former South Carolina Department of Transportation associate engineer with extensive experience in structural design. She specializes in designing, developing, and managing structural plans for complex structures like skewed and curved bridges, spread footing abutments on rock, and retaining walls. She has conducted QA/QC plan reviews for both structural and roadway designs and for design-bid and design-build projects. Her expertise includes drafting with MicroStation and calculating plan quantities. She is well-versed in AASHTO and FHWA specifications, including bridge design manuals and load rating and inspection guidance.			
04/21 - Ongoing	North Carolina Department of Transportation Planning & Design On-Call Contract - US 19/129 Widening from the Georgia State line to US 64-74, Murphy, Cherokee County, NC: Bridge designer overseeing design activities to improve US 19/129, including correcting vertical and horizontal roadway deficiencies, adding turn lanes, improving sight distance, adding a climbing lane, and the widening of two lanes and shoulders along 3.7 miles of US 19/129 from the Georgia State Line to US 64/74 in Cherokee County.			
06/20 – 06/24	South Carolina Department of Transportation Closed and Load Restricted Bridge Package 2021-1 Design-Build, Multiple Counties, SC: Design engineer to provide structural design of cored slab or box beam superstructures; reinforced concrete end bents on steel piles; and interior bents supported by drilled shafts for this project to develop designs for eight fast-paced design-build low volume bridge replacements. Kelly also determined bridge load ratings according to SCDOT’s new Load Rating Guidance Document design lead, including obtaining No-Rise Certificates for all FEMA-involved bridges.			
07/20 – 06/22	South Carolina Department of Transportation Bridge Inspection and Evaluation Engineering Services, Statewide, SC: Design engineer supporting the bridge inspection team by documenting existing conditions in the field. Kelly then produced the inspection reports containing BIO bridge data, Bridge Element Group Textural data, defect quantities, inspection photographs, inventory photographs, vertical clearance sketches, stream ground profile, repair recommendations, and culvert profile sketches.			
01/18 – 12/21	South Carolina Department of Transportation US 29 SB Warren H. Abernathy Highway over North Tyger River, Spartanburg County, SC: Structures engineer responsible for the design and production of plans for a bridge replacement of US 29 Southbound over North Tyger River. Roadway alignment at the bridge curved, causing the bridge, constructed of a three-span AASHTO Type III prestressed concrete beams with integral bents on steel piles and interior bents on drilled shafts, to be built on a tangent and widened to accommodate the required shoulder and lane widths.			

16. Staff Experience:


Firm employed by RK&K			
Name	Pete Stafford, PWS, CMS-UAS		Years of relevant experience with this employer
Title	Director		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2000 / Environmental Science (Environmental Biology)	
Active registration number / state / expiration date		Professional Wetland Scientist #1715; Certified Mapping Scientist in UAS #032 FAA Remote Pilot #4238144	
Year registered	2007	Discipline	Wetland Scientist
Contract role(s) / brief description of responsibilities		Additional Support - Environmental	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
 <p>Pete has over 24 years of experience in permitting, ecology, geospatial analysis, protected species, and stream and wetland delineations. He is responsible for leading and executing a range of ecological studies, 404/401 permitting, and natural resource assessments. Pete also specializes in protected species assessment/surveys and utilizing GPS/GIS technology. He has experience in the following areas of expertise: supervisory skills, Jurisdictional Determination (JD)/delineation, NEPA planning, protected species habitat assessment/surveys, government agency coordination/negotiation, contractual agreements/budget oversight, and project delivery.</p>			

- 11/22 - Ongoing **Tennessee Department of Transportation | I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN:** Permitting and natural resources lead responsible for securing key environmental permits, including the TDEC Aquatic Resource Alternation Permit, USACE 404 permit, and Construction General Permit. Pete supports the erosion prevention and sediment control and hydraulic engineering teams in developing the SWPPP and led wetland and stream delineations for protected species. The project involves widening I-75 and I-24, ramp modifications, drainage improvements, new bridges, retaining/noise walls, paving, lighting, and signal modifications to enhance roadway capacity and infrastructure.
- 05/22 – Ongoing **North Carolina Department of Transportation | 2021 Planning & Design and General Engineering Limited Services Agreement, Western Region, Task: Triangle Innovation Point Roadway Network Improvements, Moncure, NC:** Natural resources discipline manager responsible for oversight of completing wetland and stream delineations, protected species habitat assessments and surveys, jurisdictional determination with government agencies, and oversight of other natural resource consultants on behalf of NCDOT, project management, and agency negotiation and coordination.
- 08/22 – 03/23 **Town of Mount Pleasant | Transportation On-Call Services Contract, Task: Hobcaw Point Subdivision Drainage Study and Design, Mount Pleasant, SC:** Natural resource scientist and environmental permitting manager responsible for delineating and evaluating all stormwater, stream, and wetland features for a 265-acre subdivision, including evaluations for Critical Area permitting and identifying the boundaries of wetland type for the South Carolina Department of Health and Environmental Control (DHEC) Critical Area regulations. Pete also led the protected species team that assessed the study area for protected species habitat and required species surveys.


16. Staff Experience:

Firm employed by RK&K			
Name	Beau Marshall		Years of relevant experience with this employer
Title	Project Delivery Leader		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	BS / 2001 / Environmental Economics & Management		
Active registration number / state / expiration date	N/A		
Year registered	2007	Discipline	Wetland Scientist
Contract role(s) / brief description of responsibilities		Additional Support - Environmental	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
 <p>Beau is a senior ecologist with extensive experience in natural resource evaluation and management. He leads the environmental phases of transportation projects, serving as a wetland scientist, wildlife biologist, and project manager. His responsibilities include USACE Section 404 and state permitting, government coordination, and managing ecological reports. Beau’s expertise spans wetlands, streams, endangered species, and fish habitats. He also manages teams, oversees budgets, and develops creative solutions for complex ecological challenges in infrastructure and development projects.</p>			
11/22 – Ongoing	Tennessee Department of Transportation I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN: Senior ecologist responsible for supporting erosion prevention and sediment control and hydraulic engineering teams in developing the SWPPP and led wetland and stream delineations for protected species. The project involves widening I-75 and I-24, ramp modifications, drainage improvements, new bridges, retaining/noise walls, paving, lighting, and signal modifications to enhance roadway capacity and infrastructure.		
05/21 – Ongoing	North Carolina Department of Transportation Comprehensive Environmental Analysis Unit Services, Task: B-4443 Bridge Replacement Project Support, Statewide, NC: Lead natural resource biologist responsible for supporting the B-4443 bridge replacement project. Beau conducts studies including wetland and stream delineations, vegetative community assessment and mapping, and protected species habitat assessment; develops the preliminary jurisdictional determination report; and authors the natural resource technical reports (NRTR).		
01/15 – 12/20	Georgia Department of Transportation On-Call Contract for Environmental Work for Districts 3, 4, 5, Various Locations, GA: Senior ecologist responsible for providing a variety of ecology services, including ecology resource survey reports, ecology assessment of effects reports, and 404 permitting applications. He coordinated and managed subconsultants responsible for conducting aquatics surveys and mussel relocation surveys.		
01/10 – 12/14	Georgia Department of Transportation Environmental Task Order Services Contract for District 1, Various Counties, GA: Senior ecologist responsible for supporting engineering design and the development of transportation facilities. Beau prepared and conducted ecology resources surveys and impacts analysis, protected species surveys, USACE 404 individual permit and GAEPD stream buffer variance. He also contributed to the production of several Categorical Exclusions, EA/FONSI and Reevaluations. Additional responsibilities include coordination with subconsultants for special studies, client coordination, and participation in the public involvement process.		


16. Staff Experience:

Firm employed by RK&K				
Name	Jason Burton, PE		Years of relevant experience with this employer	4
Title	Project Delivery Leader		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		BS / 2002 / Civil Engineering		
Active registration number / state / expiration date		N/A		
Year registered	2010	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Additional Support – Utility Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
 <p>Jason is a project manager and the lead of RK&K’s municipal water and wastewater projects in the Atlanta metro area. Jason is a devoted and accomplished civil engineer with nearly two decades of experience in the water/wastewater industry. Highly skilled in the design and layout of mechanical piping for water/wastewater facilities, pump station design, conveyance distribution and collection system design, and treatment plant hydraulics. Jason has led project teams through all phases of the planning, design, and delivery of complete bidding/construction packages for water and wastewater projects.</p>				
10/20 – Ongoing	Gwinnett County Eastern Regional Infrastructure Project, Gwinnett County, GA: Project manager and design lead responsible for establishing the design criteria of 6.6 miles of dual 24-inch nominal diameter force mains and 2.3 miles of 16-inch ductile iron water transmission main along a major county collector roadway with challenging topography and numerous utilities. Jason led the conceptual design, coordinated and performed a pipe material comparative analysis, and evaluated external and internal loading to determine pipe wall thickness. He developed the construction phasing to construct the new force mains and new watermain on the same roadway corridor while taking an existing asbestos cement water main out of service. Jason also assisted the prime consultant with the production of bridging documents for the selection of a design-build team to build a water and sewer infrastructure in support of 2,000 acre land development called Rowen Research Park.			
07/23 – 07/24	City of Chattanooga On-Call Green Infrastructure Design Plan Production (S-20-004-100), Task: Relocation of Sanitary Sewer Undercrossing along I-24, Chattanooga, TN: Project manager for the relocation and replacement of two sanitary sewer crossings under I-24, as part of the planned improvements along the I-24 corridor. The project was related to TDOT’s Phase 2 (IA) I-75 Interchange Modifications at I-24 project.			
10/21 – 10/22	Anne Arundel County Open End Agreement with Architects/Engineers for Professional Services, Task: Repairs to Brock Bridge 20-inch Water Main to Maryland City, Anne Arundel County, MD: Task manager overseeing emergency engineering services to replace approximately 2,200 LF of existing 20-inch ductile iron water transmission main with PVC. Jason conducted a corrosion control study; provided design services for the demolition and partial abandonment of an existing pressure control vault in a roadway intersection; designed a new two-zone pressure control valve vault; planned construction sequencing; performed hydraulic evaluations; and developed the maintenance of traffic plan.			


16. Staff Experience:

Firm employed by RK&K				
Name	Simone Metzger, PE		Years of relevant experience with this employer	1
Title	Project Manager		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization			MS / 2017 / Civil Engineering; BS / 2005 / Civil Engineering	
Active registration number / state / expiration date			PE #116603 / TN / 01.31.26; + other states (upon request)	
Year registered	2014	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Additional Support – Geotechnical	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
	Simone is a geotechnical engineer experienced in developing and directing subsurface exploration programs to characterize subsurface conditions and to provide recommendations and construction considerations for geotechnical challenges. Her skill set includes slope-stability analysis, retaining wall stability analysis and design, soil stabilization techniques, shallow and deep foundation analysis and design, geotechnical data management, shop drawing review, and field support including proof roll observations and foundation evaluations. Before joining RK&K, Simone managed and led project teams and integrated into teams of engineers for projects across healthcare, municipal, industrial, energy, and transportation business sectors.			
11/22 – Ongoing	Tennessee Department of Transportation I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN: Project engineer coordinating field exploration to gather additional subsurface data during demolition, working with drillers, utilities, traffic control, police, and contractors under nighttime lane closures. Simone recommends DMS sign structures, reviews shop drawings for soil nail and MSE walls, and assesses impacts of design changes on geotechnical recommendations. She also reevaluates global and external stability of walls, revises reports, and provides construction support, including field observation and review of test results using DeepEX software.			
11/23 - Ongoing	Tennessee Department of Transportation On-Call Geotechnical Engineering, Region 1, Task: I-75 Interchange at SR 131 (Exit 112, Emory Road), Knoxville, TN: Project engineer for the realignment of each of the ramps at the interchange into a diverging diamond configuration and improvements to the front access of the businesses located along Emory Road on the east side of I-75. Simone also coordinates with a subconsultant to perform drilling services for field exploration.			
10/23 - Ongoing	NC Turnpike Authority Wake Expressway Design-Build, Task: 1-40 to South of Rock Quarry Road, Raleigh, NC: Project engineer responsible for QC review of the Preliminary Bridge Geotechnical Report for SC 114 over Sandy Run Creek, including a bridge embankment settlement, global stability, and foundation recommendations for drilled shafts and H-piles. Simone also provided calculations for MSE wall recommendations for Bridge Site 6, retaining walls No. 1 and No. 2 for the bridge on SR 2700 (White Oak Road) over NC 540 between SR 5957 and SR 2555, which included global stability and external stability analysis.			
04/24 - Ongoing	Tennessee Department of Transportation SIA Access Road, Telford, TN: Project manager responsible for coordinating the geotechnical fieldwork, delivering the Soils and Geology Report and geotechnical plan sheets, and participating in the PDN process by actively supporting the project team.			

16. Staff Experience:


Firm employed by RK&K				
Name	Jeremiah Davis, PE, CPESC, PLSIT		Years of relevant experience with this employer	4
Title	Project Delivery Leader		Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		BS / 2004 / Civil Engineering		
Active registration number / state / expiration date		PE #113334 / TN / 06.30.26; + other states (upon request) Licensed Surveyor-in-Training #2826 / TN / no expiration Certified Professional in Erosion & Sediment Control #7748 / 03.04.25		
Year registered	2010	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Additional Support – Construction		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
 <p>Jeremiah brings a comprehensive understanding of the entire construction life cycle of transportation projects and extensive experience in effectively managing multiple concurrent projects of varying complexity. His responsibilities have encompassed overseeing engineers, survey parties, and inspection staff providing contract administration, inspection, and materials and testing for construction projects in urban and rural areas. He is proficient in reviewing and interpreting highway construction plans, contracts, specifications, and materials testing results. Jeremiah is skilled in conducting regular construction and utility conferences with project stakeholders, coordinating contract changes, evaluating contract claims, conducting cost estimating and negotiations, performing field plan reviews, and schedule review. His infrastructure projects range from on-call task assignment contracts to a \$191 million design-build project.</p>				
11/22 – Ongoing	Tennessee Department of Transportation I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN: Environmental compliance manager responsible for ensuring construction and design compliance with environmental permits and the Environmental Compliance Plan (ECP). Jeremiah coordinates with TDOT on permitting and compliance matters, serving as the primary point of contact. Jeremiah oversees the inspection, monitoring, and documentation of work activities to ensure they align with the ECP and all environmental commitments and permitting requirements throughout design and construction.			
05/24 – Ongoing	City of Knoxville Rock Pointe Construction Engineering and Inspection Services, Knoxville, TN: Contract/project manager responsible for overseeing contract, project, and quality assurance in delivering CEI services, and ensuring compliance. The project includes realigning and improving Pelham Road, replacing a section of Pelham Road, and adding sidewalks and drainage improvements. Extending 750 feet east from Rutledge Pike, the project enhances traffic safety, walkability, and reduces flooding impacts in the area.			
06/22 - Ongoing	City of Morristown Master Professional Services Agreement, Morristown, TN: Contract manager responsible for coordinating and supervising the inspection and design staff, communicating with Morristown operation staff, developing cost estimates for work orders, and ensuring services are performed to Morristown’s expectations.			

16. Staff Experience:

Firm employed by RK&K				
Name	Mark Jones, PE		Years of relevant experience with this employer	4
Title	Senior Project Delivery Leader		Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization			BS / 1990 / Civil Engineering	
Active registration number / state / expiration date			PE #81987 / TX / 12.31.24	
Year registered	1997	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Additional Support – Construction	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
	Mark is a Senior Project Delivery Leader at RK&K’s Austin, TX, office and a former District Engineer with the Texas Department of Transportation (TxDOT), San Angelo District. His professional work encompasses the management and design of various elements for roadway construction plans, including ROW mapping, utility relocation, hydrology, drainage and hydraulic studies, erosion control, roadway geometry, bridge layouts, traffic control, cantilever overhead signs, retaining walls, signing, striping, and delineation. He is experienced in planning and public involvement, schematic development, route studies, and preliminary engineering. Mark has expertise in construction procedures and oversight, including inspection, implementation of specifications and contract support, construction schedules, work progress, and problem resolution.			
05/24 – Ongoing	Texas Department of Transportation Traffic Engineering and ITS for Austin District, Statewide, TX: Contract manager responsible for overseeing and coordinating the delivery of traffic engineering, ITS design, and support to TxDOT's Austin District. Services may include traffic signal studies, signal warrant analyses, speed zone studies, origin and destination studies, parking supply and demand studies, travel time and delay studies, capacity analysis studies, traffic projections, travel time studies, traffic signal timing studies, traffic operations evaluations, traffic simulation, safety analysis, traffic signal design, signing and pavement markings design, illumination design, Intelligent Transportation System (ITS) planning studies, ITS design, ITS standard sheet and specifications development, surveying, minor roadway design, minor drainage design, and construction phase services.			
03/24 - Ongoing	Williamson County Ronald Reagan Boulevard, Segment D1, Task: Design, Williamson County, TX: Contract manager on this bond project to design temporary tie-ins to existing Ronald Reagan Boulevard. The new two-lane road is designed with 12’ lanes, shoulders, and turn lanes to serve as the southbound lanes of Ronald Reagan Boulevard and includes intersection improvements.			
12/23 - Ongoing	Texas Department of Transportation Houston District Environmental Support, Houston, TX: Contract manager overseeing the delivery of environmental documentation and other environmental services. Services include production of environmental documentation and technical services for transportation activities.			
05/23 - Ongoing	Texas Dept. of Transportation CEI for IH 30 Interchange Reconstruction, Greenville, TX: Contract manager providing support construction support services for the IH 30 bridge replacement project.			


16. Staff Experience:

Firm employed by			CIVIL DESIGN & CONSTRUCTION, INC. (CD&C)	
Name	Chris Ballard, PLS		Years of relevant experience with this employer	8
Title	Survey 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 / Louisiana – September 30, 2022	
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities.			Mr. Ballard serves as the survey manager for this project. He 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. He has an extensive background in providing topographic surveys for LADOTD 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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).			
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Mr. Ballard was the survey manager for a topographic survey for just over two miles of roadway. Both traditional means and methods and 3D scanning were used to collect topographic data for this roadway improvement project. The project was completed to LADOTD Location and Survey Standards and Practices.			
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Ballard was the survey manager for a topographic survey for this interstate and overpass improvement project in North Louisiana. Topographic data were collected by both traditional means and methods and adhered to LADOTD Location and Survey Standards and Practices and 3D scanning, and required coordination and survey of the Union Pacific Railroad line crossing I-20.			
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 was the survey manager for this project, 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. Three-dimensional scanning was used on the bridge at I-10 bridge @ LA 415 as well as scanning every 500’ for control verification and incorporating the mobile lidar for the I-10 pavement.			
02/19-09/19	Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA: Mr. Ballard served as survey manager for FEMA-funded projects in East Feliciana Parish Police Jury. Projects included replacing two bridges damaged from flooding and providing repairs to many rural roadways throughout the parish. All documentation were required in accordance with FEMA’s policies and procedures.			
04/17-07/17	H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA: Mr. Ballard was the survey manager for 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. This project required data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.			






16. Staff Experience:

Firm employed by		CIVIL DESIGN & CONSTRUCTION, INC. (CD&C)		
Name	Madison Mills, PLS	Years of relevant experience with this employer	3	
Title	Survey Project Manager	Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization		BS / 2016 / Civil Engineering		
Active registration number / state / expiration date		PLS 5293/LA/03/31/2025		
Year registered	11/15/2022	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities.		Mr. Mills joined CD&C in 2021 as a land surveying intern and has recently been licensed as a professional land surveyor. He serves as a survey technician and assistant project manager for CD&C, responsible for managing field crews, processing field crew data, and finalizing deliverables.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).			
12/23 – 05/24	H.012618 LA 347 Drainage Improvements: Mr. Mills was the survey project manager for a topographic survey for two miles of roadway. Topographic data for this roadway improvement project were collected by both traditional means and methods and 3D scanning. The project was completed to LADOTD Location and Survey Standards and Practices.			
09/23 – 12/23	H.015619.5 LA 106: Mr. Mills was the survey project manager for a topographic survey of over eight miles of roadway. Topographic data for this overlay and roadway rehabilitation project were collected by traditional means and methods. The project was completed to LADOTD Location and Survey Standards and Practices.			
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Mills was the survey project manager for a topographic survey of over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. The project was completed to LADOTD Location and Survey Standards and Practices.			
02/23 – 12/23	H.012027.5 I-20 UPPR: Mr. Mills was the survey project manager for a topographic survey for this interstate and overpass improvement project in North Louisiana. Topographic data was collected by traditional means and methods and 3D scanning and required coordination with and survey of the Union Pacific Railroad line crossing I-20. The project was completed to LADOTD Location and Survey Standards and Practices.			
08/22 – 02/23	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3: Mr. Mills was survey project manager for this Louisiana Watershed Initiative project, responsible for managing crews, processing field data, creating punchlists, and working with utilities to complete the final deliverables to the client. CD&C was a sub-consultant on this project.			
03/22 – 09/22	H.010960.5-2 Roundabouts at LA 182, Lafayette, LA: Mr. Mills served as a survey tech for the project. CD&C completed a topographic along this route. The survey utilized 3D terrestrial scanning of all hard surfaces and traditional methods for all other features. Though an official SUE submittal was not required for this project, CD&C SUE personnel worked to coordinate the collection of all the utility information and location if needed. Final submittal was prepared in accordance with latest LADOTD Location and Survey Standards.			

16. Staff Experience:

Firm employed by		CIVIL DESIGN & CONSTRUCTION, INC. (CD&C)		
Name	Clarence J. Goodspeed		Years of relevant experience with this employer	2
Title	SUE Manager		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		Discipline	Subsurface Utility Coordination	
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer			Mr. Goodspeed has 30 years of experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities operations. He has such a deep familiarity with the prints of multiple utility companies that it takes little time for him to understand how their systems are installed. This unique technical knowledge makes him a great asset to the SUE department.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
03/23 – Ongoing	MSY Campus Wide Sewer Location: Mr. Goodspeed serves as the SUE project manager overseeing the combined performance of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate its sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer force mains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.			
01/24 – 03/24	RN Nuccio Rd SUE: Mr. Goodspeed served as SUE manager for this bridge replacement project, providing SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.			
04/24 – 05/24	BRMA FAA Boring: Mr. Goodspeed served as SUE manager for this project to coordinate SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.			
02/24 – 05/24	BRMA Radar Decomp: Mr. Goodspeed served as SUE manager for this project to obtain SUE QL- B utility information and topographic survey for over 2 acres. CD&C’s SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.			
12/23 – 05/24	BRMA Taxiway F Reconstruction: Mr. Goodspeed served as SUE manager for this project to obtain SUE QL- B utility information and topographic survey for over 25 acres. CD&C’s SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.			
03/22 – 10/23	H.011833.5 St. Mary Street Sidewalks; Scott, LA: Mr. Goodspeed served as the firms SUE project manager overseeing and coordinating the collection of all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B; however, an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey Standards.			
03/22 – 09/22	H.010960.5-2 Roundabouts at LA 182, Lafayette, LA: Mr. Goodspeed served as SUE project manager overseeing and coordinating the collection of all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B; however, an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey Standards.			




16. Staff Experience:

Firm employed by CIVIL DESIGN & CONSTRUCTION, INC. (CD&C)				
Name	Tracey Smith		Years of relevant experience with this employer	2
Title	Utility Coordinator		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization			n/a	
Active registration number / state / expiration date			n/a	
Year registered		Discipline	Subsurface Utility Coordination	
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer			Mr. Smith has over 24 years of experience in underground utilities. Mr. Smith has worked in the gas field for 3 years and spent 19 years performing various underground utility locations and serving as a supervisor for a number of locate technicians.	
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).			
05/23 – 08/23	H.015056 - LA 685: Mr. Smith served as the SUE field chief for this topographic survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. The project was completed to LADOTD Location and Survey Standards and Practices.			
05/23 – 08/23	H.015058 - LA 14 Business: Mr. Smith served as the SUE field chief for this topographic survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. The project was completed to LADOTD Location and Survey Standards and Practices.			
03/22 – 09/22	H.010960.5-2 Roundabouts at LA 182, Lafayette, LA: Mr. Smith served as the SUE field chief working in the field to coordinate the collection of all the utility information and location such that survey crews could collect data and incorporate it into the submittal up to QLD Level B; however, an official SUE submittal was not required of this project. Final submittal was prepared in accordance with the latest LADOTD Location and Survey Standards.			
01/24 – 03/24	RN Nuccio Rd SUE: Mr. Smith served as the SUE field chief for this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation and all SUE reports and data.			
02/24 – 05/24	BRMA Radar Decomp: Mr. Smith served as the SUE field chief for this project to obtain SUE QL- B utility information and topographic survey for over 2 acres. CD&C’s SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.			
03/22 – 10/23	H.011833.5 St. Mary Street Sidewalks; Scott, LA: Mr. Smith served as the firms SUE field chief working in the field to coordinate the collection of all the utility information and location such that survey crews could collect data and incorporate in the submittal up to QLD Level B; however, an official SUE submittal was not required of this project. Final submittal was prepared in accordance with latest LADOTD Location and Survey Standards.			
05/23 – 06-23	Burbank at Pelican Lakes: Mr. Smith served as the SUE field chief on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QLD.			



17. Firm Experience:

Firm name			Past Performance Evaluation Discipline(s)*	Bridge; Environmental; Geotech; ITS; Planning; Right of Way; Road; Survey; Traffic	
Project name	ROADWAY DESIGN SERVICE IDIQ MASTER CONTRACT			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Mississippi Department of Transportation		
Project location	Statewide, MS			Owner's Project Manager	Chris Nail
Owner's address, phone, email	401 North West Street, Jackson, MS 39201 Tel: 601.359.7258 E: cnail@mdot.ms.gov				
Services commenced by this firm (mm/yy)		08/23	Total consultant contract cost (\$1,000's)		\$167
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$144

RK&K is providing roadway design services to MDOT as part of an ongoing task order contract related to the engineering and construction of roadway projects. The work under this contract, performed for MDOT's Roadway Design Division, covers a wide range of services including feasibility and planning studies, capacity and traffic analysis, environmental services/studies and reporting, erosion control plans, signing plans and details, traffic signal plans, ITS plans, lighting plans, structural evaluation and design, bridge hydraulic design, constructability reviews, value engineering, and program management. Representative projects include:

SR 2 Value Engineering Study, Tippah County: This project involved the construction of a new roadway (SR 2) from SR 15 to the SR 15 bypass. During the development of Phase B (construction plans), RK&K conducted a detailed value engineering study, addressing roadway, drainage, structures, environmental, traffic engineering, and constructability. Key recommendations included converting stormwater structures to culverts, reducing the number of turn lanes at the proposed interchange, and evaluating the use of lighter fill materials to minimize the required earthwork.

US 98 Pearl River Value Engineering Study, Marion County: RK&K conducted a value engineering study for the bridge replacement and associated revetment project for the new construction of US 98 over the Pearl River. The project involved two new structures, along with drainage and other miscellaneous components. RK&K provided a detailed review covering roadway, drainage, structures, stormwater/environment, traffic engineering, and constructability. Key recommendations included a change in the maintenance of traffic during construction by either building one new bridge and rehabilitating the old one or constructing a larger single bridge. Other suggestions included using different stones for revetment to reduce weight and evaluating lighter-weight concrete and box beams for the structure.

US 49 Yazoo County Value Engineering Study: RK&K provided a value engineering study for approximately 10 miles of pavement rehabilitation along US 49 in Yazoo County. The study covered key disciplines, including roadway, drainage, structures, environmental, traffic engineering, and constructability. Recommendations from the study included a change in the pavement design, modifications to the underdrain layout, and a superelevation evaluation to reduce surface drainage requirements.

Key Personnel: Stuart Samberg, Pete Stafford, Andy Moy, Jeremy Keene

17. Firm Experience:

Firm name	RK&K		Past Performance Evaluation Discipline(s)*	Environmental; Geotech; Planning; Right of Way; Road; Survey; Traffic	
Project name	IDIQ MASTER ON-CALL CONTRACT FOR TRAFFIC ENGINEERING SERVICES			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Mississippi Department of Transportation		
Project location	Statewide, MS			Owner's Project Manager	Mark Thomas
Owner's address, phone, email	401 North West Street, Jackson, MS 39201 Tel: 601.359.1450 E: mthomas@mdot.ms.gov				
Services commenced by this firm (mm/yy)	02/22	Total consultant contract cost (\$1,000's)			\$942
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$942

RK&K is providing the Mississippi Department of Transportation (MDOT) with traffic engineering services including traffic engineering studies, field surveys, field inspection plans, right-of-way plans (preliminary through final), conceptual plans, final right-of-way maps and deeds, constructability reviews, quality control plans, office review plans, final plans, design and review construction engineering services, and consultations with Mississippi DOT. To date, the following five tasks were assigned:

US 49 Siloam Road and MS 149 Intersection Improvements, Simpson County: RK&K provided the Phase A and B plans for the final construction plans, including the right-of-way plans, for the design of a directional median at US 49 at Siloam Road and a traffic signal at the US 49/149 intersection and associated safety improvements. This project included the development of a new location facility to shift 13th Street from creating the fourth leg of an intersection with US 49. At MS 149, an intersection realignment was designed to address the safety concerns of curvature near the US 49 intersection. Access management for the gas station at US 49 and MS 149 was also designed to limit the driveways in conflict with the functional intersection area.

US 49 at Siloam Road and MS 149, Simpson County: RK&K is providing Phase B roadway and traffic engineering final plans for intersection improvements on US 49 at Siloam Road and US 49 at SR 149 in Simpson County.


US 82 at Sturgis Maben Road, Oktibbeha County: RK&K provided the Phase A plans for the right-of-way plans, for the design of a J-Turn/Superstreet directional median at US 82 at Sturgis-Maben Road west of Starkville. This plan included the development of an advanced beacon for intersection warning. The superstreet intersection was designed with offset directional lefts to eliminate the Sturgis-Maben Road skew to US 82 to be closer to 90 degrees.

SR 76 at SR 23, Itawamba County: RK&K is providing the Phase A and B plans for the final construction plans, including the right-of-way plans, for the design of a directional intersection at SR 76 and SR 23 in the northeast corner of Mississippi. This intersection was opened in April 2023 and quickly experienced a high injury crash rate. The injury rate is influenced by left-turning vehicles. RK&K is designing improvements including acceleration lanes for right and u-turning vehicles, and deceleration lanes for left-turns from SR 76 with directional median crossings to limit conflicts and eliminate through movements for SR 23.

Updates to Traffic Control for Maintenance Operations (TCMO): RK&K is updating the text to address changes from the 11th Edition, Part 6, which includes numerous new typical applications and approaches to work zone traffic control design. RK&K is also developing new and updated figures to be included as typical applications in the report.

Key Personnel: Stuart Samberg, Shreyas Bharadwaj, Patrick Leap

17. Firm Experience:

Firm name			Past Performance Evaluation Discipline(s)*	Planning; Road; Survey; Traffic	
Project name	CAP01 DISTRICT 1 RESURFACING CONTINUING SERVICES CONTRACT			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Florida Department of Transportation		
Project location	District 1 (Charlotte, Collier, De Soto, Glades, Hardee, Hendry, Highlands, Lee, Manatee, Okeechobee, Polk, and Sarasota Counties), FL		Owner's Project Manager	Amy Blair, PE	
Owner's address, phone, email		801 N. Broadway Street, Bartow, FL 33831 Tel: 863.519.2362			
Services commenced by this firm (mm/yy)		08/23	Total consultant contract cost (\$1,000's)		\$843
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$538


As the prime consultant on this five-year, task-based contract to provide as-needed resurfacing design services, RK&K will prepare contract documents including plans, specifications, supporting engineering analysis, calculations, and other technical documents in accordance with Florida Department of Transportation policy, procedures, and requirements for highway design projects. Types of projects anticipated under this contract include resurfacing, turn-lane additions, lighting, access management, drainage improvements, signalization, safety improvements, and intersection improvements. Tasks assigned so far include:

SR 867 from Old McGregor Blvd. to N of Whiskey Creek, Lee County: RK&K is preparing smart plans for resurfacing and 3R improvements to SR 867 from Old McGregor Boulevard to north of Whiskey Creek. Scope includes land surveys, pavement design, engineering analysis and plans assembly, roadway design and analysis, signing and pavement markings, and signalization design and analysis.

SR 17 from N. Crooked Lake Drive to Jack Townsend Road, Polk County: RK&K prepared a design and smart plans for this Pavement Only Project (POP). Improvements included existing roadway mainline, shoulders, turn lanes, median openings, side streets and driveways, as well as rail coordination. Services encompassed pavement design, engineering analysis and plan assembly for roadway, signing and pavement marking.

Key Personnel: Jason Lyle, Joe Baan, Andy Moy

17. Firm Experience:

Firm name			Past Performance Evaluation Discipline(s)*	Bridge; Environmental; Geotech; ITS; Planning; Right of Way; Road; Survey; Traffic	
Project name	I-75 INTERCHANGE AT I-24 PHASE 2 DESIGN-BUILD			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Tennessee Department of Transportation		
Project location	Hamilton County, TN			Owner's Project Manager	Jeff Blevins
Owner's address, phone, email	James K. Polk Building, 505 Deaderick Street, Suite 700, Nashville, TN 37243 Tel: 423.510.1218 E: jeff.blevins@tn.gov				
Services commenced by this firm (mm/yy)		11/22	Total consultant contract cost (\$1,000's)		\$7,644
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$6,796

As the lead designer, RK&K is providing construction plans, specifications, and reports; multi-discipline design services; design management and quality control; design field investigations; permitting; geotechnical analysis and testing; field engineering evaluations and analysis; right of way services; as-built engineering; quality control construction inspections; and review and response to submittals and requests for information.

This project modifies the I-75 interchange at I-24, widens the I-24 and I-75 roadway in each direction, and replaces bridges at I-24 at McBrien Road, I-24 at S. Moore Road, and I-75 over the CSX Railroad. RK&K developed a pavement design consisting of rubblizing the existing concrete pavement, saving time, and providing a sustainable approach to the work.

Since the project is located within a highly developed urban corridor, tying to existing drainage features and performing outfall analyses was essential to ensure adequate conveyance downstream. This was considered in the design of the proposed upstream systems to allow for proper roadway cover over all pipes and box depths. Temporary drainage was planned during the proposal stage and designed for traffic control phases, preventing unwanted spread in the travel lanes or ponding during intermediate construction times. Two RCBCs were modeled, and FEMA coordination conducted. Jurisdictional impacts to streams and wetlands were assessed to obtain the 401 and 404 environmental permits.

Other design features include developing an early start package (ESP) for construction to facilitate the overall traffic management plan for the project. This includes demolishing and constructing the center pier of the S. Moore Road and McBrien Road Bridges over I-24 and implementing a unique traffic control scheme using a Texas U-turn; utilizing a free flow lane along North and South Terrace, Belvoir Avenue, and Spring Creek Road, eliminating all right-of-way through design and allowing both bridges to be constructed simultaneously. Additionally, the design includes the development of combination noisewall/retaining wall structures.

RK&K is developing the geotechnical design for the foundations of the proposed retaining walls, bridges, noise walls, and roadway subgrade. Geotechnical deliverables include bridge foundation reports and plan sheets, soils and geology reports and plan sheets, and retaining wall foundation reports and plan sheets. RK&K will also install a slope inclinometer at a location along I-24 with a susceptible landslide issue, thereby monitoring any movement of the slide and collecting information to aid in designing slide stabilization measures.

Key Personnel: Stuart Samberg, Shreyas Bharadwaj, Michael Cooper, Jeremiah Davis, Jeremy Keene, Patrick Leap, Beau Marshall, Frances Menke, Simone Metzger, Andy Moy, Pete Stafford

17. Firm Experience:

Firm name	RK&K		Past Performance Evaluation Discipline(s)*	Environmental; Geotech; Planning; Right of Way; Road; Survey; Traffic	
Project name	ON-CALL ROADWAY DESIGN, INTERSECTION IMPROVEMENTS, AND INTERSTATE RECONSTRUCTION ENGINEERING SERVICES			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	South Carolina Department of Transportation		
Project location	Statewide, SC		Owner's Project Manager	Brian Dix	
Owner's address, phone, email		955 Park Street, Columbia, SC 29202 Tel: 803.737.1085 E: dixbd@scdot.org			
Services commenced by this firm (mm/yy)		02/22	Total consultant contract cost (\$1,000's)		\$1,190
Services completed by this firm (mm/yy)		05/24	Cost of consultant services provided by this firm (\$1,000's)		\$628

RK&K is providing engineering services for roadway design, intersection improvements, and interstate reconstruction projects for South Carolina Department of Transportation (SCDOT). The team has delivered three design tasks, each encompassing traffic studies/design; conceptual, preliminary, right-of-way, and final road construction plans/specifications; utility coordination; construction cost estimates; and construction phase services. The team has also supported extensive public involvement and public agency coordination. The three tasks are:


Intersection Improvement at S-179 (McIver Road) and S-252 (Old Florence Road), Darlington County: To improve truck turning movements and intersection functionality and to increase safety related to the close proximity to the railroad line, RK&K designed the realignment of Old Florence Road with McIver Road through the use of a roundabout. Essential to the success of the project was the team's diligent coordination with SCDOT representatives and key stakeholders, Norfolk Southern Railroad, Pee Dee Regional Council of Governments, and District Utility, amongst the.

Intersection Improvements at US 15/401 at SC 385 (W. Main Street) and Adjacent Intersections, Marlboro County: RK&K improved the intersection of W. Main Street and US 15/401 Bypass to address a substandard skew angle and closely spaced intersections that contributed to driver confusion and limited sight distance. The project included realigning W. Main Street and modifying nearby roads (Brushy Bay Road, Dogwood Lane, and Sunset Drive) to enhance safety and intersection operations. RK&K worked with SCDOT and presented the design to the public during an open forum to determine the preferred alternative. The project aims to improve safety and the level of service at the intersections.

S-40-64 (Arcadia Lakes Drive) over Cooper Pond Roadway Repairs, Richland County: S-64 (Arcadia Lakes Drive) crosses the crest of the Arcadia Woods Lake Dam of Coopers Pond and has been closed since the dam failed in 2015. For Phase I of this two-phase contract, RK&K prepared a feasibility study, summarizing existing conditions and making recommendations for dam replacement and roadway repair. Recommendations included a new earthen dam with clay core and a spillway design with two outlet devices. Roadway recommendations matched the existing roadway criteria to minimize right-of-way, utility, and environmental impacts. SCDOT is currently reviewing RK&K's recommendations.

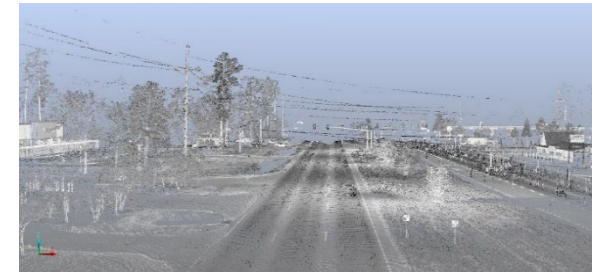
Key Personnel: Stuart Samberg, Chris Jordan, Shreyas Bharadwaj, Randall Mungo

17. Firm Experience:

Firm name		Civil Design and Construction, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	US 190 SUPERSTREET			Firm responsibility (prime or sub?) Sub
Project number	H.005733.5	Owner's name	LADOTD	
Project location	St. Tammany Parish, LA		Owner's Project Manager	Josh Harrouch
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802/2225-379-123/Joshua.harrouch@la.gov			
Services commenced by this firm (mm/yy)	01/16	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	08/16	Cost of consultant services provided by this firm (\$1,000's)		\$207


This project was the topographic survey of US 190 in Covington. The survey limits were along a portion of the existing routes of US 190, Holiday Square Frontage Road, US 190 Service Road, Holiday Blvd., Holycrest Plaza Driveway, Louis Prima Drive, Park Place Drive, Lake Drive, Crestwood Blvd., 9th Avenue, Three Rivers Road, River Highlands Blvd., Harrison Ave., Maple Ridge Ave., North 12th Street, Sunshine Ave., North 6th Street, Riverside Drive, and North 2nd Street and is approximately 2.9 miles in length.

CD&C's role was to provide the complete topographic survey and drainage map for this project including all utility coordination. The survey begins 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. The width of the survey and DTM extended to the Western Edge of Pavement to Eastern Edge of Pavement along US 190 and tied in with the existing topographic features picked up on the previous survey done under H.011137.5 and H.011152.5 (Interstate 12 Survey). This also included cross sectioning a portion of the Abita River in the project area. All topographic survey elements were performed in accordance with the latest LADOTD Location and Survey Manual and conformed to the latest standard practices/procedures. All deliverables were in LADOTD required formats. **3D Terrestrial Scanning** was used in conjunction with traditional means and methods to complete this project.



Members Involved: Christopher Ballard, PLS Survey Project Manager

17. Firm Experience:

Firm name		Civil Design and Construction, Inc.	Past Performance Evaluation Discipline(s)*	Survey	
Project name	ST. MARY STREET SIDEWALKS			Firm responsibility (prime or sub?)	Sub
Project number	H.011833.5	Owner's name	LADOTD		
Project location	Scott, LA		Owner's Project Manager	Ryan Richard	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802 225-379-1232			
Services commenced by this firm (mm/yy)		08/21	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)		08/23	Cost of consultant services provided by this firm (\$1,000's)		\$65


This project in Scott, LA, is to improve pedestrian movement and add sidewalks along the corridor. The survey limits began approximately 200' before the centerline intersection of St. Mary Street and Park West Drive, then continued south to the intersection of St. Mary Street and Cameron Street (LA 93) for estimated total distance of one (1) mile. The survey width included ten (10) feet outside of the apparent right of way. All side streets were surveyed a distance of sixty (60) feet from the intersection of the centerline with St. Mary Street Centerline.

CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. **CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B** however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey Standards.

Members Involved: Christopher Ballard, PLS Survey PM; CJ Goodspeed, SUE PM; Tracey Smith, SUE Field Coordinator; Madison Mills, PLS, Survey Tech



17. Firm Experience:

Firm name		Civil Design and 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	LADOTD		
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)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$435

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.

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 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. To complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail.

Members Involved: Christopher Ballard, PLS Survey PM



18. Approach and Methodology:

PROJECT UNDERSTANDING

RK&K understands Department of Transportation and Development's (DOTD) goal for this IDIQ for Roadway Design Services is to select a team to work as an extension of DOTD's District 03 and 07 engineering staff on the design and preparation of Preliminary and Final Roadway Plans, as well as provide pre-bid and construction support. This contract may also extend to other districts statewide as needed. We also understand task orders will vary in scope, duration, and complexity, potentially including roadway corridor and intersection improvements, along with drainage, sewer, and structural enhancements.

RK&K is excited to bring our extensive experience with statewide and districtwide design contracts, along with a deep understanding of DOTD's requirements, policies, and specifications. Our staff is highly experienced in all types of roadway projects. We recognize the compressed schedules of task orders under this IDIQ and will ensure their completion before contract expiration. With relevant experience in areas similar to Districts 03 and 07 from IDIQ contracts with Mississippi, Texas, and Florida, RK&K can bring the same high-level service to address DOTD's operational, safety, and maintenance needs. We are excited to do this while we also build strong partnerships with Districts 03 and 07.

PROJECT APPROACH

This proposal outlines a flexible, all-inclusive approach for completing tasks under the IDIQ Contract, adaptable to varying project complexities. While designed for complex tasks, it can be scaled down for simpler projects by removing select submittal stages. Our experience with this approach on past projects ensures an expedited project schedule and efficient use of DOTD reviewers' time.

Pre-Design Site Visit & Study of Existing Data: At the start of a new project, RK&K will conduct an initial site visit to assess existing conditions, obtain utility data, and identify potential constraints not visible through aerial imagery. Elements like posted speed and sight distance obstacles will be documented. If existing sewer discharge pipes connect to the open ditches within the project, this site visit would determine the location and number of tail lines, whether they are permitted and how to address under proposed conditions. RK&K recently confronted similar challenges on the US 49 project in Siloam, Mississippi. Detailed coordination was required with MDOT to determine the

best way to mitigate this challenge and address it in a way that led to the successful delivery of the project within budget.

Project Kickoff Meeting: RK&K will attend the kick-off meeting where the project background, communication protocols, project schedule and submittal stages will be discussed. This meeting provides an opportunity to confirm the expectations of all attendees and obtain/request existing information which may not have been previously provided to the consultant. When properly conducted, this meeting can prevent issues as the project advances.

Prior to the Kickoff meeting RK&K will draft a schedule for the project manager to review and approve. Once approved, the schedule and a list of anticipated deliverable items based on submittal stages will be presented to attendees at the kick-off meeting.

Survey Services: The RK&K Team will obtain the numbered field survey books from DOTD. Prior to proceeding further with the survey, we will submit a survey line sketch for review and approval.

Our subconsultant, CD&C, will complete the surveying services, including existing drainage mapping and right-of-way mapping. The topographic survey will adhere to current survey theory, practice, and procedures in the latest version of the DOTD Location and Survey Manual, and all accepted horizontal and vertical control standards based on the Louisiana State Plane Coordinate System. The same survey control will be applied to the property survey and topographic survey using the DOTD feature table code list and symbols from the latest edition of the DOTD Location and Survey Section and Automation survey feature code guidebook. In conjunction with traditional means and methods to capture topography, 3D Terrestrial Scanning may be utilized as applicable. Deliverables to Location and Survey include electronic text file listing coordinates and descriptions of all found monuments; a PDF copy of all plats, maps and other documents used to determine property line locations; and a copy of the title take-offs or title research reports. Our base R/W Maps will follow the latest version of the DOTD Location and Survey Manual.

Existing Data Review: While survey is under way, RK&K will review the existing data (if available) such as as-built plans, existing studies, boring data, shop drawings and structure maintenance records, existing geometry, traffic data, utility data and any other available data to transition the design to the preliminary design phase. We will obtain LiDAR data and determine the

apparent ROW limits. This information will advance the project while the topographic survey and right-of-way data is being obtained.

Preliminary Design: Once the topographic survey is collected and processed, RK&K and CD&C will attend a Pre-design conference at DOTD District 03 or 07 offices to determine the design criteria. Using the topo survey information, the team will complete the Pre-Design Planning Conference Form prior to meeting, with a view to finishing the remaining portions of the form during the conference to set the design criteria for the project.

Our traffic control and signal design will follow DOTD's Intersection Control Evaluation (ICE) requirements to determine whether a full access intersection is the optimal solution and to ensure signal warrants meet the requirements outlined in the 11th Edition of the Manual on Uniform Traffic Control Devices (MUTCD). If a full access signalized intersection is required, the traffic signal will be designed in accordance with DOTD's Traffic Signal Manual, standard specifications and standard details. The traffic signal plans will be developed using DOTD's Traffic Signal Inventory Construction Plan form.

Our roadway engineering design will conform to the latest requirements of the DOTD Roadway Design Procedures and Details, the DOTD Engineering Directives and Standards (EDSMs), the American Association of State Highway and Transportation Officials (AASHTO) Policy on Geometric Design of Highways and Streets, and AASHTO Roadside Design Guidelines. We will create plans using OpenRoads and adhering to DOTD CAD standards. Construction cost estimates will follow DOTD standard bid items and utilize DOTD's Bid history estimate tool, factoring in the project location and magnitude of items.

RK&K's standard approach to bridge design is to follow jurisdictional guidelines, regulations, and standards to ensure compliance with local, state, and federal requirements, including the AASHTO LRFD Bridge Design Specifications, DOTD Bridge Design and Evaluation Manual, DOTD Bridge Design Technical Memoranda and other pertinent design guidance. During the design process, it is essential for the design team to review potential challenges and collaborate to determine solutions. For example, when there is superelevation near bridge ends, the RK&K Team will facilitate communication early and often between the roadway and bridge design teams to resolve any discrepancies and competing demands of roadway geometry and superelevation to bridge geometrics and constraints, especially in superelevation transitions or runouts. The result of these discussions, the design criteria and early geometric layout will require a Type, Size and Location (TS&L) submittal of the bridge structure, characterized in report format to include feasible structure alternatives and a recommended

TS&L. Prior to the completion of preliminary bridge plans, geotechnical engineers coordinated by the bridge design team will take borings and have logs completed, submitted, and approved. RK&K's design engineer, upon completion of the bridge design, will prepare a rating report to include, but not limited to, a summary of rating section, plan and profile of bridge, and all rating calculations.

In developing the drainage design, the RK&K Team will utilize appropriate software – likely the drainage module within OpenRoads – for open channel flow, inlet spacing, analysis of culverts and storm sewer system design and will conform to the DOTD Hydraulics Manual. If a major crossing is within the project limits, we will calculate bridge backwater and water surface profiles, as well as the scour depth in conformance with the DOTD Hydraulics Manual and appropriate federal guidance. We will pull FEMA flood maps to determine if the project is within the 100-year floodplain or floodway and if required we can complete a no-rise analysis, as we have for over 200 crossings in North Carolina over the last decade.

Should a public meeting be required, RK&K will support DOTD by providing all public meeting exhibits for the design, create a PowerPoint presentation, handouts, comment forms, secure the venue, and conduct the meeting. RK&K has conducted nearly 100 public meetings within the last two years firmwide. Our process ensures coordinating select DOTD staff members, such as the DOTD PM, DOTD real estate (if there are takings), and DOTD environmental, to attend, while taking the lead to create the advertisement, publish it in the local paper, and provide draft versions of all meeting materials for DOTD review. Typically, we recommend public meetings occur during the 30% preliminary phase prior to drainage design (if applicable). This allows the public to see DOTD approved geometry and prevents rework for the drainage design if a NEPA alternative is realized from public input. Our staff has conducted numerous public meetings for DOTD while utilizing exhibits we created. We understand that the presentation for public meeting exhibits greatly differ from the presentation of design plans. Our exhibits are aesthetically pleasing while conveying the design elements in a way that the public can easily follow. This is key to obtaining meaningful public input and obtaining community support.

While DOTD obtains the environmental clearances and obtain any required permits, RK&K will provide all required supporting documents (including but not limited to) permit drawings, such as 404 permits in letter-size format which are produced separately from design plans due to the difference in scale.

30% Preliminary Plans (if required): We understand that the required deliverables vary based on project complexity. We will provide 30% Preliminary

Plans, if required; however, if DOTD project managers agree, for the less complex projects, we can expedite the schedule by developing 60% preliminary plans for the initial submittal. This will enable an efficient use of DOTD review staff time/effort.

The **30% submittal** will consist of the Title Sheet, Proposed Typical Section, and Plan Profile Sheets. Subgrade Soil survey information will need to be requested at this point. The plans will undergo a geometric review. Not only will a good design accomplish the scope of the project, but it will also minimize impacts to utility relocation, the environment and the right of way acquisition.

The **60% submittal** will consist of updated Typical Section and Plan Profile sheets, Drainage Plan Profile sheets along with hydraulic calculations. A design drainage map will be developed and included at this time. The plans will also include geometric details, cross sections, and summary tables. The plans will undergo a hydraulics review.

The **95% submittal** will add suggested sequence of construction sheets and suggested temporary erosion control sheets to the plans. As it is the first major plan submittal, it will include a construction cost estimate with quantities for big

30%	<ul style="list-style-type: none"> Title Sheet, Preliminary Typical Section with Traffic Data Plan and profiles with existing topography Utility and Railroad (if applicable) Review
60%	<ul style="list-style-type: none"> Horizontal and Vertical alignments Geometric Details, Cross Sections and Preliminary Takings denoted Cost Analysis for structure design with report and structure design process Hydraulic Analysis and Preliminary Hydraulics Report Preliminary Design Report
95%	<ul style="list-style-type: none"> Geometric and Hydraulic comments addressed Preliminary Sequence of Construction Preliminary Right-of-Way and 60% base Right-of-Way maps for joint plan review Summary of estimated quantities with pay items only
100%	<ul style="list-style-type: none"> Plan-In-Hand comments addressed Final Right-of-Way line Permit sketches Preliminary cost estimate Final Design Report

ticket items. At least three weeks following the submittal, a Plan-in-Hand meeting and site visit will be scheduled and will be attended by the RK&K Team, along with representatives from both LADOTD and Districts 03 and/or 07. Any design waivers or design exceptions needed for the project will be submitted at this time. A review of the items, typically 20% of the items, that make up 80% of the project cost will be reviewed for value engineering considerations and presented to the Project Manager.

The **100% Preliminary Plan** submittal with its Plan-in-Hand comments addressed will consist of the Final ROW taking lines to initiate the ROW Map development, if necessary. A Joint Plan Review Meeting will be held at this time to discuss the Base ROW Maps and any utility relocations/impacts.

Final Design: The Final Design process is expected to be comprised of a 60%, 95%, 98%, and 100% submittal. All Final Plan submissions will consist of the full plan set and construction cost estimates.

The **60% Final Plans** will undergo a final geometric and drainage review.

The **95% Final Plans** are the second major plan submittal of the design process. A completed Constructability Biddability Review form will be submitted at this time. Also included is an updated Cost Estimate, Design Report Form, Storm Water Pollution Prevention Plan (SWPPP form), utility conflicts list, completed

60%	<ul style="list-style-type: none"> Final Typical Section Final Hydraulic Design Progress on summary sheets, graphical grades, final geometry Reviewing Right-of-Way maps Revise Design Report (if necessary)
95%	<ul style="list-style-type: none"> Assemble entire plan set and revise preliminary cost estimate Final QA/QC check and constructability form Progress on special provisions; submit to Plan Quantity Unit for review Advance check prints distribution, review and meeting
98%	<ul style="list-style-type: none"> Advance check prints comments addressed Final cost estimate Plan submitted to Contracts & Specs Special Provisions
100%	<ul style="list-style-type: none"> Final Plans, Specifications & Estimate All Final Documentation uploaded to ProjectWise

Contract Time Worksheet and responses to all comments received on previous plan submissions.

The **98% Final Plans** will go to the DOTD Contracts & Specifications section for review. The Construction Proposal will be developed at this time. Included with this plan submittal is the updated cost estimate, any needed Design Waiver request form (signed and sealed), any special provision write-ups, and the Final QA/QC Form. Also, the plans will be sent to the DOTD Plan Quality Unit for a QA/QC Check. The Engineer's Construction Cost Estimate will be finalized at this point.

The **100% Final Plans** submittal will consist of furnishing the Full-Size Plan Set. The Plans will be signed, sealed, and dated by the Engineer of Record.

Construction Support: We understand that the construction services will be provided by others, but our engineering support during construction will provide critical services to help ensure the successful completion of the construction phase. We will review the bids for irregularities and conformance with DOTD's acceptable overrun and underrun from the estimated construction cost. We will review shop drawings, respond to RFI's within 48 hours, and assist with information meetings with a 24-hour notice. We will provide design corrections to minor design changes within 7 calendar days.

QUALITY PROGRAM

RK&K's Quality Assurance/Quality Control (QA/QC) process ensures our deliverables go through multiple rounds of informal peer review before being submitted for the formal QA/QC review. We will proudly include our QC records with each submittal, documenting our high standard of care. RK&K will follow a rigorous five-step process, outlined in our company-wide QA/QC manual, to deliver the highest-quality studies, designs, and contract documents.

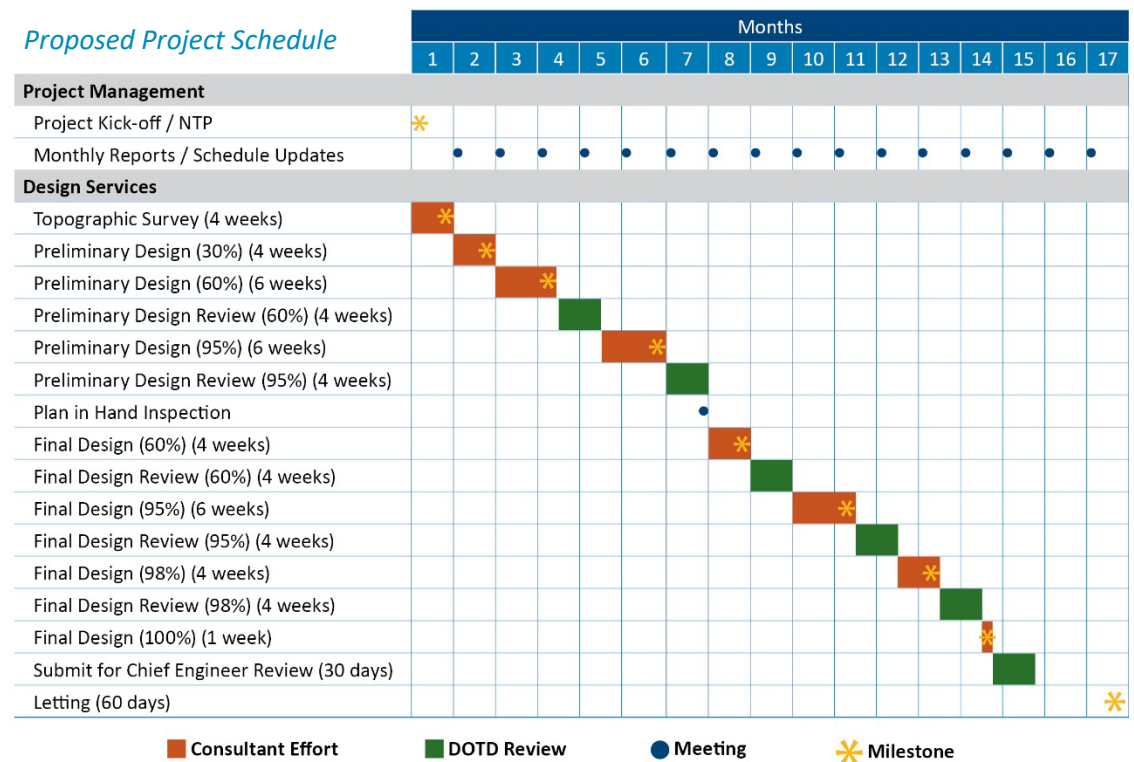
In addition, a project-specific QA/QC program will support the efforts of the team members assigned to this contract. Serving as a sub-consultant under this contract, CD&C, will be subject to the same quality procedures. QC begins with the initial designer but will ultimately be the responsibility of the technical leader for each discipline, with an assigned individual from RK&K performing detailed, interdisciplinary reviews for each project. Mike Merritt, PE, Executive Director in RK&K's Transportation Group, as the proposed technical advisor responsible for QA/QC, will provide the necessary

QA for each effort on this project. He will be responsible for conducting QA reviews and signing off on deliverables to verify adherence to QC procedures. He will also contact DOTD periodically to inquire about our performance.



DEMONSTRATED ABILITY TO MEET SCHEDULES

RK&K's reputation has been built on a foundation of successful, long-term relationships with repeat clients. This foundation of repeat business is founded on our ability to share our clients' goals, and often enhance those visions by providing innovative, yet practical, solutions that meet any rigorous demands of budgets and schedules. The confirmation of our ability to perform highly professional work on the agreed-upon schedule and efficiently within budget is best validated through the clients we have worked for in the past, and in many cases, are working for today. We are excited to begin forming these relationships within DOTD and look forward to building the foundation for mutual long-term success.

Proposed Project Schedule



19. Workload:

Firm(s) <u>ALL FIRMS</u> MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
 Rummel, Klepper & Kahl, LLP	N/A	N/A	N/A	N/A
 Civil Design & Construction, Inc.	Survey	4400005673/H.011235.5	I-49 South @ Verot School Rd	60,809



Louisiana Professional Engineering and Land Surveying Board

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

Name:	Public Address:
Rummel, Klepper & Kahl, LLP	700 East Pratt Street, Suite 500 Baltimore, Maryland 21202-4919

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0006004	Active	06/16/2016	09/30/2026	Mr. William Patrick Snyder # PE.0040456

Print

Close

9643 Brookline Avenue | Suite 121 | Baton Rouge, LA 70809-1433
225-925-6291 | Fax 225-925-6227

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
RUMMEL, KLEPPER & KAHL, LLP	Registered Limited Liability Partnership	BATON ROUGE	Active

Previous Names

Business: RUMMEL, KLEPPER & KAHL, LLP
Charter Number: 43094602Y
Registration Date: 6/29/2018

Domicile Address

CT CORPORATION SYSTEM
3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Mailing Address

CT CORPORATION SYSTEM
3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Status

Status: Active
Registered: 6/29/2018
Last Report Filed: N/A
Type: Registered Limited Liability Partnership

Officer(s)

Additional Officers: No

Officer:	MELINDA B. PETERS, PE
Title:	Partner
Address 1:	700 EAST PRATT STREET
Address 2:	SUITE 500
City, State, Zip:	BALTIMORE, MD 21202
Officer:	MIRIAM F. KRONISCH, PE
Title:	Partner
Address 1:	12600 FAIR LAKES CIR.
Address 2:	SUITE 300
City, State, Zip:	FAIRFAX, VA 22033
Officer:	NATHAN C. ATKINSON, PE
Title:	Partner
Address 1:	700 EAST PRATT STREET
Address 2:	SUITE 500

City, State, Zip: BALTIMORE, MD 21202	
Officer:	B. KELTH SKINNER, PE
Title:	Partner
Address 1:	8601 SIX FORKS RD.
Address 2:	FORUM 1, SUITE 700
City, State, Zip: RALEIGH, NC 27615	
Officer:	PETER PATRONE
Title:	Partner
Address 1:	700 EAST PRAIRIE STREET
Address 2:	SUITE 500
City, State, Zip: BALTIMORE, MD 21202	

Amendments on File (6)

Description	Date
Renewal	6/24/2019
Renewal	6/22/2020
Renewal	7/7/2021
Renewal	5/23/2022
Renewal	6/22/2023
Renewal	6/18/2024

Print

Congratulations! *Shreyas Bharadwaj*

You have completed

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

Date: February 1-2, 2023
Location: Baton Rouge, Louisiana

*Professional Development
Hours (PDHs) Awarded:* 8.50



Authorized Instructor



Authorized instructor





March 9, 2023

Dear Ms. Menke:

The Certification Board of the American Traffic Safety Services Association (ATSSA) has approved your application for certification as a Traffic Control Design Specialist. Enclosed in this packet please find your wallet card and certificate.

This certification shall remain in effect until 7/21/2026. If during this time your employment status, name or address changes, please let us know so we may keep your record current.

You are to be commended for maintaining your knowledge of traffic control issues and fulfilling the requirements for certification. It is not an easy achievement and your accomplishment indicates a dedication to improving the traffic control services you perform. Please call us at 877-642-4637 if we can assist you with any future training needs.

Sincerely,

Training and Business
Development Department



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

20. Certifications/Licenses:



State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active

Previous Names

Business: CIVIL DESIGN & CONSTRUCTION, INC.
Charter Number: 35961196D
Registration Date: 6/15/2005
Domicile Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Mailing Address

P O BOX 857
PORT ALLEN, LA 70767

Principal Office Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Status

Status: Active
Annual Report Status: In Good Standing
File Date: 6/15/2005
Last Report Filed: 5/17/2024
Type: Business Corporation

Registered Agent(s)

Agent:	KARLA E. WESTON
Address 1:	7951 FALSE RIVER ROAD
City, State, Zip:	NEW ROADS, LA 70760
Appointment Date:	6/15/2005

Officer(s)

Additional Officers: No

Officer:	KARLA E. WESTON
Title:	President
Address 1:	7951 FALSE RIVER ROAD
City, State, Zip:	OSCAR, LA 70762

Mergers (1)

Filed Date	Effective Date:	Type	Charter#	Chater Name	Role
10/6/2006	10/6/2006	MERGE	35961196D	CIVIL DESIGN & CONSTRUCTION, INC.	SURVIVOR
			34220123D	PAE, INC.	NON-SURVIVOR

Amendments on File (3)

Description	Date
Disclosure of Ownership	9/7/2006
Domicile, Agent Change or Resign of Agent	9/11/2006
Merger	10/6/2006


[Print](#)



21. QA/QC Plan:

N/A

22. Sub-consultant information:

Firm Name	Address	Point of Contact and email address	Phone Number
 Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE kweston@cdcbr.com	225.765.1803

23. Location:

N/A