



LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

IDIQ Contract for Roadway Design Services - Statewide | Contract No. 4400031039

Submitted by:

RK&K

Rummel, Klepper & Kahl, LLP

February 2025

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised December 12, 2024)

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
2. Contract Number(s) as shown in the advertisement	Contract No. 4400031039
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	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	9050 N Capital of Texas Highway Suite 200 Austin, TX 78759
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	N/A
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Stuart Samberg, PE, PTP, PTOE, RSP, DBIA Director 919.369.0924 // ssamberg@rkk.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Nate 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 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.

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.



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

February 25, 2025

Date:

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

Firm(s):

Civil Design & Construction, Inc. (CD&C)

Firm(s)' %:

10%

12. Discipline Table:

Discipline(s)	% of Overall Contract	RK&K	CD&C				Each Discipline must total to 100%
Road	40%	100%	0%				100%
Traffic	25%	100%	0%				100%
Bridge	10%	100%	0%				100%
CE&I/OV	3%	100%	0%				100%
Environmental	5%	100%	0%				100%
ITS	5%	100%	0%				100%
Other (Special provisions writeups, quality plan reviews, technical research and guidance, value engineering)	2%	100%	0%				100%
Survey	10%	0%	100%				100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	90%	10%				

13. Firm Size:

The DOTD Job Classification(s) to be used can be found at the following link:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Rummel, Klepper & Kahl, LLP	Engineer – Other	12	479
Rummel, Klepper & Kahl, LLP	Environmental Manager	1	23
Rummel, Klepper & Kahl, LLP	Environmental Pro	1	30
Rummel, Klepper & Kahl, LLP	Principal	1	5
Rummel, Klepper & Kahl, LLP	Supervisor - Eng	3	4
Rummel, Klepper & Kahl, LLP	Supervisor - Other	11	300
Civil Design & Construction, Inc.	Principal	1	1
Civil Design & Construction, Inc.	Surveyor	1	2
Civil Design & Construction, Inc.	Party Chief	13	5
Civil Design & Construction, Inc.	Instrument Man	2	3
Civil Design & Construction, Inc.	Rodman	2	2
Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	3	6
Civil Design & Construction, Inc.	Supervisor – Other	1	1

(Add rows as needed)

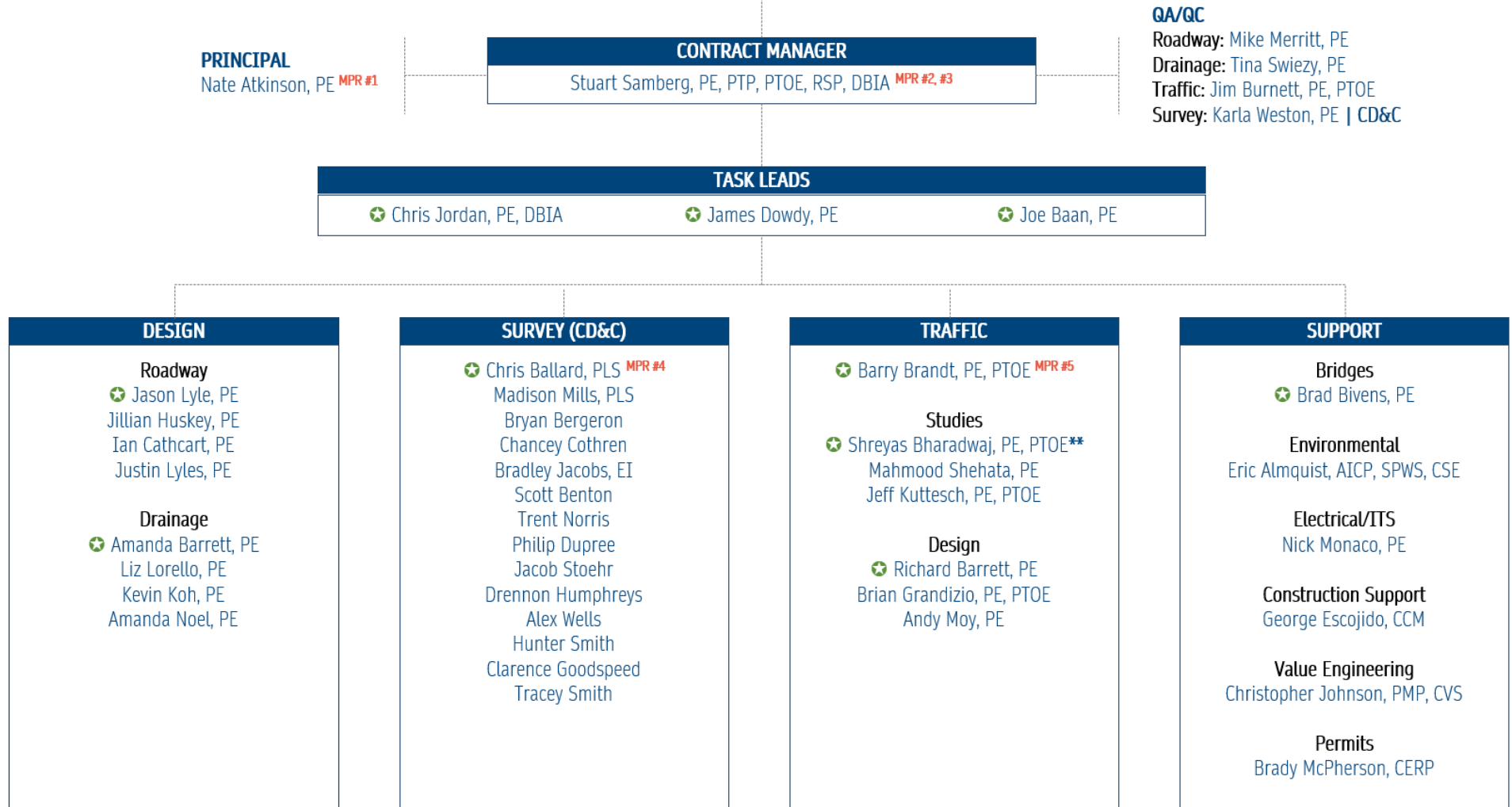
14. Organizational Chart:

LEGEND

★ Key Staff

MPR Minimum Personnel Requirement

** Traffic Analysis – *training certificates included*




15. Minimum Personnel Requirements:


Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g., professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Nate Atkinson, PE	RK&K	PE #0046613 - Civil	LA	9/30/2026
2	Stuart Samberg, PE, PTP, PTOE, RSP, DBIA	RK&K	PE #0043906 - Civil	LA	3/31/2026
3	Stuart Samberg, PE, PTP, PTOE, RSP, DBIA	RK&K	PE #0043906 - Civil	LA	3/31/2026
4	Chris Ballard, PLS	CD&C	PLS #0005033	LA	9/30/2026
5	Barry Brandt, PE, PTOE	RK&K	PE #0049229 – Civil	LA	3/31/2027
			PTOE # 115	N/A	2/1/2026


(Add rows as needed)

16. Staff Experience:


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Nate Atkinson, PE MPR #1	Years of relevant experience with this employer	7
Title	Principal	Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		BS/2002/Biological/Environmental Engineering: Environmental Option	
Active registration number / state / expiration date		Professional Engineer: PE0046613, LA, 9/30/2026	
Year registered	2022	Discipline	Civil
Contract role(s) / brief description of responsibilities. Principal. Nate is a Partner of RK&K, overseeing firmwide environmental projects, including condition assessments, planning, design, and construction. 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.			
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).		
12/03-ongoing	City of Virginia Beach, VA Annual Services Engineering Contract for Various Public Utilities Projects, Virginia Beach, VA: Nate serves as Partner-in-Charge for this contract, overseeing RK&K’s services and meeting with the client to ensure satisfaction. RK&K has provided services on a work order basis under multiple on-call contracts. Primary tasks include pumping station condition assessments, hydraulic analyses, and renovation/rehabilitation/replacement design as well as analysis and design of gravity sewer and force main systems including rehabilitation/replacement of deteriorated pipelines. Since 2001, over 100 individual tasks have been assigned under four contracts.		
06/23-ongoing	Charles County, MD Design Build for GST at Mattawoman WWTP (Sub), La Plata, MD: As Partner-in-Charge, Nate provides management and oversight of design efforts for this design-build project to construct a new gravity sludge thickener (GST) at Charles County’s 20 MGD Mattawoman Wastewater Treatment Plant (WWTP). The new GST No.4 will supplement the existing GST system.		
2/22-ongoing	City of Chattanooga, TN On-Call Green Infrastructure Design Plan Production (S-20-004-100), Chattanooga, TN: As Partner-in-Charge for this five year on-call contract, Nate oversees all services and commits resources as needed to support work assigned under this contract. RK&K is providing engineering services to assist the City in meeting compliance components of the EPA’s Clean Water Act and the City’s National Pollutant Discharge Elimination System (NPDES) permits.		
12/21-ongoing	Gwinnett County, GA Consultant Demand Services Annual Contract, Task: Category C Watershed Services, GA: As Partner-in-Charge and QA/QC Manager, Nate provides oversight of services to support the implementation of the County’s watershed protection plan.		


Firm employed by	 Rummel, Klepper & Kahl, LLP		
Name	Stuart Samberg, PE, PTP, PTOE, RSP, DBIA MPR #2, #3	Years of relevant experience with this employer	16
Title	Contract Manager	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization	MS/2014/Sustainable Transportation Engineering; BS/2006/Civil Engineering		
Active registration number / state / expiration date	<u>Professional Engineer: PE.0043906, LA, 03/31/26 (plus others)</u> <u>Professional Transportation Planner: 615, 11/20/26</u> <u>Professional Traffic Operations Engineer: 3870, 07/21/27</u> <u>Road Safety Professional: 68, 12/21/27</u> <u>Certified Design Build Professional: D3308, 12/31/26</u>		
Year registered	2019	Discipline	Civil
Contract role(s) / brief description of responsibilities: Contract Manager. Stuart is a Director at RK&K with extensive experience delivering a wide range of transportation projects along the East Coast. Over the last decade, Stuart has led over \$50M in on-call, IDIQ contracts for a variety of clients, including various DOTs, Federal Highway Administration, MPOs, and local governments. His focus has been on contracts which are focused on transportation design and operations, including managing projects from small bicycle and pedestrian improvements to megaprojects. He is experienced in all aspects of transportation planning and traffic engineering, including roadway design, horizontal and vertical geometry, intersection improvements including roundabouts, RCUTs, and J-Turns, traffic studies, signal design, corridor studies, traffic signing and marking plans, maintenance of traffic plans, street lighting, ITS, and technology deployments. His experience has been focused on developing innovative and cost-effective solutions to operational and safety challenges.			
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).		
8/23 - 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.		
2/22 - 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/markings, 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.		


12/14 – 12/19	Virginia Department of Transportation Statewide Traffic Engineering Design & Analysis, Statewide, VA: Stuart served as the project manager, providing oversight and overall contract management. Tasks included safety studies, road safety assessments, curve warning sign compliance, signal designs, roundabout designs, alternative intersection evaluations, and development of signing, marking, and transportation management plans. Stuart managed the development of over a dozen signal plans and 18 flashing yellow arrow conversions and led the implementation for a corridor of five signals. He also led multiple studies evaluating the appropriate timing and phasing of proposed improvements. As part of multiple tasks, HSIP applications were developed and funded projects included the design of Restricted Crossing U-Turn intersections, J-Turns, flashing beacons, mini-roundabouts, and other low-cost/high-benefit safety improvements. Also, as part of the FY19 SMART SCALE cycle, Stuart led the development of nine applications for localities within the Culpeper District.
6/22 - 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 has 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.
2/22 – 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.
2/19 – 6/22	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.
1/17-7/23	Virginia Department of Transportation Transform I-66 Outside the Beltway Design-Build, Fairfax, VA: Stuart served as D-B PM for three interchanges including the system-to-system interchange of I-66 at I-495, where he oversaw the development of construction plans. Specifically, at the I-66/Nutley Street, Stuart led the redesign, which replaced the existing cloverleaf interchange with a dual roundabout (“dog bone”). The unique element of the dog bone was the loops serving heavy movements and incorporating those as bypass lanes at the upstream roundabout. This concept was presented instead of the original DDI and was found to operate better in all areas and saved the project \$30M.


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Chris Ballard, PLS MPR #4	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	
Active registration number / state / expiration date		Professional Land Surveyor: 5033, LA, 9/30/2026	
Year registered	2010	Discipline	Land Surveyor
Contract role(s) / brief description of responsibilities.		Survey Manager: Chris will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firm's 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. Chris has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 5/23	H.012618 LA 347 Drainage Improvements: Chris was the survey manager for this project, which included 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. Project was completed to LADOTD Location and Survey Standards and practices.		
2/23 – 12/23	H.012027.5 I-20 Union Pacific Railroad: Chris was the survey manager for this project, which included topographic survey for the interstate in North Louisiana. Both traditional means and methods and 3D scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordination and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
9/18 – 1/20	H.004100 I-10 LA 415 to Essen Lane on I-10 and I-12 West and East Baton Rouge, LA: Chris was the survey manager for this project. CD&C was responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415, including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge at LA 415 as well as scanning every 500' for control verification and incorporation of the mobile Lidar for the I-10 pavement.		
4/17 – 7/17	H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge) Terrebonne Parish, LA: Chris 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. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.		
2/19 – 9/19	Bridge Replacements in East Feliciana Parish Rural East Feliciana Parish, LA: Chris was the survey manager for this project for East Feliciana Parish Police Jury. It included the replacement of two bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects were funded through FEMA and all documentation were required to be in accordance with FEMA's policies and procedures.		


1/17 – 12/17	East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA: In 2017, CD&C performed topographic surveys for at least four bridge replacement projects throughout East Baton Rouge Parish. Chris served as survey manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16 – 11/16	H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA: Chris served as the project manager for this project. Among the duties performed for the project were review of the crew work conditions, review and processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey, which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D terrestrial scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an emergency bridge replacement, all staff worked on this project non-stop until field work was completed in less than three weeks.
9/17 – 9/17	H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA: Chris is the survey manager for this project which included five bridge sites in District 62. In addition to all the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, two bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D terrestrial scanning.
10/15 – 12/18	H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA: Chris served as the survey project manager on this project which is a six-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D terrestrial scanning was used in conjunction with traditional means and methods for the completion of this project.
1/16 – 8/16	H.005733.5 US 190 Superstreet, St. Tammany Parish, LA: Chris served as the survey project manager on this project. CD&C provided a complete topo survey and drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, and performing final punch list. This project also included work in the Abita River utilized 3D terrestrial scanning for the main route.
10/15 – 1/16	H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA: Chris served as the survey project manager on this project that included a topographic survey and establishment of the right-of-way for Hanks Drive for installation of new sidewalk.


Firm employed by	 Rummel, Klepper & Kahl, LLP		
Name	Barry Brandt, PE, PTOE MPR #5	Years of relevant experience with this employer	34
Title	Traffic Engineering Lead	Years of relevant experience with other employer(s)	34
Degree(s) / Years / Specialization		MS/1991/Civil Engineering; BS/1990/ Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: PE.0049229, LA, 3/31/2025 (plus others) Professional Traffic Operations Engineer: 115, 2/1/2026	
Year registered	2024	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities: Traffic Engineering Lead. Barry oversees engineers and designers responsible for traffic control device and roadway lighting design, Intelligent Transportation System (ITS) planning and design, and traffic engineering analyses and studies. Barry has substantial experience leading large open-end contracts and has served as contract manager/liaison for 15 traffic engineering or ITS contracts worth more than \$45M for various clients. Barry's expertise includes traffic control device design, ITS system planning and device design, traffic engineering analyses and studies, review of shop drawings and catalog cuts, and drafting of special provisions for specialty items. In recognition of his service, Barry was awarded the "Outstanding Public Service Award" from ACEC in recognition of his representation of the engineering profession through community service.			
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).		
10/10-10/16	Virginia Department of Transportation Northern Region Operations (NOVA) Traffic Engineering Design for Traffic Control Devices and Engineering Studies: Barry served as consultant project manager for the on-call contract to provide traffic engineering design services and traffic engineering studies for VDOT's Northern Region. The RK&K team performed more than 60 tasks, including many with a fast turn-around, worth approximately \$5M in fees. Design tasks included sign structure replacements, ITS detection evaluation, Closed Circuit Camera installation, pavement marking design, traffic signal design, safety and guardrail evaluations, development of HSIP countermeasures, and truck restriction studies.		
10/16 – 10/21	Maryland Department of Transportation, State Highway Administration Traffic Control Engineering and Design, Statewide, MD: Barry served as the contract manager overseeing traffic signal design, signing/stripping design, minor geometric improvements, maintenance of traffic plans, and roundabout traffic design. The contracts involve more than 350 individual traffic engineering task assignments, focusing on traffic signal and traffic control device design and review.		
11/20 - ongoing	Maryland Department of Transportation, State Highway Administration I-695, from I-70 to MD 43, Design Build, Baltimore County, MD: Lead Traffic Engineer supporting a design-build project to deploy static-dynamic part-time shoulder use (PTSU), a TSMO strategy, to improve congestion and safety in the project area.		
9/13 – 12/17	Virginia Department of Transportation I-64 Widening & Route 623 Interchange Improvements Design-Build, Henrico and Goochland Counties, VA: On this contract, Barry served as lead traffic engineer for the project to widen I-64 and perform interchange improvements. Traffic signal design included two new traffic signals with mast arm style signals, queue detection to prevent spillback of ramp traffic to the mainline, and coordination between signals. ITS design included design of four CCTV cameras to provide continuous coverage along I-64 and fiber optic cable installation to connect the signals and CCTV cameras.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Chris Jordan, PE, DBIA	Years of relevant experience with this employer	7
Title	Task Leader	Years of relevant experience with other employer(s)	26
Degree(s) / Years / Specialization		BS, 2009, Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 31177, SC, 6/30/2026 (plus others) Certified Design Build Professional: D-3943, 5/23/2022	
Year registered	2013	Discipline	Civil
Contract role(s) / brief description of responsibilities: Task Leader. 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 DOT 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.			
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).		
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).		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	James Dowdy, PE	Years of relevant experience with this employer	3
Title	Task Leader	Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		BS/2007/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 33992, SC, 6/30/2026 (plus others)	
Year registered	2016	Discipline	Civil
Contract role(s) / brief description of responsibilities: Task Leader. James is a project manager and seasoned highway designer who has led and assisted with projects of various complexities, from interstates to local county roads and pedestrian streetscapes. He is very adaptable to the client's needs and able to accommodate various aspects of roadway projects. His experience ranges from geometric design (GEOPAK) and 3D modeling (OpenRoads Designer and Corridor Modeler) to traditional development of plans, profiles, and cross sections. James is very versatile and able to meet client needs with the latest technologies, as well as with the more familiar way of producing plans. Additionally, his skill set includes CADD production (MicroStation), quantities, maintenance of traffic design, signing schematic layouts, specifications, contract documents, and answering construction-related questions.			
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).		
8/24 - ongoing	South Carolina Department of Transportation I-77 Exit 26 New Interchange and Connecting Roads, Blythewood, SC: As a roadway designer, James played a key role in developing alternative technical concepts for this design-build project. Collaborating with the roadway and traffic team, he helped present multiple alternative concepts to the contractor and subsequently to SCDOT.		
6/24 - ongoing	South Carolina Department of Transportation Bridge Package 17 Design-Build Project, Task: United Replacement of Six Bridges, Union County, SC: As the roadway design lead, James ensures that each roadway design is accurate, safe, and tailored to meet the environmental and project-specific constraints of each site. RK&K is the lead designer for this project, which consists of replacing six bridges, including the associated roadway and drainage work necessary to tie the new approaches to the existing roadways. The project also includes the demolition, removal, and disposal of the existing bridge structures.		
7/22 - ongoing	Gwinnett County, GA Transportation Consultant Professional Services, Gwinnett County, GA: As roadway design lead for tasks under this Transportation Consultant Professional Services contract, James is responsible for ensuring the roadway designs are geometrically sound and that all plans are clear, readable, and consistent with the Gwinnett County plan development process.		
10/21 – 12/24	Paulding County Department of Transportation, GA Metromont Road Including Rosedale and Angham Intersections, Paulding County, GA: James served as the roadway lead responsible for right-of-way plans for this project, which consisted of intersection improvements and widening an arterial road. James coordinated design efforts with the hydraulics team and 3D modeling of the roadway corridors. Despite facing challenges with new software, a tight schedule, and changes in project management, a comprehensive set of right-of-way plans was successfully submitted, delivering on project goals.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Joe Baan, PE	Years of relevant experience with this employer	8
Title	Task Leader	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		MS/2009/Engineering Management; BS/2004/Chemical Engineering	
Active registration number / state / expiration date		Professional Engineer: PE70646, FL, 02/28/2025	
Year registered	2010	Discipline	Civil
Contract role(s) / brief description of responsibilities: Task Leader. Joe's experience includes roadway and drainage engineering for major and minor projects in the design, Project Development & Environment, and construction phases. He has worked on complete streets, new alignments, widenings, interstate, and trail projects. Because of his diverse experience managing projects that utilize local, State, and Federal funding, Joe is aware of the desires and perspectives of various clients he services. He has a proven ability to manage projects to meet schedule and budget goals while providing his clients with quality deliverables, problem-solving solutions, and responsive service.			
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).		
5/22 - 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.		
8/20 - 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.		
9/20 – 3/23	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.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Jason Lyle, PE	Years of relevant experience with this employer	7
Title	Roadway Lead	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		BS/2003/Civil Engineering; AS/2000/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 69009, FL, 2/28/2025	
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities: Roadway Lead. Jason's experience includes roadway and trail design, as well as project management. Recent experience includes projects involving new sidewalk and trail, pedestrian bridges, roadway widening, new construction, as well as resurfacing, restoration, and rehabilitation (RRR) projects for various clients. His experience includes 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.			
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).		
8/23 - 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.		
2/23 - 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 more than 350 traffic signals. Jason managed roadway design and permitting for turn lane additions at Wickham Road and Pineda Causeway, provided quality assurance for watershed modeling to analyze major crossings and recommend improvements in the 3,000-acre Scottsmoor Basin east of I-95, and oversaw flooding analysis, improvement design, and development of construction documents 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.		
5/20 – 1/21	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.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Amanda Barrett, PE	Years of relevant experience with this employer	12
Title	Drainage Lead	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		BA/2013/Civil/Environmental Engineering	
Active registration number / state / expiration date		Professional Engineer: 44025, MD, 12/10/2025	
Year registered	2017	Discipline	Civil
Contract role(s) / brief description of responsibilities: Drainage Lead. Amanda has experience in the inspection, design, and implementation of civil engineering projects involving storm drain, stream restoration, outfall stabilization, stormwater management (SWM), erosion and sediment control (E&SC), and stormwater planning studies for a variety of site development, roadway/trail construction, and bridge replacement projects.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/22-ongoing	Maryland Department of Transportation, State Highway Administration (BCS 2020-06 I) Highway Structure Engineering Services, Task: I-70 from I-81 to Bower Ave Final Design, MD: Under this statewide on-call contract, Amanda managed team of internal engineers and subconsultants in preparing the stormwater/drainage design for the replacement of three bridges on I-70, over I-81, US 11, and Norfolk Southern Railroad. The proposed work included bridge replacements and roadway widening for the entire one-mile length of highway, as well as associated roadside benching to accommodate the high fill slopes.		
2/22-ongoing	Mississippi Department of Transportation IDIQ Master On-Call Contract for Traffic Engineering Services, Task: US 49 Siloam Road and MS 149 Intersection Improvements, Simpson County, MS: Under this statewide on-call contract, Amanda has led and performed drainage tasks related to roadway and traffic tasks. For this effort, Amanda oversaw the design of drainage and roadway improvements and coordinated with MDOT staff to ensure Phase A design needs were met. Her tasks included hydraulic design and culvert computations, open channel design, QA/QC, attending field review meetings attendance, and overall project coordination.		
8/20-6/21	Harford County Woodley Road Extension Design, Harford County, MD: Amanda led stormwater management, drainage, and erosion and sediment control efforts for this roadway extension project, which included the design of multiple stormwater management facilities, challenging drainage design to convey large offsite areas through a system with limited capacity, coordination with re-design of adjacent Ruggles Golf Course, and coordination with MDOT-SHA Access Permits division to coordinate potential impacts to two adjacent MDOT-SHA owned ponds.		
8/22-ongoing	Maryland Department of Transportation, State Highway Administration Plan Review Division (PRD) Review Services, MD: As on-site support staff for MDOT-SHA for more than four years, Amanda has performed over 200 SHA-PRD reviews, and has provided comments, coordinated with other consultants, and participated in design meeting to resolve SWM and other stormwater/drainage/E&SC related issues. Project types reviewed include stream restoration projects, ADA sidewalk districtwide upgrades, bridge replacement and intersection improvement projects, existing BMP remediation work orders, access permit coordination, and as-built submissions.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Shreyas Bharadwaj, PE, PTOE	Years of relevant experience with this employer	11
Title	Traffic Studies Leader; Traffic Analysis	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		MS/2013/Civil Engineering; BS/2011/Civil Engineering	
Active registration number / state / expiration date		<u>Professional Engineer</u> : 046594, NC, 12/31/2025 (plus others) <u>Professional Traffic Operations Engineer</u> : 4624, 3/27/2019 LADOTD, Completed Traffic Engineering Analysis Process & Report Class Modules 1, 2 & 3: Feb 1-2, 2023	
Year registered	2017	Discipline	Civil
Contract role(s) / brief description of responsibilities: Traffic Studies Lead. Shreyas has 14 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.			
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).		
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.		
2/22 – 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.		
2/22 – 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.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Richard Barrett, PE	Years of relevant experience with this employer	11
Title	Traffic Design Lead	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BS/2013/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: DC, PE921595, 8/31/2026 (plus others)	
Year registered	2019	Discipline	Civil
Contract role(s) / brief description of responsibilities. Traffic Design Lead. Richard's expertise includes traffic analysis, traffic signal design, traffic signing design, preparation of MOT/sequence of construction plans, transportation management plans, ITS planning and design, roadway lighting analysis and design, tunnel lighting analysis, and design and construction management. Richard's design experience ranges from conceptual to preliminary through final construction plans, specifications, and estimates. He collaborates directly with state, local, municipal, and private clients to ensure designs and deliverables meet project goals and agency requirements. Known for his technical acumen and leadership, Richard is organized, detail-oriented, and collaborates proactively with clients and teaming partners to ensure expectations are met and deliverables are submitted on time, on schedule, and within budget. He is proficient in a variety of engineering software including AGI32, AutoCAD, MicroStation V8i, AutoTURN, ArcGIS PRO, HCS, Synchro, SimTraffic, and GuideSIGN.			
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).		
11/22-ongoing	City of Bonita Springs, FL US 41 & Bonita Beach Road Quadrant Northwest Phase I CN 22-02, Bonita Springs, FL: Transportation/traffic engineer responsible for plans development. 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.		
2/22-ongoing	Town of Mount Pleasant Transportation On-Call Services Contract, Mount Pleasant, SC: As part of this on-call contract, Richard is supporting a range of traffic-related efforts, including leading and developing signing and pavement marking plans for mid-block crossings for bus stops on Stuart Engals Boulevard. RK&K is 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 transportation projects.		
4/21-12/22	Henrico County Advanced Traffic Management System Phase II, Henrico County, VA: Richard was the lead traffic engineer for this project to upgrade signal equipment at more than 120 locations throughout Henrico County. Richard conducted field evaluations at intersections, managed the development of base plans, and preparation of redline modification plans for all locations. He also led the design of two-span wire replacements with mast arms, coordinating with Dominion Power regarding new electrical services. Richard was also leading the development of fiber optic communication plans for an initial phase of a fiber optic trunk line to provide connectivity to signals throughout the County.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Brad Bivens, PE	Years of relevant experience with this employer	1
Title	Bridges Lead	Years of relevant experience with other employer(s)	38
Degree(s) / Years / Specialization		BS/1986/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 21539, TN, 10/2026 (plus others)	
Year registered	1990	Discipline	Civil
Contract role(s) / brief description of responsibilities. Bridge Lead. Brad's structural experience includes leading and managing the design and preparation of plans for bridge repair and bridge replacement projects. Brad's responsibilities have included managing the construction engineering design of retaining walls, shoring, demolition, beam erection, and other miscellaneous structures. He is also a NBIS inspection team leader with experience managing routine and underwater bridge inspections. As a City Engineer for three municipalities, Brad managed the design and preparation of public infrastructure improvement and maintenance projects and was responsible for contract administration and plans review for private developments for compliance with city zoning ordinances and subdivision regulations.			
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).		
11/22-ongoing	Tennessee Department of Transportation I-75 Interchange at I-24 Phase 2 Design-Build, Hamilton County, TN: As structural engineer, Brad provided engineering support and QC for the design of retaining wall No. 13 for I-75 over the CXS railroad. Retaining wall no. 13 was redesigned to meet TDOT Standard Drawings and the geotechnical design requirements for the site. RK&K is the lead designer for this design-build project that 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.		
1/21-11/24	Tennessee Department of Transportation Continuing Bridge Repair Contract, Statewide, TN: Project manager for this continuing contract to perform inspection and design services on highway bridges in Tennessee. Typical projects include bridge widening, superstructure replacement, deck rehabilitation or replacement, substructure repair, bridge inspections and ratings, underwater inspections and hydraulic analysis and design.		
1/24-11/24	Sumner County Station Camp Creek Road Realignment, Sumner County, TN: Senior Bridge design engineer and project manager for survey, design, and construction engineering for 1.3 miles of roadway and a new highway bridge for relocated Station Camp Creek Road over CSX Railroad.		
8/02 - 1/12	Corps of Engineers Chickamauga Lock Street Improvements, Chattanooga, TN: Senior bridge design engineer for this project that involved survey, design, and preparation of specifications for the relocation of local streets adjacent to the Chickamauga Dam. Project included two new roundabouts, relocation of streets and two new bridges over North Chickamauga Creek. Services included geometric design, geotechnical analysis, traffic analysis, Bridge design, street lighting and traffic signing.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Mike Merritt, PE	Years of relevant experience with this employer	30
Title	Roadway QA/QC	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		BS/1989/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 021122, NC (plus others)	
Year registered	1995	Discipline	Civil
Contract role(s) / brief description of responsibilities. Roadway QA/QC. Mike is an Executive Director and brings extensive contract experience, having managed RK&K's entire roadway group and served as design manager on TDOT and NCDOT design-build projects, as well as Quality Assurance Manager (QAM) on municipal work completed in Tennessee and North Carolina. His expertise and knowledge have contributed to RK&K's success and reputation for delivering quality and innovative projects. Performing quality work for clients is a long-standing tenant of the RK&K way of doing business. Mike 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.			
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).		
11/22 – 07/24	Tennessee Department of Transportation I-75 Interchange at I-24 Phase 2 Design-Build Statewide, TN: Mike is serving as design manager responsible for the overall design quality for the team providing construction plans, specifications, and reports; multi-discipline design services; design management and quality control; design field investigations; permit assistance; 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. Scheduled completion: 12/2025.		
11/10 – 09/17	United Infrastructure US 74 Monroe Connector/Bypass Design-Build Statewide, SC: As design quality manager/section design manager, Mike was responsible for the overall design quality for this \$464 million, 19.7-mile NCTA design-build toll road. His responsibilities also included serving as the project manager for a 3.2-mile roadway segment at the north terminus of the project. The project was a multi-lane facility designed mostly on new location with eight interchanges designed to meet 70 mph design speed. The project included 37 bridges, 31 box culverts, and numerous retaining and noise walls. The project also included Open Road Tolling (ORT) infrastructure, Intelligent Transportation Systems (ITS) components, and aesthetic treatments. Coordination requirements included permitting, utilities, railroad, right-of-way, and public involvement.		
01/17 – 01/21	North Carolina Department of Transportation Division 8, On-Call General Engineering & Consulting Services Statewide, NC: Mike served as the design project manager on several NCDOT General Engineering Services Contracts for Divisions 3, 8, 9, 10, and 11. Under these contracts, RK&K's services included reviewing project plans, technical reports, and other deliverables submitted by other professional services firms or third parties for the purposes of supporting project delivery.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Tina Swiezy, PE	Years of relevant experience with this employer	28
Title	Drainage QA/QC	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		BS/1985/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 018181, NC, 12/31/2025 (plus others)	
Year registered	1992	Discipline	Civil
Contract role(s) / brief description of responsibilities. Drainage QA/QC. Tina is the Water Resources Director in RK&K's Raleigh, NC, office. She provides quality assurance and quality control (QA/QC) for the management and preparation of stormwater, hydraulic, and hydrologic analyses. Tina has extensive project experience for NCDOT, municipal, rail, and site development projects including drainage designs, erosion control designs, culvert survey reports, bridge survey reports, permit drawings, and stormwater management. Tina also has extensive experience in coordinating RK&K and other firms' personnel on small local teams and large multi-regional teams to produce a single, high-quality product expected by our clients. Tina attended an intensive academically accredited course in wetland studies, "Wetland Ecology," and the NC Stream Restoration Institute Stream Classification/Assessment/Stream Restoration Design Principles course.			
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).		
12/14 – 06/19	North Carolina Department of Transportation Asheboro Southern Bypass, US 64 West to US 64 East and Zoo Connector Stormwater Retrofit Statewide, NC: As hydraulics QA/QC manager, Tina performed QA/QC for hydraulics and erosion control design, including the stormwater management plan and permit. Design Section 1 included final design plans for an extended dry detention basin retrofit along NC 49 that provides stormwater quality treatment near a jurisdictional stream.		
05/15 – 05/15	University of North Carolina at Chapel Hill Battle Grove Regenerative Stormwater Conveyance Chapel Hill, NC: Tina was the project manager responsible for quality control and oversight for the first Regenerative Stormwater Conveyance on state university property in North Carolina. RK&K provided project management and permitting services throughout design and construction for this project.		
01/17 – 12/18	North Carolina Department of Transportation NC 12 - Rodanthe Bridge Jug-Handle Design-Build over Pamlico Sound Rodanthe, NC: As hydraulics QA/QC manager, Tina provided quality oversight for hydraulic efforts on this 3.05-mile project including a 2.46-mile bridge extending into Pamlico Sound. This allows for realignment of NC 12 into the Sound to prevent washing of the existing road. Scour calculations, wave force calculations, and abutment protection design were all considered. The 100-year and 500-year design storms were analyzed, taking into account sediment characteristics, flow parameters, and pier geometry. The flow parameters included the depth, velocity, and angle of attack.		
09/17 – 12/21	North Carolina Department of Transportation I-911A, I-40 over Yadkin River Design-Build Statewide, NC: As water resources Q/C manager, Tina was responsible for quality review of hydraulics design and erosion control design for this 3.8-mile existing location project.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Jim Burnett,	Years of relevant experience with this employer	31
Title	Traffic QA/QC	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		MCE/1994/Civil Engineering; BS/1992/Civil Engineering;	
Active registration number / state / expiration date		<u>Professional Engineer: 23133, MD, 6/15/2025 (plus others)</u> <u>Professional Traffic Operations Engineer: 655, 1/18/2028</u>	
Year registered	1998	Discipline	Civil
Contract role(s) / brief description of responsibilities. Traffic QA/QC. Jim's experience in managing complex planning and traffic engineering projects have included operational analyses of intersections, interchanges, freeway systems, arterials, and roundabouts; the development of regional traffic forecasts; the oversight of a wide variety of traffic data collection efforts; and the assessment of design alternatives to mitigate operational and safety deficiencies. His project experience includes close coordination with local, state, and federal agencies to develop new transportation policies and a wide variety of technical manuals.			
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).		
08/14 – 07/18	Maryland State Highway Administration Travel Forecasting and Traffic Engineering Analysis (BCS 2011-07E) Statewide, MD: Director-In-Charge. Jim has provided senior traffic engineering guidance and quality control review for numerous tasks completed by the RK&K team under multiple consecutive Statewide Travel Forecasting and Traffic Engineering Analysis contracts with SHA. Specifically, Jim has reviewed and guided the development of travel forecasts; balanced volume networks; and complex capacity analyses using Synchro, VISSIM and CORSIM. Jim has also facilitated the development of improvement alternatives, cost-benefit analyses, and safety studies at high-crash locations. Recently, Jim coordinated closely with TFAD staff to facilitate the preparation of traffic impact analyses for the potential relocation of the FBI headquarters. For this very high-profile project, which was also on an accelerated schedule, RK&K examined the traffic impacts to local roads and nearby interstate facilities for potential sites in Landover and Greenbelt Maryland.		
05/17 – 10/18	Mahan Rykiel Associates HOCOMD Master Plan for Ellicott City Watershed (sub MRA) Ellicott City, MD: Jim served as Director-in-Charge providing senior traffic guidance and quality control review for traffic safety and operational studies, traffic data collection, traffic calming studies, roundabout feasibility analyses, road diet feasibility projects, and projects to improve bicycle accommodations. Many of these projects involved coordination with the public to listen to their concerns, explain engineering concepts and analysis results, and discuss improvement options.		
03/24 – 06/24	Wilmington Metropolitan Area Planning Council Churchman's Crossing Plan Update - Monitoring Support, FY24 Wilmington, DE: Jim worked with members of the consultant teams, as well as with the project partners, to monitor transportation and land use conditions within each project area, and to package that information in a way that helps the project partners appropriately implement dozens of multimodal transportation projects. Jim's primary role for these projects was to help establish and manage the Stakeholder Working Groups whose input will inform the project partners as they make future decisions about the timing and implementation of transportation projects within the project limits.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Jillian Huskey, PE	Years of relevant experience with this employer	9
Title	Roadway	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		BS/2011/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: NC – just passed. Certificate not yet issued.	
Year registered	2025	Discipline	Civil
Contract role(s) / brief description of responsibilities. Roadway. Jillian is a Project Manager with experience in project coordination, design, and design review. Before joining RK&K, she worked for NCDOT in Engineering Coordination. Jillian has extensive municipal design experience and strives to maintain schedules by requesting or preparing information for future tasks. She is familiar with railroad grade separations and also has experience reviewing general engineering services consultant (GESC) projects for several NCDOT divisions and projects.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
01/22 – 03/24	North Carolina Department of Transportation Division 10 On-Call General Engineering & Consulting Services, Task: U-5763 – NC 51 Widening Mecklenburg County, NC: Jillian served as the project manager for this project. The U-5763 project involves critical improvements to a 1.5-mile stretch of NC 51 in Matthews, Mecklenburg County, NC. This section of NC 51 is known for heavy congestion, necessitating significant infrastructure enhancements to improve traffic flow and safety. The project scope includes widening the existing roadway, expanding a railroad bridge, and implementing a continuous flow intersection (CFI), a design known for its efficiency in managing high traffic volumes and reducing delays at intersections.		
01/22 – 03/24	North Carolina Department of Transportation Division 10 On-Call General Engineering & Consulting Services, Task: U-5761 – US 29/NC 3 (Dale Earnhardt Blvd.) Improvements Cabarrus County, NC: Jillian served as the project manager for this project. RK&K provided comprehensive reviews and expertise for intersection improvements at US 29/NC 3 in Kannapolis, NC. Spanning a distance of 0.7 miles, this critical area is affected by heavy congestion, necessitating strategic upgrades to alleviate traffic bottlenecks and enhance overall safety. The project focuses on enhancing intersection functionality through the implementation of reduced conflict intersections (RCIs) and other innovative design solutions.		
07/22 – 10/22	North Carolina Department of Transportation Division 8, On-Call General Engineering & Consulting Services Statewide, NC: NCDOT Division 8 selected RK&K to provide professional consulting services to support the development and delivery of the Division-managed projects and to review plans, technical reports, and other deliverables submitted by other private engineering firms and third parties. RK&K served as a resource and trusted adviser to NCDOT Project Managers. Jillian was project manager for several tasks.		
06/15 – 11/18	North Carolina Department of Transportation Planning & Design On-Call, Future I-295 Fayetteville Outer Loop Fayetteville, NC: Jillian served as roadway engineer. The project aims to add an interchange at Camden Road and relocate two additional Y lines across the future 295. Jillian was involved in all aspects of the design, addressing project constraints such as right-of-way impacts, utility impacts, and MOT.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Ian Cathcart, PE	Years of relevant experience with this employer	9
Title	Roadway	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS/2012/Civil and Environmental Engineering	
Active registration number / state / expiration date		Professional Engineer: 40732, SC, 6/30/2026 (plus others)	
Year registered	2022	Discipline	Civil
Contract role(s) / brief description of responsibilities. Roadway. Ian produces high-quality roadway engineering designs for a variety of transportation improvement projects. His roadway improvement projects typically involve alternative development, corridor modeling, intersection improvements/turn lane additions, sidewalks and shared-use paths, bicycle facilities, ADA compliance, on-street parking accommodations, and drainage and utility considerations. Ian is familiar with the challenges of working on aging infrastructure in tight right of way on limited budgets. He is familiar with AASHTO standards and processes and has worked with state DOTs and local governments to meet their needs. Ian is proficient with AutoCAD, Civil 3D, MicroStation, Geopak, OpenRoads, AutoTurn, TORUS, Guidesign, MS Project, Synchro, ArcGIS, and Microsoft applications.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/23 – 08/23	South Carolina Department of Transportation 2020 On-Call Roadway Design, Intersection Improvements, and Interstate Reconstruction Engineering Services Statewide, SC: As a project engineer, Ian has provided QA/QC review to verify that all designs adhered to SCDOT standards and achieved identified objectives. As part of detailed design reviews, he also performed interdisciplinary coordination to ensure all designs disciplines were compatible and confirmed both design compliance and quality. Under this on-call contract, RK&K provides full design services, including analysis, planning, and preliminary, right of way, and final construction plans. Tasks have included analysis and design of multiple roundabouts and analysis and alternative development for replacement of a failed dam and roadway.		
12/15 – 07/16	Town of Leesburg, VA Comprehensive Engineering, Architectural, Surveying On-Call Contract, Task: W. Market Street at Ayr Street Walkability Study Leesburg, VA: Ian was the project engineer responsible for developing three concepts to improve the ADA compliance of a stretch of sidewalk near the downtown portion of Leesburg. This project compared the three concepts, including a retaining wall alternative to minimize property impacts, and produced a report summarizing and comparing the alternatives along with cost estimates.		
06/16 – 05/17	Town of Leesburg, VA Comprehensive Engineering, Architectural, Surveying On-Call Contract, Task: Royal Street Walkability Study – Church Street to Liberty Street Leesburg, VA: Ian served as project engineer for this street improvement project to increase safety and provide multi-modal mobility by connecting two of the most important multi-use trails in Arlington County: Washington and Old Dominion Trail (W&OD) and Four Mile Run Trail. The design implements ADA-compliant safety and access improvements for pedestrians, transit riders, and bicyclists by converting vehicle lanes and narrow sidewalks to wide multi-use trails. .		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Justin Lyles, PE	Years of relevant experience with this employer	6
Title	Roadway	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		BS/2009/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 31542, SC, 6/30/2026 (plus others)	
Year registered	2014	Discipline	Civil
Contract role(s) / brief description of responsibilities. Roadway. Justin is a Project Manager with experience in transportation, site design, storm drainage, water, wastewater, and environmental projects for city, county, and state municipalities. His duties have included hands-on design, leading design, discipline coordination, client coordination, permit coordination, scheduling and budget maintenance. He has been responsible for leading conceptual, detailed design, regulatory permitting, bidding, contract administration, construction observation and engineering while corresponding with respective entities through all project phases. He served as an engineer in the South Carolina Department of Transportation (SCDOT) for five years where he held positions of progressive responsibility that included roadway design support. In these positions, he gained experience evaluating roadway plans for quality assurance for preliminary, right-of-way, and construction phases of the design process, including plans from SCDOT personnel and private entities. His experience in quality assurance and quality control for review of roadway plans has ensured all geometric design issues were designed properly and consistently with SCDOT standards. Justin has extensive knowledge of SCDOT design standards and practices which is vital to his ability to manage projects efficiently, cost effectively, and on schedule.			
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).		
02/25 – Ongoing	South Carolina Department of Transportation S-40-64 (Arcadia Lakes Drive) over Cooper Pond Roadway Repairs Columbia, SC: Justin is the project delivery leader. 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.		
02/24 – 06/24	South Carolina Department of Transportation Traffic Analysis of S-492 (Pelham Road) at S-273 (Haywood Road) Statewide, SC: As roadway design lead, Justin is assisting traffic analysis with design criteria for Pelham Road, Haywood Road, and other impacted roads. He is also providing roadway conceptual alternatives in conjunction with the traffic study. RK&K’s study is addressing safety, access management, and operational efficiency at the intersection.		
01/23 - Ongoing	South Carolina Department of Transportation US 378 (Broad St) at S-204 (Loring Mill Road) Intersection Improvements Sumter, SC: As project manager, Justin is leading improvements at three intersections along a 3.5-mile segment of US 378. The modifications will improve safety along this busy corridor. Justin provides project oversight and ensures the design team achieves SCDOT’s goals for project deliverables, quality, schedule, and budget.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Liz Lorello, PE	Years of relevant experience with this employer	7
Title	Drainage	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization		BS/2007/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 74699, FL, 2/28/2027	
Year registered	2012	Discipline	Civil
Contract role(s) / brief description of responsibilities. Drainage. Liz has been responsible for the design of drainage and stormwater management systems for various types of roadway improvement projects. Her experience includes the layout and design of cross drains, ponds, storm sewer systems, as well as the preparation of plans and design documentation. She has extensive experience coordinating with FDOT and other agencies, including SWFWMD, SFWMD, FDEP, and USACE to obtain various permits. Liz has served FDOT District One 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. Currently, Liz reviews all drainage and driveway connection permitting reviews on behalf of FDOT District One's Bartow Operations office through the agency's online permitting portal, One Stop Permitting (OSP). Her experience includes drainage and roadway design for urban and rural roadway widenings, resurfacings, intersection reconfigurations, and limited access facility projects.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/24 – 05/24	Seminole Tribe of Florida On-Call Traffic & Transportation Engineering Support Statewide, FL: Liz is the Project Deliver Leader for this project in which RK&K will conduct field inspections throughout the reservations and gather data for traffic/transportation project planning, assessments, and development including traffic engineering services for the potential installation of traffic calming devices and other related activities. We will develop project sketches and conceptual designs for planned and recommended transportation improvements; coordinate with Tribe's reservation supervisors and staff, design consultants, contractors, and other entities to move projects forward; provide field inspection services including develop daily inspection reports, review of redlines and pay requisitions from contractors, review of as-builts, project certification, commissioning, and closeout. RK&K will assist with transportation grant application documentation to include deliverables.		
06/22 – Ongoing	Polk County Board of Commissioners Engineering Services for Drainage Improvement Projects Polk County, FL: Liz is the Drainage Engineer of Record 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.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Kevin Koh, PE	Years of relevant experience with this employer	5
Title	Drainage	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization		BS/2018/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 97644, FL, 2/28/2027	
Year registered	2023	Discipline	Civil
Contract role(s) / brief description of responsibilities. Drainage. Kevin has been responsible for the design of drainage and stormwater management systems for various types of roadway improvement projects. His experience includes the design and layout of storm sewer systems, roadside ditches and ponds, as well as the preparation of plans, estimates and design documentation. Kevin has extensive drainage experience which extends across multiple states and counties, meeting each jurisdiction's unique standards while being on-time and under-budget. Plan submittals include submissions to: MDOT-SHA, DelDOT, VDOT, Arlington County, Sarasota County, Manatee County and more. Currently Kevin is working on roadway and drainage improvement projects for FDOT and Polk County, which includes designs being performed with OpenRoads Designer.			
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).		
11/24 – Ongoing	City of Bonita Springs, FL CN23-12 Rosemary Drive Stormwater and Multi-Use Pathway Engineering Design Services Bonita Springs, FL: Drainage engineer for the design of stormwater improvements. As a subconsultant, RK&K is providing design for Complete Street and stormwater improvements along Rosemary Drive from Old US 41 to Vagabond Way.		
12/23 - Ongoing	Polk County Creekwater Drive Polk County, FL: Drainage engineer for this task assignment from RK&K's ARPA-funded drainage improvements contract. RK&K is evaluating the drainage basin, and providing design, permitting of a larger culvert, and any necessary post-design services for upgrading an existing, undersized cross-drain that has washed out a roadway and driveways in recent years.		
02/25 - Ongoing	Brevard County, FL Dixie Village Project Brevard County, FL: Drainage engineer for analysis of documented flooding areas, design of proposed improvements, and preparation of construction drawings and supporting technical specifications.		
12/23 - Ongoing	City of Bonita Springs, FL East Terry Street Stormwater and Multi-Use Pathway Project Bonita Springs, FL: Drainage engineer for the design of stormwater improvements to mitigate historical flooding at several locations along East Terry Street from Old US 41 to Bonita Grande Drive. A shared use path and other multimodal improvements from Imperial Parkway to Bonita Grande Drive was also included.		
03/32 – 06/23	Florida Department of Transportation US 41/SR 45/South 50th Street from South of SR 676 (Causeway Boulevard) to North of Causeway Boulevard Statewide, FL: Drainage engineer for the reevaluation of the US 41 (SR 45) PD&E Study and design of a grade separation at the CSX railroad crossing and Causeway Blvd intersection. The project includes analysis and design of six cross drains, three stormwater management facilities and an extensive storm drain system. Floodplain impacts and compensation were modeled in the Delaney Creek Watershed Model and also included in the hydraulic analysis.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Amanda Noel, PE	Years of relevant experience with this employer	5
Title	Drainage	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		MS/2020/Engineering Management; BS/2013/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 050610, NC, 12/31/2025 (plus others)	
Year registered	2020	Discipline	Civil
Contract role(s) / brief description of responsibilities. Drainage. Amanda is a Project Manager with drainage, stormwater management, and erosion and sediment control project experience. She is proficient in drainage analysis, hydrologic analysis, bridge hydraulic modeling, scour analysis, bridge deck spread and drains, storm drainage design, ditch design, cross pipe design, permit drawings, erosion control, stormwater management, best management practices (BMPs), stormwater pond retrofit, and field work. Amanda has design experience with software packages, including MicroStation, GEOPAK Drainage, StormCAD, PCSWMM, HY-8, HEC-RAS, HEC-18 Scour, and USGS SC Bridge-Scour Envelope Curves. She is an enthusiastic water resource engineer with experience designing projects of varying sizes. Amanda is an effective communicator, detail oriented, and well organized, which allows her to easily implement lessons learned from project to project.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
03/24 - Ongoing	South Carolina Department of Transportation Roadway On-Call Task Order No. 2 - S-40-64 (Arcadia Lakes Drive) over Cooper Pond Roadway Repairs Columbia, SC: Amanda is the project manager for this project. 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.		
05/20 – 08/20	Georgia Department of Transportation Regional Operational Improvements On-Call Contract for Districts 1, 2, and 5, Task: SR 3 (Tara Boulevard) at Flint River Road Intersection Improvements Jonesboro, GA: As design engineer, Amanda analyzed existing drainage and completed conceptual drainage design for roadway improvements to this intersection. The intersection will be under one acre of disturbance. The improvements include analyzing the existing drainage using StormCAD to ensure the changes do not impact the existing drainage structures.		
05/24 -07/24	South Carolina Department of Transportation US 378 (Broad St) at S-490 (Robert Dinkins Rd) in Sumter County - Contract Mod 1 Sumter County, SC: As a project engineer, Amanda reviewed the preliminary hydrology and hydraulic design for the preliminary design of a the intersection improvements for S-490 at US-76/US-378 and S-40 at US-76/US-378 in Sumter County. The intersection improvements include storm sewer analysis and replacement and design of ditches needed for the construction on the proposed intersection. Amanda performed this aspect using GEOPAK Drainage, HY-8, and Hydraulic Toolbox.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Mahmood Shehata, PE	Years of relevant experience with this employer	15
Title	Traffic Studies	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS/2001/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: PE075598, PA, 9/30/2025 (plus others)	
Year registered	2008	Discipline	Civil
Contract role(s) / brief description of responsibilities. Traffic Studies. Mahmood's experience ranges from traffic operations, including traffic studies and simulation modeling, to the preparation of preliminary and final design plans. His work in traffic studies and operations includes traffic signal warrant analysis, speed limit studies, ITS planning studies, evaluation of traffic calming measures; traffic forecast projections, trip generation, trip distribution, and detailed capacity analysis using traditional methods and microsimulation. His final design experience includes the development of ITS plans, traffic control, signing and pavement marking plans, traffic signal design plans, and full contract document development. Mahmood is skilled at using several computer applications to perform engineering tasks, including VISSIM, CORSIM, Synchro/SimTraffic, Highway Capacity Software, SIDRA, AutoCAD, MicroStation, and ArcGIS. He is serving as the 2025 President of the ITE's Mid-Colonial District.			
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).		
09/24 - Ongoing	Texas Department of Transportation Traffic Engineering and ITS for Austin District, Task: Technical Review Austin, TX: Mahmood is serving as the lead traffic engineer for this five-year open-end contract. He is leading a team performing traffic engineering studies and designs including TIA reviews, traffic signal studies, signal warrant analyses, capacity analysis studies, traffic projections, and traffic operations evaluations. To date, Mahmood has led all TIA reviews and other studies as well as engineering work completed under this contract. He is also responsible for ensuring budget and schedule adherence, as well as conformance to our quality control plan.		
12/22 – Ongoing	Pennsylvania Department of Transportation US 1 (Roosevelt Boulevard) Improvements, Task: Route for Change Alternative Refinement Philadelphia, PA: Mahmood is the project manager for this project in which RK&K is providing design of short-term improvements for US 1 (Roosevelt Blvd) and continued study of long-term reconfiguration alternatives for US 1.		
08/21 – 06/23	Pennsylvania Department of Transportation E04863 - US 422 Corridor Analysis and Study Completion Statewide, PA: As project manager, Mahmood led all study efforts, including traffic capacity analysis, roadway geometric conditions assessment, transit modeling screening, ITS/systems investigation, and stakeholder engagement. This study investigated the use of flex lanes along US 422 in Montgomery and Chester Counties to address congestion and safety problems along the corridor. The initial screening study looked at several flex lane configurations including general purpose flex lanes, HOV, HOT, and reversible lanes. The study also investigated the role of transit in reducing congestion along the corridor.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Jeff Kuttesch, PE, PTOE	Years of relevant experience with this employer	19
Title	Traffic Studies	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		MS, 2004, Civil Engineering; BS, 2003, Civil Engineering	
Active registration number / state / expiration date		<u>Professional Engineer</u> : 0402047612, VA, 6/30/2026 (plus others) <u>Professional Traffic Operations Engineer</u> : 2632, 4/20/2027	
Year registered	2010	Discipline	Civil
Contract role(s) / brief description of responsibilities. Traffic Studies. Jeff brings extensive experience in transportation planning and traffic engineering projects for various state transportation agencies and municipalities. He manages projects and tasks in areas such as traffic safety analysis (roadside safety assessments and detailed crash analysis), traffic operations analysis (covering travel demand forecasting, capacity analysis, and microsimulation), corridor and intersection studies, as well as traffic engineering design, including signals, signage, and pavement markings. Jeff is proficient in using traffic engineering software packages such as Sidra, Synchro/SimTraffic, CORSIM, HCS, and VISSIM. He brings significant expertise in the analysis and conceptual design of roundabouts and other innovative intersections. Additionally, Jeff assists localities in preparing application materials for Smart Scale, revenue sharing, and other transportation funding sources. This includes project identification, conceptual design development, cost estimation, and ongoing support throughout the application process. Jeff also served two years as VDOT's Area Traffic Engineer for the Richmond District.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i>, “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/18 – 05/23	City of Richmond, VA Annual Engineering & Construction Related Non-Professional Services for the City's Capital Improvement Plan Richmond, VA: Jeff serves as the lead traffic engineer for multiple task order assignments under this on-call contract. He leads traffic studies (including warrant analysis and safety studies) and design for traffic signals, lighting, signing and pavement markings. He oversees the study and design teams, performing quality control reviews of work materials, prepares project estimates, coordinates with subconsultant and clients, review shop drawings and helps to resolve field inquiries from contractors.		
03/17 – 09/17	Henrico County, VA Nuckols Road Turn Lane Improvements Henrico County, VA: As the task manager, Jeff led a team responsible for widening westbound Nuckols Road between Sadler Road/Lake Brook Drive. The improvements consisted of approximately 600 feet of new travel lane, creating a continuous auxiliary lane approaching the on-ramp to I-295 southbound, curb and gutter and other associate drainage improvements. The project had an accelerated schedule and was completed ahead of the County's deadline.		
02/18 – 08/18	Chesterfield County, VA Chippenham Parkway/Hopkins Road Improvement Feasibility Study Chesterfield County, VA: Jeff led a comprehensive feasibility study for potential multi-modal improvements at this existing tight diamond interchange. The location includes tightly spaced traffic signals, substandard pedestrian accommodations, and extensive crash history. The recommended improvements included a Diverging Diamond Interchange and relocation of a short segment of a nearby intersection street.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Brian Grandizio, PE, PTOE	Years of relevant experience with this employer	19
Title	Traffic Design	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS, 2006, Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 40794, MD, 6/16/2025 (plus others) Professional Traffic Operations Engineer: 3423, 4/3/2025	
Year registered	2011	Discipline	Civil
Contract role(s) / brief description of responsibilities. Traffic Design. Brian has led traffic design and analysis of WVDOH for over a decade including development of traffic design for six roundabouts in Inwood, West Virginia including extensive coordination with Traffic Engineering Division. Brian is experienced in all aspects of design and implementation for traffic signal, signing, MOT, pavement marking, ITS and lighting design. His roundabout experience includes dozens of signing, pavement marking, and lighting designs in West Virginia and Maryland. His traffic signal experience includes direct supervision of more than 500 traffic signal designs in West Virginia, Virginia, and Maryland. Brian has expertise and experience using the Manual on Uniform Traffic Control Devices (MUTCD), West Virginia Traffic Engineering Directives, WVDOH Sign Fabrication Book, WVDOH Standard Details and WVDOH specifications. His lighting design work includes development of lighting concepts and plans based on recommendations of the Illuminating Engineering Society (IES) and requirements set forth by the National Electric Code (NEC), National Electric Safety Code (NESC) and local utility companies.			
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).		
01/20 – Ongoing	Maryland State Highway Administration I-695, from I-70 to MD 43, Design Build Baltimore County, MD: Deputy design manager/transportation engineer. Responsible for deployment of TSMO strategy part-time shoulder use including extensive traffic engineering operations and design services, traffic engineering analysis, highway design and will assist with implementation/construction activities for this 20-mile TSMO project. Led traffic engineering studies; traffic analysis using VISSIM, Highway Capacity Software and Synchro/SimTraffic; corridor analysis; geometric survey and design for the PTSU lane; traffic engineering design for signing/marketing/lighting/ITS; cost estimating; and engineering report preparation. Developed crash analysis and safety studies to support design exceptions, capacity analysis and congestion mitigation, traffic signal timing optimizations within VISSIM model, lighting analysis, maintenance of traffic alternatives analysis (MOTAA) for construction of the project, computer modeling, geometric survey and design for elements for the PTSU lane, traffic control device inventory and design, work zone traffic control design, development of improvement concepts including comparison of various PTSU lane lengths, field investigations, CADD and drafting with MicroStation and ProjectWise. Brian developed public outreach materials using PowerPoint.		
12/17 – 12-2022	DC Department of Transportation IDIQ A/E Schedule Contract, Task: Traffic Signal Design Washington, DC: As the traffic signal design engineer on this contract, Brian is responsible for developing traffic signal plans, specifications and estimates for traffic signal, HAWK signal, RRFB devices and engineering for operational and safety improvements.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Andy Moy, PE	Years of relevant experience with this employer	14
Title	Traffic Design	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS, 2011, Civil & Environmental Engineering	
Active registration number / state / expiration date		Professional Engineer: 0402054435, VA, 12/31/2025 (plus others)	
Year registered	2015	Discipline	Civil
Contract role(s) / brief description of responsibilities. Traffic Design. Andy has experience in transportation infrastructure projects, including traffic analysis, traffic signal design and timing optimization, preparation of MOT/sequence of construction plans, ITS/ATMS planning and design, roadway lighting design, and construction management services. His design experience spans from planning-level design and analysis through final construction plans.			
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).		
04/21 - Ongoing	Arlington County, VA Multi-Modal Transportation Planning, Design and Project Management Services for Roads and Streets, Task: S. Glebe Road at S. Eads Street Arlington County, VA: Andy served as project manager for this task under an on-call contract to rebuild curb ramps in all quadrants of the intersection and add a new signalized crossing so that all four approaches have controlled crossings. This crossing is particularly useful as it is situated between a WMATA bus driver’s parking lot and a WMATA bus depot and, despite being unsignalized, has a high number of pedestrians utilizing it. The project will also replace an aging span-wire traffic signal with a current, County standard mast arm mounted traffic signal. Andy oversaw and was responsible for all elements of the design, including curb ramp design, traffic signal design, lighting analysis/design, signing and marking design, and drainage analysis/design. The project required coordination with all County agencies as well as VDOT, as the project takes place on a VDOT maintained road and the project required a VDOT Land-Use Permit. Andy oversaw coordination between the project and reviewers from all agencies to go from project initiation to ready to advertise plans within about 12 months.		
09/21 – 11/21	Tennessee Department of Transportation Engineering On-Call Contract (2020), Task: I-24 Intersection Upgrades Statewide, TN: As a traffic engineer, Andy developed a data collection back-end to expedite field activities by giving inspectors simplified checklists with pre-configured options and a means to track which intersections had already been visited. Data collection back-end was a combination of Survey123 and ArcGIS collector. The interface allowed multiple users to be concurrently submitting equipment surveys to further expedite field activities by having multiple teams working simultaneously. RK&K assisted TDOT on their I-24 smart corridor phase three project. As part of this larger initiative, RK&K was scoped with determining what intersection improvements were needed along the corridor parallel to I-24, SR-1.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Eric Almquist, AICP, SPWS, CSE	Years of relevant experience with this employer	20
Title	Environmental Support	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		MS/1998/Forestry; BA/1996/Government & Politics; BS/1996/Agricultural Sciences	
Active registration number / state / expiration date		<u>Senior Professional Wetland Scientist: 1553, 11/18/2025</u> <u>American Institute of Certified Planners: 020353</u> <u>Certified Senior Ecologist: 10/31/2027</u>	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Environmental Support. Eric brings management and technical experience in environmental planning, specializing in infrastructure projects throughout the mid-Atlantic. His specific areas of expertise include NEPA environmental documentation [Environmental Impact Statements (EIS), Environmental Assessments (EA), and Categorical Exclusions (CEs)], natural environmental technical studies, environmental policy, socioeconomic analyses, Section 4(f) Evaluations, Indirect and Cumulative Effects Analyses, and Section 106 consultation. He has served as project manager, or environmental task manager on more than 100 NEPA projects and as contract manager for several multimillion-dollar contracts for state and federal clients.			
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).		
06/15 – 12/17	Virginia Department of Transportation Statewide Environmental Documents & Related Services (2014), Task: Hampton Roads Crossing Study (HRCS) SEIS Hampton Roads, VA: Eric served as the consultant project manager/environmental manager of the SEIS for potential widening of 53-miles of I-64, I-664, I-564, and VA 164. The study alternatives include expansion of major water crossings at the 3.5-mile Hampton Roads Bridge-Tunnel, the 4.6-mile Monitor-Merrimac Bridge-Tunnel, and four miles of new water crossing of Hampton Roads. He was the consultant lead for developing the Draft Supplemental EIS and all environmental technical reports, including purpose and need, alternatives development, traffic and transportation, air quality, noise, socioeconomic, natural resources, indirect/cumulative effects, archeology, architectural history, and hazardous materials. Eric oversaw the study’s public involvement effort, including development of materials such as advertisements, press releases, display boards, and Power Point presentations for two Citizen Information Meetings and the Draft SEIS Public Hearing. Draft SEIS was completed in 13 months after the Notice of Intent; Currently developing the Final SEIS including alternatives refinements and response to public comments.		
09/15 – 09/16	District Department of Transportation Architecture/Engineering Services Schedule (DCKA-2013-T-0126), Task: Long Bridge Study Phase 2 Washington, DC: As the environmental task manager, Eric was responsible for overseeing pre-NEPA activities for improvements to this critical CSX railroad bridge over the Potomac River. He served as the primary author of the Regulatory Strategy Memo, which outlined the complex interaction among DDOT, FRA, VRE, NPS, USACE, and other state and federal agencies. He also served as the primary reviewer of the Project Coordination Plan, the Environmental Data Collection Report, the project Purpose and Need statement, and the EIS Notice of Intent.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Nick Monaco, PE	Years of relevant experience with this employer	10
Title	Electrical/ITS Support	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		MS, 2011, Civil Engineering; BS, 2010, Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 46850, MD, 6/9/2025 (plus others)	
Year registered	2015	Discipline	Civil
Contract role(s) / brief description of responsibilities. Electrical/ITS Support. Nick's experience includes developing and designing traffic facilities such as signalized intersections, corridor signing, ITS plans, and pedestrian and traffic lighting for clients throughout the Washington, DC metropolitan area. Projects range from small pedestrian lighting plans that enhance safety to large, corridor-wide ITS plans to convey information. Significant projects include leading the signing and pavement marking plans and lighting plans for the High Rise Bridge design build project in Chesapeake, Virginia as well as ITS and lighting for the I-66 Outside the Beltway design-build project in northern Virginia. He has thorough knowledge of the recommended criteria from Illuminating Engineering Society of North America (IESNA) and VDOT.			
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).		
05/20 – 05/20	Virginia Department of Transportation Transform I-66 Outside the Beltway Design-Build, Task: I-66 & Nutley Street Roundabout Interchange Design Vienna, VA: Nick played a key role in reviewing the existing ITS and lighting design plans, identifying issues, and coordinating with the design team to implement necessary corrections. Acting on behalf of the client, he spearheaded the redesign efforts for Field Design Changes (FDCs) to address field conditions that emerged after construction approval. Nick was the primary point of contact for all electrical, grounding, and lighting-related RFIs throughout the project. Additionally, he developed and maintained a comprehensive project-wide ITS and lighting quantity spreadsheet, which tracked the significant changes made during construction, ensuring accurate and up-to-date documentation.		
04/11 -05/12	Arlington County, VA Multimodal Planning, Design and Project Management Services, South Glebe Road Intersection Improvements Arlington County, VA: Nick developed the streetlighting design, which required photometric analysis using AGi32 software to determine pole placements to comply with County light level criteria. A photometric memo was developed for the County and lighting design plans were developed in coordination with the County and local utility company.		
01/10 – 05/13	Virginia Department of Transportation Traffic Engineering for Design of Traffic Control Devices and Traffic Engineering Studies Northern Region Operations, VA: Traffic Engineer. Developed signal plans, CCTV plans, sign structure plans, and pavement marking plans throughout the Northern Virginia (NOVA) District of VDOT from No-Plan Packages through Final Design with cost estimates. Plans were coordinated with geometric improvements and asphalt resurfacing projects. Five CCTV plans, three sign structure replacement plans, and over 20 miles of pavement marking plans were completed under this task.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	George Escojido, CCM	Years of relevant experience with this employer	18
Title	Construction Support	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		High School Graduate/1982	
Active registration number / state / expiration date		Certified Construction Manager, 3/30/2007	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Construction Support. George served as RK&K's construction project manager in North Carolina from 2011 to 2020 where he was responsible for recruiting, training, and retaining construction engineering and inspection (CEI) personnel providing CEI services to five NCDOT Divisions on a concurrent basis. During this time, George managed four consecutive three-year statewide CEI services contracts which required him to coordinate daily with multiple NCDOT division, resident, and district offices. George's recruiting and staff retention skills proved invaluable to NCDOT as he was able to deliver and maintain a staff that peaked over 155 CEI personnel to support NCDOT's robust construction program over a nine-year period. George's recent construction project management experience as the prime consultant for similar on-call contracts include interstates, interchanges, widening/reconstruction; bridge replacement; asphalt and concrete rehabilitation; and resurfacing projects.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "designed drainage," "designed girders," "designed intersection," etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/14 – 12/16	North Carolina Department of Transportation Construction Engineering and Inspection Services (2014), Statewide On-Call Services Statewide, NC: As contract manager, George was responsible for oversight and management of this on-call contract for two consecutive years. His responsibilities included project staffing, budget review, quality control reviews, as well as invoice and amendment request reviews for several tasks.		
12/15 – 09/16	North Carolina Department of Transportation NC 147/US 79US 29 from the Durham Freeway to US 70 - TIP: U-0071, Durham East End Connector – CEI Services Durham, NC: George provided subconsultant CEI services on the \$142 million construction of the Durham East End Connector project in Durham under contract to NCDOT Division 5.		
10/17 – 10/20	North Carolina Department of Transportation 2017 Statewide Construction Engineering & Inspection Services On-Call Contract (#7000018116) Statewide, NC: George was the contract manager responsible for oversight and management of this on-call contract for three consecutive years. The responsibilities include project staffing, budget review, quality control reviews, as well as invoice and amendment request reviews for several tasks.		
12/18 – 07/20	North Carolina Department of Transportation D7 CEI Services for TIP U-2525C, Greensboro Northern Loop from Lawndale Drive to US-29 (2018-2021) Statewide, NC: George was the contract manager in charge of the development and management of the RK&K Team responsible for providing construction engineering and inspection services for this \$160 million interstate project. His responsibilities included contract negotiations, project field office set-up, field equipment purchasing, staffing approvals, quality assurance review of project personnel and project records, invoicing and budget review, contract amendment negotiations, and project closeout.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Christopher Johnson, PMP, CVS	Years of relevant experience with this employer	0
Title	Value Engineering Support	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		BS/2005/ Business Administration	
Active registration number / state / expiration date		<u>Certified Project Management Professional: 2281821</u> <u>Certified Value Specialist: 202310040</u>	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Value Engineering Support. Christopher is a Project Management Professional (PMP) and Certified Value Specialist (CVS) with over a decade of industry experience. As a CVS, Christopher facilitates studies, authors detailed reports, provides technical editing, and teaches Value Methodology Fundamentals to aspiring CVSs. Christopher has participated in or facilitated over 25 value engineering studies for various agencies and municipalities across the United States. His experience includes working with Departments of Transportation in Florida, Kentucky, Texas, Arkansas, Washington, and South Carolina. Before establishing his own practice focused on facilitating value engineering studies and teaching value methodology, Christopher worked with as a value engineer and risk specialist. He also served as a technical project manager for the Texas Department of Transportation (TxDOT), overseeing several large, high-profile PS&E and schematic design projects. He also conceptualized and led the development of the Texas Emergency Response Application (TXERA). In addition to his project management expertise, Christopher contributed to the development of TxDOT's probabilistic risk-based estimating program for highway project cost and schedule management. He also has a patent pending for his innovative value engineering methodology, further demonstrating his ability to drive innovation. His diverse experience underscores his capacity to deliver results across a broad spectrum of engineering and management initiatives.			
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).		
2024	Teaching Value Methodology Fundamentals, Carteret County, NC: Christopher played a key role in developing course materials, teaching, and mentoring students for the Value Engineering methodology course at VMF Academy. He was responsible for creating comprehensive course materials and tools, ensuring they aligned with industry standards. Christopher also taught the course, providing instruction on the practical application of Value Engineering principles, and mentored students throughout the learning process. His contributions to course development, teaching, and student support were crucial in enhancing the learning experience and helping participants achieve certification.		
2024	Reconstruction of I-215, Salt Lake City, UT: Christopher facilitated the workshop and authored the technical report for a \$177 million project focused on the reconstruction of I-215, extending from SR-201 to North Temple (Mile Points 19.29 to 22.80). The primary objective was to enhance the lifespan of the roadway and bridges within this corridor. The Value Engineering (VE) team identified eight recommendations compared to the baseline concept, resulting in over \$23 million in project savings. Additionally, the team proposed strategies to improve the overall performance and resiliency of the project.		


Firm employed by		 Rummel, Klepper & Kahl, LLP	
Name	Brady McPherson, CERP	Years of relevant experience with this employer	1
Title	Permits Support	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		MS/2011/Biosystems Engineering Technology; BS/2009/Soil Science; BS/2009/Biology	
Active registration number / state / expiration date		Certified Ecological Restoration Practitioner: #0510, 12/31/2025	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Permits Support. Brady is an experienced stream restoration practitioner and Project Delivery Leader who routinely leads interdisciplinary teams of scientists, contractors, and engineers to deliver innovative and sustainable solutions for complex projects. During his career, Brady has managed the design delivery of over 150,000 feet of stream restoration. Brady also has various technical specialties beyond project delivery concentrated in land entitlement and protection; jurisdictional, geomorphic, and functional assessment; 401/404/NPDES/FEMA permitting and regulatory coordination; design, cost-estimate, and construction document development; and programmatic management. Brady has a unique ability to bring project proponents together, creating an inclusive environment that promotes creative problem-solving to achieve desired outcomes on time and within budget.			
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).		
03/24 - Ongoing	Maryland Transportation Authority Francis Scott Key Bridge Rebuild - Planning Baltimore, MD: Brady was responsible for developing the US Coast Guard Navigation Impact Report to gain Maryland Transportation Authority's preferred preliminary horizontal and vertical clearances. The report analyzed the potential impacts of existing and projected commercial marine traffic, sea rise, USACE dredge programs plans, and other pertinent waterway data. The report was delivered on time to maintain the bridge replacement compliance schedule as a prerequisite to the US Coast Guard Bridge Permit.		
04/24 -08/24	Tennessee Department of Transportation I-75 Interchange at I-24 Phase 2 Design-Build Statewide, TN: Brady was the environmental project manager responsible for leading 500 feet of stream mitigation assessment, design, and monitoring and for acquiring and maintaining compliance with all regulatory requirements. Brady served as the liaison between the team and the agencies. RK&K was the lead designer for this 4.8-mile interstate interchange, roadway, bridge design, and construction project that 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. Bridge components included H-pile footings and bents, along with concrete girders and interstate traffic coordination. 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.		


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Karla Weston, PE	Years of relevant experience with this employer	19
Title	Survey QA/QC	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS/1999/Civil Engineering	
Active registration number / state / expiration date		Professional Engineer: 31010, LA, 3/31/26	
Year registered	2004	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities. Survey. Karla's 25 years of experience with LADOTD and other municipal entities on transportation projects provides her the knowledge and ability to oversee the firms' role as a sub-consultant and ensure the work is completed to LADOTD standards.			
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).		
02/16 – 09/19	H.003047 Pecue Lane/I-10 Interchange Baton Rouge, LA: Karla served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the firm's design and coordinate with the prime consultant and government agencies.		
12/13 – 10/19	H.02960 Gramercy Bridge St. James Parish, LA: Karla served as Principal-in-Charge for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project.		
02/14 – 02/15	H.010620 I-49 Design Build Lafayette, LA: Karla provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.		
05/13 – 05/14	H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA: Karla served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design and coordination with prime consultant team.		
01/06 – 12/12	EBR City/Parish Project No. 06-CS-HC-0018 Fairchild-Badley Roadway, EBR Parish, LA: Karla served as Principal-in-Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter, and a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.		
03/12 – 07/12	H.009104.5 Sunshine Bridge Phase 2: Karla served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.		


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Madison Mills, PLS	Years of relevant experience with this employer	3
Title	Survey	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		BS/2016/Civil Engineering	
Active registration number / state / expiration date		Professional Land Surveyor: 5293, LA, 3/31/25	
Year registered	2022	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities. Survey. Madison 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 PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Madison is the Survey Project Manager on this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Madison is the Survey Project Manager on this project. Topographic Survey for just over eight miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 LA 685: Madison is the Survey Project Manager on this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 LA 14 Business: Madison was the Survey Project Manager on this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 I-20 UPPR: Madison was the Survey Project Manager on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
08/22 – 02/23	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3: Madison worked as a Survey PM this Louisiana Watershed Initiative project. He was responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C was a sub-consultant on this project.		
01/22 – 11/22	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2: Madison worked as a Survey PM on this Louisiana Watershed Initiative project. He was responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C was a sub-consultant on this project.		


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Bryan Bergeron	Years of relevant experience with this employer	1
Title	Survey	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BS/2022/Civil Engineering	
Active registration number / state / expiration date		ATSSA Flagger/ATSAA Traffic Control Supervisor	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities. Survey. Bryan serves as a Survey Technician and will help manage field crews, process field crew data and finalize deliverables.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Bryan was the Survey Technician for this project. 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. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 LA 14 Business: Bryan was the Survey Technician for this project. 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. He has helped manage crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 LA 685: Bryan was the Survey Technician for this project. 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. He has helped manage crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 - 08/23	H.012914 LA 3073 – Ambassador @ Verot-Bonin: Bryan was the Survey Technician for this project. Bryan is the Survey Technician for this project. Topographic Survey for just over 4,000 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.		
08/23 – 12/23	H.015496 Sauvage Avenue and Caddy Drive Bridges: Bryan was the Survey Technician for this project. Topographic Survey for just over 2160 feet of roadway. Traditional means and methods were used to collect topographic data for this bridge improvement projects. He has helped survey in the field, managed crews, processed field data, created punch-lists, and helped complete the final deliverables to the client. Project was completed to LADOTD Location and Survey Standards and practices.		


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Chancey Cothren	Years of relevant experience with this employer	1
Title	Survey	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		BS/2023/Geomatics	
Active registration number / state / expiration date		Land Survey Intern: 776, LA, 3/31/06	
Year registered	2023	Discipline	Land Surveying Intern
Contract role(s) / brief description of responsibilities. Survey. Chancey is a Land Surveying Intern. He will help manage field crews, process field crew data, and finalize deliverables.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
6/23 – 8/23	LA-22: Chancey was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.		
8/23 – 10/23	I-10 / LA-44: Chancey was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.		
11/23 – 12/23	Gause Blvd / EI-10 Service Road: Chancey was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Station. Project was completed to LADOTD Location and Survey Standards and practices.		
8/22 – 9/22	USACE: Mississippi river hydrographic survey: Chancey was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.		
8/23 – 8/23	USACE: Mississippi river revetment restoration: Chancey was on the survey crew that performed the surveys needed to locate how much dirt needed to be removed when shaping the levee for the placement of the new revetments. This Project was completed to Louisiana Survey Standards and practices.		


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Bradley Jacobs, EI	Years of relevant experience with this employer	2
Title	Survey	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS/2015/Civil Engineering	
Active registration number / state / expiration date		Engineer-in-Training: 32456, LA, 9/30/25	
Year registered	2015	Discipline	Engineering Intern
Contract role(s) / brief description of responsibilities. Survey. Bradley serves as a Survey Technician and will process field crew data and finalize deliverables.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Bradley was the Survey Technician for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Bradley was the Survey Technician for this project. Topographic Survey for just over eight miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices		
05/23 – 08/23	H.015056 LA 685: Bradley was the Survey Technician for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 LA 14 Business: Bradley was the Survey Technician for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 I-20 UPRR: Bradley was the Survey Technician for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
08/22 – Ongoing	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3: Bradley is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.		
01/22 – 11/22	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2: Bradley was working as a Survey Technician this Louisiana Watershed Initiative project. He was responsible for processing field data and creating punch-lists for field crews. CD&C was a sub-consultant on this project.		


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Scott Benton	Years of relevant experience with this employer	6.5
Title	Survey	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA Traffic Control Supervisor: Technician & Flagger	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Survey. Scott serves as a Survey Project Manager and Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Scott was the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 LA 685: Scott was the 3D Scanning Technician on this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 LA 14 Business: Scott was the 3D Scanning Technician on this project 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. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 I-20 UPPR: Scott was the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
10/20 – 01/21	H014302 US 165 Lighting Monroe, LA: Scott served as the firm’s lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.		
12/19 – 01/2020	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12 West and East Baton Rouge, LA: Scott served as a 3D Scanning Technician for this project. CD&C, as a sub-consultant on this project, was 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.		


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Trent Norris	Years of relevant experience with this employer	10
Title	Survey	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level I Boundary: Certificate No. 0418-5963 ATSSA Traffic Control Supervisor: Technician & Flagger	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Survey. Trent serves as the firm's 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Trent was the 3D Scanning Technician on this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 LA 685: Trent was the 3D Scanning Technician on this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 LA 14 Business: Trent was the 3D Scanning Technician on this project 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. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 I-20 UPRR: Trent was the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
10/20 – 01/21	H014302 US 165 Lighting Monroe, LA: Trent served as the lead Survey Technician on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.		
01/18 – 01/20	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12 West and East Baton Rouge, LA: Trent was the #3D Scanning Technician for this project. CD&C, as a sub-consultant on this project, was 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.		


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Philip Dupree	Years of relevant experience with this employer	11
Title	Survey	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		<u>NSPS Certified Survey Technician, Level III, Boundary: Cert. No. 0799-1106 Nationwide</u> <u>ATSSA Certified as Registered Flagger</u> <u>ATSSA Certified Traffic Control Tech & Traffic Control Supervisor</u>	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Survey. Philip is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Philip was the Senior Party Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Philip was the Senior Party Chief for this project. Topographic Survey for just over eight miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 LA 685: Philip was the Senior Party Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices		
05/23 – 08/23	H.015058 LA 14 Business: Philip was the Senior Party Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 I-20 UPPR: Philip was the Senior Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
07/20 – 04/21	H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge East Baton Rouge Parish: Philip was the Senior Party Chief & Field Coordinator for this project. CD&C, as a sub-consultant on this project, was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.		


Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Jacob Stoehr	Years of relevant experience with this employer	8.5
Title	Survey	Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA Traffic Control Technician, Flagger	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Survey. Jacob will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/23 – 12/23	H.012027 I 20: Union Pacific RR Overpass: Jacob served as a Party Chief on this project. CD&C, as a sub-consultant on this project, was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.		
09/21 – 03/22	H.014747 Southern University Ravine Protection East Baton Rouge Parish: Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
07/20 – 04/21	H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge East Baton Rouge Parish: Jacob was a Party Chief on this project. CD&C, as a sub-consultant on this project, was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.		
01/18 – 01/20	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12 West and East Baton Rouge, LA: Jacob is the Survey Party Chief for this project. CD&C, as a sub-consultant on this project, was responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.		
07/17 – 12/18	H.010960.5-2 LA 30 Roundabouts at Tanger I-10 Ascension Parish, LA: Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/16 – 01/18	H.011235 I-49 Verot School Road Lafayette, LA: Jacob served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
02/19 – 09/19	Bridge Replacements in East Feliciana Parish Rural East Feliciana Parish, LA: Jacob served as a Jr. Party Chief on this project for East Feliciana Parish Police Jury. It includes the replacement of two bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects were funded through FEMA and all documentation was required to be in accordance with FEMA’s policies and procedures.		
7/17 – 12/18	H.003184.5 I-10 Texas State Line East of Coone Gully: Jacob served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		

Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Drennon Humphreys	Years of relevant experience with this employer	3
Title	Survey	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA Flagger, ATSSA Traffic Control Supervisor	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Survey. Drennon will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Drennon served as a Party Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Drennon served as a Party Chief for this project. Topographic Survey for just over eight miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 LA 685: Drennon served as a Party Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 LA 14 Business: Drennon served as a Party Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 I-20 UPPR: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
08/22 – Ongoing	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3: Drennon is working as a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
01/21 – 06/21	H.013959 Reeds Bridge Rd. Calcasieu River Relief Allen Parish, LA: Drennon served as an Instrument Man for this project. CD&C was a sub-consultant on this project and was responsible for topographic and ROW surveying for this rural bridge replacement project.		

Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Alex Wells	Years of relevant experience with this employer	4
Title	Survey	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA Flagger, ATSSA Traffic Control Supervisor	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Survey. Alex joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Alex served as a Party Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Alex served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 LA 14 Business: Alex served as a Party Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 I-20 UPPR: Alex served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
09/21 – 03/22	H.014747 Southern University Ravine Protection East Baton Rouge Parish: Alex served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/21 – Ongoing	H.011833.5 St. Mary Street Sidewalks Scott, LA: Alex served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
09/22 – 01/23	BRMA Northwest Aviation Development: Alex served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
07/20 – 10/21	H.013989 Greybow Rd. Palmetto Creek: Alex worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		

Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Hunter Smith	Years of relevant experience with this employer	2
Title	Survey	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		ATSSA Flagger, ATSSA Traffic Control Supervisor	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Survey. Hunter joined CD&C in 2022 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
12/23 – 05/23	H.012618 LA 347 Drainage Improvements: Hunter served as an Instrument Man for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Hunter served as an Instrument Man for this project. Topographic Survey for just over eight miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 LA 685: Hunter served as an Instrument Man for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 LA 14 Business: Hunter served as an Instrument Man for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
09/21 – 03/22	H.014747 Southern University Ravine Protection East Baton Rouge Parish: Hunter served as an Instrument Man for this project. He helped in collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/22 – Ongoing	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3: Hunter served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
01/22-11/22	4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2: Hunter served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
02/23 – 12/23	H.012027.5 I-20 UPPR: Hunter served as an Instrument Man for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		

Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Clarence Goodspeed	Years of relevant experience with this employer	2
Title	Survey	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Survey. Clarence has 30 years of experience in underground utilities. He has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department.			
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).		
03/23 – Ongoing	MSY Campus Wide Sewer Location: Clarence serves as the firm’s SUE PM for the project. CD&C is performing a combination 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 forcemains 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: Clarence served as SUE Manager for the firm’s SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation and all SUE reports and data.		
04/24 – 05/24	BRMA FAA Boring: Clarence served as SUE Manager for the firm’s SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over four acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.		
03/24 – Ongoing	MSY East Apron Expansion: Clarence served as SUE Manager for the firm’s SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over seven acres. CD&C’s SUE crews marked underground utilities which were picked up by their 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.		
03/24 – 05/24	MSY Employee Parking: Clarence served as SUE Manager for the firm’s SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 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 included topographic survey, as well as SUE reports, data, and plans.		
02/24 – 05/24	BRMA Radar Decomp: Clarence served as SUE Manager for the firm’s SUE work on this project. This project included SUE QL- B utility information and topographic survey for over two 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 included topographic survey, as well as SUE reports, data, and plans.		

Firm employed by		 Civil Design & Construction, Inc. (CD&C)	
Name	Tracey Smith	Years of relevant experience with this employer	2
Title	Survey	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	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities. Survey. Tracey has more than 24 years of experience in underground utilities. He has worked in the gas field for three 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 years of experience specified in the applicable MPR(s).		
05/23 – 08/23	H.015056 LA 685: Tracey served as the SUE Field Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 - LA 14 Business: Tracey served as the SUE Field Chief for this project. 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. Project was completed to LADOTD Location and Survey Standards and practices.		
03/23 – Ongoing	MSY Campus Wide Sewer Location: Tracey serves as the SUE field chief for the project. CD&C is performing a combination 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 forcemains 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: Tracey served as the SUE Field Chief for the firm’s SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation and all SUE reports and data.		
04/24 – 05/24	BRMA FAA Boring: Tracey served as the SUE Field Chief for the firm’s SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over four acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.		
03/24 – Ongoing	MSY East Apron Expansion: Tracey serves as the SUE Field Chief for the firm’s SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over seven 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.		

17. Firm Experience:

Firm name	Rummel, Klepper & Kahl, LLP (RK&K)	Discipline(s)*	Road, Traffic, Bridge, Environmental		
Project name	Roadway Design Services 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; (601) 359-7258; 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

Firm name	Rummel, Klepper & Kahl, LLP (RK&K)	Discipline(s)*	Road, Traffic, Bridge, Environmental, ITS	
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; (601) 359-1450; 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 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: Amanda Barrett, Richard Barrett, Shreyas Bharadwaj, Stuart Samberg

Firm name	Rummel, Klepper & Kahl, LLP (RK&K)	Discipline(s)*	Road, Traffic, Bridge, Environmental	
Project name	CAP01 D1 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; (863) 519.2362; amy.blair@dot.state.fl.us			
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 Boulevard to North 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 Resurfacing from North 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.

SR 865 North of Hurricane Bridge to South of Summerlin Road, Lee County: This Pavement Only Project (POP) task assigned under a Resurfacing Continuing Services Contract involves milling and resurfacing 1.9 miles of SR 865 in Fort Myers. The existing roadway mainline, shoulders, turn lanes, intersection openings, sidestreets, and driveways will be milled and resurfaced. The scope also includes signing and pavement marking upgrades, as well replacement of loops at all signalized intersections as needed.

US 17/SR 35 from SW Flanders Streer to SW Fletcher Street, DeSoto County: RK&K has prepared design and plans along US 17 to mill and resurface the existing roadway mainline, turn lanes, median openings, side streets and driveways. This project also included drainage improvements to eliminate flooding of the roadway during heavy rain events and hurricane events.

Key Personnel: Joe Baan, Jason Lyle, Stuart Samberg

Firm name	Rummel, Klepper & Kahl, LLP (RK&K)	Discipline(s)*	Road, Traffic, Bridge, Environmental, ITS	
Project name	SCDOT Traffic Safety On-Call		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	Shawn Salley
Owner's address, phone, email	955 Park Street, Columbia, SC 29202; (803) 737-1949; salleyse@scdot.org			
Services commenced by this firm (mm/yy)	11/19	Total consultant contract cost (\$1,000's)		\$269
Services completed by this firm (mm/yy)	11/24	Cost of consultant services provided by this firm (\$1,000's)		\$195

RK&K provided on-call traffic safety engineering services for the analysis and design of statewide safety projects in South Carolina. These services included alternative intersection analyses and recommendations; safety/traffic engineering studies and recommendations; preparation of crash diagrams; identification of conceptual safety strategies; road safety assessments and recommendations; non-motorized safety assessments and recommendations; route surveys; subsurface utility engineering; conceptual, preliminary, right-of-way, and final roadway plans and specifications; geotechnical analysis/design; construction support for design related issues; utility coordination; hydraulic design and hydrologic studies; stormwater management; sediment and erosion control design; environmental documentation and permitting; public involvement; and community relations. Representative tasks included:

Isle of Palms Connector Bridge: This comprehensive study evaluated the existing bike/ped conditions on the Isle of Palms (IOP) Connector, including intersection safety. RK&K's analysis focused on SC 517 (IOP Connector) from S-51 (Rifle Range Road) to SC 703 (Palm Boulevard), as well as the intersection of SC 517, SC 703, and S-497 (14th Avenue). Based on field investigations, data collection, and safety, configuration, and traffic analyses, RK&K developed multiple alternatives to improve bike/ped access and safety.

S-169 (Von Ohsen Road) at S-881 (Lincolnvile Road): RK&K completed a traffic operations and safety analysis for this intersection, evaluating seven intersection concepts, including a roundabout, RCUT, and traditional signal.

Corridor Safety Project for US 17A (North Main Street): This task involved completing a traffic operations and safety analysis for a 3.25-mile access management project along US 17A. The undivided corridor had high crash rates, primarily due to angle crashes. The corridor was expected to experience substantial growth over the next 25 years, with projected annual growth rates approaching 3.5%, based on the regional travel demand model. The preferred alternative was selected based on the highest benefit-cost ratio in terms of safety and operational enhancements relative to overall cost. The recommended improvements included the installation of a median and the creation of unsignalized RCUTs.

SC 9 (Jonesville Lockhart Highway) at SC 114 (Bob Little Road) Intersection Improvements: To improve these geometrically and operationally deficient intersections, RK&K provided a traffic analysis and report and developing conceptual alternatives for improvements. This is a high-speed road with stop control along the side street approach. Based on improved safety, improved operations, and the benefit-cost ratio, RK&K recommended a roundabout to carry forward into design.

Key Personnel: Shreyas Bharadwaj, Chris Jordan, Justin Lyles, Stuart Samberg

Firm name	Rummel, Klepper & Kahl, LLP (RK&K)	Discipline(s)*	Road, Traffic, Bridge, Environmental, ITS	
Project name	GDOT Operational Improvements		Firm responsibility (prime or sub?)	Subconsultant
Project number	N/A	Owner's name	Georgia Department of Transportation	
Project location	DeKalb, Clayton & Rockdale Counties, GA		Owner's Project Manager	Landon Perry
Owner's address, phone, email	One Georgia Center, Atlanta, GA 30308; (404) 635-2803; laperry@dot.ga.gov			
Services commenced by this firm (mm/yy)	8/18	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)	6/22	Cost of consultant services provided by this firm (\$1,000's)		\$550

RK&K provided traffic, roadway design, environmental, geotechnical, land surveying, lighting, structural, SUE, and project management services for GDOT, through the Regional Operational Improvements On-Call Contract. Representative tasks included:

I-20 at SR 42 IMR: RK&K performed traffic analysis (VISSIM) including the development of a calibrated microsimulation model and evaluating existing and future year no-build conditions. Based on the results from the existing conditions, multiple interchange concepts were developed and evaluated. RK&K also performed a safety evaluation of the subject interchange utilizing crash data from the Georgia Electronic Accident Reporting System database. The results from the analyses were incorporated into an Interchange Modification Report for FHWA.

SR 10 / US 29 at Epps Bridge Road: RK&K developed growth rates to estimate future year traffic volumes and performed an analysis in Synchro to evaluate existing and future conditions. The analysis led to the development of multiple improvement concepts and the resulting costs for each concept. A benefit-cost analysis was performed, and the results revealed that the proposed improvement would not provide the expected return on investment.

SR 138 at I-675 SB Ramp: RK&K developed the synopsis package for this interchange, including traffic growth projections and operational analysis to evaluate the interchange ramp terminals. The proposed improvements included recommendations for three small projects (each with a construction cost under \$200K) as well as long-term improvement options. RK&K performed traffic analysis, crash analysis, concept development, cost estimation, bid package preparation, benefit-cost analysis, and an Intersection Control Evaluation.

SR 204 at Harry Truman Pkwy: RK&K performed a traffic operational analysis to evaluate the SR 204 intersection at Harry Truman Parkway. As part of this assignment, RK&K developed growth rates to estimate future year traffic volumes and performed an analysis in Synchro to evaluate existing and future conditions. The analysis led to the development of multiple improvement concepts and the resulting costs for each concept. A benefit-cost analysis was performed, and the results revealed that the proposed improvement was not expected to provide the expected return on investment.

SR 3 at Flint River Road: RK&K provided transportation design and environmental services for this intersection improvement project. Design improvements included roadway, drainage, AutoTURN, signal design, pavement markings, driveway tie-ins, and sidewalk improvements. RK&K assisted in preparing the Environmental State-Funded No Studies Letter for GDOT. The proposed improvements included additional turn lanes, curb widening, and signal modifications.

Key Personnel: Richard Barrett, Shreyas Bharadwaj, Chris Jordan, Justin Lyles, Stuart Samberg

Firm name	Civil Design & Construction, Inc. (CD&C)	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)	On-Going	Cost of consultant services provided by this firm (\$1,000's)	\$435

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. Additionally, 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 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 met with safety advisors for the industrial businesses 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.

Key Personnel: Christopher Ballard

Firm name	Civil Design & Construction, Inc. (CD&C)	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, PE, PTOE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.242.4640; joshua.harrouch@la.gov		
Services commenced by this firm (mm/yy)	1/16	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	8/16	Cost of consultant services provided by this firm (\$1,000's)	\$207

CD&C provided complete topographic survey and drainage map for this project, including all utility coordination of US 190 in Covington. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston Street 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.

Key Personnel: Christopher Ballard

Firm name	Civil Design & Construction, Inc. (CD&C)	Discipline(s)*	Survey
Project name	I-20 Union Pacific Railroad Overpass	Firm responsibility (prime or sub?)	Sub
Project number	H.012027.5	Owner's name	LADOTD
Project location	Shreveport, LA	Owner's Project Manager	Thomas Gattle, PE (Huval & Associates)
Owner's address, phone, email	922 W. Point Des Mouton Road, Lafayette, LA 70507; 337.234.3798; tgattle@huvalassoc.com		
Services commenced by this firm (mm/yy)	1/23	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	12/23	Cost of consultant services provided by this firm (\$1,000's)	\$281



CD&C performed a full topographic beginning and ending 5,000 feet beyond either end of the approach slab of the I-20 eastbound and westbound bridge structure. Terrestrial laser scanning was used on all hard surface areas such as parking lots, roadway and bridge structures, and Union Pacific Railroad rails. The survey total distance was 2.03 miles with a width of approximately 350 feet. This included one mile along Highway 79 with a width of 300 feet. CD&C also completed a topographic along this route. The survey utilized 3D terrestrial scanning of all hard surfaces and traditional methods for all other features. The final submittal was in accordance with latest LADOTD Location and Survey standards.

Key Personnel: Christopher Ballard

18. Approach and Methodology:

PROJECT UNDERSTANDING

RK&K understands the goal for this is to select a team to work as an extension of DOTD's Road Design Section's engineering staff on the design and preparation of preliminary and final roadway plans, as well as provide pre-bid and construction support. 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. We understand it will be critical to deliver projects within budget and tight schedules.

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.

Contract Management IDIQ Roadway Design Services Contract Award: Within 10 days of award notification, RK&K will provide the DOTD Project Manager with our teams' QA/QC Plan. The QA/QC Plan will include the design team key personnel and their responsibilities, procedures for the design work, establishing the manuals and guidelines that will be followed during project implementation, and a checklist submitted with each milestone.

Additionally, Stuart Samberg will provide a list of all job classifications for RK&K and CD&C for DOTD development of "Specific Rates of Compensation" list that will be used for the duration of the IDIQ. Task Order compensation type will be determined per specific project. Compensation could be either lump sum, specific rates, or not to exceed, and could either be negotiated or non-negotiated task orders.

Development of Task Order Scope: Initial project scope will be provided by DOTD PM. RK&K will review the scope and limits of work to determine if adequate scope of work is provided, or if there should be recommendations of adjustment of scope. Our team will:

- Establish a scope with the DOTD Project Manager for the Task Order
- Develop a work hour proposal, identifying specific positions and anticipated hours to perform the scope, and all direct expenses

anticipated. For non-negotiated manhours, team will verify that hours provided by DOTD are reasonable and attainable for task order success.

- Break down scope and fee by prime and subconsultant labor and direct expenses, as required by DOTD Construction Contract Services (CCS).
- DOTD will provide a copy of the Notice of Task Order Execution (NOTOE) for review prior to requiring signature and insurance documentation.
- DOTD PM will setup task order folder on ProjectWise to begin exchange of existing data and coordination with DOTD

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 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%

- Title Sheet, Preliminary Typical Section with Traffic Data
- Plan and profiles with existing topography
- Utility and Railroad (if applicable) Review

60%

- 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%

- Geometric and Hydraulic comments addressed
- Preliminary Sequence of Construction
- Preliminary ROW and 60% base ROW maps for joint plan review
- Summary of estimated quantities with pay items only

100%

- Plan-In-Hand comments addressed
- Final Right-of-Way line
- Permit sketches
- Preliminary cost estimate
- Final Design Report

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 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 LADOTD. 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.

60%

- 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%

- 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%

- Advance check prints comments addressed
- Final cost estimate
- Plan submitted to Contracts & Specs
- Special Provisions

100%

- Final Plans, Specifications & Estimate
- All Final Documentation uploaded to ProjectWise

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 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 seven calendar days.

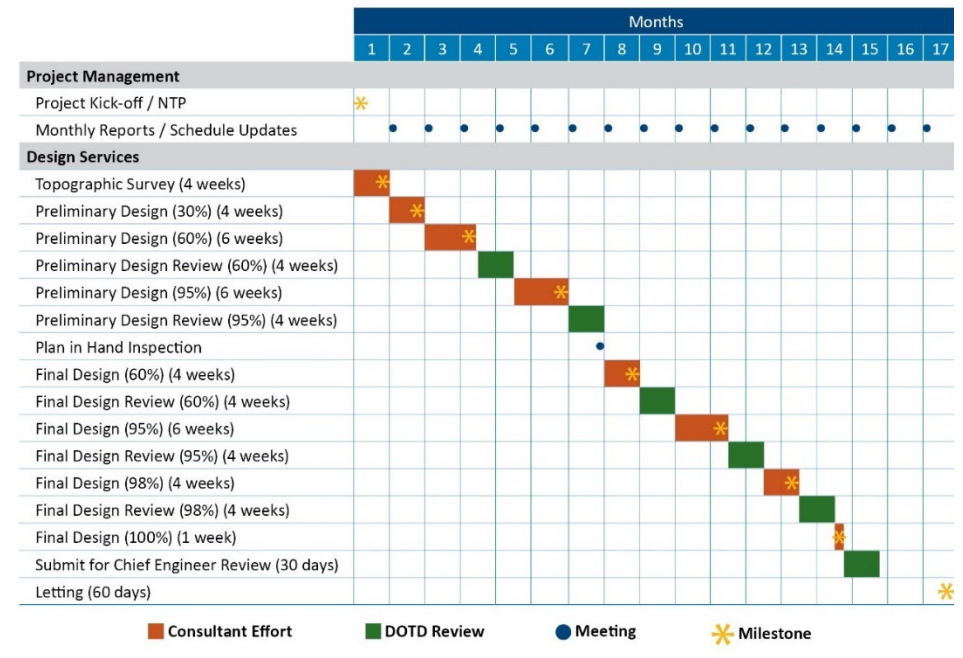
QUALITY PROGRAM

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. In addition, a project-specific QA/QC program will support the efforts of the team members assigned to this contract. Serving as a subconsultant under this contract, CD&C will be subject to the same quality procedures.

DEMONSTRATED ABILITY TO MEET SCHEDULES

RK&K's reputation has been built on a foundation of successful, long-term relationships with repeat clients. 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:

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

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

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually. List only the portion of the fees attributable to firms on the team.

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Rummel, Klepper & Kahl, LLP	N/A	N/A	N/A	N/A
Civil Design & Construction, Inc.	Survey	4400027093/H.015949	LA 335	\$20,018
Civil Design & Construction, Inc.	Survey	4400023689/H.013622.5	LSRP Ardenwood Dr	\$73,100
Civil Design & Construction, Inc.	Survey	4400027093/H.015847.5	US90: LA668 - LA318	\$147,956
Civil Design & Construction, Inc.	Survey	4400027093/H.014824.5	US90: 1.6MI S LA317 - 1.2 MI N Wax Lake B	\$130,255

20. Certifications/Licenses:

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

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

Previous Names
 Business: RUMMEL, KLEPPER & KAHL, LLP
 Charter Number: 43094802Y
 Registration Date: 9/29/2018

Domicile Address
 CT CORPORATION SYSTEM
 3887 PLAZA TOWER DR.
 BATON ROUGE, LA 70816

Mailing Address
 CT CORPORATION SYSTEM
 3887 PLAZA TOWER DR.
 BATON ROUGE, LA 70816

Status
 Status: Active
 Registered: 9/29/2018
 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. KEITH SKINNER, PE
 Title: Partner
 Address 1: 8601 SIX FORKS RD.
 Address 2: FORUM 1, SUITE 700
 City, State, Zip: RALEIGH, NC 27815

Officer: PETER PATRONE
 Title: Partner
 Address 1: 700 EAST PRATT STREET
 Address 2: SUITE 500
 City, State, Zip: BALTIMORE, MD 21202

Amendments on File (6)

Description	Date
Renewal	9/24/2019
Renewal	9/22/2020
Renewal	7/7/2021
Renewal	9/23/2022
Renewal	9/22/2023
Renewal	9/18/2024

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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#	Charter 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

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Congratulations!

Shreyas Bharadwaj

You have completed

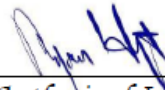
Traffic Engineering Analysis Process & Report Class Modules 1, 2 & 3

Date: February 1-2, 2023

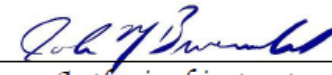
Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 8.50



Authorized Instructor



Authorized instructor



21. QA/QC Plan:

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.**

Not required at this time.

22. Sub-consultant information:

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

Firm Name (Name must match <u>exactly</u> as registered with Louisiana's Secretary of State (SOS): <u>including punctuation, include screenshot(s) from SOS at the end of Section 20</u>)	Address	Point of Contact and email address	Phone Number
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE, President kweston@cdcbr.com	225.765.1802

23. Location:

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

N/A



Rummel, Klepper & Kahl, LLP

9050 N. Capital of Texas Highway, Suite 200
Austin, TX 78759

Contact:

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ssamberg@rkk.com // 919.369.0924