

Qualifications for  
**Intelligent Transportation System (ITS)  
Operations and Support, Statewide**

Atkins North America, Inc. • RFQ-484-120315 • December 3, 2015



## A. Administrative Requirements

### 1. Basic company information

#### A. COMPANY NAME

Atkins North America, Inc.

#### B. COMPANY HEADQUARTERS ADDRESS

4030 West Boy Scout Boulevard  
Suite 700  
Tampa, Florida 33607  
813.282.7275 phone  
813.282.9767 fax

#### C. CONTACT INFORMATION

Andy Phlegar, PE  
1600 RiverEdge Parkway, NW  
Suite 600  
Atlanta, Georgia 30328  
770.933.0280 phone  
770.933.1920 fax  
andy.phlegar@atkinsglobal.com

#### D. COMPANY WEBSITE

www.atkinsglobal.com/northamerica

#### E. GEORGIA ADDRESSES

##### Primary

1600 RiverEdge Parkway, NW, Suite 600  
Atlanta, Georgia 30328

##### Additional

192 Anderson Street, Suite 150  
Marietta, Georgia 30060

835 Shackelford Court, Suite 140  
Norcross, Georgia 30093

#### F. STAFF

##### 224 (full service)

Atlanta:

- TMC Operations–49
- ITS/Traffic–8
- Transportation Planning–7
- Roadway–22
- Structural–6
- Environmental–8
- Other–96

Marietta:

- Civil–1
- CM/CEI–16
- Environmental–3
- Public Involvement–1
- Other–6

Norcross:

- Transportation Planning–1

#### G. OWNERSHIP

- Florida (incorporated February 29, 1960)
- 55 years in the United States – in Georgia since 1973
- Corporation, publicly traded

### 2. Certification form

Please see attachments.

### 3. Georgia Security and Immigration Compliance Act Affidavit

Please see attachment.

### 4. Addenda

Please see attachments.



RFQ-484-120315, ITS Operations and Support Services, Statewide

**EXHIBIT II  
CERTIFICATION FORM**

I, Marcus Wittich, PMP, being duly sworn, state that I am Vice President (title) of Atkins North America, Inc. (firm) and hereby duly certify that I have read and understand the information presented in the attached proposal and any enclosure and exhibits thereto.

**Initial each box below indicating certification.** The person initialing must be the same person who signs the Certification Form. (If unable to initial any box for any reason, place an "X" in the applicable box and attach a statement explaining the non-certification. The Department will review and make a determination as to whether or not the firm shall be considered further or disqualified).

I further certify that to the best of my knowledge the information given in response to the Request for Qualifications is full, complete and truthful.

I further certify that the submitting firm and any principal employee of the submitting firm has not, in the immediately preceding five (5) years, been convicted of any crime of moral turpitude or any felony offense, nor has had their professional license suspended, revoked or been subjected to disciplinary proceedings, nor is any team members/principals currently under indictment for any reason related to actions on public infrastructure projects.

I further certify that I understand that Firms included on the current Federal list of firms suspended or debarred are not eligible for selection and that the submitting firm has not, in the immediately preceding five (5) years, been suspended or debarred from contracting with any federal, state or local government agency, and further, that the submitting firm is not now under consideration for suspension or debarment from any such agency.

I further certify that the submitting firm has not in the immediately preceding five (5) years been defaulted in any federal, state or local government agency contract and further, that the submitting firm is not now under any notice of intent to default on any such contract, nor has been removed from a contract or failed to complete a contract as assigned due to cause or default.

I further certify that the firm or any affiliate(s) has not been involved in any arbitration, litigation, mediation, dispute review board or other dispute resolution proceeding with a client, business partner, or government agency in the last five years involving an amount in excess of \$500,000 related to performance on public infrastructure projects.

I further certify that there are not any pending regulatory inquiries that could impact our ability to provide services if we are the selected consultant.

I further certify that there are no possible conflicts of interest created by our consideration in the selection process or by our involvement in the project.

I further certify that the submitting firm's annual average revenue for the past five (5) years is sufficient to allow the services to be delivered effectively by our firm and that there are no trends in the revenue which may be concerning other than normal market fluctuations.

I further certify that in regards to Audit and Accounting System Requirements, that the submitting firm:

- I. Has an accounting system in place to meet requirements of 48 CFR Part 31 and, in the case of non-profit organizations, OMB Circular A-122.
- II. Has submitted its yearly Certified Public Accountant overhead audit if it currently has an aggregate contract amount exceeding \$250,000.
- III. Has no significant outstanding deficient audit findings from previous contracts with GDOT that have not been resolved.
- IV. Is responsible for being reasonably assured that all sub-consultant(s) presented as a part of the proposed team are similarly in compliance with the above requirements.

I acknowledge, agree and authorize, and certify that the proposer acknowledges, agrees and authorizes, that GDOT may, by means that either deems appropriate, determine the accuracy and truth of the information provided by the proposer and that the GDOT may contact any individual or entity named in the Statement of Qualifications for the purpose of verifying the information supplied therein.

I acknowledge and agree that all of the information contained in the Statement of Qualifications is submitted for the express purpose of inducing the GDOT to award a contract.

*A material false statement or omission made in conjunction with this proposal is sufficient cause for suspension or debarment from further contracts, or denial or rescission of any contract entered into based upon this proposal thereby precluding the firm from doing business with, or performing work for, the State of Georgia. In addition, such false statement or omission may subject the person and entity making the proposal to criminal prosecution under the laws of the State of Georgia of the United States, including but not limited to O.C.G.A. §16-10-20, 18 U.S.C. §§1001 or 1341.*

Sworn and subscribed before me

This 16<sup>th</sup> day of August, 2017

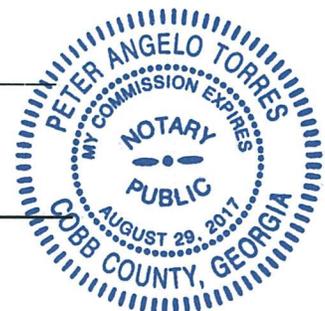
[Signature]  
NOTARY PUBLIC

My Commission Expires: August 29, 2017

[Signature]

Signature

NOTARY SEAL



## Information regarding litigation, conflicts of interest, and financial stability

### Statement

Typical to our profession, Atkins has been involved in claims and suits during the past 5 years. The majority of these cases have been by third parties against multiple defendants with Atkins being one of those named. Several suits were counterclaims where Atkins has initiated actions to collect fees. None of these suits, if decided against Atkins, would impair our ability to meet financial obligations. To discuss any companywide legal matters, please contact our general counsel, C. Ernest Edgar, at 813.282.7275. A table showing litigation within the past 5 years involving an amount in excess of \$500,000 related to performance on infrastructure projects for Atkins is included on the following page.



Claim Category	File Name	Date Opened	Date Closed	Litigated	Litigated Date	Note	Current Status	Case/Court Name	Comments
PROF	AFCO CONSTRUCTORS, INC. vs. POST, BUCKLEY, SCHUH & JERNIGAN, INC. R. C. T. ENGINEERING, INC., et al	8/1/2008	11/8/2010	YES	23-Jul-08	Final Order Approving Stipulation for Settlement and Dismissing Action with Prejudice entered 8/4/2010	Closed	In the Circuit Court of the 15th Judicial Circuit in And For Palm Beach County, Florida Case No.: 2008-CA-18997 AB FBN: 360708	Contractor alleges design errors which contributed to delays and change orders.
PROF	CDM Smith, Inc. vs. Atkins North America, Inc. (Seacoast Utility Authority)	9/30/10	4/13/2013	YES	23-Apr-12	CDM and Atkins dispute amount of change order for redesign of degasifier building at Hood Road Water Treatment Plant	Closed	CDM Smith, Inc. vs. Atkins North America, Inc., United States District Court for Southern District of Florida, Civil Action No. 12-80428-CIV-HURLEY/HOPKINS	Alleged building design error
PROF	JIM WELLS COUNTY, Texas vs. Ewing Construction Co., Inc., L&M Masonry Contracting Group, Inc., ISI Detention Control Systems, Inc., PBS&J Construction Services, Inc. d/b/a Croslin & Associates, Inc. (in arbitration)	1/26/2009	3/29/2012	YES	15-Sep-10	Arbitration matter settled	Closed	Jim Wells County, Texas, Claimant v. Ewing Construction Co., Inc., L&M Masonry Const Co., Inc., ISI Detention Contracting Group, Inc. d/b/a Metroplex Control Systems, Inc., Atkins North America, Inc. as successor in interest to PBS&J Construction Services	County alleging construction defects. PBS&J performed architectural services
PROF	Panama City - Bay County International Airport and Industrial District	4/7/2010	1/24/2013	YES	24-Nov-10	Contractor alleges design defects	Closed	Phoenix Construction Services, Inc., et al vs. Panama City-Bay County Airport and Industrial District and Post, Buckley, Schuh & Jernigan, Inc., 14th Judicial Circuit, Bay County, Florida, Case No. 10-2839-CQ-DSC	Settlement paid through Clyde & Co., our insurers
PROF	Patrick H. Althoff, Inc. dba Metro Commercial Properties; PHA/Clark County, LLC Patrick H. Althoff and Patricia L. Althoff v. The Landwell Company, LP; PBS&J Construction Services, Inc.; DOES I through X, inclusive; and Roe Corporations I through X, inclusive	7/9/2007	8/19/2011	YES	29-Jun-07	Settlement Agreement signed 3/25/11	Closed	District Court of Clark County, Nevada Case No.: A543946; Patrick H. Althoff, Inc. dba Metro Commercial Properties, and PHA/Clark County, LLC vs. The Landwell Company, L.P., PBS&J Construction Services, Inc., et al	The Complaint alleges breach of contract, permitting and construction delays, and inadequate water pressure problems
PROF	Timothy Gattis and Tammy Gattis, Individually and as Co-Administrators of the estate of their daughter, Kayla Rae Gattis vs. Post, Buckley, Schuh & Jernigan, Inc & PBS&J Construction Services, Inc.	4/9/2008	12/27/2011	YES	08-Apr-08	Confidential Settlement	Closed	In the Superior Court of Fulton County, Georgia, Case Number: 2008CV148943/Timothy Gattis and Tammy Gattis, Individually and as Co-Administrators of the estate of their daughter, Kayla Rae Gattis	Plaintiff claiming negligence/wrongful death, Auto accident, PBS&J performed CEI services, no liability
PROF	Sunrise Ridge Master Homeowners Association, Inc. vs. W.L. Homes LLC dba John Laing Homes, et al; Greystone Nevada, LLC and US Home Corporation, Third-Party Plaintiffs vs. Post Buckley, Schuh & Jernigan, Inc. dba PBS&J, et al, Third-Party Defendants.	5/28/2010	7/18/2014	YES	29-Dec-10	Confidential Settlement	Closed	District Court, Clark County, Nevada, Case No. A-10-619800-D, Dept. No. XIX	Plaintiff alleges construction defects in common areas
PROF	US Army Corps of Engineers/Ten Mile Creek	3/1/2005	8/13/2015	YES	22-Feb-09	Confidential Settlement	Closed	Post, Buckley, Schuh & Jernigan, Inc. v. United States of America, through its agency, the United States Army Corps of Engineers, United States Court of Federal Claims, No. 09-112 C/US Court of Federal Claims styled PBS&J v. United States,	U.S. government alleges design defects in the Ten Mile Creek water retention facility PBS&J designed for the Corps of Engineers, Jacksonville District.

ATKINS NORTH AMERICA, INC. FKA POST, BUCKLEY, SCHUH-JERNIGAN, INC. PROPRIETARY CONFIDENTIAL INFORMATION  
 5-YEAR PROF LITIGATION LIST - SETTLEMENT \$500,000 OR MORE  
 OCTOBER 19, 2015

RFQ-484-120315, ITS Operatons and Support Services, Statewide

EXHIBIT III

GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT AFFIDAVIT

GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT AFFIDAVIT

Contracting Entity/Respondent: Atkins North America, Inc.

Address: 1600 RiverEdge Parkway NW, Suite 600, Atlanta, GA 30328

Solicitation No./Contract No. : RFQ-484-120315

Solicitation/Contract Name: ITS Operations and Support Services, Statewide

By executing this affidavit, the undersigned person or entity verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm, or entity which is contracting with the Georgia Department of Transportation has registered with, is authorized to participate in, and is participating in the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91.

The undersigned person or entity further agrees that it will continue to use the federal work authorization program throughout the contract period, and it will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the undersigned with the information required by O.C.G.A. § 13-10-91(b).

The undersigned person or entity further agrees to maintain records of such compliance and provide a copy of each such verification to the Georgia Department of Transportation within five (5) business days after any subcontractor is retained to perform such service.

58042  
E-Verify/Company Identification Number

October 4, 2007  
Date of Authorization

[Signature]  
Signature of Authorized Officer or Agent  
(Contractor Name)

11-16-15  
Date

Vice President  
Title of Authorized Officer or Agent of Consultant

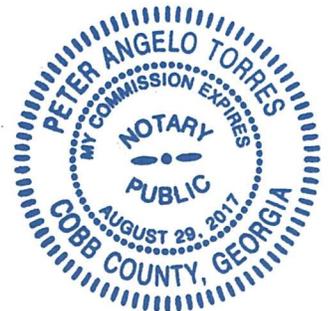
Marcus Wittich, PMP  
Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE

16<sup>th</sup> DAY OF November, 2015

[Signature]  
Notary Public

[NOTARY SEAL]



**ADDENDUM NO. 1**

**ISSUE DATE: November 3, 2015**

This Addendum shall become and form a part of the RFQ for:

**RFQ-484-120315: Intelligent Transportation Systems (ITS)  
Operations and Support Services, Statewide**

**NOTE PLEASE REVIEW CAREFULLY! THERE ARE CHANGES TO THE INFORMATION TO BE PROVIDED. FAILURE TO ADHERE TO THE CHANGES ADDRESSED IN THIS ADDENDUM MAY RESULT IN DISQUALIFICATION.**

In the event of a conflict between previously released information and the information contained herein, the latter shall control.

**NOTE: Because of the changes to Exhibit 1 in the RFQ, as altered in this Addendum, signed acknowledgment of this addendum (this page) MUST be attached to your PROPOSAL.**

Firm Name Atkins North America, Inc.

Signature  Date 11-16-15

Typed Name and Title Marcus Wittich, PMP – Vice President

Georgia Department of Transportation (GDOT)  
Office of Transportation Services Procurement  
One Georgia Center  
600 West Peachtree Street, NW  
19<sup>th</sup> Floor  
Atlanta, Georgia 30308

This Addendum, including all articles and corrections listed below, shall become and form a part of the original RFQ package and shall be taken into account in preparing your proposal.

**I. RFQ Exhibit I, is DELETED in its entirety and REPLACED by the attached Exhibit I to be made part thereof:**

**EXHIBIT I**

Project/Contract

1. Project Number(s): N/A
2. PI Number(s): N/A
3. County(ies): Statewide
4. Description: Intelligent Transportation Systems (ITS) Operations and Support Services, Statewide
5. Required Area Classes:

Prime Consultants are defined as the firm submitting the Statement of Qualifications and the firm with whom GDOT will contract. The Team is defined as the Prime Consultant and their sub-consultants, who are considered team members. The Prime Consultant must be prequalified in the Area Classes identified below in Section 5.A. The Prime Consultant or sub-consultant team members must be prequalified in the Area Classes identified below in Section 5.B. Respondents should submit a summary form (example provided in **Exhibit IV**) which details the required area classes for the Prime Consultant and all sub-consultants or joint-venture of consultants on the team listed in the Statement of Qualifications. The area classes listed on the summary form must meet all required area classes or the team will be disqualified. The Prequalification Expiration Date must be current by the deadline stated for this RFQ.

**ADDENDUM NO. 2**

**ISSUE DATE: November 20, 2015**

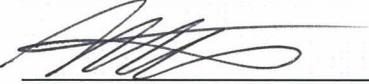
This Addendum shall become and form a part of the RFQ for:

**RFQ-484-120315: Intelligent Transportation Systems (ITS)  
Operations and Support Services, Statewide**

**NOTE PLEASE REVIEW CAREFULLY! THERE ARE CHANGES TO THE INFORMATION TO BE PROVIDED. FAILURE TO ADHERE TO THE CHANGES ADDRESSED IN THIS ADDENDUM MAY RESULT IN DISQUALIFICATION.**

In the event of a conflict between previously released information and the information contained herein, the latter shall control.

**NOTE: A signed acknowledgment of this addendum (this page) MUST be attached to your PROPOSAL.**

Firm Name Atkins North America, Inc.  
 Signature  Date 11/30/2015  
 Typed Name and Title Marcus Wittich, PMP – Vice President

Georgia Department of Transportation (GDOT)  
Office of Transportation Services Procurement  
One Georgia Center  
600 West Peachtree Street, NW  
19<sup>th</sup> Floor  
Atlanta, Georgia 30308

This Addendum, including all articles and corrections listed below, shall become and form a part of the original RFQ package and shall be taken into account in preparing your proposal.

**I. EXHIBIT 1, Number 5. Required Area Classes, Paragraph One is deleted in its entirety and replaced with the following paragraph:**

Prime Consultants are defined as the firm submitting the Statement of Qualifications and the firm with whom GDOT will contract. The Team is defined as the Prime Consultant and their sub-consultants, who are considered team members. The Prime Consultant or sub-consultant team members must be prequalified in the Area Classes identified below. Respondents should submit a summary form (example provided in **Exhibit IV**) which details the required area classes for the Prime Consultant and all sub-consultants or joint-venture of consultants on the team listed in the Statement of Qualifications. The area classes listed on the summary form must meet all required area classes or the team will be disqualified. The Prequalification Expiration Date must be current by the deadline stated for this RFQ.

**II. V.A. - Selection Criteria for Phase II – Criteria for Evaluation of Technical Approach is deleted in its entirety and replaced with the following:**

**A. Technical Approach – 40%**

The Selection Committee will evaluate the shortlisted firms (Finalists) on their Technical Approach, which shall account for a total of forty (40%) percent. The Selection Committee shall utilize the following additional criteria

**ADDENDUM NO. 3**

**ISSUE DATE: December 2, 2015**

This Addendum shall become and form a part of the RFQ for:

**RFQ-484-120315: Intelligent Transportation Systems (ITS)  
Operations and Support Services, Statewide**

**NOTE: PLEASE REVIEW CAREFULLY! THERE MAYBE CHANGES TO THE INFORMATION TO BE PROVIDED. FAILURE TO ADHERE TO THE CHANGES ADDRESSED IN THIS ADDENDUM MAY RESULT IN DISQUALIFICATION.**

In the event of a conflict between previously released information and the information contained herein, the latter shall control.

**NOTE: A signed acknowledgment of this addendum (this page) MUST be attached to your SUBMITTAL for Phase I.**

Firm Name Atkins North America, Inc.

Signature  Date 12/3/2015

Typed Name and Title Marcus Wittich, PMP – Vice President

Georgia Department of Transportation (GDOT)  
Office of Transportation Services Procurement  
One Georgia Center  
600 West Peachtree Street, NW  
19<sup>th</sup> Floor  
Atlanta, Georgia 30308

This Addendum, including all articles and corrections listed below, shall become and form a part of the original RFQ package and shall be taken into account in preparing your proposal.

**I. EXHIBIT 1, Number 6. Scope, Item F. 2. is deleted in its entirety and replaced with the following paragraph:**

- 2. At the Macon TCC: The provision of Operations Room staff, coordination and operation of Macon TCC including utilization of task management tracking database, response to customer service inquiries (including but not limited to receiving and responding to GDOT customer inquiries, customer follow up calls, interaction with GDOT and consultant staff to resolve problems and complaints, etc.) technical assistance to District 3 signal staff (including but not limited to Limited Signal Diagnostics, Advanced Signal Monitoring and Timing, and utilization of ITS and/or signal software). Operators at the Macon TCC use the Navigator software routinely.

## B. Experience and Qualifications

### 1. Project manager



#### Benefits to GDOT

- Stability in TMC operations leadership
- A focus on increased capillarity maturity and a culture of high performance teaming (CREST)
- Commitment to the GDOT TSM&O vision and stakeholder community
- Passion for continuous operational improvement and performance measure development

#### FIRM

Atkins

#### A. EDUCATION

M.S., Civil (Transportation)  
Engineering, Georgia Institute  
of Technology

B.S., Civil Engineering, Georgia  
Institute of Technology

#### B. REGISTRATION

Professional Engineer  
Georgia 24580, 1998

#### YEARS OF EXPERIENCE

Total: 24; GDOT TMC: 9

#### PROFESSIONAL AFFILIATIONS

Institute of Transportation  
Engineers, International and  
Georgia Section

Intelligent Transportation  
Society of America, National  
and Georgia

### Andy Phlegar, PE – Project Manager

#### C. RELEVANT ENGINEERING EXPERIENCE

Andy Phlegar has extensive experience in transportation engineering and ITS. He is the current project manager of Georgia's Transportation Management Center (TMC), managing more than 50 employees who provide statewide incident management 24 hours a day/7 days a week/365 days a year as part of Georgia's 511/NaviGator system. Under previous contracts with the GDOT TMC, Andy was the principal investigator and author on several engineering studies that support the importance of the TMC and its mission. Andy served on the FHWA national ITS architecture team and led several cities and states, including Georgia, with the development and implementation of their ITS architectures.

**GDOT Evaluation of the Towing and Recovery Assistance Program (TRIP), Statewide, GA.** Andy was the lead engineer and developed the methodology, performed the evaluation, and wrote the final report on the effectiveness of TRIP for GDOT. The methodology determined the benefit/cost ratio of the program to be nearly 11 to 1 during the first two years of operation. **Andy presented the study results to international audiences and the information is used to highlight the program value to decision makers and peers in the industry.**

**GDOT I-75 Northwest Corridor Reversible Express Toll Lanes, Cobb and Cherokee Counties, GA.** Andy developed the ITS concept of operations and supervised development of the ITS plans for the reversible express toll lanes (ETL) along I-75 and I-575 (Northwest Corridor). This project developed the 30 percent plans that were used to begin the current project that will open to traffic in 2018. **The ITS concepts of this project mirror those of the other express lane projects that the TMC will be responsible for operating beginning in 2017.**

**FDOT Central Office Statewide ITS General Consultant Services, Statewide, FL.** As project engineer, Andy met with transit agencies throughout Florida to determine the role and support that can be provided by the Central Office. Andy completed the consolidation of the ITS detector specifications and updated the statewide policy for compliance with FHWA Rule 940. This multiyear, ITS general consultant services contract involves providing technical, management, and administrative tasks related to the planning, architecture and standards development, integration, operations, maintenance, telecommunications, and mainstreaming of ITS throughout Florida. **Andy has experience working with diverse groups of stakeholders to build consensus and achieve success.**

#### D. RELEVANT PROJECT MANAGEMENT EXPERIENCE

**GDOT ITS Operations and Support, TMC Operations and Management, Atlanta, GA.** Andy is Atkins' on-site project manager and is responsible for all activities and **more than 50 employees** as part of the day-to-day operations and management of the statewide TMC in

## Andy Phlegar, PE – Project Manager

Atlanta and the regional TMC in Macon. These centers are the focal points for the statewide 511 and incident management activities as part of the NaviGator system. Atkins provides staffing, training, and technical support to operate the center 24/7/365 and during major events and incidents.

**This project points to Andy's experience leading the TMC team and delivering a diverse set of tasks statewide, as well as handling multiple projects in different phases simultaneously.** His accomplishments include the following:

- Andy authored the Georgia Statewide ITS Strategic Deployment Plan (SDP) and was the primary investigator and author of the most recent update of the Georgia Regional ITS Architecture document.
- As the current project manager of the GDOT TMC, Andy was instrumental in the development and updates of many of the processes, standard operating procedures (SOP), and guidance in the TMC, including:
  - Developed the process of "hiring for attitude," which is showing great early success, and revised the training process to move operators from trainee to operator more quickly and successfully.
  - Developed a biometric timekeeping system.
  - Envisioned and implemented the first attendance policy for TMC operators, which promotes equal treatment of individuals.
  - Redefined the operator levels and created a career progression path for TMC employees.
  - Reorganized the TMC organizational structure several times to support department needs and succession planning.
  - Oversees the development and submittal of accurate and timely project invoices.
  - Supported updates and streamlining of several TMC SOPs, including high-level calls and the construction management process.
  - Developed key performance measures (KPI) that include the definition of condition metric, operator audits, camera visual reviews, and quality of TRIP incident documentation.
  - Standardized position, pay, evaluation, and promotional policies for all TMC staff.
- Implemented the Control Room Education Support and Training (CREST) full lifecycle resource organization framework in Georgia and created recruiting, training, and education processes at GDOT to support operational excellence.
- Key developer and trainer in the Traffic Operations and Skills Training (TOAST) program, which cross-trains new managers and supervisors across multiple TMCs to continually provide best practices between centers.

**GDOT ITS SDP, Statewide, GA.** Andy was the project manager, primary author, and developer of Georgia's ITS SDP. Andy worked closely with GDOT staff and other ITS experts throughout the state to develop and document the SDP. The ITS SDP provides guidelines for the appropriate deployment of ITS capabilities along all roadways (urban or rural, controlled access, or surface street) in Georgia. The SDP is used during project programming, concept development, and project design to guide deployment decisions and ensure that ITS is deployed in a reasonable and appropriate manner wherever the capabilities are appropriate. **Andy's knowledge of ITS and ITS stakeholders throughout the state provides a background to successfully lead the GDOT TMC into new areas.**

### E. RELEVANT EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE

Andy has experience using NaviGator, WEB EOC online tool, TMC Standard Operating Procedures (multiple), Activu Display software, GDOT Cisco phone system, GDOT Strike Sheet, GDOT IMU Log, GDOT Traffic Interruption Reporting processes, GDOT recruiting process, Highway Emergency Response Operator (HERO) Automatic Location and Dispatch System (ALADS), MAXIMO Device Outage Reporting software, TACTICS signal system software, GDOT CMIS invoicing system, and GDOT 511 phone system (alerts and floodgates).



## 2. Key team leaders



### Tracey Francis – Atlanta Operations Manager

#### C. RELEVANT EXPERIENCE

Tracey Francis has 22 years of experience supporting transportation operation programs. Her experience includes **20 years at GDOT’s TMC** in roles that include operator, dispatcher, and supervisor. Currently, Tracey serves as the Atlanta operations manager and leads a dedicated team that provides the Georgia traveling public with traffic and incident management support, traveler information dissemination, and other transportation-related services during the 24/7/365 operations of the center.

#### **GDOT ITS Operations and Support, TMC Operations and Management, Atlanta, GA (2011–present).**

Tracey serves as the Atlanta TMC operations manager. In this role, she is responsible for the allocation, training, and oversight of all TMC staff. This includes the TMC operators, supervisors, traffic specialists, training team, dispatchers, and media liaison. Tracey worked with SRTA during the implementation and operations of the express lanes on I-85, supported the advancement of GDOT’s ALADs initiatives, and served on the management team that aided in GDOT’s outreach to local and state agencies. She has also used key components of Atkins’ CREST and TOAST programs to support continuous development of supervisory skills used by management staff to oversee activities on the control room floor.

#### **GDOT ITS Operations and Support, TMC Operations and Management, Atlanta, GA (2007–2011).**

Tracey served as a shift supervisor in the GDOT TMC. She supported both a blended control room floor staff and a fully staffed operation managed by another firm. To continue supporting the GDOT TMC, Tracey elected to transition to this firm during the second year of this contract. During this transition, she maintained the responsibilities of monitoring and assisting operators with entering incidents into the Navigator System, monitoring roadway cameras, making shift schedules, completing performance evaluations, performing QA/QC on incidents and phone calls by operators, and working with IT to make sure equipment was functioning properly. Tracey was also heavily involved in the implementation of the STIX program, Mnet alerts application, and the establishment of GDOT’s 511 system.

#### **D. RELEVANT EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE**

Tracey has experience using NaviGator, WEB EOC online tool, TMC Standard Operating Procedures (multiple), Activu Display software, GDOT Cisco phone system, GDOT emergency contact list, GDOT HERO Log, GDOT Strike Sheet, GDOT IMU Log, GDOT ArcGIS mapping applications, GDOT Transportation Data Viewer, GEMA’s EMnet application, GDOT DAPage, GDOT Traffic Interruption Reporting processes, GDOT Operator Training Manual, GDOT recruiting process, HERO ALADs, MAXIMO Device Outage Reporting software, TACTICS signal system software, and GDOT 511 phone system (alerts and floodgates).

#### Benefits to GDOT

- Served on the TRIP management team since program initiation in 2006
- Maintains strong relationships with GDOT maintenance, legal, traffic signal operations, the 9 metro Atlanta TOCs, and HERO
- Self-taught TMC operations as a supervisor and is a key contributor to continuous TMC incremental improvements

#### FIRM

Atkins

#### A. EDUCATION

Atlanta Technical College,  
Marketing Certificate

#### B. REGISTRATION

N/A

#### YEARS OF EXPERIENCE

Total: 22; GDOT TMC: 20

#### PROFESSIONAL AFFILIATIONS

ITS Georgia, Member  
TIME Task Force, Member  
511 Coalition, Member

#### SOFTWARE

Navigator / ALADS  
Activu  
Microsoft Office Suites  
Automated Call Distributor (ACD)



## 2. Key team leaders



### Benefits to GDOT

- 20 years of experience supporting traffic signal operations in Georgia
- Oversaw traffic signal operations and maintenance activities, ITS deployment projects, and the TMC operations program while with the City of Sandy Springs
- Expertise in emergency operation center management during adverse weather events

### Greg Kirkland – Macon Operations Manager

#### C. RELEVANT EXPERIENCE

Greg Kirkland is a traffic services project manager and administrator with **30 years of experience**. He has extensive background in traffic signal engineering and design, as well traffic signal maintenance, repair, and timing. He is knowledgeable in installation and maintenance of TMCs, related fiber backbone, and associated supporting equipment. His expertise includes installation, management, and implementation of timing plans, fiber networks, microprocessor controllers, video/audio equipment, and troubleshooting.

#### **GDOT ITS Operations and Support, TMC Operations and Management, Atlanta, GA.**

Macon TMC operations manager. The team’s responsibilities include the allocation, training, and oversight of support staff such as TMC operators, supervisors, traffic specialists, training, dispatchers, and a media liaison, to adequately carry out the Center’s mission. Greg’s duties include management of staff who assist GDOT and the Atlanta TMC in inputting all incident management into the NaviGator system. Responsible for assisting GDOT District 3 (Thomaston) in signal and roadway trouble calls. Greg performs weekly maintenance checks of all GDOT District 3 CCTV and ITS devices and trains staff in signal solving issues received from traveling public. Additional duties include implementation of employee attendance and scheduling requirements and reviewing/standardizing policies supporting job responsibilities.

#### **GDOT ITS Operations and Support, TMC Operations and Management, SEI Engineering, Atlanta, GA.**

Regional Traffic Operations Program (RTOP) TMC operations superintendant. Duties included monitoring online systems from the GDOT TMC, making minor adjustments in the timing plans. Coordinated issues and troubleshooting solutions to corridor managers in the RTOP program. Surveyed field locations to seek out possible alternatives for improvement of traffic flow. Assisted in daily operations of the 511 response team, programmed VMS signs, and supplied required documentation to superiors.

#### **Southeast Region Traffic Signal Services and Contracts Operations, Siemens Industry, Atlanta, GA.**

Manager. Duties included ensuring execution of all projects/contracts to meet or beat budgets and schedules. Primary contact responsible for overall customer satisfaction.

#### **D. RELEVANT EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE**

Greg has experience using NaviGator, WEB EOC online tool, TMC Standard Operating Procedures, GDOT emergency contact list, GDOT Transportation Data Viewer, GDOT DApge, GDOT Traffic Interruptions Reporting processes, TACTICS signal system software, and GDOT Operator Training Manual.

#### FIRM

Parsons

#### A. EDUCATION

N/A

#### B. REGISTRATION

N/A

#### YEARS OF EXPERIENCE

Total: 30; GDOT TMC: 3

#### CERTIFICATIONS

IMSA Traffic Signal Technician Level II

IMSA Certified Inspector

IMSA Work Zone Safety Specialist

IMSA Signs and Marking Level I

GDOT CCTV Technician School

2070 Controller/2010 Conflict Monitor Operations



## 2. Key team leaders



### Requel Williams – Training Manager

#### Benefits to GDOT

- Revised and updated GDOT’s operator training program
- Developed SOPs, processes, and route information for GDOT’s 511 system
- Incorporates GDOT’s mission and vision in SOP development, operational guidelines, and policies

#### FIRM

Atkins

#### A. EDUCATION

Coursework, University of West Georgia

#### B. REGISTRATION

N/A

#### YEARS OF EXPERIENCE

Total: 16; GDOT TMC: 16

#### PROFESSIONAL AFFILIATIONS

ITS Georgia, Member  
 TIME Task Force, Member  
 511 Coalition, Member

#### SOFTWARE

Navigator/ALADS  
 Activu  
 Adobe Captivate  
 Articulate  
 Camtasia  
 Microsoft Office Suites  
 Automated Call Distributor

#### C. RELEVANT EXPERIENCE

Requel Williams has **16 years of experience supporting GDOT’s TMC.** From customer service representative to lead trainer, Requel has held various positions in the TMC and has gained advanced knowledge of GDOT’s operations program. As GDOT prepares to support advanced express lanes and reversible lanes incident management responsibilities, Requel will serve as team lead for Atkins in the development of SOPs, policies, and protocols to govern requirements. She will maintain program oversight for all managed lanes activities, TMC training, and TMC outreach support.

#### **GDOT ITS Operations and Support, TMC Operations and Management, Atlanta, GA (2011–present).**

TMC training manager. Requel’s responsibilities include organizing and delivering all operational training for TMC staff and GDOT stakeholders. Requel has provided support in:

- Developing and implementing an operator mentoring and coaching program for new hires to ease transition from training to independent work on control room floor. This includes pairing new hires with senior operators to facilitate knowledge sharing and teamwork.
- Designing, implementing, and administering training for the HERO ALADs software and TMC operators. Trained HERO staff as well as TMC 511 staff.
- Revising the GDOT district Traffic Interruption Reporting (TIR)/construction process, including developing materials and implementing the process throughout the state. Trained all GDOT districts on the new process.

#### **GDOT ITS Operations and Support, TMC Operations and Management, Atlanta, GA (2007–2011).**

Requel served as a TMC trainer. Her responsibilities included providing operator and dispatcher training for new hires, organizing recertification training for operations staff, and updating TMC operations manuals and SOPs. During this project, Requel supported the implementation of GDOT’s 511 program by developing SOPs, working with GDOT IT on system outputs, and aiding with system testing. Requel also standardized operational classroom training for new hires and existing operations staff.

#### **D. RELEVANT EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE**

Requel has experience using NaviGator, WEB EOC online tool, TMC Standard Operating Procedures (multiple), Activu Display software, GDOT Cisco phone system, GDOT emergency contact list, GDOT HERO Log, GDOT Strike Sheet, GDOT IMU Log, GDOT ArcGIS mapping applications, GDOT Transportation Data Viewer, GEMA’s EMnet application, GDOT DAPage, GDOT Traffic Interruption Reporting processes, GDOT Operator Training Manual, GDOT recruiting process, HERO ALADs, MAXIMO Device Outage Reporting software, TACTICS signal system software, and GDOT 511 phone system (alerts and floodgates).

## 2. Key team leaders



### Benefits to GDOT

- Uses social media outlets to increase organizational branding
- Develops and edits original written and video content to deliver strategic messages to a wide-ranging audience

### FIRM

SEI

### A. EDUCATION

B.A., Mass Communications,  
Albany State University

### B. REGISTRATION

N/A

### YEARS OF EXPERIENCE

Total: 2; GDOT TMC: 1

### SOFTWARE

Adobe Photoshop, Final Cut Pro, Widows Movie Maker, Microsoft Office, NaviGator

### APPS

Hootsuite, TweetDeck, Pixlr Express

## Drew Belk – Media and Outreach Manager

### C. RELEVANT EXPERIENCE

Drew Belk serves as the media liaison for the GDOT TMC. In this role, he supports developing 511 website messaging, implements marketing strategies and outreach campaigns, and manages social media content on GDOT's blogs, Twitter, Facebook, and other social media accounts. **Prior to working with GDOT, Drew maintained a social media network that serviced more than 1.2 million followers.** This required providing timely and accurate information to users, responding to user-submitted questions, and implementing a branding strategy used to increase followers.

### GDOT ITS Operations and Support, TMC Operations and Management, Atlanta, GA.

Media liaison. Drew's responsibilities include maintaining GDOT's social media accounts to deliver statewide traveler information, overseeing all TMC outreach activities, and implementing branding strategies used to increase GDOT program awareness.

### TMC Outreach Activities

- Manages all outreach materials, including brochures, USBs, and lanyards
- Coordinates TMC open houses
- Develops and disseminates TMC newsletter to stakeholders
- Facilitates TMC tours for visitors and media outlets
- Attends community events, including state conference and local events
- Develops story content and edited video of GDOT operations and HERO anniversary

### TMC Social Media

- Enhanced social media content that accumulated hundreds of thousands of likes, comments, shares, and post clicks, resulting in follower growth across all handles
- Developed and maintains GDOT social media guidelines
- Facilitates training for GDOT staff on social media guidelines and best practices
- Provides communication support during emergency activities
- Supports GDOT with the development of slogans and social media campaigns (i.e. Teen Driver Safety Week, Driver Alert Arrive Alive)
- Developed two TMC hash tags: #511GA #WGYT (we'll get you there)
- Updates 511 website with special events that impact state routes
- Facilitates the placement of information tabs on the 511 website

### D. RELEVANT EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE

Drew has experience with NaviGator, GDOT 511, TMC outreach brochures, and TMC tour SOPs.

### 3. Prime experience

#### 1 TMC OPERATIONS AND SUPPORT, GDOT CONTRACT TOOTOITS110027

##### A. CLIENT NAME, PROJECT LOCATION, AND DATES

GDOT | Statewide, GA | July 2011–present

##### B. DESCRIPTION OF OVERALL PROJECT AND SERVICES PERFORMED

Atkins provides on-site operations at Georgia's TMC in Atlanta and at the regional TMC in Macon. Operating 24/7/365, the TMC has a staff of more than 50 employees to handle training, traveler information, incident management (IM) operations, HERO dispatch, media interaction, and traffic pattern analysis.

Our staff supports operational services during emergency activities and IM coordination beyond state boundaries. Atkins provides GDOT with weekly performance measures reports, monthly HERO reports, and monthly data on average travel time, travel time index, and buffer time index to FHWA on GDOT's behalf.

##### C. DURATION OF PROJECT SERVICES PROVIDED

4 years (ongoing) | \$21 million (total contract value); \$17.5 million (task orders issued to date)

##### D. EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE

- NaviGator software
- WEB EOC online tool
- Cisco phone system
- 511 system (alerts and floodgates)
- HERO ALADs software
- MAXIMO Device Outage Reporting software
- TACTICS signal system software
- CMIS Invoicing System and project invoicing procedures
- GDOT emergency contact list
- HERO log
- GDOT Strike Sheet
- IMU log
- ArcGIS mapping applications
- GDOT Transportation Data Viewer
- GEMA's EMnet application
- DAPage
- Activu Display software
- Traffic Operations District Database, SafeRoadsD3, and D3ControlCenter
- Operator Policies and Procedures manual
- TMC training and recertification program
- TMC SOPs, including high-level calls and the construction management process
- Weekly performance measures report
- Operator audit process
- Camera visual review process

- TIR processes
- TRIP and TRIP after action reviews
- Southern Traffic Information Exchange procedures (STIX)
- CREST full lifecycle resource management program and capability maturity framework, including recruiting, training, certification, career progression, and succession planning
- TOAST program for new managers and supervisors to share best practices between centers

##### E. CLIENT(S) CURRENT CONTACT INFORMATION

Mark Demidovich, Assistant State Traffic Operations Engineer | 404.635.8014 | mdemidovich@dot.ga.gov

##### F. INVOLVEMENT OF KEY TEAM LEADERS

Andy Phlegar, PE, Project Manager | Tracey Francis, Atlanta Operations Manager | Greg Kirkland, Macon Operations Manager | Requel Williams, Training Manager | Drew Belk, Media and Outreach Manager

#### 2 TMC OPERATIONS AND SUPPORT, GDOT

##### A. CLIENT NAME, PROJECT LOCATION, AND DATES

GDOT | Statewide, GA | March 2007–June 2011 (subconsultant to another firm)

##### B. DESCRIPTION OF OVERALL PROJECT AND SERVICES PERFORMED

Atkins provided on-call engineering services to support the TMC Operations contract. Under this project, Atkins:

- Updated the Georgia Regional ITS architecture
- Performed a benefits/cost analysis of the Towing and Recovery Incentive Program
- Reviewed and documented improvements to the ramp meter deployments
- Developed the Statewide ITS Strategic Deployment Plan

##### C. DURATION OF PROJECT SERVICES PROVIDED

5 years, 3 months | \$500,000

##### D. EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE

Georgia Regional ITS architecture, TRIP Program policies and timelines, Statewide ITS Strategic Deployment Plan

##### E. CLIENT(S) CURRENT CONTACT INFORMATION

Mark Demidovich, Assistant State Traffic Operations Engineer | 404.635.8014 | mdemidovich@dot.ga.gov

##### F. INVOLVEMENT OF KEY TEAM LEADERS

Andy Phlegar, PE, Primary Researcher and Author | Tracey Francis, Shift Supervisor (for prime) | Requel Williams, TMC Trainer (for prime)

### 3 STATEWIDE 511 AND STOC OPERATIONS AND SUPPORT, NCDOT

#### A. CLIENT NAME, PROJECT LOCATION, AND DATES

North Carolina Department of Transportation | Statewide, NC | 2011–present

#### B. DESCRIPTION OF OVERALL PROJECT AND SERVICES PERFORMED

Atkins provides 24/7/365 on-site operations at North Carolina's Statewide Transportation Operations Center (STOC) in Raleigh. Operational responsibilities include continuous monitoring and response coordination for 80,000 miles of state-maintained roadway, active dispatch of NCDOT's IMAP drivers, adverse weather response and emergency operations support, ITS device and system testing, live support for NCDOT's Customer Service Center, response planning for special events and adverse weather, performance reporting, and operator and IMAP driver training.

#### C. DURATION OF PROJECT SERVICES PROVIDED

4 years, 4 months (ongoing) | \$3.2 million per year

#### D. EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE

Leadership staff worked closely with Atkins GDOT TMC management to develop and refine a common operator annual performance review program currently in use by both contracts and documented in the CREST framework for both GDOT TMC and NCDOT STOC.

#### E. CLIENT(S) CURRENT CONTACT INFORMATION

Meredith McDiarmid, PE, CPM, State Traffic Systems Operations Engineer | 919.825.2619 | jportanova@ncdot.gov

#### F. INVOLVEMENT OF KEY TEAM LEADERS

Andy Phlegar, PE, Tracey Francis, Requel Williams | Training/Technical Resources

### 4 STATEWIDE TRAFFIC OPERATIONS PROGRAMMATIC SUPPORT, WisDOT

#### A. CLIENT NAME, PROJECT LOCATION, AND DATES

Wisconsin Department of Transportation | Statewide, WI | December 2012–December 2014

#### B. DESCRIPTION OF OVERALL PROJECT AND SERVICES PERFORMED

Atkins served as program manager for the state's consolidated traffic operations program. This included 24/7/365 support for control room operations; 511 next-generation system development, operations, and maintenance; emergency traffic operations; traffic incident management enhancement; IT support; department of transportation and partner agency training; media liaison and communications; performance measurement; freeway service team

training services; sponsorship and revenue generation consultancy; ramp metering and dynamic traffic operations management; and administrative support.

#### C. DURATION OF PROJECT SERVICES PROVIDED

2 years (completed) | \$3.5 million per year

#### D. EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE

N/A

#### E. CLIENT(S) CURRENT CONTACT INFORMATION

Anne Reshadi PE, Traffic Systems and Management Engineering Section Chief | 414.227.2149 | anne.reshadi@dot.wi.gov

#### F. INVOLVEMENT OF KEY TEAM LEADERS

Andy Phlegar, PE, Tracey Francis, Requel Williams | Training/Technical Resources

### 5 REGIONAL TRAFFIC OPERATIONS PROGRAM, GDOT, PI NUMBER 0013392

#### A. CLIENT NAME, PROJECT LOCATION, AND DATES

GDOT | Statewide, GA | April 2012–present (subconsultant to another firm)

#### B. DESCRIPTION OF OVERALL PROJECT AND SERVICES PERFORMED

GDOT's RTOP focuses on improving operations on multijurisdictional, regionally significant corridors throughout metro-Atlanta. Each corridor is actively managed by a signal timing engineer who constantly makes signal timing improvements and repairs malfunctioning equipment. Atkins' responsibilities include reducing delays along regional commuter corridors; procuring, installing, maintaining, and repairing traffic signal components and devices; and evaluating conditions along a corridor to facilitate improved traffic flow. Twelve corridors that include more than 455 signals are operated and maintained within this contract.

#### C. DURATION OF PROJECT SERVICES PROVIDED

3 years, 5 months (ongoing) | \$1.94 million in task orders to date

#### D. EXPERIENCE UTILIZING GDOT SPECIFIC PROCESSES, MANUALS, OR GUIDANCE

GDOT Signal Design Guidelines and Signing and Marking Guidelines

#### E. CLIENT(S) CURRENT CONTACT INFORMATION

Chester Thomas, Regional Traffic Operations Manager | 404.635.2851 | chthomas@dot.ga.gov

#### F. INVOLVEMENT OF KEY TEAM LEADERS

None

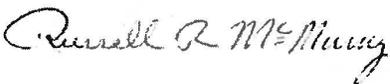
#### 4. Area class summary form and notice of professional consultant qualifications

Area Class #	Atkins (prime)	Arcadis	Parsons	Southeastern Engineering (SEI)	InstaData
Expiration date	<b>6/30/17</b>	6/30/17	1/31/18	12/31/15	<b>VENDOR</b>
DBE or WBE – Y/N	<b>N</b>	N	N	Y	
1.07 – Attitude, Opinion, and Community Value Studies (Public Involvement)	<b>X</b>	X			
1.10 – Traffic Analysis	<b>X</b>	X	X	X	
3.06 – Traffic Operations Studies	<b>X</b>	X	X	X	
3.09 – Traffic Control Systems Analysis, Design and Implementation	<b>X</b>	X	X	X	

**STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION**  
**NOTICE OF PROFESSIONAL CONSULTANT QUALIFICATION**  
 You are qualified to provide Consulting Services to the Department of Transportation for the  
 area-classes of work checked below. Notice of qualification is not a notice of selection.

NAME AND ADDRESS	ISSUE DATE	DATE OF EXPIRATION
Atkins North America, Inc 1600 RiverEdge Parkway NW, Suite 600  Atlanta, GA 30328	12/11/14	6/30/17
	<b>SIGNATURE</b>	
		
<b>1. Transportation Planning</b> <input checked="" type="checkbox"/> 1.01 State Wide Systems Planning Urban Area and Regional Transportation Planning <input checked="" type="checkbox"/> 1.02 Planning 1.03 Aviation Systems Planning <input checked="" type="checkbox"/> 1.04 Mass and Rapid Transportation Planning <input checked="" type="checkbox"/> 1.05 Alternate System and Corridor Location Planning 1.06 Unknown <input checked="" type="checkbox"/> 1.06a NEPA Documentation <input checked="" type="checkbox"/> 1.06b History <input checked="" type="checkbox"/> 1.06c Air Studies <input checked="" type="checkbox"/> 1.06d Noise Studies <input checked="" type="checkbox"/> 1.06e Ecology 1.06f Archaeology 1.06g Freshwater Aquatic Surveys <input checked="" type="checkbox"/> 1.07 Attitude, Opinion and Community Value Studies <input checked="" type="checkbox"/> 1.08 Airport Master Planning <input checked="" type="checkbox"/> 1.09 Location Studies <input checked="" type="checkbox"/> 1.10 Traffic Studies 1.11 Traffic and Toll Revenue Studies <input checked="" type="checkbox"/> 1.12 Major Investment Studies 1.13 Non-Motorized Transportation Planning	<b>3. Highway Design Roadway (Continued)</b> <input checked="" type="checkbox"/> 3.09 Traffic Control Systems Analysis, Design and Implementation 3.10 Utility Coordination 3.11 Architecture <input checked="" type="checkbox"/> 3.12 Hydraulic and Hydrological Studies (Roadway) <input checked="" type="checkbox"/> 3.13 Facilities for Bicycles and Pedestrians 3.14 Historic Rehabilitation <input checked="" type="checkbox"/> 3.15 Highway Lighting <input checked="" type="checkbox"/> 3.16 Value Engineering <input checked="" type="checkbox"/> 3.17 Design of Toll Facilities Infrastructure	
<b>2. Mass Transit Operations</b> <input checked="" type="checkbox"/> 2.01 Mass Transit Program (Systems) Management 2.02 Mass Transit Feasibility and Technical Studies 2.03 Mass Transit Vehicle and Propulsion System Mass Transit Controls, Communications and Information Systems 2.04 Mass Transit Architectural Engineering 2.06 Mass Transit Unique Structures 2.07 Mass Transit Electrical and Mechanical Systems Mass Transit Operations Management and Support Services <input checked="" type="checkbox"/> 2.08 Aviation <input checked="" type="checkbox"/> 2.09 Mass Transit Program (Systems) Marketing	<b>4. Highway Structures</b> <input checked="" type="checkbox"/> 4.01 Minor Bridges Design <input checked="" type="checkbox"/> 4.02 Major Bridges Design 4.03 Movable Span Bridges Design <input checked="" type="checkbox"/> 4.04 Hydraulic and Hydrological Studies (Bridges) 4.05 Bridge Inspection	
<b>3. Highway Design Roadway</b> <input checked="" type="checkbox"/> 3.01 Two-Lane or Multi-Lane Rural Generally Free Access Highway Design <input checked="" type="checkbox"/> 3.02 Two-Lane or Multi-Lane with Curb and Gutter Generally Free Access Highways Design Including Storm Sewers <input checked="" type="checkbox"/> 3.03 Two-Lane or Multi-Lane Widening and Reconstruction, with Curb and Gutter and Storm Sewers in Heavily Developed Commercial, Industrial and Residential Urban Areas <input checked="" type="checkbox"/> 3.04 Multi-Lane, Limited Access Expressway Type Highway Design <input checked="" type="checkbox"/> 3.05 Design of Urban Expressway and Interstate <input checked="" type="checkbox"/> 3.06 Traffic Operations Studies <input checked="" type="checkbox"/> 3.07 Traffic Operations Design <input checked="" type="checkbox"/> 3.08 Landscape Architecture	<b>5. Topography</b> <input checked="" type="checkbox"/> 5.01 Land Surveying <input checked="" type="checkbox"/> 5.02 Engineering Surveying <input checked="" type="checkbox"/> 5.03 Geodetic Surveying 5.04 Aerial Photography 5.05 Aerial Photogrammetry 5.06 Topographic Remote Sensing <input checked="" type="checkbox"/> 5.07 Cartography <input checked="" type="checkbox"/> 5.08 Subsurface Utility Engineering	
	<b>6. Soils, Foundation &amp; Materials Testing</b> 6.01a Soil Surveys 6.01b Geological and Geophysical Studies 6.02 Bridge Foundation Studies Hydraulic and Hydrological Studies (Soils and Foundation) 6.03 Laboratory Materials Testing 6.04a Field Testing of Roadway Construction Materials 6.04b Hazard Waste Site Assessment Studies	
	<b>8. Construction</b> <input checked="" type="checkbox"/> 8.01 Construction Supervision	
	<b>9. Erosion and Sedimentation Control</b> <input checked="" type="checkbox"/> 9.01 Erosion, Sedimentation, and Pollution Control and Comprehensive Monitoring Program <input checked="" type="checkbox"/> 9.02 Rainfall and Runoff Reporting <input checked="" type="checkbox"/> 9.03 Field Inspections for Compliance of Erosion and Sedimentation Control Devices Installations	

**STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION  
NOTICE OF PROFESSIONAL CONSULTANT QUALIFICATION**  
You are qualified to provide Consulting Services to the Department of Transportation for the area-classes of work checked below. Notice of qualification is not a notice of selection.

NAME AND ADDRESS	ISSUE DATE	DATE OF EXPIRATION
ARCADIS U.S., Inc. 2410 Paces Ferry Road, Suite 400  Atlanta, GA 30339	6/12/14	6/30/17
<b>SIGNATURE</b>		
		
<p><b>1. Transportation Planning</b></p> <p><input checked="" type="checkbox"/> 1.01 State Wide Systems Planning Urban Area and Regional Transportation Planning</p> <p><input checked="" type="checkbox"/> 1.02 Planning</p> <p><input type="checkbox"/> 1.03 Aviation Systems Planning</p> <p><input checked="" type="checkbox"/> 1.04 Mass and Rapid Transportation Planning</p> <p><input checked="" type="checkbox"/> 1.05 Alternate System and Corridor Location Planning</p> <p><input type="checkbox"/> 1.06 Unknown</p> <p><input checked="" type="checkbox"/> 1.06a NEPA Documentation</p> <p><input type="checkbox"/> 1.06b History</p> <p><input checked="" type="checkbox"/> 1.06c Air Studies</p> <p><input checked="" type="checkbox"/> 1.06d Noise Studies</p> <p><input checked="" type="checkbox"/> 1.06e Ecology</p> <p><input type="checkbox"/> 1.06f Archaeology</p> <p><input type="checkbox"/> 1.06g Freshwater Aquatic Surveys</p> <p><input checked="" type="checkbox"/> 1.07 Attitude, Opinion and Community Value Studies</p> <p><input type="checkbox"/> 1.08 Airport Master Planning</p> <p><input checked="" type="checkbox"/> 1.09 Location Studies</p> <p><input checked="" type="checkbox"/> 1.10 Traffic Studies</p> <p><input type="checkbox"/> 1.11 Traffic and Toll Revenue Studies</p> <p><input checked="" type="checkbox"/> 1.12 Major Investment Studies</p> <p><input checked="" type="checkbox"/> 1.13 Non-Motorized Transportation Planning</p>	<p><b>3. Highway Design Roadway (Continued)</b></p> <p><input checked="" type="checkbox"/> 3.09 Traffic Control Systems Analysis, Design and Implementation</p> <p><input checked="" type="checkbox"/> 3.10 Utility Coordination</p> <p><input type="checkbox"/> 3.11 Architecture</p> <p><input checked="" type="checkbox"/> 3.12 Hydraulic and Hydrological Studies (Roadway)</p> <p><input checked="" type="checkbox"/> 3.13 Facilities for Bicycles and Pedestrians</p> <p><input type="checkbox"/> 3.14 Historic Rehabilitation</p> <p><input type="checkbox"/> 3.15 Highway Lighting</p> <p><input checked="" type="checkbox"/> 3.16 Value Engineering</p> <p><input checked="" type="checkbox"/> 3.17 Design of Toll Facilities Infrastructure</p>	
<p><b>2. Mass Transit Operations</b></p> <p><input type="checkbox"/> 2.01 Mass Transit Program (Systems) Management</p> <p><input checked="" type="checkbox"/> 2.02 Mass Transit Feasibility and Technical Studies</p> <p><input type="checkbox"/> 2.03 Mass Transit Vehicle and Propulsion System Mass Transit Controls, Communications and Information Systems</p> <p><input type="checkbox"/> 2.04 Mass Transit Architectural Engineering</p> <p><input type="checkbox"/> 2.06 Mass Transit Unique Structures</p> <p><input type="checkbox"/> 2.07 Mass Transit Electrical and Mechanical Systems Mass Transit Operations Management and Support Services</p> <p><input type="checkbox"/> 2.08 Aviation</p> <p><input type="checkbox"/> 2.10 Mass Transit Program (Systems) Marketing</p>	<p><b>4. Highway Structures</b></p> <p><input checked="" type="checkbox"/> 4.01 Minor Bridges Design</p> <p><input checked="" type="checkbox"/> 4.02 Major Bridges Design</p> <p><input type="checkbox"/> 4.03 Movable Span Bridges Design</p> <p><input checked="" type="checkbox"/> 4.04 Hydraulic and Hydrological Studies (Bridges)</p> <p><input checked="" type="checkbox"/> 4.05 Bridge Inspection</p>	
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	<p><b>6. Soils, Foundation &amp; Materials Testing</b></p> <p><input checked="" type="checkbox"/> 6.01a Soil Surveys</p> <p><input checked="" type="checkbox"/> 6.01b Geological and Geophysical Studies</p> <p><input checked="" type="checkbox"/> 6.02 Bridge Foundation Studies Hydraulic and Hydrological Studies (Soils and Foundation)</p> <p><input checked="" type="checkbox"/> 6.03 Laboratory Materials Testing</p> <p><input type="checkbox"/> 6.04a Field Testing of Roadway Construction Materials</p> <p><input checked="" type="checkbox"/> 6.05 Hazard Waste Site Assessment Studies</p>	
	<p><b>8. Construction</b></p> <p><input checked="" type="checkbox"/> 8.01 Construction Supervision</p>	
	<p><b>9. Erosion and Sedimentation Control</b></p> <p><input checked="" type="checkbox"/> 9.01 Erosion, Sedimentation, and Pollution Control and Comprehensive Monitoring Program</p> <p><input checked="" type="checkbox"/> 9.02 Rainfall and Runoff Reporting</p> <p><input checked="" type="checkbox"/> 9.03 Field Inspections for Compliance of Erosion and Sedimentation Control Devices Installations</p>	

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 area-classes of work checked below. Notice of qualification is not a notice of selection.

NAME AND ADDRESS	ISSUE DATE	DATE OF EXPIRATION
Parsons Transportation Group, Inc. 3577 Parkway Lane, Building 5, Suite 100  Norcross, GA 30092	3/12/15	1/31/18
	<b>SIGNATURE</b>	
		
<b>1. Transportation Planning</b> <input checked="" type="checkbox"/> 1.01 State Wide Systems Planning Urban Area and Regional Transportation Planning <input checked="" type="checkbox"/> 1.02 Planning 1.03 Aviation Systems Planning <input checked="" type="checkbox"/> 1.04 Mass and Rapid Transportation Planning <input checked="" type="checkbox"/> 1.05 Alternate System and Corridor Location Planning 1.06 Unknown 1.06a NEPA Documentation 1.06b History 1.06c Air Studies 1.06d Noise Studies 1.06e Ecology 1.06f Archaeology 1.06g Freshwater Aquatic Surveys 1.07 Attitude, Opinion and Community Value Studies 1.08 Airport Master Planning <input checked="" type="checkbox"/> 1.09 Location Studies <input checked="" type="checkbox"/> 1.10 Traffic Studies 1.11 Traffic and Toll Revenue Studies <input checked="" type="checkbox"/> 1.12 Major Investment Studies <input checked="" type="checkbox"/> 1.13 Non-Motorized Transportation Planning	<b>3. Highway Design Roadway (Continued)</b> <input checked="" type="checkbox"/> 3.09 Traffic Control Systems Analysis, Design and Implementation 3.10 Utility Coordination <input checked="" type="checkbox"/> 3.11 Architecture <input checked="" type="checkbox"/> 3.12 Hydraulic and Hydrological Studies (Roadway) <input checked="" type="checkbox"/> 3.13 Facilities for Bicycles and Pedestrians 3.14 Historic Rehabilitation 3.15 Highway Lighting 3.16 Value Engineering <input checked="" type="checkbox"/> 3.17 Design of Toll Facilities Infrastructure	
<b>2. Mass Transit Operations</b> <input checked="" type="checkbox"/> 2.01 Mass Transit Program (Systems) Management <input checked="" type="checkbox"/> 2.02 Mass Transit Feasibility and Technical Studies <input checked="" type="checkbox"/> 2.03 Mass Transit Vehicle and Propulsion System Mass Transit Controls, Communications and Information Systems <input checked="" type="checkbox"/> 2.04 Mass Transit Architectural Engineering 2.05 Mass Transit Unique Structures <input checked="" type="checkbox"/> 2.06 Mass Transit Electrical and Mechanical Systems Mass Transit Operations Management and Support Services <input checked="" type="checkbox"/> 2.07 Mass Transit Operations Management and Support Services 2.08 Aviation 2.09 Aviation 2.10 Mass Transit Program (Systems) Marketing	<b>4. Highway Structures</b> <input checked="" type="checkbox"/> 4.01 Minor Bridges Design <input checked="" type="checkbox"/> 4.02 Major Bridges Design 4.03 Movable Span Bridges Design <input checked="" type="checkbox"/> 4.04 Hydraulic and Hydrological Studies (Bridges) 4.05 Bridge Inspection	
<b>3. Highway Design Roadway</b> <input checked="" type="checkbox"/> 3.01 Two-Lane or Multi-Lane Rural Generally Free Access Highway Design <input checked="" type="checkbox"/> 3.02 Two-Lane or Multi-Lane with Curb and Gutter Generally Free Access Highways Design Including Storm Sewers <input checked="" type="checkbox"/> 3.03 Two-Lane or Multi-Lane Widening and Reconstruction, with Curb and Gutter and Storm Sewers in Heavily Developed Commercial, Industrial and Residential Urban Areas <input checked="" type="checkbox"/> 3.04 Multi-Lane, Limited Access Expressway Type Highway Design <input checked="" type="checkbox"/> 3.05 Design of Urban Expressway and Interstate <input checked="" type="checkbox"/> 3.06 Traffic Operations Studies <input checked="" type="checkbox"/> 3.07 Traffic Operations Design <input checked="" type="checkbox"/> 3.08 Landscape Architecture	<b>5. Topography</b> 5.01 Land Surveying 5.02 Engineering Surveying 5.03 Geodetic Surveying 5.04 Aerial Photography 5.05 Aerial Photogrammetry 5.06 Topographic Remote Sensing 5.07 Cartography 5.08 Subsurface Utility Engineering	
	<b>6. Soils, Foundation &amp; Materials Testing</b> 6.01a Soil Surveys 6.01b Geological and Geophysical Studies 6.02 Bridge Foundation Studies Hydraulic and Hydrological Studies (Soils and Foundation) 6.03 Foundation 6.04a Laboratory Materials Testing 6.04b Field Testing of Roadway Construction Materials 6.05 Hazard Waste Site Assessment Studies	
	<b>8. Construction</b> <input checked="" type="checkbox"/> 8.01 Construction Supervision	
	<b>9. Erosion and Sedimentation Control</b> <input checked="" type="checkbox"/> 9.01 Erosion, Sedimentation, and Pollution Control and Comprehensive Monitoring Program 9.02 Rainfall and Runoff Reporting 9.03 Field Inspections for Compliance of Erosion and Sedimentation Control Devices Installations	

# Southeastern Engineering (SEI)

**STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION  
NOTICE OF PROFESSIONAL CONSULTANT QUALIFICATION**  
You are qualified to provide Consulting Services to the Department of Transportation for the area-classes of work checked below. Notice of qualification is not a notice of selection.

NAME AND ADDRESS	ISSUE DATE	DATE OF EXPIRATION
Southeastern Engineering, Inc. 2470 Sandy Plains Road  Marietta, GA 30066	6/11/15	12/31/15
<b>SIGNATURE</b>		
		
<b>1. Transportation Planning</b> <input type="checkbox"/> 1.01 State Wide Systems Planning <input type="checkbox"/> 1.02 Urban Area and Regional Transportation Planning <input type="checkbox"/> 1.03 Aviation Systems Planning <input type="checkbox"/> 1.04 Mass and Rapid Transportation Planning <input type="checkbox"/> 1.05 Alternate System and Corridor Location Planning <input type="checkbox"/> 1.06 Unknown <input checked="" type="checkbox"/> 1.06a NEPA Documentation <input type="checkbox"/> 1.06b History <input type="checkbox"/> 1.06c Air Studies <input type="checkbox"/> 1.06d Noise Studies <input checked="" type="checkbox"/> 1.06e Ecology <input type="checkbox"/> 1.06f Archaeology <input type="checkbox"/> 1.06g Freshwater Aquatic Surveys <input type="checkbox"/> 1.07 Attitude, Opinion and Community Value Studies <input type="checkbox"/> 1.08 Airport Master Planning <input type="checkbox"/> 1.09 Location Studies <input checked="" type="checkbox"/> 1.10 Traffic Studies <input type="checkbox"/> 1.11 Traffic and Toll Revenue Studies <input type="checkbox"/> 1.12 Major Investment Studies <input type="checkbox"/> 1.13 Non-Motorized Transportation Planning	<b>3. Highway Design Roadway (Continued)</b> <input checked="" type="checkbox"/> 3.09 Traffic Control Systems Analysis, Design and Implementation <input checked="" type="checkbox"/> 3.10 Utility Coordination <input type="checkbox"/> 3.11 Architecture <input checked="" type="checkbox"/> 3.12 Hydraulic and Hydrological Studies (Roadway) <input checked="" type="checkbox"/> 3.13 Facilities for Bicycles and Pedestrians <input type="checkbox"/> 3.14 Historic Rehabilitation <input type="checkbox"/> 3.15 Highway Lighting <input type="checkbox"/> 3.16 Value Engineering <input type="checkbox"/> 3.17 Design of Toll Facilities Infrastructure	
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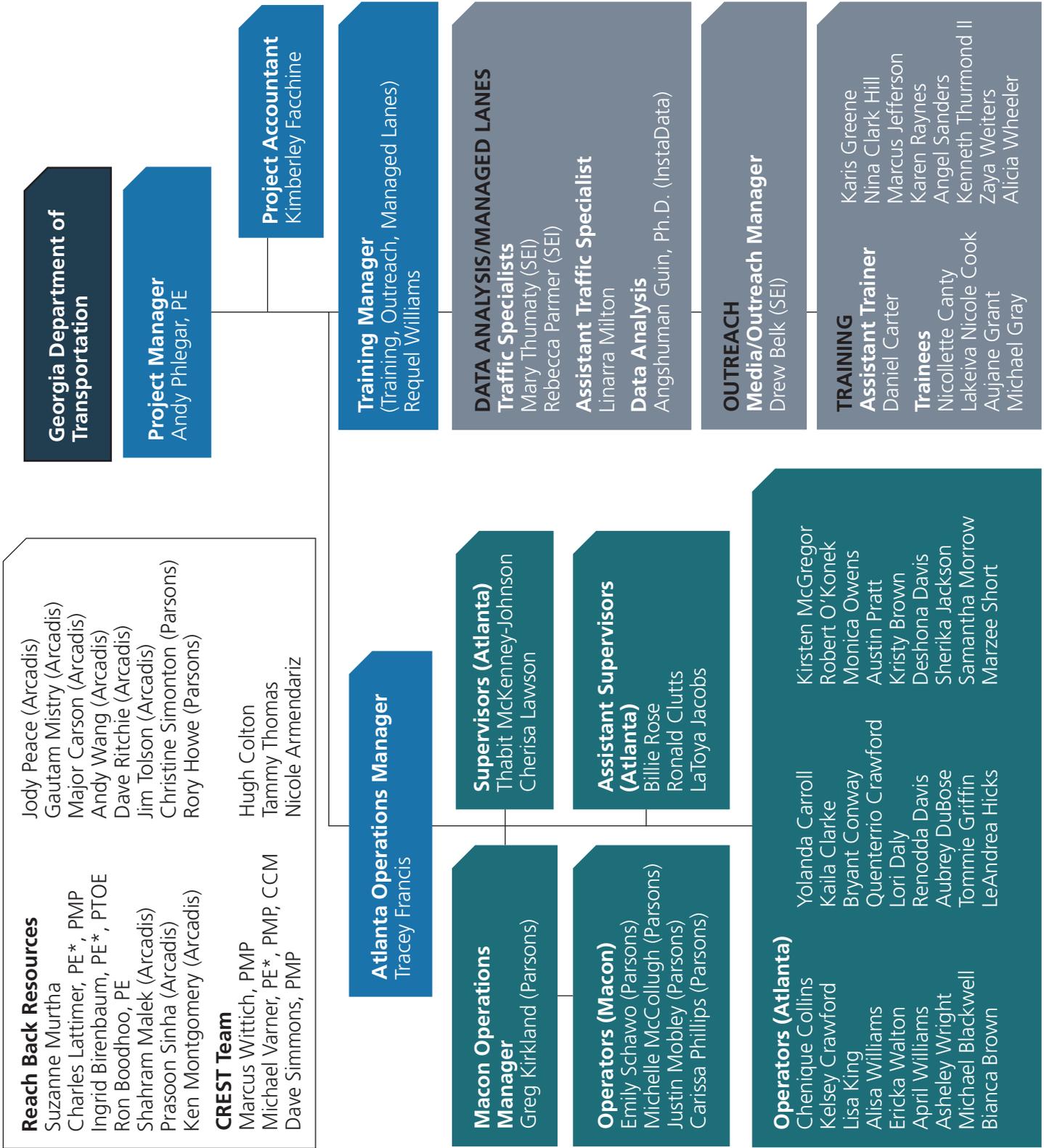
# C. Resources/Workload Capacity

## 1. Overall resources

### A. ORGANIZATIONAL CHART

**Legend**

Leadership    Operations    Support



\* Registered in state other than Georgia

Unless otherwise noted, all team members shown are employees of Atkins

## B. PRIMARY OFFICE

The Atkins Atlanta office will deliver this project. With 200 employees, this office provides comprehensive transportation services, reflecting a one-stop shop offering full-service design and engineering capabilities.

## C. NARRATIVE ON ADDITIONAL RESOURCE AREAS AND ABILITY

The GDOT Traffic Systems Management and Operations program and the TMC are at the peak of exciting change, innovation, and opportunity. In partnership with GDOT, the **Atkins** management team has brought continuous incremental improvements to TMC operations and **has led the TMC through the most stable 4 years of operations since the center was privatized**. We are strategically positioned to continue supporting GDOT's operations, while minimizing risks to the TMC's culture, as we navigate through a period of unprecedented change.

### ADDITIONAL RESOURCE AREAS IDENTIFIED AS IMPORTANT TO THE PROJECT

We have demonstrated experience and expertise in:

- Applying innovative approaches to aligning our team's organizational structure as needs, scope, and interaction with the stakeholder community expand (Wittich, Phlegar, Francis).
- Exploring innovative approaches to demand-based scheduling (Francis, Williams, CREST Team).
- Updating the ITS Benefit Cost Analysis for NaviGator (Sinha, Lattimer).
- Updating the Georgia Regional ITS Architecture (Phlegar, Sinha, Peace).
- Maturing system performance and benefits reporting (Sinha, Lattimer, Guin).
- Improving the Incident Timeline Process (Williams, Simonton).
- Preparing for the impacts of connected/autonomous vehicles (Wittich, Murtha, Boodhoo, Malek, Tolson).
- Providing technical assistance to District 3 signal staff (Kirkland, Malek, Montgomery, Carson, Wang).
- Supporting all aspects of managed lanes implementation (Atkins tolls group is currently working with SRTA).
- Continuing to refine employee full lifecycle management, including training, development, and culture (Phlegar, Williams, Francis, CREST team).

### ADVANTAGES OF THE TEAM AND THE ABILITIES OF TEAM MEMBERS

For more than 4 years, the Atkins leadership team has worked diligently to solidify the operations environment and culture through incremental and continuous change to build sustainable improvements.

Improvements implemented include integration of a biometric timekeeping system and an arrival tracking program that has virtually eliminated tardiness challenges, refined shift briefings to include mini training sessions, a reworked Learning Management System Training and Certification program for improved efficiencies, integrated Atkins University training elements, and revised GDOT SOPs to support NaviGator II and ALADS. We also developed and performed ALADS module training for HERO operators, provided TRIP and STIX training for supporting agencies, implemented construction module training for GDOT staff across the state, and developed a KPI framework, including baseline historical data that can be used for exploring innovative approaches to demand based scheduling.

### ORGANIZATION OF THE KEY TEAM LEADERS FOR PROJECT DELIVERY

The Atkins core TMC management team—Andy, Tracy, and Requel—have unified as a high-performance unit, with the full support of Atkins leadership, and are positioned to excel as we move into an era of unprecedented change. This team has developed, improved, and refined vital operational components mentioned above and has successfully integrated them into the CREST framework for full lifecycle resource management, which has taken the operations floor culture to an unprecedented level of stability and performance.

### ORGANIZATION AND WORKLOAD CAPACITY

The management team shown in our organizational chart (with the exception of reach back resources and the CREST team) will remain **100 percent dedicated to this project and will not be committed to other work**.

#### The Atkins Team Advantage

Proven ability to **work seamlessly** with the Department and other stakeholders to achieve GDOTs goals.

Demonstrated continuous **operational improvement**.

Depth of **expert resources** through reach back.

**Commitment** to GDOT and a **culture** of communication, coordination, and continuous improvement.

## 2. Project manager commitment table

### Andy Phlegar, PE – Project Manager

GDOT PI/Project # or Non-GDOT Client Name	Role of PM on Project	Project Description	Current Project Phase	Current Project Status	Monthly Time Commitment (Hours)
TOOTOITS110027 (contract number)	Project Manager	GDOT TMC Operations and Support	Operations	To be complete July 28, 2016; 100% availability thereafter	160 hours

## 3. Key team leader project commitment tables

### Tracey Francis – Atlanta Operations Manager

GDOT PI/Project # or Non-GDOT Client Name	Role of Key Team Lead on Project	Project Description	Current Project Phase	Current Project Status	Monthly Time Commitment (Hours)
TOOTOITS110027 (contract number)	Atlanta Operations Manager	GDOT TMC Operations and Support	Operations	To be complete July 28, 2016; 100% availability thereafter	160 hours

### Greg Kirkland – Macon Operations Manager

GDOT PI/Project # or Non-GDOT Client Name	Role of Key Team Lead on Project	Project Description	Current Project Phase	Current Project Status	Monthly Time Commitment (Hours)
TOOTOITS110027 (contract number)	Macon Operations Manager	GDOT TMC Operations and Support	Operations	To be complete July 28, 2016; 100% availability thereafter	160 hours

### Requel Williams – Training Manager

GDOT PI/Project # or Non-GDOT Client Name	Role of Key Team Lead on Project	Project Description	Current Project Phase	Current Project Status	Monthly Time Commitment (Hours)
TOOTOITS110027 (contract number)	Training Manager	GDOT TMC Operations and Support	Operations	To be complete July 28, 2016; 100% availability thereafter	160 hours

### Drew Belk – Media and Outreach Manager

GDOT PI/Project # or Non-GDOT Client Name	Role of Key Team Lead on Project	Project Description	Current Project Phase	Current Project Status	Monthly Time Commitment (Hours)
TOOTOITS110027 (contract number)	Media and Outreach Manager	GDOT TMC Operations and Support	Operations	To be complete July 28, 2016; 100% availability thereafter	160 hours

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