

**CITY OF DURHAM**

DEPARTMENT OF PUBLIC WORKS  
101 CITY HALL PLAZA • DURHAM, NC 27701  
919.560.4326 • fax 919.560.4316  
www.durhamnc.gov

- Engineering
- Stormwater Services
- Street Maintenance
- Transportation

February 29, 2012

MEMO TO: Prospective Firms

SUBJECT: **Addendum No. 1**  
**City of Durham Pavement Condition Survey RFQ**

This addendum provides as a reminder that the deadline for submitting a proposal for this RFQ is **Thursday, March 15, 2012 at 4:00 p.m.** in the office of Public Works, 3<sup>rd</sup> floor, Durham City Hall.

Below is a list of items discussed at the February 22, 2012 Pre-Proposal Conference

1. Paragraph No. 8 under **Section 240: Contents of Qualification** has been revised as shown below. Revisions are shown as underlined text. **Equal Business Opportunity Program.** It is the policy of the City to provide equal opportunities for City contracting for small firms owned by socially and economically disadvantaged persons doing business in the City's Contracting Marketplace. It is further the policy of the City to prohibit discrimination against any firm in pursuit of these opportunities, to conduct its contracting activities so as to prevent such discrimination, to correct present effects of past discrimination and to resolve complaints of discrimination. This policy applies to all professional services categories. **The goals are 1% M/SDBE and 1% W/SDBE for this project.** In accordance with the Ordinance, all contractors are required to provide information requested in the "SDBE Professional Services Forms" package. It is the intention of the City that proposals that do not contain the appropriate, completed "Professional Services Forms" will be deemed non-responsive and ineligible for consideration and that the "Declaration of Performance," "Participation Documentation," "Managerial Profile," "Equal Employment Opportunity Statement" and the "Employee Breakdown" documents are required of all contractors. In lieu of the "Employee Breakdown," contractors may submit a copy of the current EEO-1 form (corporate basis). The **"Letter of Intent to Perform as a Sub-consultant"** must be completed for SDBEs proposed to perform on a contract. This form must be submitted with the proposal. The "SDBE Goals Not Met/Documentation of Good Faith Efforts" form must be submitted if the goals are not met. The **"Request to Change SDBE Participation"** form is not applicable at this time. The Department of Equal Opportunity/Equity Assurance is responsible for the Equal Business Opportunity Program. All questions about "SDBE Professional Services Forms" should be referred to Deborah Giles or other department staff at (919) 560- 4180. These forms have also been attached to this Addendum.
2. The last day to submit written questions for this RFQ is Thursday, March 8, 2012.

Questions should be submitted to Byron Brady at [byron.brady@durhamnc.gov](mailto:byron.brady@durhamnc.gov).

3. You will not be required to acknowledge the receipt of any Addendums for this RFQ.
4. During the meeting we discussed that there is no consultant who has an inside track, and that the playing field is “level” with respect to the review of the RFQ’s, the three firms selected for presentations, or the final firm selected for the project. To add to that, each member of the selection committee, without collusion or collaboration with any other member, independently rates the RFQ’s and presentations, and the results are handed off to Byron Brady for compilation. Byron is not a member of the selection committee and has no influence on the outcome of the ratings. After Byron compiles the ratings, he sends them back to the committee members for review. Subsequent to the selection, the Department of Public Works will provide to each firm the overall rankings; the Department will not provide the individual ratings of each of the members of the selection committee.

Should you have any further questions, please feel free to contact me.

Byron Brady, PE, CPESC  
Contract Management Supervisor



# **CITY OF DURHAM SMALL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM**

## **PROFESSIONAL SERVICES FORMS**

**Revised 06/08**



### **Mailing Address:**

**101 City Hall Plaza  
Durham, North Carolina 27701  
Phone: 919-560-4180  
Facsimile: 919-560-4513**

### **Street Address:**

**302 East Pettigrew Street, C-180  
Durham, North Carolina 27701**

The Department of Equal Opportunity/Equity Assurance  
*Good Things Are Happening In Durham*

## **CITY OF DURHAM EQUAL BUSINESS OPPORTUNITY PROGRAM**

### **Policy Statement**

It is the policy of the City to provide equal opportunities for City contracting to small firms owned by socially and economically disadvantaged persons doing business in the City's Contracting Marketplace. It is further the policy of the City to prohibit discrimination against any firm in pursuit of these opportunities, to conduct its contracting activities so as to prevent such discrimination, to correct the present effects of past discrimination and to resolve complaints of discrimination.

### **Goals**

To increase the dollar value of all City contracts for goods and services awarded to small disadvantaged business enterprises, it is a desire of the City that the contractor will voluntarily undertake efforts to increase the participation of socially and economically disadvantaged individuals at higher skill and responsibility levels within non-minority firms engaged in contracting and subcontracting with the City.

The Equal Opportunity/Equity Assurance Director shall establish project specific goals for each project or contract based upon the availability of small disadvantaged business enterprises (SDBE's) within the defined scope of work, delineated into percentages of the total value of the work.

## **Equal Business Opportunity Ordinance SDBE Participation Documentation**

**If applicable information is not submitted with your proposal, your proposal will be deemed non-responsive.**

**Declaration of Performance** must be completed and submitted with your proposal.

**SDBE Participation Documentation** must be used to document participation of Small Disadvantaged Business Enterprise (SDBE) on Professional Services projects. All SDBEs must be certified by the City of Durham's Equal Opportunity/Equity Assurance Department prior to submission date. If a business listed has not been certified, the amount of participation will be reduced from the total utilization.

**Managerial Profile** must be used to list the managerial persons in your workforce who will be participating in this project.

**Equal Employment Opportunity Statement** for your company must be completed and submitted with your proposal.

**Employee Breakdown** must be completed and submitted for the location providing the service/commodity. If the parent company will be involved in providing the service/commodity on the City contract, a consolidated employment breakdown must be submitted.

**Letter of Intent to Perform as a Sub-consultant/Subcontractor** must be completed for SDBEs proposed to perform on a contract. This form must be submitted with the proposal.

### **Post Proposal Submission SDBE Deviation**

Post proposal submission SDBE deviation participation documentation must be used to report and deviation from SDBE participation either prior to or subsequent to startup of the project. The Equal Opportunity/Equity Assurance Department must be notified if the proposed sub-consultant/subcontractor is unable to perform and for what reasons. Substitutions of sub-consultants/subcontractor, both prior to and after awarding of a contract, are subject to City approval.

### **SDBE Goals Not Met/Documentation of Good Faith Efforts**

It is the responsibility of consultants/contractors to make good faith efforts. Good Faith Efforts means the sum total of efforts by a particular business to provide equitable participation of socially and economically disadvantaged employees and sub-consultants/subcontractors.

Whenever contract alternatives, amendments or extra work orders are made individually or in the aggregate, which increase the total value of the original contract, the consultant must make a good faith effort to increase SDBE participation such that the amounts subcontracted are consistent with the established goals.

**SELECTION OF CONSULTANTS/CONTRACTORS  
FOR ARCHITECTURAL/ENGINEERING  
AND OTHER PROFESSIONAL SERVICES**

**Goal**

The purpose is to provide Small Disadvantaged Businesses equal opportunities for participation on City of Durham contracts.

**Definition of the Scope of the Selection Policy**

The Equal Opportunity/Equity Assurance Director shall establish SDBE participation goals for each contract to be awarded by the City. Project specific goals for each project or contract will be based upon the availability of small disadvantaged business enterprises (SDBE's) within the defined scope of work, delineated into percentages of the total value of the work.

In addition to SDBE's specifically certified by the City and listed in a database maintained by the EO/EA Department, the City of Durham may consider a formal certification of another entity to determine whether an applicant meets requirements of the Equal Business Opportunity Program, provided that the City Manager or designee determines that the certification standards of such entity are comparable to those of the City. The City of Durham has determined that the following certifications are comparable to its own and may be used by bidders/proposers: North Carolina Department of Transportation (N.C. DOT), United States Small Business Administration (U.S. SBA) and Raleigh-Durham Airport Authority (RDU).

In lieu of SDBE's listed in its SDBE System, the City of Durham will accept women and minority firms certified by N.C. DOT, U.S. SBA and RDU as meeting its SDBE goal requirements provided the bidder/proposer submits evidence that the firm is currently certified by one of the stated entities at the time of bid/proposal. Failure to provide evidence of certification may disqualify the firm's participation for the purpose of meeting SDBE goals.

Any firm submitted in this manner will be contacted and urged to complete an abbreviated certification process with the City of Durham. For purposes of this document and associated forms, any reference to a "City Certified SDBE," an "SDBE certified by the City" or similar reference shall include reference to a qualified women or minority owned firm certified and approved in accordance with the above paragraphs, even where specific reference is made to the City SDBE database.

**Small Disadvantaged Business Proposal Requirements**

The prime consultant/contractor shall submit a proposal in accordance with the City of Durham's request for Proposal. In addition, the prime consultant/contractor must submit all required Professional Services SDBE Forms.

**Selection Committee for Professional Services**

A selection committee shall be established to be composed of the following: City Manager or a designated representative of this office; Director of Finance or a designated representative of this office; department head responsible for the project; City Engineer if engineering services are involved; the Equal Opportunity/Equity Assurance Director and Purchasing Manager. Other representatives shall be called upon as needed based on their areas of expertise.

The committee shall screen the proposals based on the following criteria:

1. Firms; interest in the project;
2. Current work in progress by firm;
3. Past experience with similar projects;
4. General proposal for carrying out the required work;
5. Designation of key personnel who will handle the project, with resume for each;
6. Proposed associate consultants/contractors, SDBE subconsultants;
7. Indication of capability for handling project;
8. Familiarity with the project;
9. Fees that have been charged for recent comparable projects;
10. References;
11. SDBE Participation; and
12. Documentation of Good Faith efforts.

After ranking the firms presenting proposals based on the above criteria, interviews will be conducted by the selection committee with the top ranked firms (3-5). The contracting department will make the final recommendation, prepare contracts for review by the City Attorney, and prepare the recommendation for the City Council including the following:

1. Description and scope of the project;
2. Recommended firm;
3. Contract cost;
4. Time limits;
5. Basis for selection;
6. Source for funding;
7. Equal Business Opportunity Ordinance compliance; and
8. Recommendation that the contract be approved by the City Council.

### **Contract Award**

A provision must be written in each contract with an architect or engineer requiring them to work with Equal Opportunity/Equity Assurance Department in creating and identifying separate work.

### **Project Evaluation**

An evaluation shall be made of each contract after its completion to be used in consideration of future professional services contracts. The evaluation shall cover appropriate items from the check list for ranking applicants. A copy of the evaluation shall be given to the consultant, and any comment he/she cares to make shall be included in the files.

**DECLARATION OF PERFORMANCE BY CONSULTANT/CONTRACTOR**

Briefly address each of the following items:

1. A brief synopsis of the company and the products/services it provides:
  
2. Describe the normal procedure used on a bid of this type, giving the flow of purchase from the company to the ultimate purchaser:
  
3. List anyone outside of your company with whom you will contract on this bid:

The undersigned consultant/contractor certifies that: (check appropriate box)

- a)  It is the normal business practice of the consultant/contractor to perform all elements of the contract with its own workforce without the use of subcontractors/vendors; and
  
- b)  That the above documentation demonstrates this *firm's* capabilities to perform all elements of the contract with its own work force or without the use of subcontractors/vendors.
  
- c)  The vendor/contractor will use a subconsultant(s) in the fulfillment of this scope of work.

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**Date**

**Authorized Signature**

**PARTICIPATION DOCUMENTATION  
(TO BE COMPLETED BY PRIME CONSULTANT/CONTRACTOR ONLY)**

**Names of all firms  
Project (including  
prime and  
subconsultants/sub-  
contractors)**

**Location**

**SDBE  
Firm  
Yes/No**

**Nature  
of  
Participation**

**% of Project  
Work**

Names of all firms Project (including prime and subconsultants/sub- contractors)	Location	SDBE Firm Yes/No	Nature of Participation	% of Project Work

**TOTAL \_\_\_\_\_**

\_\_\_\_\_  
**Name - Authorized Officer of Prime Consultant/Contractor Firm (Print/Type)**

\_\_\_\_\_  
**Signature - Authorized Officer of Prime Consultant/Contractor Firm**

\_\_\_\_\_  
**Date**

### Managerial Profile

Name of Firm: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_

Date: \_\_\_\_\_

List the managerial persons in your work force who will be participating in this project, including name, position, and whether the individuals are minority or woman within the definition\* of the City of Durham's Equal Business Opportunity Ordinance.

### Managerial Employees

NAME	POSITION	SOCIALLY/ECONOMICALLY DISADVANTAGED* (YES/NO)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

\* M-Minority(African American) W-Woman Other-H-Hispanic, AI-American Indian, AS-Asian American, Handicapped

**EQUAL EMPLOYMENT OPPORTUNITY STATEMENT**  
(You may submit your organization's EEO policy in lieu of this sheet)

## EMPLOYEE BREAKDOWN

### Part A – Employee statistics for the primary location.

				M— a — l — e — s					F — e — m — a — l — e — s				
Employment category	Total employees	Total males	Total females	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project manager													
Professional													
Technical													
Clerical													
Labor													
<b>Totals</b>													

### Part B – Employee statistics for the consolidated company. *(See instructions for this form on whether this part is required.)*

				M— a — l — e — s					F — e — m — a — l — e — s				
Employment category	Total employees	Total males	Total females	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project manager													
Professional													
Technical													
Clerical													
Labor													
<b>Totals</b>													

**Letter of Intent to Perform as a Sub-Consultant**

The undersigned intends to perform work in connection with the above project as a SDBE:

- Minority (African American)     •     Woman     •     Hispanic     •
- American Indian     •     Asian American     •     Handicapped     •

The SDBE status of the undersigned is certified by the City of Durham as identified by the attached copy of certification or the attached SDBE Contractor Identification List supplied by the EO/EA Department.

The undersigned is prepared to perform the following described work in connection with the above project (specify in detail particular work items or parts thereof to be performed):

You have projected the following commencement date for such work, and the undersigned is projecting completion of such work as follows:

<u>ITEMS</u>	<u>PROJECTED COMMENCEMENT DATE</u>	<u>PROJECTED COMPLETION DATE</u>

The subconsultant will subcontract \_\_\_\_\_% of the dollar value of this contract to a SDBE subconsultant/subcontractor and/or non-SDBE subconsultant/subcontractor.

The undersigned will enter into a formal agreement in the amount of \$ \_\_\_\_\_ for the above work with you, conditioned upon your execution of a contract with the City of Durham.

Name \_\_\_\_\_ Title \_\_\_\_\_  
 Company \_\_\_\_\_ Telephone \_\_\_\_\_  
 Address \_\_\_\_\_  
 Signature \_\_\_\_\_

## REQUEST TO CHANGE SDBE PARTICIPATION

Project: \_\_\_\_\_

Name of bidder or consultant: \_\_\_\_\_

Name and title of representative bidder or consultant: \_\_\_\_\_

Address (including zip code): \_\_\_\_\_

Telephone number: \_\_\_\_\_ Fax number: \_\_\_\_\_

Email address: \_\_\_\_\_

Total amount of original contract, before any change orders or amendments: \_\_\_\_\_

Total amount of the contract, including all approved change orders and amendments to date, but not counting the changes proposed in this form: \_\_\_\_\_

Dollar amount of changes proposed in this form: \_\_\_\_\_

The proposed change (*check one*)    **increases**       **decreases**    the dollar amount of the bidder's/consultant's contract with the City.

Does the proposed change decrease the SDBE participation? (*check one*)    **yes**       **no**

If the answer is **yes**, complete the following:

**BOX A. For the subcontract proposed to be changed (increased, reduced, or eliminated):**

Name of subconsultant: \_\_\_\_\_

Goods and services to be provided before this proposed change: \_\_\_\_\_

Is it proposed to eliminate this subcontract?    yes    no

If the subcontract is to be increased or reduced, describe the nature of the change (*such as adding \$5,000 in environmental work and deleting \$7,000 in architectural*): \_\_\_\_\_

Dollar amount of this subcontract before this proposed change: \_\_\_\_\_

Dollar amount of this subcontract after this proposed change: \_\_\_\_\_

This subconsultant is (*check one*):

- 1. City-certified Black-owned SDBE
- 2. City-certified Women-owned SDBE
- 3. City-certified SDBE that is neither Black-owned nor women owned, but to be credited as
  - 3(a)  Black-owned SDBE      3(b)  Women-owned SDBE
- 4. not a City-certified SDBE

**BOX B. Proposed subcontracts other than the subcontract described in Box A above**

Name of subcontractor for the new work: \_\_\_\_\_

Goods and services to be provided by this proposed subcontract: \_\_\_\_\_

Dollar amount proposed of this proposed subcontract: \_\_\_\_\_

This subcontractor is (*check one*):

- 1. City-certified Black-owned SDBE
- 2. City-certified women-owned SDBE
- 3. City-certified SDBE that is neither Black-owned nor women owned, but to be credited as
  - 3(a)  Black-owned SDBE      3(b)  Women-owned SDBE
- 4. not a City-certified SDBE

*Add additional sheets as necessary.*

**SDBE GOALS NOT HAVING BEEN MET. The following information must be presented by the consultant concerning good faith efforts taken.**

It is the responsibility of consultants to make good faith efforts. Any act or omission by the City shall not relieve them of this responsibility. For future efforts, it shall be comprised of such efforts which are proposed to allow equitable participation of socially and economically disadvantaged employees and sub-consultants/subcontractors. The City Manager shall apply the following criteria, with due consideration of the quality, quantity, intensity and timeliness of efforts of consultants/contractors, in determining good faith efforts to engage SDBEs along with other criteria that the City Manager deems proper:

Name of Bidder: \_\_\_\_\_

*If you find it helpful, feel free to attach pages to explain your answers. **How many pages is your firm attaching to this questionnaire?** \_\_\_\_\_ (Don't count the 2 pages of this questionnaire.)*

***If a yes or no answer is not appropriate, please explain the facts. All of the answers to these questions relate only to the time before your firm submitted its bid or proposal to the City. In other words, actions that your firm took after it submitted the bid or proposal to the City cannot be mentioned or used in any answers.***

**1. SOLICITING SDBEs.**

- (a) Did your firm solicit, through all reasonable and available means, the interest of all SDBEs certified (that is, in the City's database) in the scope of work of the contract?  **yes**  **no**
- (b) In such soliciting, did your firm advertise?  **yes**  **no** Are you attaching copies to this questionnaire, indicating the dates and names of newspaper or other publication for each ad if that information is not already on the ads?  **yes**  **no**
- (c) In such soliciting, did your firm send written (including electronic) notices or letters? Are you attaching one or more sample notices or letters?  **yes**  **no**
- (d) Did your firm attend the pre-bid conference?  **yes**  **no**
- (e) Did your firm provide interested SDBEs with timely, adequate information about the plans, specifications, and requirements of the contract?  **yes**  **no**
- (f) Did your firm follow up with SDBEs that showed interest?  **yes**  **no**
- (g) With reference to the SDBEs that your firm notified of the type of work to be subcontracted , did your firm tell them:
  - (i) the specific work your firm was considering for subcontracting?  **yes**  **no**
  - (ii) that their interest in the contract is being solicited?  **yes**  **no**
  - (iii) how to obtain and inspect the applicable plans and specifications and descriptions of items to be purchased?  **yes**  **no**

**2. BREAKING DOWN THE WORK.**

(a) Did your firm select portions of the work to be performed by SDBEs in order to increase the likelihood that the goals would be reached?  **yes**  **no**

(b) If **yes**, please describe the portions selected. **ANSWER:**

**3. NEGOTIATION.** In your answers to 3, you may omit information regarding SDBEs for which you are providing Form E-105.

(a) What are the names, addresses, and telephone numbers of SDBEs that you contacted? **ANSWER:**

(b) Describe the information that you provided to the SDBEs regarding the plans and specifications for the work selected for potential subcontracting. **ANSWER:**

(c) Why could your firm not reach agreements with the SDBEs that your firm made contact with? Be specific. **ANSWER:**

**4. ASSISTANCE TO SDBEs ON BONDING, CREDIT, AND INSURANCE.**

(a) Did your firm or the City require any subcontractors to have bonds, lines of credit, or insurance?  **yes**  **no** (Note: In most projects, the City has no such requirement for *subcontractors*.)

(b) If the answer to (a) is **yes**, did your firm make efforts to assist SDBEs to obtain bonds, lines of credit, or insurance?  **yes**  **no** If **yes**, describe your firm's efforts. **ANSWER:**

(c) Did your firm provide alternatives to bonding or insurance for potential subcontractors?  **yes**  **no** If **yes**, describe. **ANSWER:**

**5. GOODS AND SERVICES.** What efforts did your firm make to help interested SDBEs to obtain goods or services relevant to the proposed subcontracting work? **ANSWER:**

**6. USING OTHER SERVICES.**

(a) Did your firm use the services of the City to help solicit SDBEs for the work?  **yes**  **no**  
Please explain. **ANSWER:**

(b) Did your firm use the services of available minority/women community organizations, minority and women contractors' groups, government-sponsored minority/women business assistance agencies, and other appropriate organizations to help solicit SDBEs for the work?  **yes**  **no**  
Please explain. **ANSWER:**

Pavement Condition Survey

Name	Mailing Address	City	State	Zipcode	Gender/ Race ID	Contact	Phone	Email	Services	Licenses
A-1 Consulting Group, Inc.	117 International Drive	Morrisville	NC	27560	AS	Dr. Vinnie Goel	919-469-4800	vgoel@a1cons.com	Engineering: Civil, Structural, Geotechnical, Surveying, GIS, Landscape, Environmental, Brownfield, Monitoring wells, Wetlands, Asbestos/Lead/UST abatement, Construction, Const. management, Special inspections, materials testing, Estimating, Scheduling.	NC P.E. Certificate No. 18283; NC Engineer License C-1031
B & F Consulting, Inc.	2805 Tobermory Lane	Raleigh	NC	27606	W	Amber Farrelly	919-389-8102	afarrelly@nc.rr.com	Civil Engineering; Consulting Services	NC BOE Engineering Lic. #2149

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BREE & Associates, Inc.	5315 Highgate Drive, Suite 203	Durham	NC	27713	M	Robert Lancaster	919-469-3330;	breeinc@bellsouth.net	Construction Administration and Management; Cost Estimating; Claims; Scheduling; Planning; Inspections; Civil Engineering; Traffic Engineering and Transportation Planning, Studies & Data Collection; CEI; Design Support Activities; AutoCAD & Drafting	City of Durham Privilege License; NC Board of Examiners for Engineers & Surveyors Lic. #C-2125
Capstone Civil Group	PO Box 44434	Charlotte	NC	28215	M	Charles Brown	704-567-0769	cbrown@capstonecivilgroup.com	Civil engineering; geotechnical Engineering, Constr. Mat. Testing	Engineering
CH Engineering, PLLC	PO Box 30128	Raleigh,	NC	27622	W	Maha Chambliss	919-788-0224	mchambliss@ch-engr.com	Transportation/Roadway Design; Storm Drainage Design; Utilities Design; Wastewater & Water Design; General Civil Engineering and Surveying.	N.C. Board of Engineers P-0189
Greene Transportation Solution, PC	2405 Grayson Creek Drive	Wake Forest	NC	27587	W	Christa Greene	919-210-5116	christa@greenetransportation.com	Transportation Engineering Services;Transportation Planning	NC PE license Lic. No C-2989

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H. Richardson & Company, Inc.	5104 Sky Lane Drive	Durham	NC	27704	M	Henry Richardson	919-530-1770	jrichardson54@nc.rr.com	General Contracting (Highway); Construction Administration; Inspection; Technical Assistance Provided to Engineers such as: Field Testing, Data Collection; Traffic control; Erosion Control ; Asphalt or Pavement Repair	General Contracting License #49668; Highway Construction: Limited
John Davenport Engineering, Inc.	PO Box 4131	Winston-Salem	NC	27115	M	John M. Davenport, Jr.	336-744-1636	dcoburn@davenportworld.com	Transportation and Traffic services including impact analysis, master planning, transit studies, traffic engineering services, roadway and drainage design, stormwater management, CEI, Pedestrian & bicycle planning and studies.	North Carolina Engineering License #02566

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MA Engineering Consultants, Inc.	598 East Chatham Street, Suite 137	Cary,	N.C.	27511	AS	Arvin Maniktala	919-297-0220	maec@maec.com	civil, structural, environmental, electrical & mechanical engineering; surveying; highway/bridge design; utility location & excavation	NC Board of Engineers #F-0160
Mekuria Engineering, Inc.	PO Box 10505	Raleigh	NC	27605	M	Belayneh Mekuria	919-833-8743	Bmekuria@nc.rr.com	Traffic Counts, Traffic Impact Analysis, Travel Time Studies, Traffic Signal Design, Signal System Timing & Implementation, System Training and Roadway Design, Traffic Engineering	NC Board of Examiners for Engineers & Surveyors C-2739
Morton & Morton Design Services, PLLC	9121 Anson Way, Suite 101	Raleigh	NC	27615	W	Jeanell Morton	919-882-6066	jdmorton@nc.rr.com	traffic engineering services	NC Board of Examiners for Engineers and Surveyor Certificate#P-0568
Polytech, Inc.	315 East Chapel Hill Street, Suite 401	Durham	NC	27701	M	Norman Bliss	(919) 687-0821	nbliss@polytechengineers.com	Engineering Design (Mechanical, Electrical, Civil & Structural) and Construction Management.	NC Professional Engineering License #1680

Pavement Condition Survey

Ratliff Engineering & Consulting, PLLC	4224 Lazyriver Drive	Durham	NC	27712	W	Amy Ratliff, PE	919-294-4770	amy@ratliffengineering.com	Civil Engineering-utility pipeline design;erosion control planning; grant applications & administration; permitting & compliance-air,water, sanitary sewer, erosion, project managemnet, municipal work	NC Board of Examiners for Engineers and Surveyors License#P-0835
Rohadfox Construction Control Serv. Corp.	400 West Main Street, Suite 206	Durham	NC	27701	M	Rebekah Rohadfox	919-682-5741	rccsc@rccsc.net	Construction Management-Project Controls (Scheduling, Estimating, Value Engineering); Resident Inspection; Claims Analysis; Quality Assurance/Quality Control; Mechanical , Sanitary, Civil, Structural , Environmental Engineering ; General Contractor	NC Privilege License

Pavement Condition Survey

SEPI Engineering Group, Inc.	1025 Wade Avenue	Raleigh	N.C.	27605	W	Latonya Taylor	919-789-9977	itaylor@sepengineering.com	Consultant services for traffic and transportation engineering; traffic impact studies; signal system timing & design; roadway & structural design; noise & air analysis; construction management; environmental planning; water resources and land surveying.	N.C. Board of Examiners for Engineers & Surveyors
Spaulding and Norris	972 Trinity Road	Raleigh	NC	27607	W	Stephanie Norris	919-854-7990	Stephanie@spauldingnorris.com	Civil Engineering, Land Planning, Environmental Permitting	NC Professional Engineering License