

Town of Stoneville

Pavement Condition Survey RFQ

INTRODUCTION

The Town is soliciting proposals from engineering firms to provide a Pavement Condition Survey (PCS) and a Pavement Management System (PMS). The Town-maintained road system consists of approximately 7.56 miles of paved roads.

SCOPE OF WORK

The following shall be included in the scope of work:

1. Pavement Condition Survey (PCS)
 - a. A visual evaluation of the Town's road system for asphalt roadways is required. The information gathered will include physical characteristics and pavement distress types. This survey will be conducted at break points established by road centerlines.
 - b. The PCS shall be performed identifying the following distresses:
 - i. Fatigue Cracking
 - ii. Block Cracking
 - iii. Distortions
 - iv. Longitudinal and Transverse Cracking
 - v. Defective Patching and Potholes
 - vi. Rutting and Depressions
 - vii. Raveling
 - viii. Weathering
 - c. The Town will not consider automated data collection techniques including artificial intelligence (AI).
 - d. Inventory: The consultant will be expected to collect length and width for each segment of roadway.
2. Pavement Management System (PMS)

The Town is considering the use of a Pavement Management System (PMS) that meets the following:

- a. Be a vendor hosted web-based application.
- b. Incorporate the pavement distresses listed in Section 1 and have the ability to incorporate others as the program develops.
- c. Allow for multiple pavement maintenance activities with the ability to add or delete activities to match the Town's evolving pavement management program.
- d. Allow for user defined deterioration models.
- e. Identify maintenance needs, estimate costs, and calculate the pavement condition index (PCI) for each road segment and entire roadway network.
- f. Allow the updating of unit costs as determined by the Town or consultant.
- g. Have the ability to store construction history.

- h. Have the ability to analyze various “what if” funding scenarios and determine the level of service.
- i. Provide multi-year optimized work plans for each of the funding scenarios.
- j. Provide a dashboard to help demonstrate to elected officials the consequences of multiple funding scenarios and the use of alternative maintenance activities for pavements and other assets.

3. Project Deliverables

The project deliverables shall include the following:

- a. The production of summary tables, an alphabetical listing, and a priority listing for the street system shall be included.
- b. Development of separate technical reports with tables and figures to summarize the condition of Town streets and maintenance needs. These reports shall contain all collected pavement data and recommended maintenance and preservation activities.
- c. Work plans for Town selected funding scenarios.
- d. A Council presentation to present the findings of the PCS and analysis.

4. Contract Term

The Town intends to hire one consulting firm for this contract and the work to be completed within 6 months following award of the contract.

PROPOSAL CONTENT & FORMAT

Proposals shall include the following which will be used by the Town for evaluating and selecting a firm:

1. Introduction: introductory letter including firm name, address, telephone number, contact person, table of contents. (5%)
2. Firm experience – a detailed description of similar projects successfully completed by the firm; name, telephone number, and email address of a contact person for each client who can verify the information provided. Provide project examples where other utilities have been incorporated with the pavement modeling. (20%)
3. Firm personnel experience – a listing of team personnel who will actually be assigned to perform substantial amounts of the work on this project; provide experience record, anticipated amount of time each person will actually work on this project, and location of each person. (35%)
4. Project Approach – a detailed description of how the firm proposes to approach this project; include sufficient discussion of proposed methodologies, techniques, and procedures for each work item; provide a breakdown and description of tasks assigned per project team member. (35%)
5. Project Schedule – a proposed time schedule. (5%)

The proposal shall be a maximum length of 10 pages. Cover, table of contents and dividers will not count toward the page limit.

SUBMISSION

Each firm is asked to submit their proposal in PDF format via email to the Town at bhollerand@stonevillenc.org.

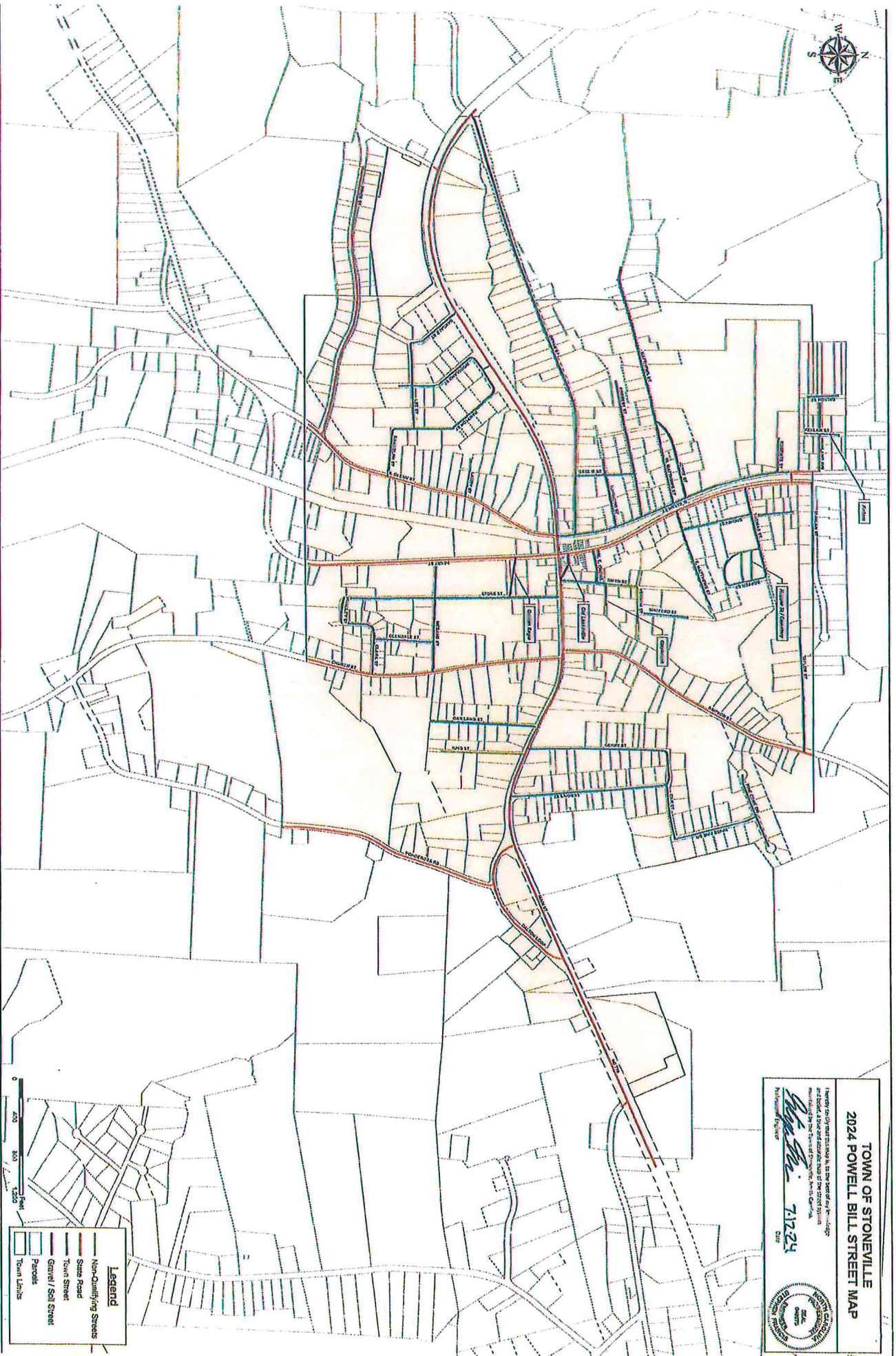
DEADLINE

All proposals are due by 5 p.m. on Thurs., Jan. 16, 2025.

Powell Bill Street Listing 2024
Town of Stoneville, Rockingham County, NC

Street Name	<16' Gravel/Soil Surfaced	>16' Gravel/Soil Unsurfaced	>16' Gravel/Soil Surfaced	>16' Paved Hard Surfaced	Length (Mileage)
Brown Street				1162	0.22
Bryan Street				4488	0.85
Clark Street				852	0.16
Claybrook Street				346	0.07
Dalton Street				325	0.06
Duncan Street				800	0.15
Forrest Street				1138	0.22
Gerry Street				1373	0.26
Glendale Street				613	0.12
Golden Eagle Drive				380	0.07
Hampton Street				1450	0.27
Haywood Street				681	0.13
Highland Avenue				736	0.14
Hopper Street / Cemetery	569			1138	0.32
Hundley Street				301	0.06
Joyce Street				830	0.16
Kellam Street				362	0.07
King Street	976				0.18
Larry Street	399				0.08
Lee Street				950	0.18
Lemons Street				1950	0.37
Leslie Street				686	0.13
E. Matthews Street				898	0.17
W. Matthews Street				2340	0.44
Mebane Street				1150	0.22
North Glenn Street				2387	0.45
Oak Street				572	0.11
Oakdale Street				585	0.11
Oaklawn Street				1109	0.21
Old Leaksville Road				280	0.05
Pine Cone Drive				900	0.17
Randolph Street				482	0.09
Roberts Street				669	0.13
Smith Street	340			459	0.15
Stone Street				2227	0.42
Taylor Street				1121	0.21
Thomas Street				969	0.18
Vernon Street	521				0.10
Watford Street				672	0.13
White Pine Drive				960	0.18
William E. Crews				356	0.07
Woodland Drive				1220	0.23
Total Footage	2,805	0	0	39,916	
Total Mileage	0.53	0.00	0.00	7.56	7.56

Note: The 0.53 miles of Gravel Streets <16' are not eligible for Powell Bill Street Listings and therefore were not included in the Total Street Milage of 7.56 miles



TOWN OF STONEVILLE
2024 POWELL BILL STREET MAP

1. hereby do certify that this map is to the best of my knowledge and belief a true and accurate map of the street frontage and location of the Town of Stoneville, Tennessee, as of the date of the printing hereof.

[Signature]
 Mayor
 7.17.24
 Date

Notary Public
[Signature]
 Notary Public

Legend

- Non-Clarifying Streets
- State Road
- Town Street
- Gravel / Seal Street
- Parcels
- Town Limits