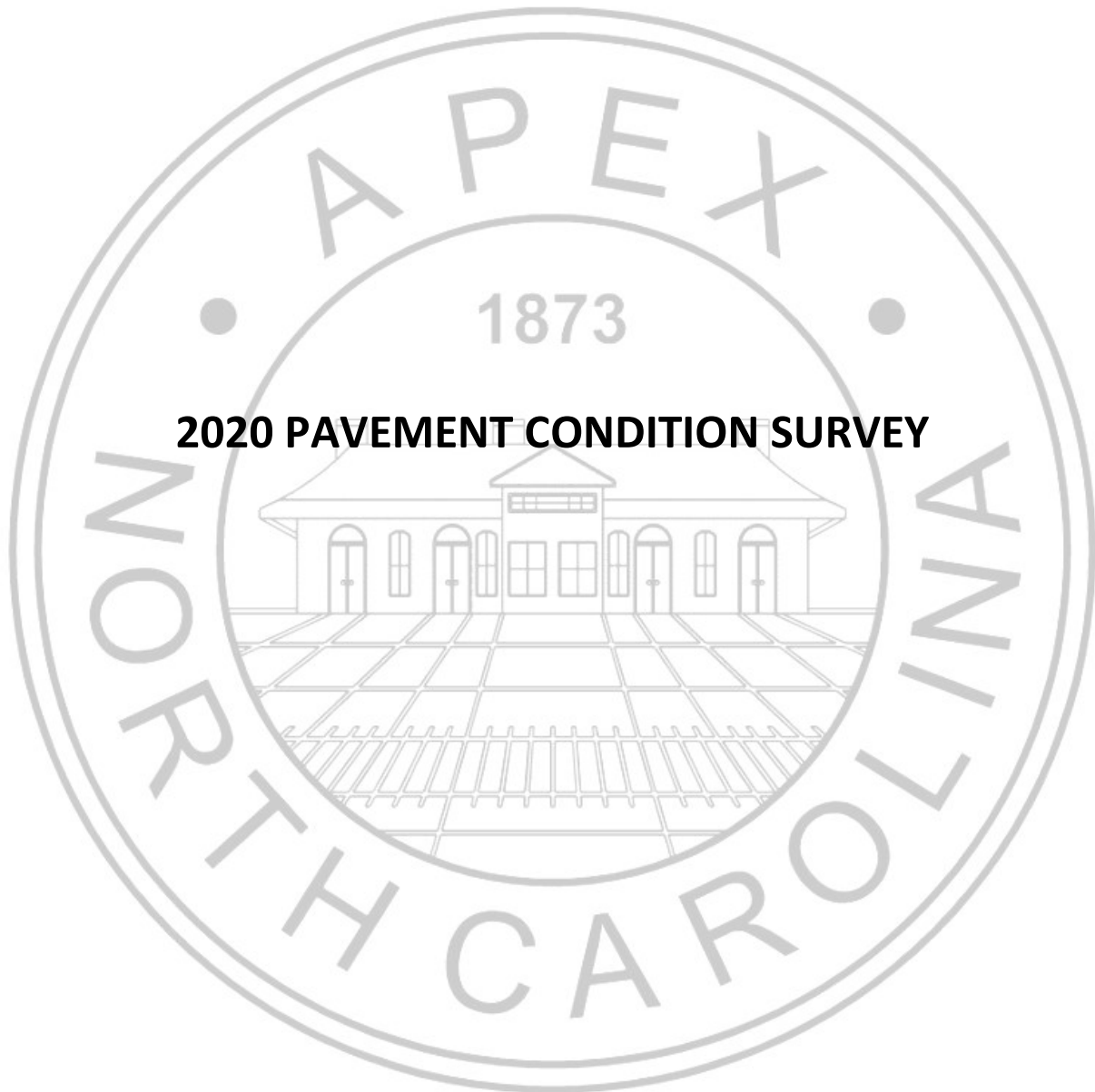


REQUEST FOR PROPOSALS



2020 PAVEMENT CONDITION SURVEY

Town of Apex, NC
Public Works & Transportation Department
Engineering Services

INTRODUCTION

The Town of Apex is soliciting proposals from engineering firms to provide a Pavement Condition Survey. The Town is currently maintaining a 3-year interval for surveys. Previous surveys were completed in 2005, 2008, 2011, 2014, and 2017. The Town-maintained road system consists of approximately 207 miles of paved roads.

SCOPE OF WORK

The following shall be included in the scope of work:

1. A visual evaluation of the town road system for asphalt roadways. The information gathered will include physical characteristics and pavement distress types. This survey will be conducted at break points established by road centerlines. A shapefile will be provided by the Town of Apex.
2. The pavement condition evaluation shall be performed in accordance with Publication No. FHWA-RD-03-031, Distress Identification Manual for the Long-Term Pavement Performance Program (Fourth Revised Edition), June 2003 utilizing distresses that the Town currently employs as follows:
 - I. Cracking
 - Fatigue Cracking
 - Block Cracking
 - Reflection Cracking at Joints
 - Transverse Cracking
 - II. Patching and Potholes
 - III. Surface Deformation
 - Rutting
 - Shoving
 - IV. Surface Defects
 - Raveling
3. Identify maintenance needs, estimate costs, and calculate pavement condition ratings for each road segment.
4. The production of summary tables, an alphabetical listing, and a priority listing for the street system shall be included. Begin and end descriptions will reflect centerline break points.
5. 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.
6. A shapefile shall be provided to the Town of Apex containing all collected pavement data, and recommended maintenance and preservation activities.

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;
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;
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;
4. Sub-consultant personnel experience – names and addresses of any outside consultants or associates proposed to be involved with this project; include each proposed sub-consultant's experience and qualifications as described above for firm personnel experience;
5. 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;
6. Project Schedule – a proposed time schedule;

The attached Services Contract will be used for this project.

SUBMISSION

Each firm is asked to submit their proposal in PDF format via email to Adam Stephenson at adam.stephenson@apexnc.org or by alternative electronic means.

Questions should be directed to Adam Stephenson at adam.stephenson@apexnc.org.