

Staff Report

Subject: Pavement Condition Assessment Project
Author: Eric Larson, Asst. County Manager
Department: Engineering
Meeting Date: April 19, 2022
Item Description: Presentation of a pavement management system and recommendation to create a pavement condition assessment program for all County maintained roads.

Summary Recommendation:

The County Engineer is recommending beginning a pavement management program to routinely assess road condition, rehabilitation costs, and create a data-driven decision making process for prioritization and allocation of limited funding to improve roads. The platform is a software package and assessment consultation from First Step Pavement Management. The process includes a filed inventory of road lengths, widths, and conditions, a video log of the assessment, and an evaluation of numerous pavement rehabilitation processes. The deliverable product is a multi-year recommendation of priority roads for repair and cost estimates. This process is recommended to be done every two years to catalog degradation over time and keep the assessment and allocation of funds current.

Executive Summary/Background:

- County has 651 miles of roads, including asphalt paved, chip seal surface, gravel, and dirt.
- In a recent road condition report from Public Works, staff determined an estimated \$27.2 million in current rehabilitation needs that do not have funding.
- 2022 LMIG grant allocation from the State of Georgia is \$988,409.52.
- 2021 TSPLOST allocated \$12.7 million for repaving and rehabilitation of existing roads, averaging approx. \$2.5 million per year.
- Trends in cost and materials availability are far out pacing our ability to keep up. Limited funds and overwhelming needs require the County to come up with a more cost effective and efficient system.
- The cost of the First Step program is \$57,000 for 2 years, or \$28,500 annually.
- The recently awarded grant from ACCG Civic Affairs Foundation will be used to utilize an intern student to assist with data collection.

Alternatives for Commission to Consider

- 1 - Approve the creation of a pavement management program and contracting with First Step Pavement Management to conduct a assessment of all county roads in the amount of \$57,000.
- 2 – Take no action / Deny

Recommended Alternative: Alternative 1

Other Alternatives: N/A

Department Review: Engineering

Funding Source: SPLOST.

Attachments: 1. First Step Proposal.