



Legislation Text

File #: 19-0003, **Version:** 2

Agenda Item Name:

Pavement Management Update

Presenter:

Ramon D. Gavarrete, P.E., Public Works Director & Brian M. Singleton, P.E., Assistant Public Works Director

Description:

Discuss pavement management program, pavement inventory and ranking methodology.

Recommended Action:

1. Approve Budget Amendment 20-223 funding a Pavement Management Study & Training with Gas Tax Reserves in the amount of \$250,000
2. Present an Optimized Pavement Management Program vs. Worst-First Management Program no later than the FY 2022 Budget Cycle

Prior Board Motions:

None

Fiscal Consideration:

The FY20 gas tax reserves is budgeted at \$405,156 in account 149.04.0440.590.99.20. Approval of the budget amendment in the amount of \$250,000 would utilize 61.7% of the appropriated reserves in the Gas Tax Fund for FY20.

Background:

Alachua County maintains approximately 680 miles of paved roadways. The pavement management program is currently funded at approximately \$4M/year and the need is approximately \$15M to maintain the current backlog of roadway repairs; as such the pavement management repair backlog continues to grow.

Alachua County currently utilizes a worst-first methodology to maintenance its pavements. This is an acceptable methodology for a fully funded program, however this method is not the most cost effective or sustainable way of maintaining pavements. The Federal Highway Administration recommends pavement preservation opposed to conventional methods of pavement management. Adopting a pavement preservation into the County's pavement management program will minimize the backlog growth at any funding level by saving pavements in good and fair conditions opposed to focusing all repairs on the poor and very poor condition roadways. Staff recommends completing a study to implement an optimized pavement management program utilizing pavement preservation techniques.