



Date: December 23, 2014

To: Thomas J. Bonfield, City Manager

Through: W. Bowman Ferguson, Deputy City Manager

From: Marvin G. Williams, Director of Public Works

Subject: Additional Information Following the Presentation on the Transmap PCI Study

Executive Summary

At the December 18, 2014, City Council Work Session, Council received a presentation giving an overview of the current condition of the City's street network, and the estimated costs that will be associated with maintaining the street network over the next several years. During the presentation additional information was requested, including the location of all streets rated as "very poor" (Attachment A) and a representative list of streets in various rating categories which will allow Council to visit those streets and become more familiar with the various pavement rating categories (Attachments B-D).

Recommendation

The Public Works Department recommends that Council receive additional information regarding the findings of the 2013 PCI Study completed by Transmap Corporation as requested during the December 18, 2014 Council Work Session.

Background

In an effort to generate a multi-year paving plan, in April 2013, Public Works contracted with Transmap Corporation of Upper Arlington, Ohio to provide consulting services for a Pavement Condition Index (PCI) Study of the City of Durham's (City) maintained asphalt streets as well as a condition assessment of the sidewalks along those streets. The scope of the study included a report of the existing pavement conditions for City maintained streets, the development of pavement deterioration models using several funding scenarios over a 5-year and 10-year period and the identification of various maintenance and rehabilitation approaches for the City's street network.

At the request of City Council following the December 18, 2014 work session presentation on the PCI Study, additional information has been provided which includes a list of all City streets still rated as "very poor" (with a PCI rating less than 21), and several maps which show representative samples of streets rated from "very good" to "very poor".

Issues/Analysis

The Issues/Analysis section is not applicable for this item.

Alternatives

The Alternatives section is not applicable for this item.

Financial Impact

The Financial Impact section is not applicable for this item.

SDBE Summary

The SDBE Summary is not applicable for this item.

MGW/tnj