



Memorandum

April 21, 2016

TO: City Council
David M. Campbell, City Manager

FROM: Jeff D. Cameron, Public Works Director

SUBJECT: Streets and Roads Initiative Committee

Background

The Longview street network consists of about 138 centerline miles of paved roadway and is the City's most valuable physical asset. In order to maintain that asset in good condition, resources must be invested strategically to obtain the largest return given the funds available. A Pavement Management Program provides the tools necessary to prioritize street maintenance and determine the best repair methods and decide when to implement those repairs. The goal is to maintain the asset through frequent preventive maintenance, resulting in long-term savings by avoiding expensive street replacement, and resulting in greater motorist satisfaction with roadway conditions.

In 2011, the firm Infrastructure Management Services, Inc. (IMS) performed a detailed survey of the City's street network to evaluate its current condition and develop a Pavement Management Program plan and budget for street improvements over the next five year period. After evaluating the data collected, IMS calculated the overall condition index rating (OCI) for our asphalt concrete streets to be an average OCI of 61 (out of 100); the average OCI for our Portland cement concrete streets was an OCI of 76; and the average OCI for our total combined street network was an OCI of 69. (See IMS Pavement Management Analysis Report Figure 10 on the next page)

In order to maintain the 2011 levels of pavement condition and repair backlog, an annual budget of \$2.8 million dollars was recommended. At that time, the Street Division budget included about \$550,000 for street repair and maintenance. Without significant increases in street maintenance activities, IMS projected the overall condition rating for Longview's street network would drop to an average OCI of 58 in 2016.

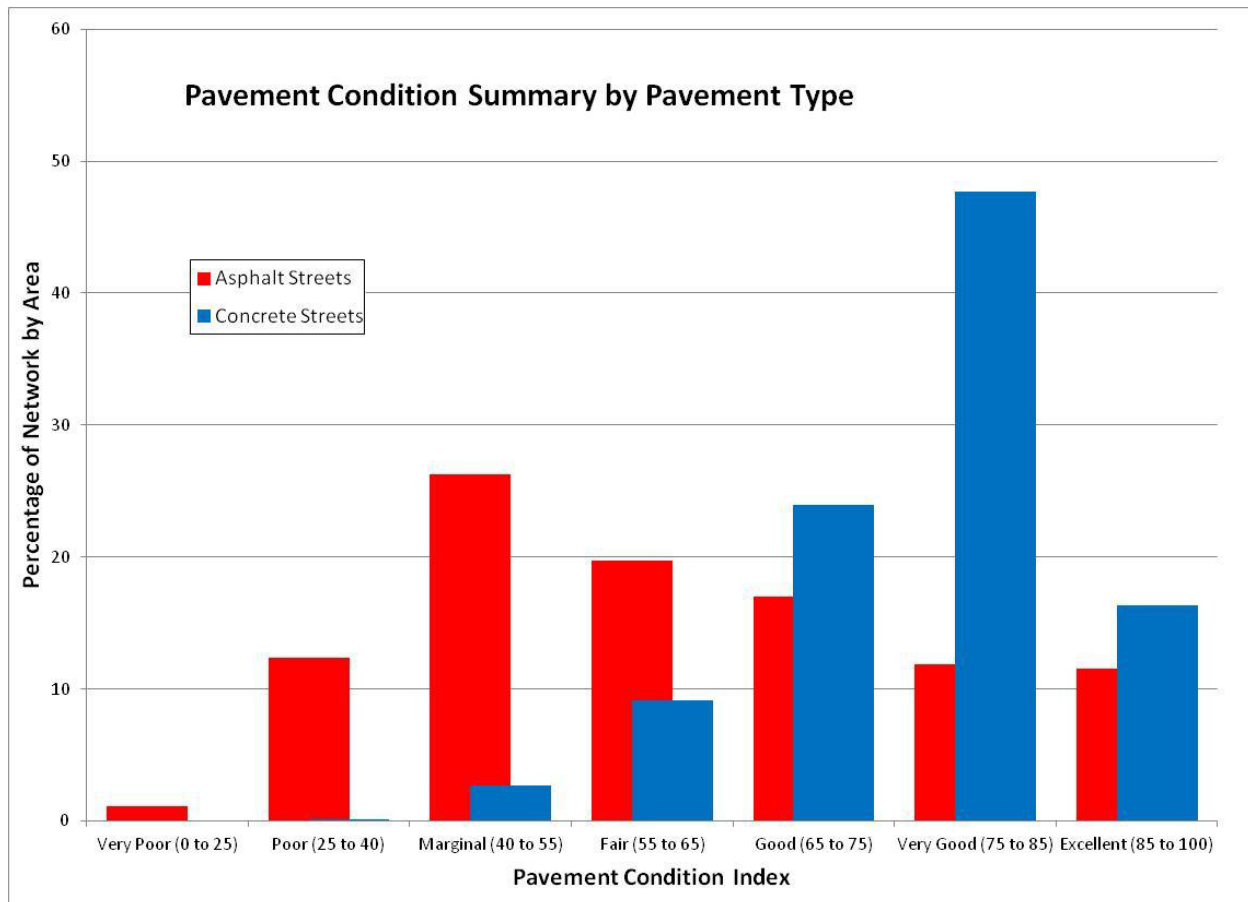


Figure 10 – OCI Distribution by Pavement Type Class
(IMS Pavement Management Analysis Report; January 2012)

Current Situation

In 2016, the Street Division budget for street repair and maintenance is about \$610,000. Following their 2016 retreat, the City Council appointed a Streets and Roads Initiative Committee consisting of Councilmembers Mike Wallin, Chet Makinster, and Steve Moon, to consider and recommend methods to enhance street maintenance. The Committee began meeting on March 4, with two subsequent meetings, to review information regarding pavement condition, current street maintenance and repair funding and costs. The Committee then discussed potential methods to enhance street maintenance efforts through re-allocation of existing funding and/or obtaining additional funding.

The Committee requested staff to recommend priority street segments for rehabilitation if \$1.5 to \$2.0 million in bonded funding was provided. The attached Priority 1 Project List – Staff Recommendations, presents our recommended street segments. The Committee also requested staff to determine the annual and one-time costs to enhance street maintenance work by the Street Division. That information is presented in the attached table labelled Street Maintenance Costs: Additional Crew plus Equipment and Material. This table shows productivity for the last four years and how that would change with additional labor, equipment, and material.

At the April 28, 2016 city council workshop, the Committee will discuss street maintenance information and issues with the full council.