

# Memorandum

**To:** Board of Commissioners  
**From:** Eric W. Shanley, P.E., Director of Highways  
**Date:** December 16, 2019  
**Re:** 2019 End of Year Report

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Major contract road work in 2019 on Bunco Road, Hayden View and Lookout was completed at a cost of approximately \$2,282,000. Work included approximately 12,000 tons of asphalt paving on approximately four (4) miles of road. Work included approximately 1.6 miles of road reconstruction and 2-miles of full depth reclamation work.

2019 road work also included approximately 18.6-miles of chip sealing, 10 cul-de-sacs, 2.0 miles of double shot bituminous surface treatments (BST) to gravel roads and 19 miles of crack sealing. The Districts work this year reduced our gravel road miles to approximately 7.307-miles, down from 33-miles in 2011 and 40-miles in 2006. Chip seal miles were less than anticipated this year due to weather.

Based on current pavement assessments and 2019 completed road work, the District's Average Network Pavement Condition remains in the Very Good Condition, with over 90% of the roads considered in the Very Good Condition.

Other improvements this year included: turnlanes on Diagonal and Howard Road, guardrail installation on the East Hayden Lake Road and completion of the design for the Ramsey/BNSF Grade Separation Project. Right-of-way acquisition on the Ramsey/BNSF Project is also now complete with bidding anticipated after the first of the year, with construction in the Spring of 2020.

District staff is in the final design stages for our 2020 scheduled road projects. 2020 projects include approximately \$2.0 million in contract work and \$0.5 million in chip sealing. The District with its own forces is also anticipating Bituminous Surface Treatments to Nash, 3<sup>rd</sup> Avenue (Spirit Lake) and Willadsen Road, as well as chip sealing approximately 25-miles. With on-going Geotechnical Investigations and design considerations for Remington and Weir, staff anticipates a revised Capital Improvement Project List and State of Roads Report to be submitted for the Boards consideration in January.

For the winter snow season, the District begins preparing in October/November, starting with winterizing specialty equipment, installing de-icer systems, sanders and snow wings. Our current snow fighting equipment and routes for this season consists of 10-plow trucks on 8-routes, 6-medium duty de-icer truck plows on 4-routes and 3- graders on 2-routes. Each of our 10-plow trucks are equipped with wings and we have 8-sanders.

On the Administrative side of the Districts work, we are continuing to experience a significant increase in permitting, subdivision platting and engineering reviews. This this in addition to construction oversight of new subdivision roads and the associated building permits from new home construction. The District is also experiencing an increase in zone change requests, special notice permits, conditional use permits, variances, encroachments, commercial approaches, City annexation requests for comment and subdivision reviews.

Administratively in 2019 the District reviewed, inspected road construction and finalized more than 60 new subdivisions. In addition to subdivisions, permitting was up by approximately 20%.