

# Memorandum

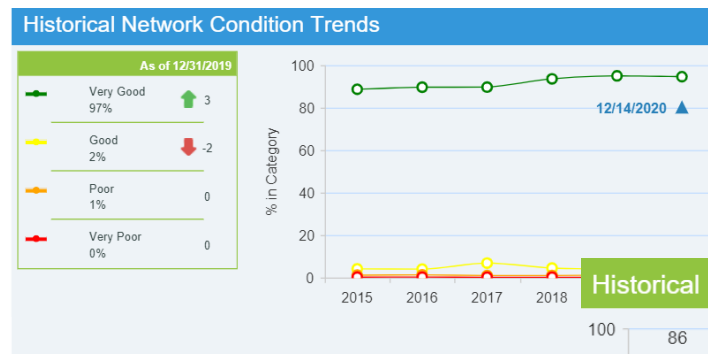
To: Board of Commissioners  
From: Eric W. Shanley, P.E., Director of Highways  
Date: December 21, 2020  
Re: 2020 End of Year Report, 2021 Forecast

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Major contract road work in 2020 on Brunner, Remington, Weir, Packsaddle, Crestwood, West View, Sundance and Summit was completed at a cost of approximately \$1,790,000. Work included approximately 23,000 tons of asphalt paving on approximately 8 miles of road. Work included approximately 6 miles of overlay and 2-miles of pulverization and overlay.

2020 road work also included approximately 20.4-miles of chip sealing, 2.1 miles of double shot bituminous surface treatments (BST) to gravel roads and 12 miles of crack sealing. The Districts work this year reduced our gravel road miles to approximately 5.207-miles, down from 33-miles in 2011 and 40-miles in 2006.

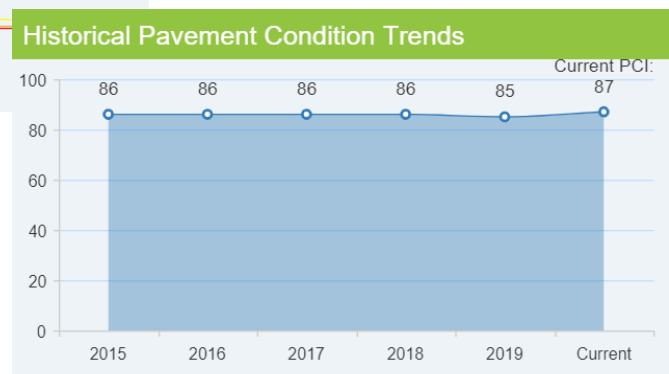
Based on current pavement assessments and work completed in 2020, the District's Average Network



Pavement Condition remains in the Very Good Condition, with over 90% of the roads considered in the Very Good Condition.

This while Historical Pavement Condition Trends continue to react to planned

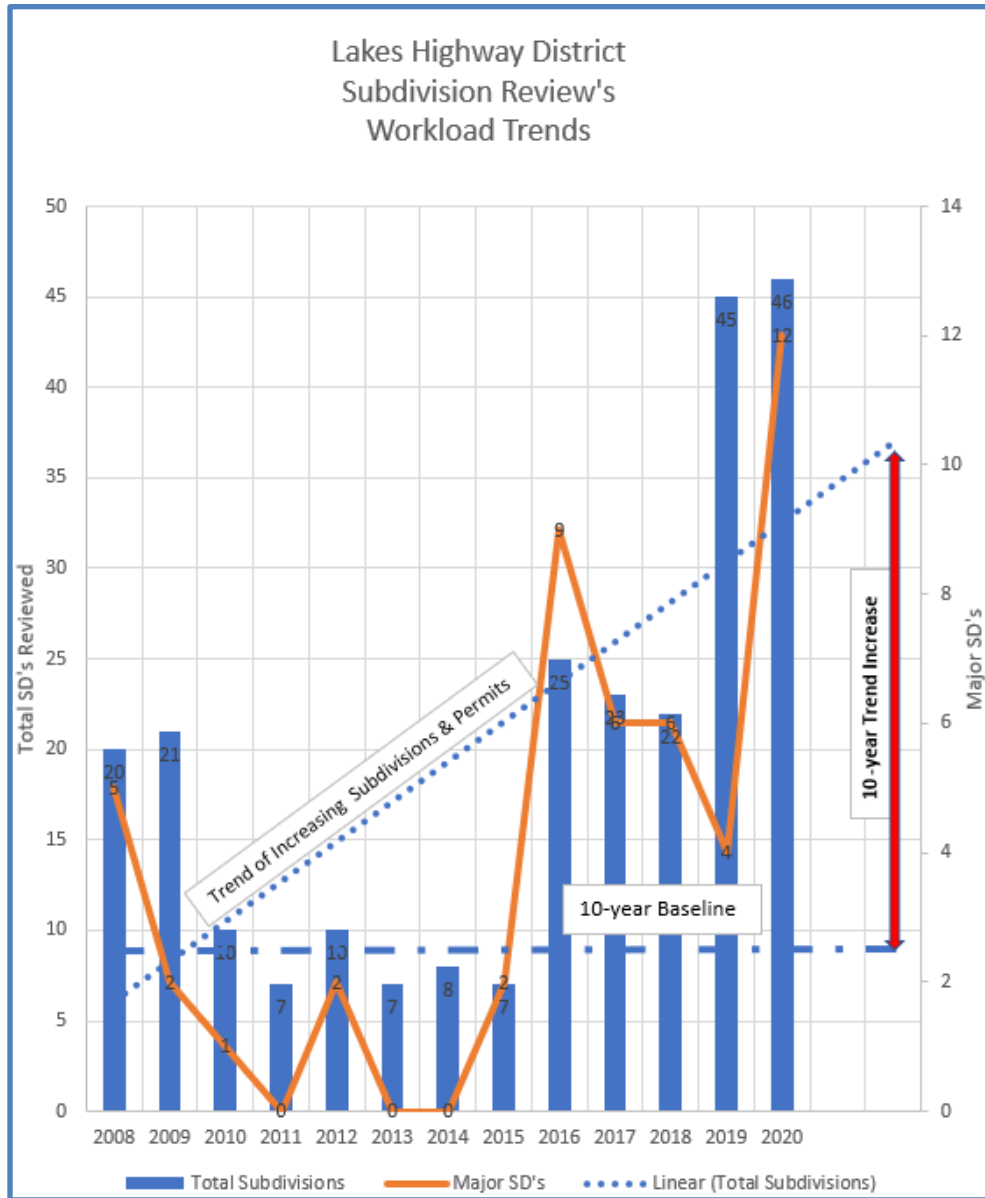
treatments as described in our State of Roads Report, +/- 3 percentage points based on roads aging through treatment cycles. In 2020, the District Pavement Condition Index increased two (2) points from last year.



Other significant improvements this year included the Scarcello Road Extension as part of the Ramsey/BNSF Grade Separation Project and the recent opening of SH 53 and US 95 Interchange Project that included several new frontage Roads and properties that the District will acquire (Govt Way, Vernon J. Baker and Old SH 53). Based on the State and Local Agreement with ITD as part of the District participation in this project, the District will be acquiring additional property that adjoining our Garwood Pit and also the Old Garwood Saloon Site.

Administratively, the Districts work is continuing to experience a significant increase in permitting, subdivision platting and engineering reviews. This with the COVID-19 Pandemic.

Construction oversight of new subdivision roads and the associated building permits from new home construction increased in 2020 from that of 2019. In 2020 the District reviewed plats, subdivision roadway design, performed construction inspections are various stages of completion on nearly 50 new subdivisions, including several additional that haven't been formally submitted. The following is a graphical representation of the subdivision trend over the past 10-years.



In addition to yr. 2020 subdivisions the District processed more than 225-Approach Permits, 30-Road Development Agreements, 5-Agency Agreements, 55-Site Disturbance Permits, 6-Conditional Use Permits, 4-Special Notice Permits and 5-Special Events Applications. It's important to recognize that each of these items will typically require a different level of effort. In example:

- Approach Permits will typically include 3-site visits (pre-construction for site distance, construction inspection and final signoff), this in addition to a minimum of four (4)

Administrative interactions (Initial Applicant Contact, Staff, Notary Signature, and Final Completion/Filing).

- Road Development Agreements typically require multiple interactions and hours of the Directors, Clerks and District Attorneys time to coordinate and prepare RDA's through coordination and interactions with the Owner/Client. This work is in addition to typical subdivision reviews and construction efforts performed by the District.

From an on-going and current maintenance standpoint, the District began preparing for winter operations in October of this year, with its first snowplow effort on October 24th. Preparation for the first event began the first week of October 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.

Looking ahead towards 2021 there are several major projects planned, including a Western Federal Lands Project that will construct improvements to Bunco Road to include two major curve improvements and overlaying of approximately five (5) miles of road. The District is also preparing construction plans to overlay portions of Government Way, Dodd, Strahorn, Foxborough, Clagstone, Ohio Match, Parks and Lewellen Creek, Other work includes completion of the Ramsey Road, Chilco to Scarcello Project and design of safety improvements to the Cape Horn Road.

The District with its own forces is also anticipating Bituminous Surface Treatments to Mokins Bay Road and as well as chip sealing approximately 25-miles.