

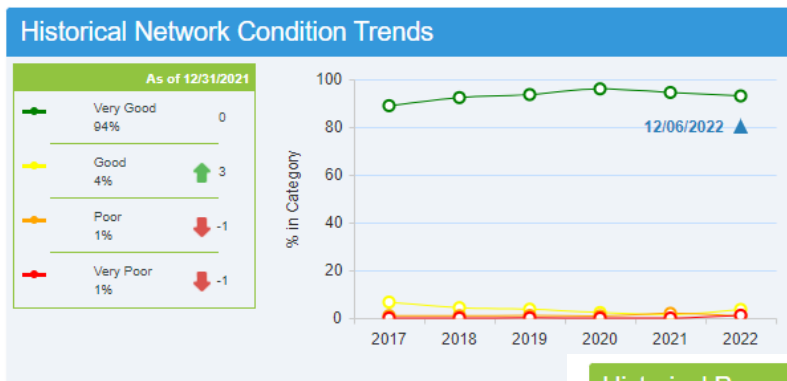
Memorandum

To: Board of Commissioners
From: Eric W. Shanley, P.E., Director of Highways
Date: December 2022
Re: 2022 End of Year Report, 2023 Forecast

Major contract road work completed in 2022 included pavement overlays on Rimrock, Hudlow, Nunn and the Spirit Lake Roads. Spirit Lake Road work included pre-pulverization and recycling of the existing pavement in advance of the overlay. The contracted work included placing approximately 22,160-tons of asphalt on approximately 19.5-miles of road at a completed construction contract amount of approximately \$2.34 million dollars.

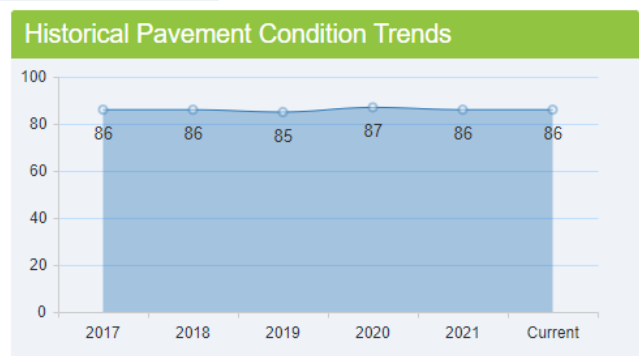
2022 road work completed by District Forces included approximately 23-miles of chip sealing.

Based on current pavement assessments and work completed in 2022, the District's Average Network Pavement Condition remains in the Very Good Condition, with 94% 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.

Like in previous years, in 2022, the Districts Pavement Condition Index fluxuated within these limits, which reflects our goal of: "Keeping our good roads in good condition and applying the right treatment to the right road, at the right time. This to keep an equivalent and consistant Pavement Condition Index on District Roads."



Administratively, the Districts work is continuing to experience a significant increase in permitting, subdivision platting and engineering reviews. District staff has reviewed plats, subdivision roadway design, performed construction inspections are various stages of completion, including construction inspections on approximately 10 Major Subdivisions, 40 Minor Subdivisions and several additional that haven't been formally submitted. Additionally, the District processed approximately 365-Building

Permit Applications and the associated approach permits, recordings and inspections for new residences.

From an on-going and current maintenance standpoint, the District began preparing for winter operations in October of this year. Preparation began 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. We also use 2-dump trucks and 550-trucks (w/o sanders & de-icers) that are used to haul trees and other debris that accumulate during storm events.

Looking ahead towards 2023 there are several major construction projects planned, including approximately 25-miles of chip sealing and contracted construction work on Cape Horn, Ramsey, Seasons, Twete, and Diagonal Roads. This District is also involved with work at the Ramsey and SH53 Signal replacement project schedule for this next season. Other on-going design projects include: Lancaster and Huetter Round About, The Old Hwy 95 Bridge Realignment, the Parks Road Interchange Project and development of the new Garwood Maintenance Facility.