

Memorandum

To: Board of Commissioners
From: Eric W. Shanley, P.E., Director of Highways
Date: December 2024
Re: 2024 End of Year Report, 2025 Forecast

District Maintenance and Road Work

The primary focus of the District this year was construction of the new Garwood Operations Center. This work was valued at approximately \$10 million dollars. The project that concluded in October took approximately 3-years from start of the initial facilities planning work, scoping and design. The project was designed by H2A Architects and constructed by Kilgore Construction on 10-acres donated by the Idaho Transportation Department. Upon moving into our new facility, the City of Hayden took over the ownership of our old facility on north Ramsey Road.

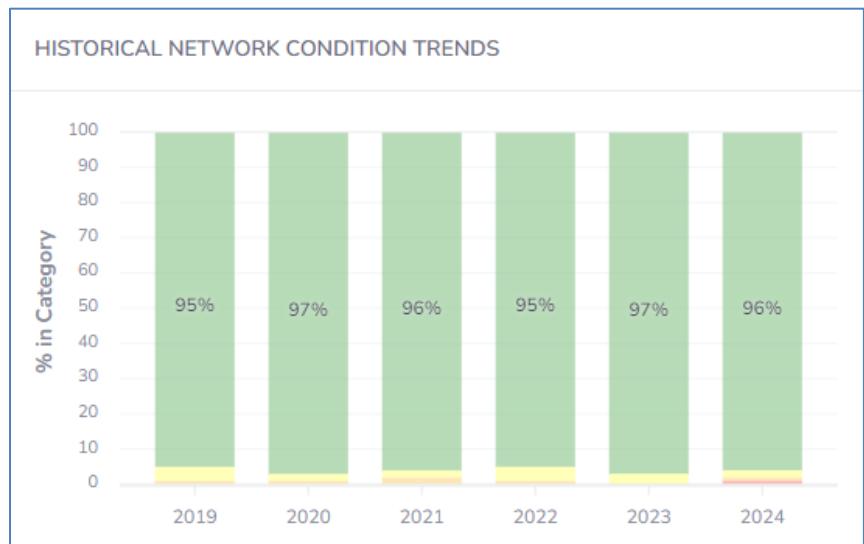
Major road work completed this year by District Forces included clearing of approximately 1.7-miles of new rights-of-way on Diagonal Road east of SH41, road network pavement markings, crack sealing and chip sealing 22-miles of District Roads. Other work included the rehabilitation and overlay of the Upper East Hayden Lake Road between Doe Run and Half Mile Lane.

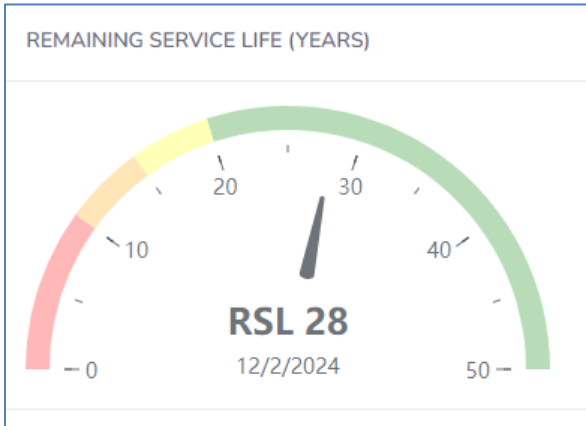
Staff also helped manage and provided construction oversight on several projects within our District that were funded by outside resources. Work included guardrail installations on the East Hayden Lake Road, Rimrock, Ohio Match, Twin Lakes and Perimeter Roads. These projects were in addition to the development construction projects providing new roads within the Lone Mountain 7th, 8th and 9th Additions, Bunco Ranch, Revelstoke and Timberland Ranch subdivisions.

Pavement Condition

With consideration to our annual roadway pavement inspections and work completed by the District, our current Network Pavement Condition remains in Very Good Condition, with 96% rating at this level.

Maintaining our pavements in good condition remains our highest priority. This as maintaining pavement in a good condition is much more cost effective than it is to defer maintenance at a high expense at a later date.





Remaining Surface Life of Roads

The Districts work in maintaining our roads in their current condition equates to a Remaining Surface Life of 28-years using typical low cost preventative maintenance techniques such as crack sealing, chip sealing and overlaying at the appropriate time. Typically, overlaying occurs between the 10 and 15 year old mark due to the accumulation of vehicle trips that distress roads.

Winter Maintenance

The District routinely begins preparing for winter operations in October of the year. Preparation includes 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, 8-medium duty de-icer truck plows on 5-routes and 3-graders on 2-routes. Each of our 8-trucks that are assigned plow routes have a main front plow, snow wings and sanders with pre-wet systems. Additionally, each of our de-icer trucks that are assigned routes are equipped with a main plow, wing and chemical de-icer tank.

At both the Garwood Operations Facility and the Belmont, our current fleet includes a single backup plow truck, dump truck (w/o sander) and a 550-pickup (w/o de-icers). These backups are used in the event of a plow breakdown and/or to haul trees and other debris that accumulate during storm events.

Other Administration Work

Administratively, the Districts work also includes responding to building and site disturbance permits issued through the County, utility and approach permit applications, subdivision platting, culvert and sign inventory, rights-of-way acquisition, engineering design reviews and subdivision road construction inspections.

Next Year

Looking ahead towards 2025 there are several major construction projects anticipated in addition to our routine maintenance and chip sealing program. On-going design and right-of-way projects include the Diagonal Road Rehab, Season Road Overlay, Tree Farm Overlay, the Old Hwy 95 Bridge Realignment, and the Parks Road Interchange Project. Staff anticipates bidding the Diagonal, Season and Tree Farm road projects this February for spring construction. This is in advance of our annual pavement marking chip sealing and culvert restoration work.

This concludes my report.