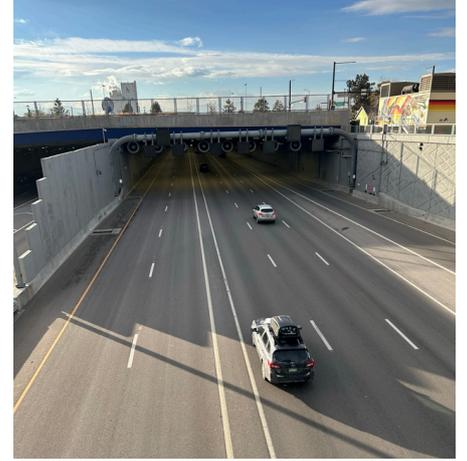
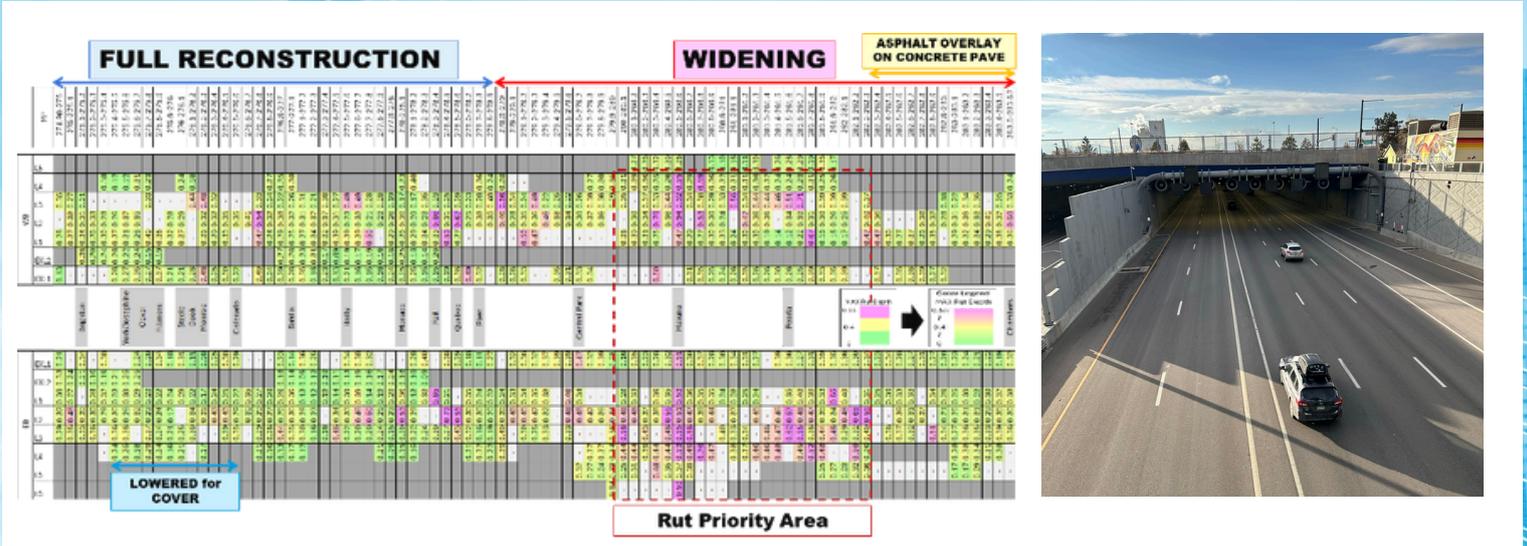


Central 70 Pavement Condition Assessment/Jan 2025

Colorado



NEXCO conducted a pavement condition assessment for a 130-lane-mile PPP section of I-70 in Denver, Colorado. The assessment covered main lanes, shoulders, ramps, and overpasses. While asphalt was the primary pavement surface type, some concrete pavement was also included. Data was collected using our 3D pavement scanning system, Smart EAGLE, and the results were reported in accordance with the performance specifications outlined in the PPP agreement. This was the fourth time that NEXCO had conducted a survey for this section.

Project Details

- Client : Roy Jorgensen Associates, Inc.
- Target Section : 130 lane-mile
- Reporting Metrics: Rutting Depth / Distress Length & Area / Crack Seal Length / Ride Quality (International Roughness Index)
- Used Technologies: SmartEAGLE (3D Pavement Scanning System) 
Inertial Profiler (Ellisco Profiling, Inc.)
- Project Period: January / 2025

Impression

By mapping areas that exceeded target values on a lane-by-lane basis, we provided materials that could be directly incorporated into the client's maintenance plan. In addition to reporting on each evaluation metric, we also integrated the results of rutting, distresses, and IRI and proposed a method for prioritizing repairs. The client also appreciated the timely and efficient delivery.