

Powered by Local Expertise and AI-Driven Pavement Data

Richfield City, nestled in central Utah, needed a modern solution to manage its growing roadway challenges. Budget constraints, outdated documentation, and increasing demands for transparency pushed the city to rethink how it prioritizes repairs and communicates with residents. Together with Jones & DeMille Engineering (JDE) and vialytics, Richfield shifted from reactive decision-making to data-backed, strategic planning.

About Richfield City

With just over 7,100 residents, Richfield is the largest city in central Utah and serves as the region's commercial, cultural, and recreational hub.

Surrounded by red rock mesas and snow-capped peaks, the city offers a high quality of life and year-round outdoor access. Despite its size, Richfield faces the same infrastructure challenges as larger cities — aging roads, limited budgets, and increasing expectations for service and



The Challenges

Before partnering with JDE and vialytics, Richfield relied on outdated road condition data and limited visual inspections to guide repair decisions.

Decisions were often reactive, and without objective data, long-term planning felt out of reach.

This made it difficult to:



Compare roadway
conditions across
the city



Justify funding and
allocation of resources



Maintain fairness and
transparency with the City
Council and community

The Partnership

Jones & DeMille Engineering has served Richfield for over 43 years, with its flagship office based in the city. As a trusted local engineering firm, JDE had deep knowledge of the community's infrastructure and recognized the opportunity to modernize road planning with vialytics' AI-powered platform.

Together, the teams provided:



AI-Driven Pavement Assessments

vialytics collected objective roadway condition data through smartphone-based video and machine learning.



Localized Planning Expertise

JDE interpreted the data, provided planning support, and helped integrate results into Richfield's workflows.



Strategic Maintenance Recommendations

The team bundled projects for cost-efficiency, extended the life of fair-condition roads, and prioritized based on need—not noise.

"By working together, the process became much more efficient. vialytics handled the data collection and analysis, while we helped the city"



Micklane Farmer
JDE Project Manager

Why This Project Stands Out:

What makes this partnership special is its combination of innovative technology and local commitment. JDE's flagship office is based in Richfield, and many of their engineers live and work in the community. That hometown investment, combined with vialytics' scalable platform, delivered real, lasting value.

The partners:

Richfield City, UT

A growing regional hub that blends small-town character with outdoor access and regional services.

vialytics

A global provider of AI-powered road infrastructure tools, helping cities and counties of all sizes make smarter maintenance decisions.

Jones & DeMille Engineering

An award-winning infrastructure firm with 11 offices across the Intermountain West, including its flagship Richfield location.