

MEMORANDUM

TO: Asset Management Analyst **FROM:** J. Evans, Head of Infrastructure Maintenance **DATE:** April 5, 2024 **SUBJECT:** Action Required: Initial Analysis of Q1 Sensor Data

As you know, our new sensor network on the Liberty Bridge went live at the beginning of this year. We have now collected a full quarter's worth of performance data.

This initiative represents a significant investment and a strategic shift towards proactive asset management. Your role is to conduct the first official analysis of this dataset.

I need a concise report that goes beyond the raw numbers. I want to understand the story the data is telling. Are there any concerning trends? Have there been any unusual events? What are your top-line recommendations for my team?

Please provide your analysis, including key visualizations and actionable recommendations, by the end of the week. This report will inform our maintenance schedule for the upcoming quarter.