

Stakeholder Requirements Document: Metro Interstate Highway Infrastructure Study

BI Professional: Melissa Slawsky, BI Professional

Client/Sponsor: Metro Interstate

Business problem: How does traffic volume fluctuate over time? How do weather conditions impact traffic volume? Which holidays generate the highest volume of traffic?

Stakeholders: Alex P. Rodriguez, Vice President of Operations; Mathew A. Smith, Program Manager

Stakeholder usage details: Insights will support data-driven decision-making for infrastructure improvements. **Ask follow-up questions for more context**

Primary requirements:

- Must include fields for traffic volume, time, weather conditions, and holidays
- Should show fluctuations of traffic volume over time, including daily, weekly, and seasonal patterns
- Should show how different weather conditions influence traffic volume, including patterns that emerge during adverse conditions
- Should show which holidays generate the highest volume of traffic