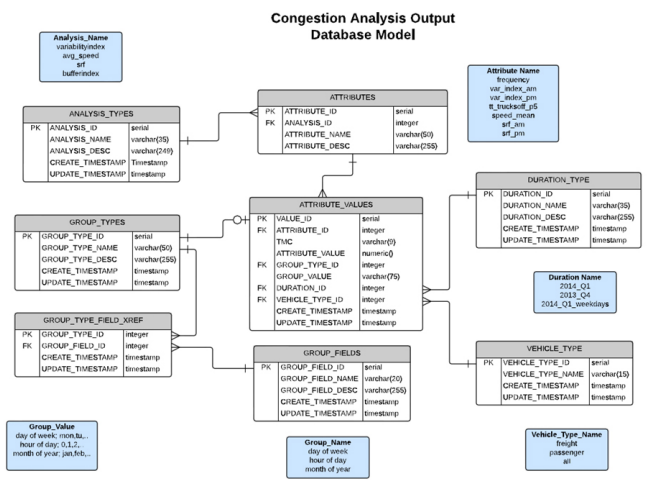




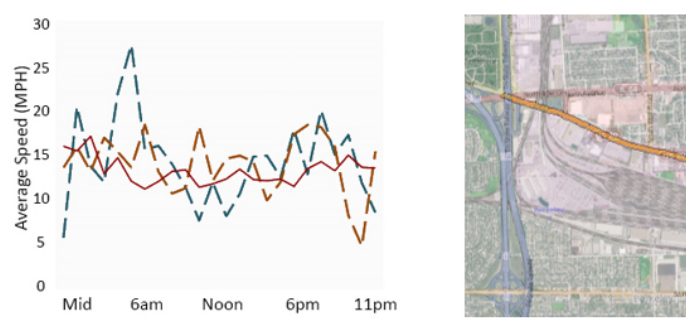
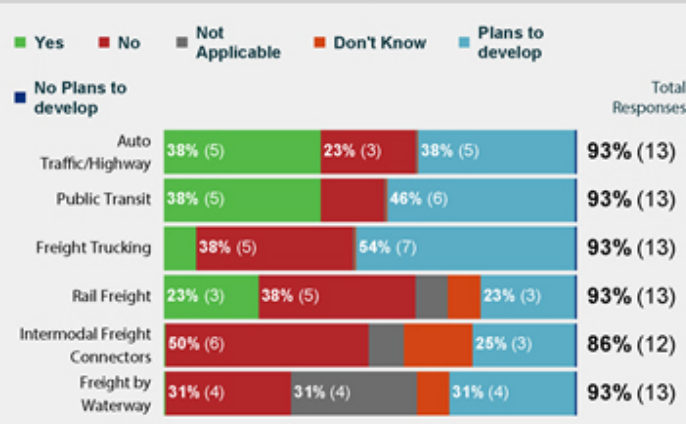
# TRANSPORTATION DATA ANALYSIS AND REPORTING

DAMA Consultants, Inc., implemented a cloud-based information systems to manage the large files capturing contemporary transportation data sets. These systems can address millions of records and analyze years of data with a single command issued by computers connected anywhere on the Internet. The systems are built on the Open Source PostGreSQL, PostGIS, and QGIS platforms and Amazon Web Services. The systems enable DAMA to easily update available sets with newly released data, identify spatial relationships between sources created for different reasons, and develop reporting to meet different applications.

Data from these systems can be tailored to meet the needs of individual jurisdictions, MPOs, local governments and councils, and studies focused on different types of corridors and roadway segments. The systems reduce the incidence of bias and reduced data diversity that can result from sampling and limited system capacity. High capacity systems allow DAMA to identify data quality issues that can be hidden when less information is available.



## 2. Please indicate whether your organization currently has established quantifiable performance measures in the following areas: Multimodal Mobility and Reliability Measures



	Weekday	Saturday	Sunday
IL4R_01	Almost steady. Variation between 16mph and 12mph.	Less fluctuations compared to Sunday. Variation	Variation between 27mph and 6mph.