Project Name:	National Performance Management Research Data (NPMRDS)
Owner/Client:	Federal Highway Administration
Type of Project:	Technical and Customer Support and Documentation
Location:	Nationwide
Completion Date:	2022
Contract Value:	$625,000

Project Description

The Center of Advanced Transportation Technology (CATT Lab) at the University of Maryland, along with INRIX, Texas A&M Transportation Institute, KMJ Consulting, Inc. and IDAX Solutions, is providing transportation administrators with data and technical support to accurately pinpoint where infrastructure improvements are needed most. The CATT Lab, as the primary contractor, will operate the data portal and analytics suites that provide users with data. The Map-21 rule-making features provide easy-to-use tools and dashboards to understand implications of each proposed requirement for each agency's local area. INRIX is providing historic-time location and speed data, while TTI conflates traffic data shapefiles with GIS elements from the national highway system (NHS) Highway Performance Monitoring System (HPMS) dataset. KMJ is responsible for Tier I technical support and several project management tasks.

NPMRDS is used by various states and metropolitan planning organizations (MPOs) to monitor system performance. NPMRDS provides free extensive and dependable data for passenger and economic freight roadway work across the National Highway System.

KMJ's Approach

KMJ is primarily responsible for providing Tier I technical support, including responding to technical support questions ranging from data access to HPMS conflation and data validation, NHS/shapefile coverage, and MAP-21 PM3 issues. KMJ fields 10 to 15 support requests per day and most are resolved within minutes – well under the 48-hour contract requirement. KMJ is also responsible for coordination of data access including the data sharing agreement process and development of the NPMRDS quick start guide.

Client Contact/Reference

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