



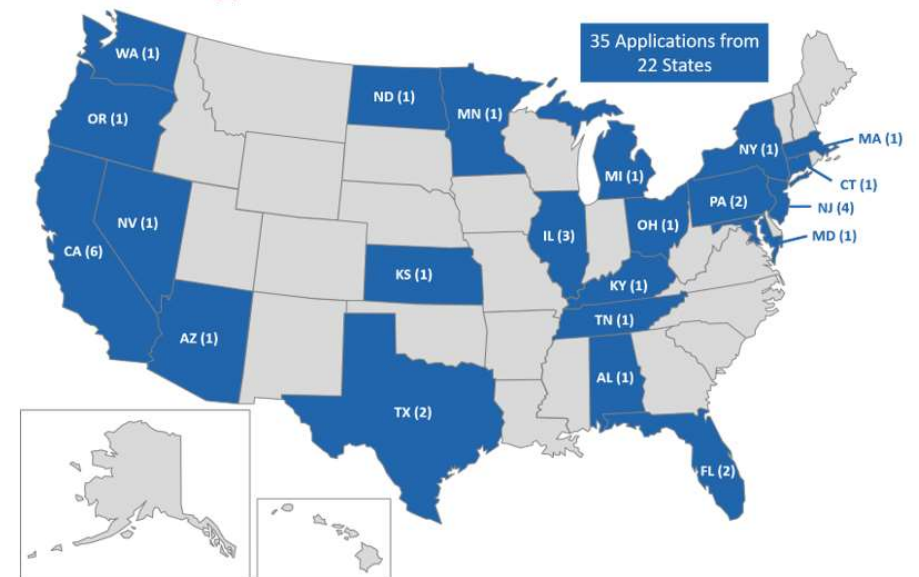
Kansas Department of Transportation
KanDrive.gov

Updates for ITS Heartland

April 30, 2024

Project Overview

- Great Plains Rural Freight Technology Corridor Project Grant
 - September 2022, KDOT Awarded a \$7 Million Grant by USDOT
 - Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) Grant
 - Fixing America's Surface Transportation (FAST) Act funding
 - Project Will Utilize Advanced Technology to Improve Safety and Economic Productivity Along US 83.

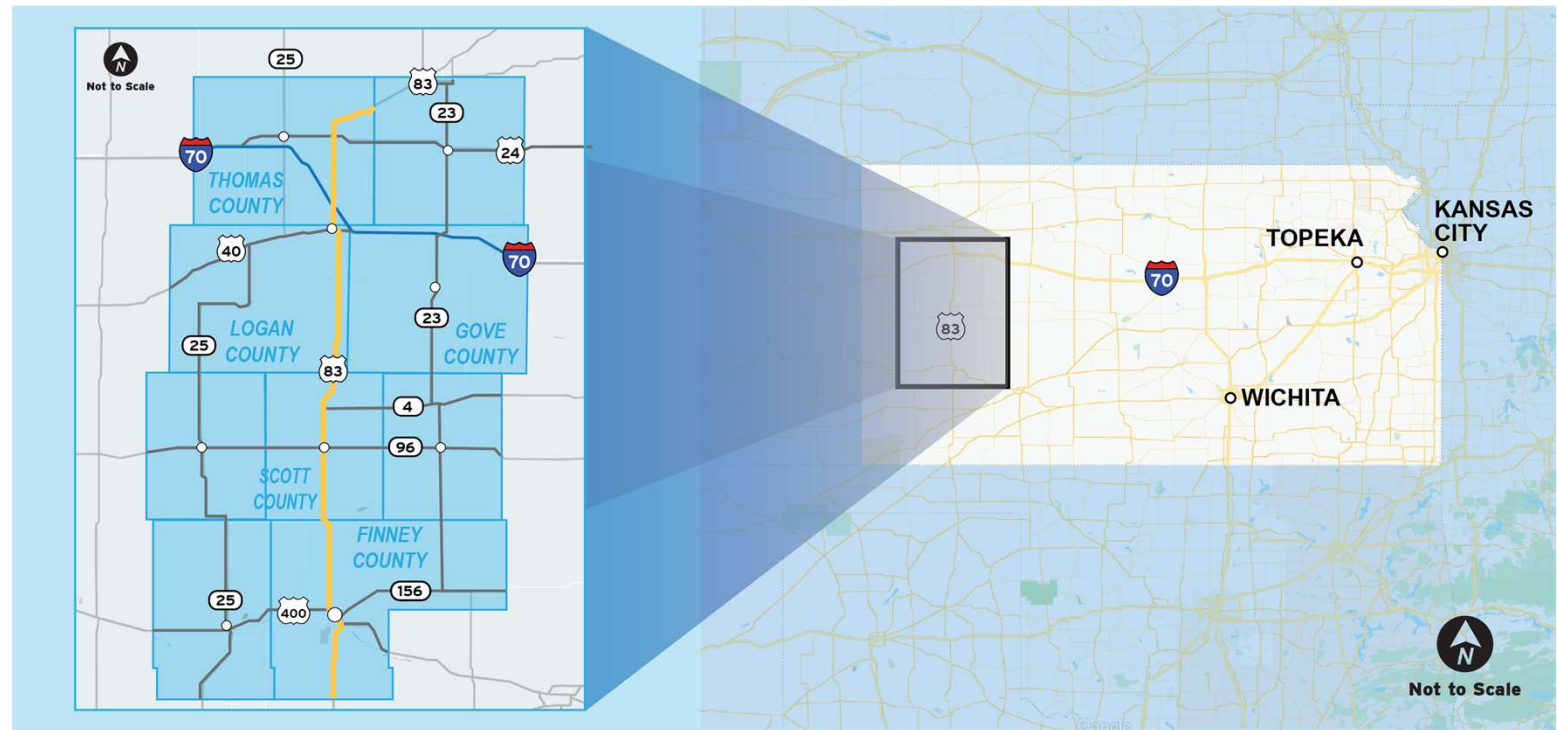


Out of 35 applications, 10 were selected

Project Overview

- US 83 Project Corridor

- Thomas
- Logan
- Gove
- Scott
- Finney



System Goal



Enable users to optimize time critical routing and arrival/departure, improving safety and productivity while reducing shipping costs and delays.

System Users

- Agriculture Shippers
- Energy Industry
- Manufacturers
- Distributors
- Vehicle Drivers



Advisory Group



Purpose:

- Provide Insight on Problems in the Corridor
- Provide Input on Proposed Project
- Provide Input on Communicating to Stakeholders
- Help Promote the Project
- Provide Opportunities for the Community to Benefit from the Project



KanDrive Enhancements Summary



- Enhanced information-sharing – new channels
- Public incident reporting
- Roadway weather data-sharing
- Work zone information enhancements
- Oversize vehicle tracking

Intro to KanDrive

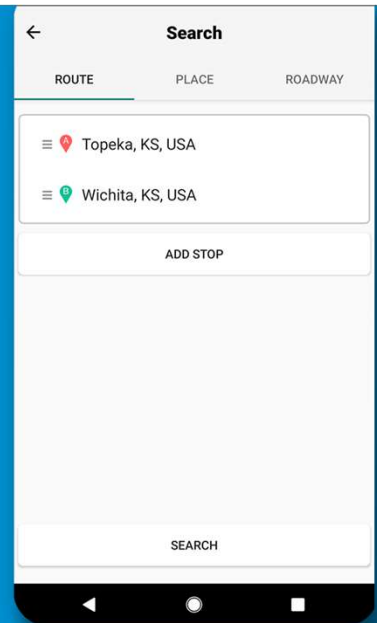
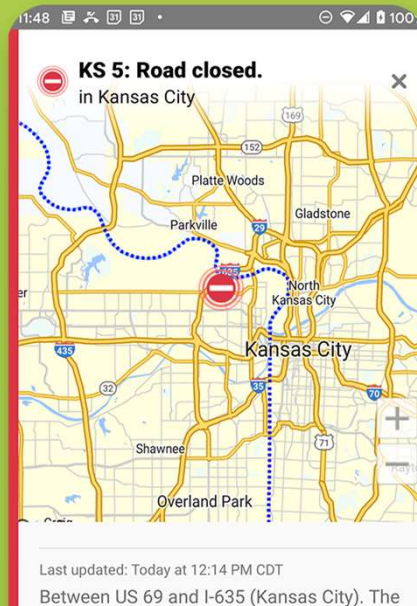


KanDrive

One-stop resource to see statewide traffic and commercial vehicle information.



Get details about road closures, detours, traffic impacts, road conditions and more statewide.



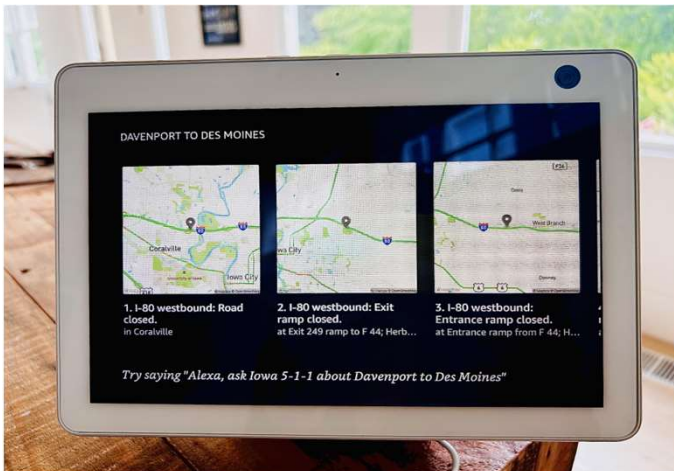
Use the new trip planner tool to help map your route.

KanDrive Enhancements

Enhanced Information Sharing

- CarPlay/Android Auto Integration
- Alexa Home Speaker Integration

Alexa Home Speaker



Source: Castle Rock

Apple CarPlay



Source: MOTORTREND, June 6, 2023

Android Auto



Source: Top Gear, January 19, 2023

KanDrive Enhancements



Public Incident Reporting

- By Voice
- One Touch

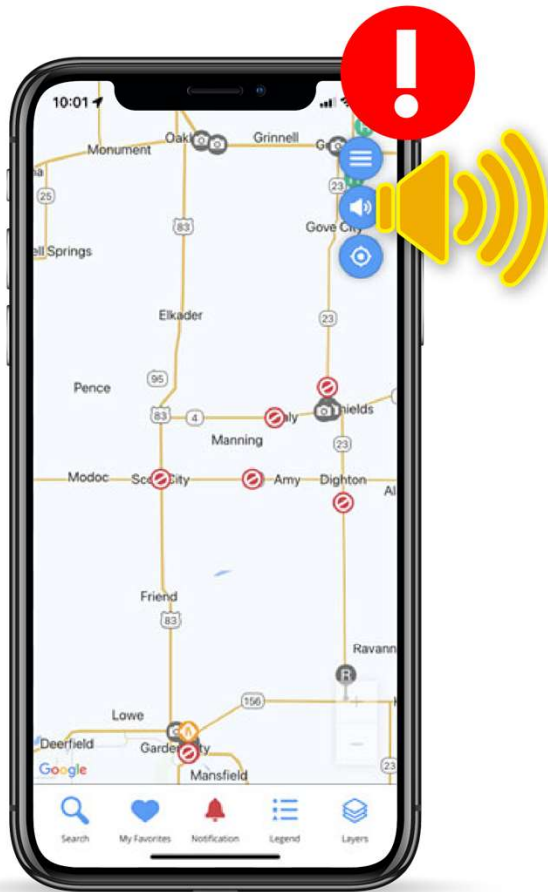


Source: KSNT, May 25, 2023



Source: Kansas Living Magazine, September 28, 2018

KanDrive Enhancements



Report a Concern

Use this form to let us know of any roadway hazards, repair needs, or issues that you encounter on Indiana interstates, U.S. highways or state highways. Specific details about the roadway hazard location enables us to respond quickly to customer concerns.

INDOT does not respond to reports containing profanity, obscenity, vulgarity, or defamatory or discriminatory language.

Report Details > Contact Details

Report Details

What is your concern?



Pothole



Something on Road



Broken Device



Report Restarea



Other

Provide details of your concern

Include which traffic lanes and direction of travel are impacted (if applicable).

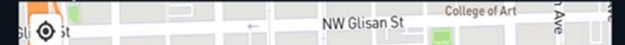
Location Details

Search for a location on the map

1234 Street

Use My Current Location

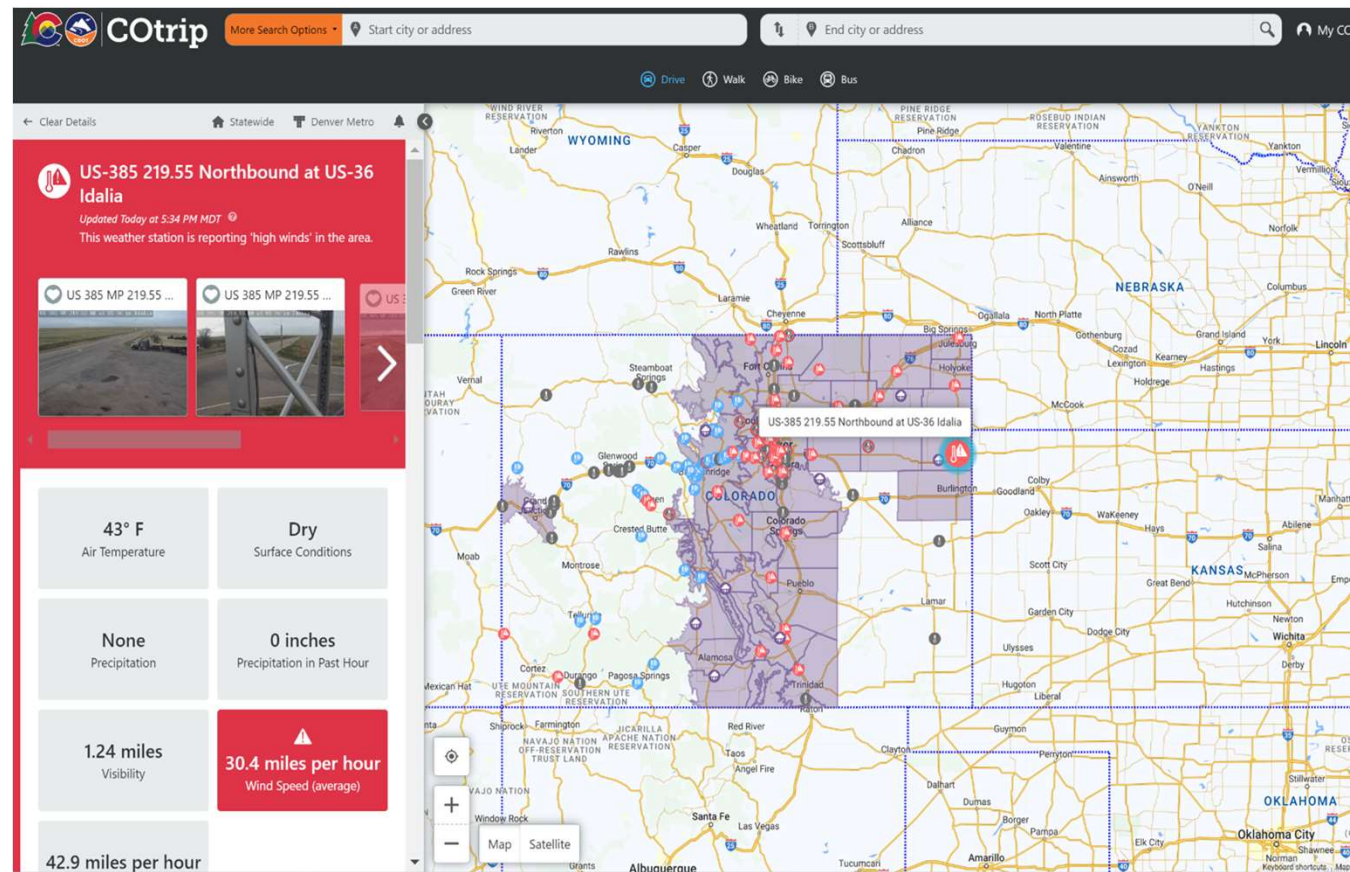
Where is your concern located?



KanDrive Enhancements

Roadway Weather Data-Sharing

- Roadway Weather Sites Displayed
- Click on site to get weather information
- Warning on severe weather conditions (e.g., High Winds, Low Visibility)



KanDrive Enhancements



Work Zone Data-Sharing Enhancements

- Work Zone Data Exchange (WZDx) Data Feed
- Work Zone Status Information
- Detour Recommendations Enhanced



Source: Pennsylvania DOT



KanDrive Enhancements



Oversize Vehicle Tracking

- Must use KanDrive App for Tracking
- Integrated with K-TRIPS
- Location of Oversized Vehicles shown on KanDrive map

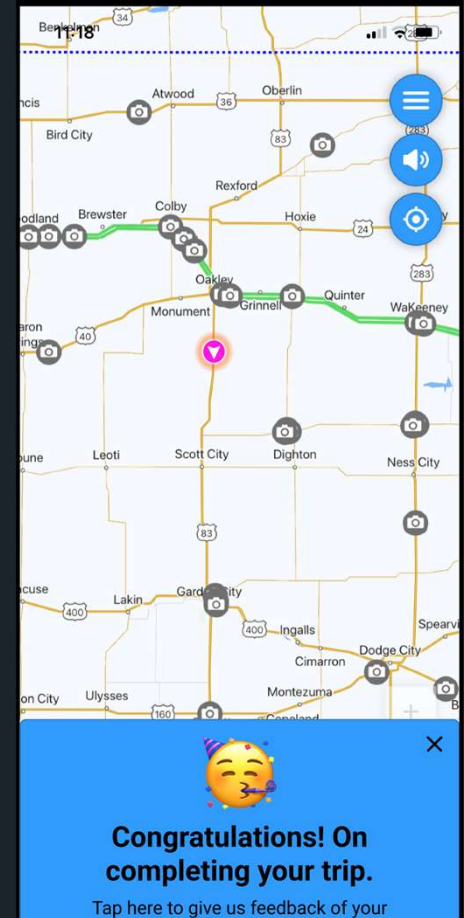
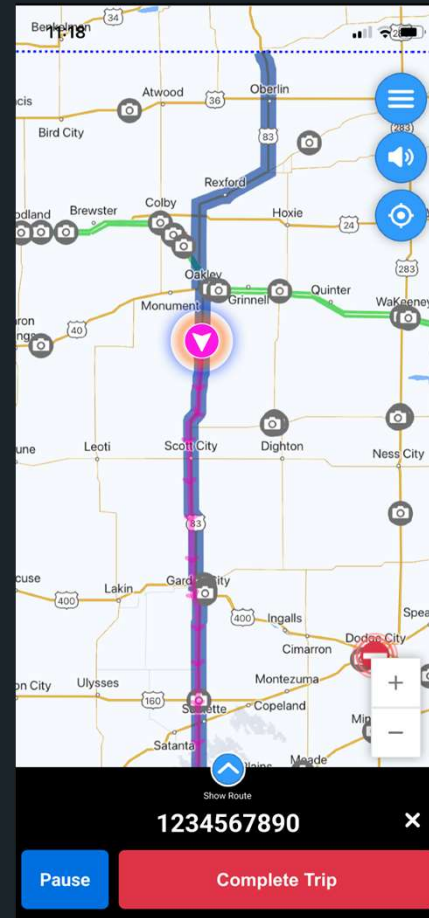
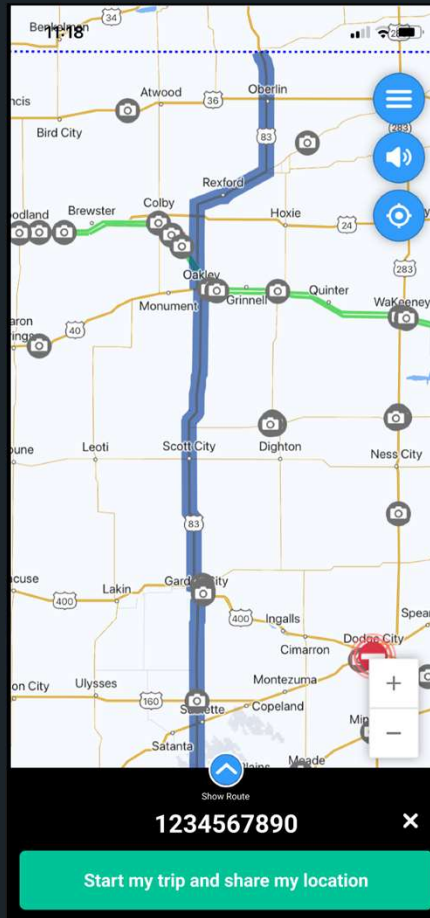
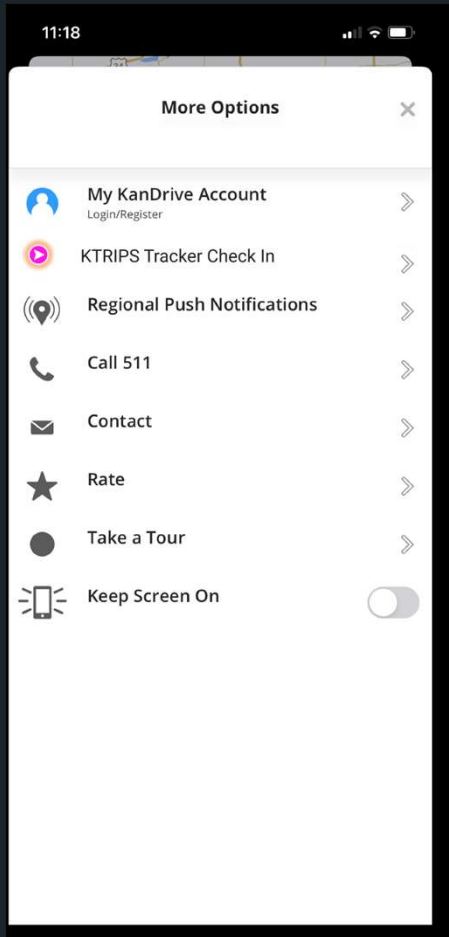


Source: Freight Waves, May 7, 2020



Source: TRUCK Smart, October 20, 2018

KanDrive Enhancements



KanDrive Enhancements



KanDrive US 83

← Clear Search Statewide WICHway KC Metro

3 Events for US 83

- US 83: Road construction.**
between Liberal and 7 miles north of the Liberal area
▶ 11'0" ▶ 75'0"
- US 83: Road construction.**
between 7 miles north of the Liberal area and 13 miles south of the Sublette area
▶ 80'0" ▶ 11'0"
- US 83 in both directions: Road construction.**
between 11 miles south of the Rexford area and 1 mile north of the Rexford area
▶ 14'0"

WICHway Links
About WICHway
Contact
FAQ
Reports

Metro Area Work Zones
Kansas City (KS)
Wichita

Weather
- Road Weather
- Information Systems
- National Weather Service
- Snow & Ice Management

Bordering States' Travel Info
Colorado
Missouri

Kansas DOT
- Download the KanDrive app
- All KDOT Social Media

Commercial Vehicle Operators
- Truck Parking Information

Oversize load on US 83

Summary



- Builds upon success of existing KanDrive program
- New, innovative methods of data-sharing
- Phased roll-out of enhancements
- All expected to be live by September 2024
- Performance Measures will allow us to study usage and reach of these enhancements





THANK YOU!

Questions?

Kevin Hennes, KDOT
Kristin Virshbo, Castle Rock Associates