



Advance Signage for Posted Bridges Study

Consultant Webinar

Microsoft Teams | June 29, 2026



Vision

Striving to be national leaders in transportation who provide transportation infrastructure and services for the 21st century that deliver new economic opportunities for all Kentuckians.

Mission

To provide a safe, efficient, environmentally sound and fiscally responsible transportation system that delivers economic opportunity and enhances the quality of life in Kentucky.

Agenda

- Introductions
- Study Goals
- Potential Scope of Services
- Prequalification Requirements
- Project Information
- Procurement Timeline
- Questions

Reminder: Start Recording



KENTUCKY TRANSPORTATION CABINET



Introductions

Study Background

- The 11th Edition of the Manual on Uniform Traffic Control Devices (MUTCD) requires the placement of an additional weight limit sign (R12-5 or R12-6), along with a distance or directional legend, in advance of a weight-limit posted structure so that prohibited vehicles can detour or turn around prior to the limit zone (MUTCD 2B.64.14).
- The Department maintains approximately 2,300 bridges which have a weight-limit posting.

Study Objective

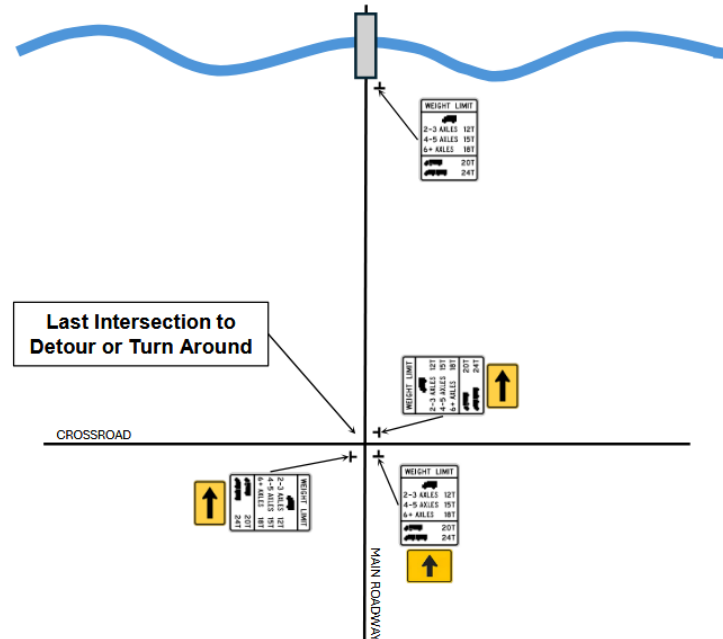
- The objective of this study is to systematically identify the most suitable location and assembly of signage and legends to meet the minimum requirements of the MUTCD and [KYTC Traffic Operations Memo No. 01-26](#).

KYTC Traffic Operations Memo No. 01-26

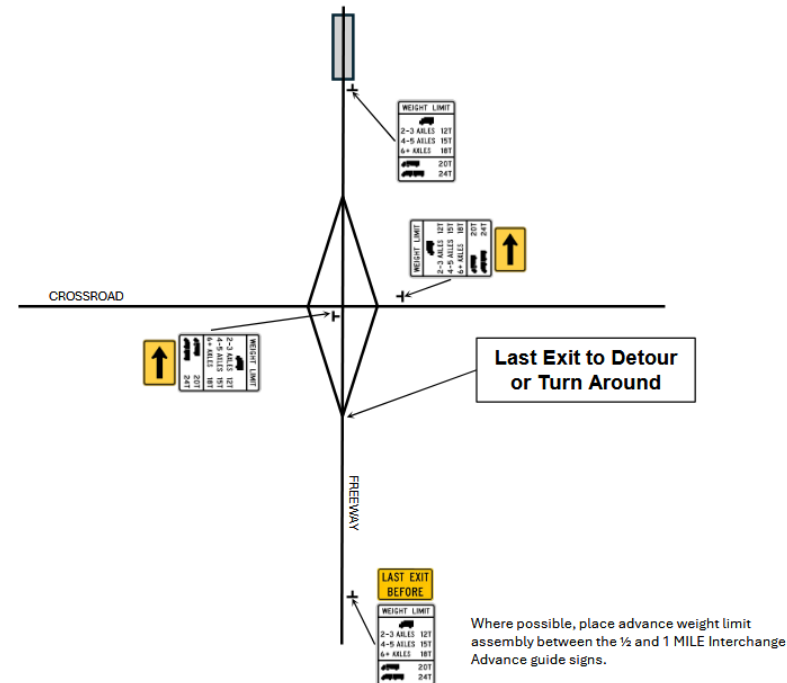
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Examples of Weight Limit Signing

A - Weight Limit Signing at Intersection



B - Weight Limit Signing at Interchange



Scope of Services (subject to change)

- Develop a scalable GIS-based methodology to map weight-posted bridges on state-maintained roadways, identify appropriate advance warning locations, and determine signage assembly, language, and legends.
- Define logic for selecting decision points, account for network topology, and identify and treat potential complex or edge cases

Scope of Services (subject to change)

- Apply methodology to posted structures on state-maintained roadways in a selected pilot county (or counties)
- Refine and repeat methodology on a county-by-county basis as weight posting data is processed by the Division of Maintenance
- Coordinate with Central Office & District Traffic Operations and Maintenance staff

Scope of Services (subject to change)

- Develop a QA/QC plan for quality control and validation of the collected data
- Compile into documentation and mapping which can be easily used as a guide to deploy signage as funding becomes available

Prequalification Requirements

Team must be prequalified in:

- **In-Depth Structure Inspection**
 - Familiarity with Bridge Posting
- **Advanced Traffic Engineering Design & Modeling**
 - Familiarity with Traffic Control Devices (signing)
- **Conceptual Transportation Planning**
 - Familiarity with processing transportation-related data

Project Information

Project Manager -	Nathan Ridgway, P.E.
User Divisions -	Planning, Traffic Operations, Maintenance
Traffic Operations Liaison -	Jason Hyatt, P.E.
Maintenance Liaison -	Dora Alexander, P.E.
Approximate Fee -	\$500,000 (Cost Plus a Fixed Fee)
Project Funding -	Statewide Planning & Research (SPR) Federal Funds

Procurement Timeline

Dates other than Response Date are tentative and provided for information only.

- Advertisement Date: July 14, 2026
- Response Date: August 5, 2026 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: August 10, 2026
- Final Selection: August 26, 2026
- Pre-Design Conference: September 2, 2026
- Consultant Fee Proposal: September 11, 2026
- Contract Negotiations: September 23, 2026
- Notice to Proceed: October 14, 2026

WEIGHT LIMIT	
	
2-3 AXLES	12T
4-5 AXLES	15T
6+ AXLES	18T
	20T
	24T



transportation.ky.gov

Questions?

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Slides and recording will be posted after the webinar.
Questions received prior to Advertisement date will also be posted (then normal process after Advertisement date).