



Kansas Midwest Road Usage Charge Research Update

Update for the Washington Joint Transportation Commission

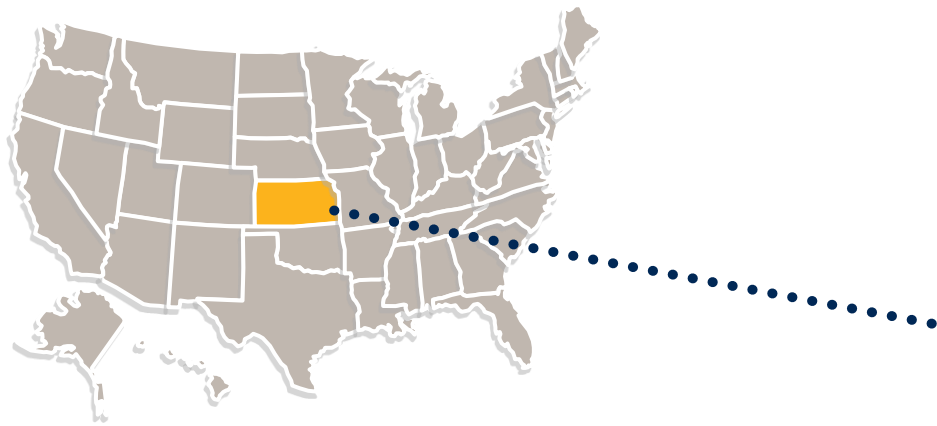
October 9, 2023

Representative Shannon Francis
Kansas State Legislature



Bringing the Midwest Perspective

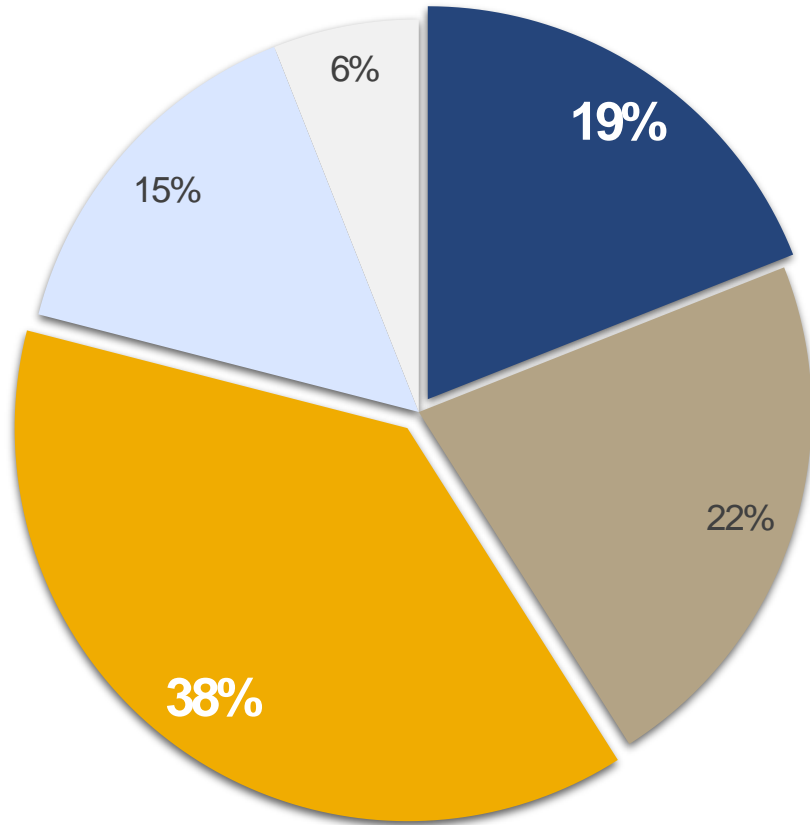
What are the impacts of a RUC policy on rural and agriculture communities, and the commercial trucking industry?



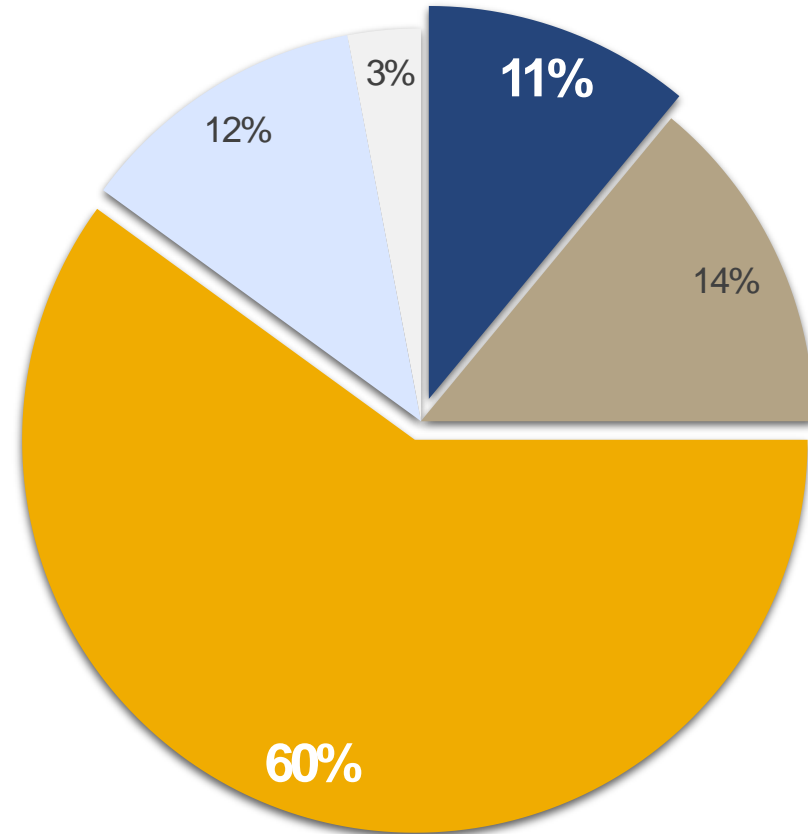
We are focusing on rural and agricultural communities, and trucking.

Transportation funding is changing in Kansas.

Revenue Mix in **FY2021**



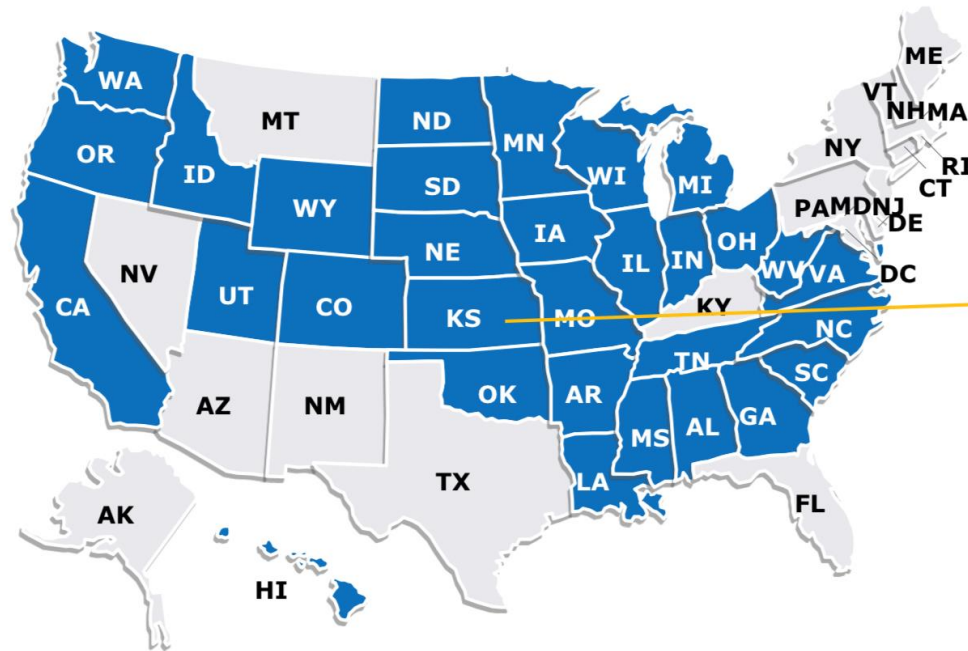
Revenue Projection for **FY2045**



17% of Kansas sales tax goes to the state highway fund



Special registration surcharges for electric & alternative fuel vehicles



States with special fees for plug-in electric vehicles

Kansas' fees on hybrid, all-electric, and plug-in electric vehicles

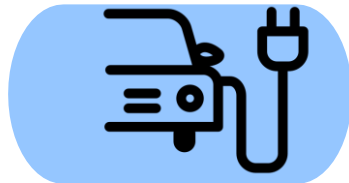
- All-electric vehicles: + \$70*
- Plug-in electric vehicles: + \$20*
- Hybrid vehicles: + \$20

**In addition to standard registration fees that all vehicles pay (\$30-\$40, depending on weight). Total fees capped at \$100 and \$50, respectively.*

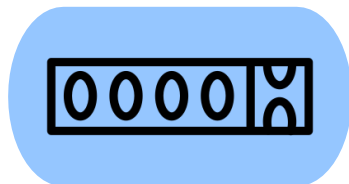
Kansas needs to understand which alternative revenue mechanisms can work for Kansas.



Special registration surcharges for electric & alternative fuel vehicles



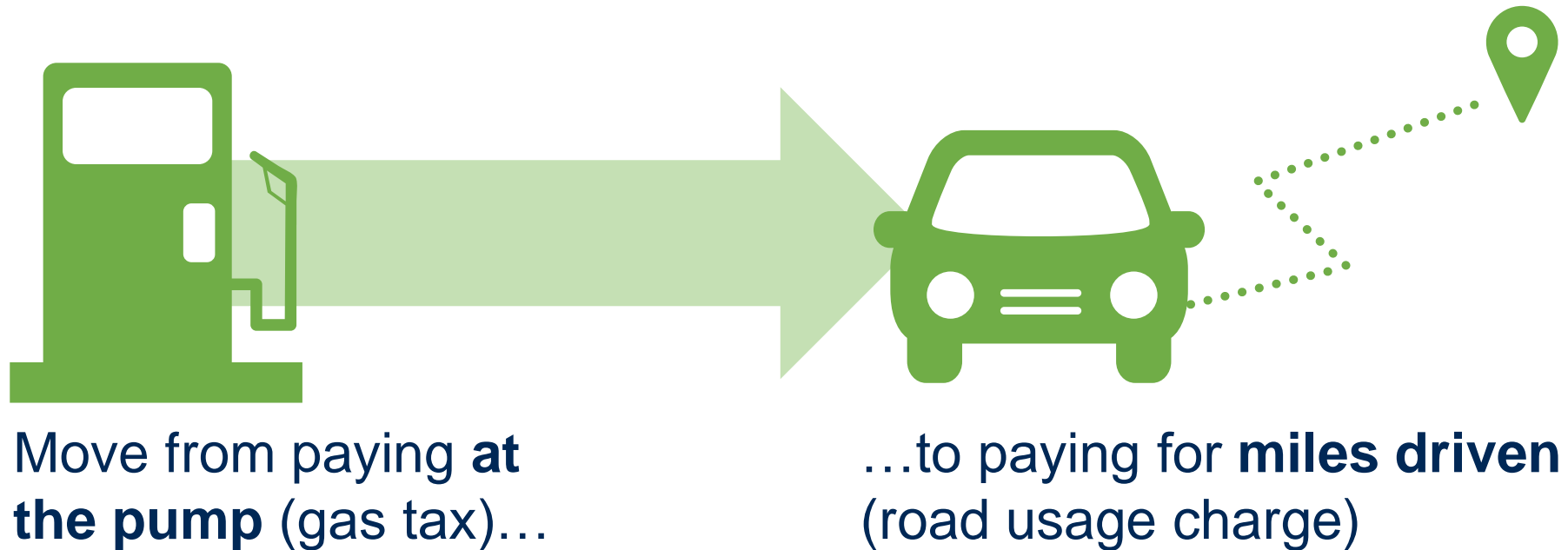
Taxing electricity used by electric vehicles



Mileage-based road usage charges (RUC)

Research Question:

Is RUC a desirable and viable option for Kansas to achieve a sustainable transportation revenue source?



Our Study – Two Phases Completed



Outreach

SEPT. 2021 – JUNE 2022

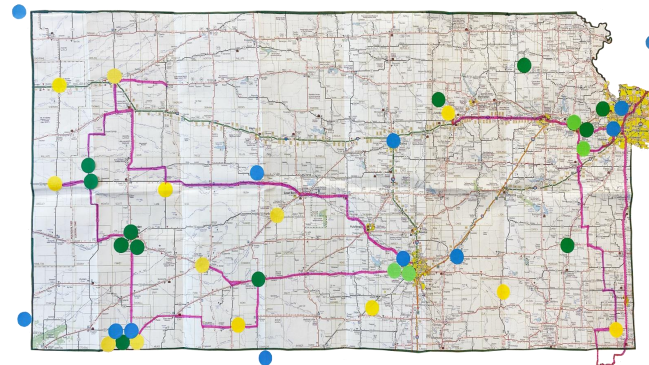
- Research partners
- Internal agencies
- Community partners



Pilot Design with Kansans

JULY 2022 – SEPT. 2023

- 42 in-depth interviews
- 2,100 driven to meet with Kansans



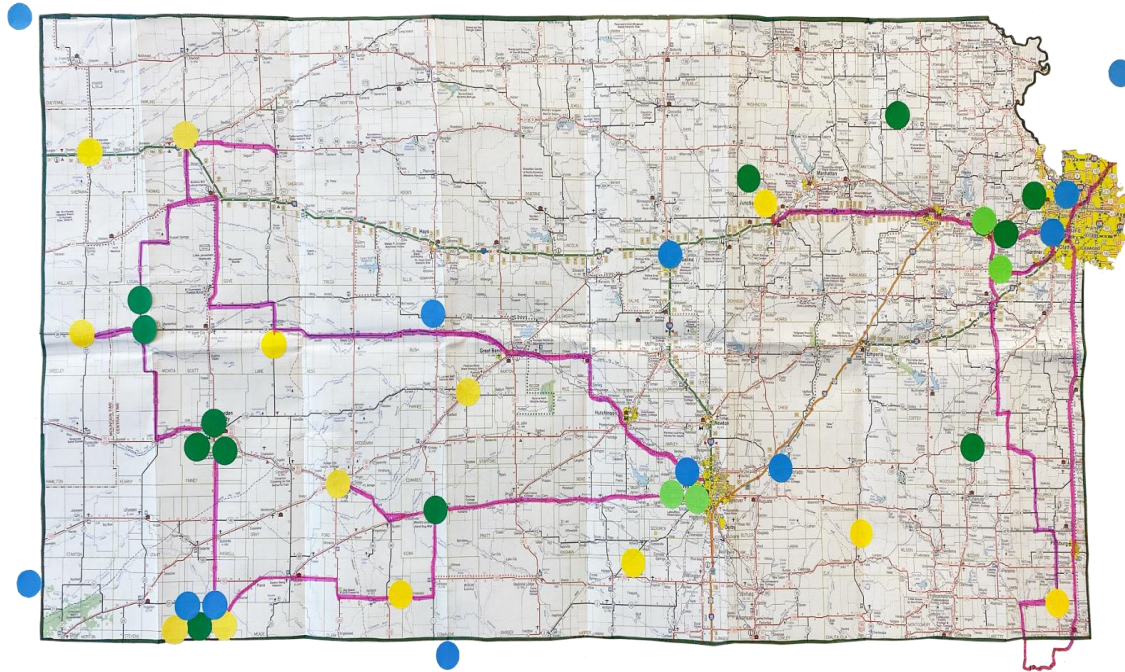
Pilot Test

OCT. 2023 – DEC. 2024

- Focus: Rural, ag, trucking
- Up to 700 light, medium-duty, and heavy-duty vehicles



Finding common ground and understanding what's unique in Kansas to design a customized pilot.



Vehicle type

Payment options

Population density

Mileage reporting technology

Policy options

Public acceptance

Key stakeholders

Local industries

● **Rural residents**
12 participants

● **Agricultural sector**
13 participants

● **Urban residents**
4 participants

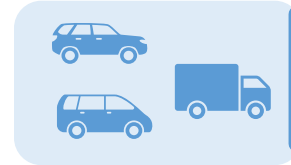
● **Commercial trucking**
12 participants

What we heard.

Kansans want **simplicity, transparency, fairness, and choices.**

Policymakers want **sustainable transportation revenue.**

What we're doing.



Include diverse vehicle types – including light, medium, and heavy vehicles (all engine-types)



Focus on rural, ag, and trucking communities



Hands-on pilot with multiple mileage reporting and payment options



RUC Estimator to help vehicle owners understand financial impact



Involve Midwest states

Pilot Hallmarks



Transparency

- **Clear** pilot objectives and process.
- **Accessible** and clear information.
- **Straightforward** explanations.
- **No persuasion** or influencing.
- **Predictable** RUC payments



Choice

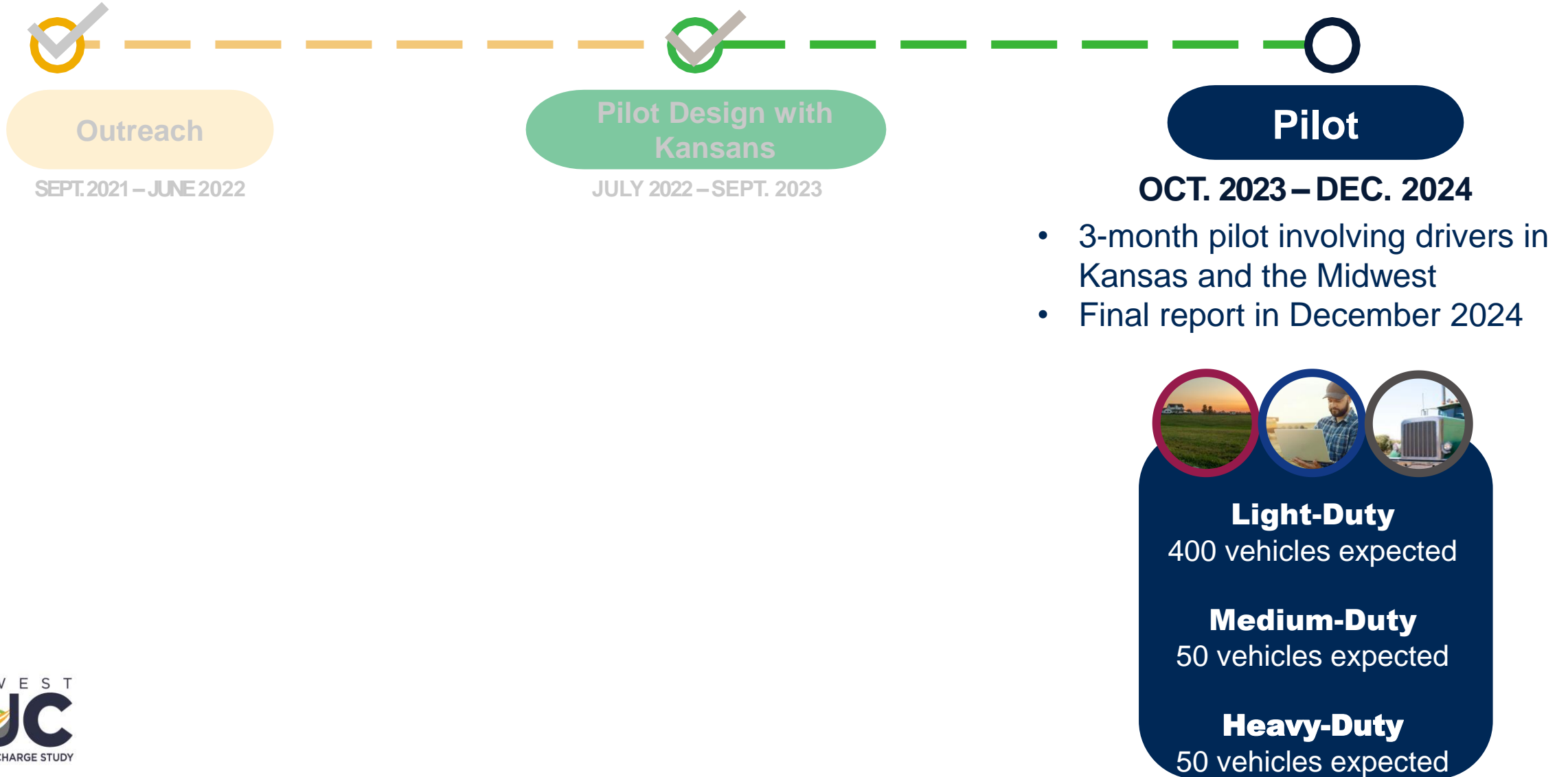
- **Clear and objective choices**
- **Manual or automated** reporting.
- **Flexible** payment options.



Fairness

- **Accountability** for all users
- Rates based on **vehicles type** (not vehicle-owner attributes)

Pilot Starting in October





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