



ARTIFICIAL INTELLIGENCE DEPLOYMENT CENTER OF EXCELLENCE (AI COE)

June 2026

The Federal Highway Administration (FHWA) is establishing the Artificial Intelligence Deployment Center of Excellence (AI COE) to provide national leadership for AI research, technology, and knowledge transfer in surface transportation.

The AI COE will bring together Federal, State, local, Tribal, academic, and industry stakeholders to collaborate and accelerate the practitioner-driven adoption of impactful, trustworthy AI solutions that enhance mobility and save lives.

By pooling expertise and resources, FHWA can transform early research into trusted, scalable AI innovations that measurably improve safety and efficiency across the Nation's beautiful transportation network, and we encourage you to contribute to this effort.

Anchored by a National AI Transportation Pooled Fund (TPF), the AI COE will operate as a practitioner-driven initiative, guided by multi-sector steering committees and subject matter experts. FHWA will provide program oversight to collaboratively develop a 5-year national roadmap aligned with stakeholder needs.

A key focus will be collaboration, strengthening coordination, leveraging expertise and resources, filling critical gaps, scaling proven approaches, and delivering

implementation support and workforce upskilling so stakeholders nationwide can lead in shaping an AI-powered transportation future.

As part of this effort, FHWA invites stakeholders to contribute to and collaborate on the end goal of building a 5-year national roadmap and a national AI clearinghouse that may include:

-  Ready-to-use playbooks.
-  Trusted models and datasets.
-  Reference implementations.
-  Procurement resources.
-  Workforce development resources.

Your collaboration is a vital component to this effort's success. FHWA encourages you to join us, share with your networks, and work together to drive great AI innovation in surface transportation through the newly established AI COE.



**Learn more and connect
with the AI COE here:**

<https://highways.dot.gov/ai-coe>

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Proposed AI COE Timeline



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