

Connected Corridor Advancement Initiative Year 1 Work Plan

Deploy Corridor Connect Phase A - Supply Chain Resiliency

As discussed in the CCAI Business Plan, national progress in transportation has often been driven by the development of shared infrastructure. Early efforts, such as Benjamin Franklin’s standardization of postal routes and mile markers, established consistent systems across jurisdictions to support commerce and communication. That same principle applies today as CCAI advances the NODE concept into Corridor Connect, extending shared infrastructure into the digital environment to support coordinated, multi-state corridor operations.

In 2026, this effort moves from concept into implementation through the deployment of Corridor Connect Phase A. The focus is practical: establish a working, multi-state capability that allows agencies and partners to share translated information in real time and supports partnerships with the private sector to deliver TSMO services. The initial emphasis is on freight movement, where variability in information and operations across state lines continues to affect safety, reliability, and efficiency. A specific application of this effort is merging work zone and truck parking information so that long-haul freight

providers can improve trip planning. By bringing together public agencies, private truck stop operators, and technology providers, CCAI is working to improve visibility into parking availability, support reservation capabilities, and reduce the number of trucks parking in unsafe locations while improving overall supply chain resiliency. The program will also convey work zone activity across the corridor’s operating agencies in a consistent manner to allow freight operators to better plan for deliveries and avoid congestion. These improvements are expected to contribute directly to safer roadways and more reliable freight operations.

This work is supported through three coordinated efforts or workstreams. The first establishes a public and private coordination structure to define needs and maintain alignment across participating partners. The second develops the Corridor Connect platform, including the translation of CCAI member data such as the Work Zone Data Exchange, to support consistent information sharing. The third introduces a digital marketplace environment where CCAI member applications and services can be accessed through a single, unified interface. Together, these efforts result in the initial deployment of Corridor Connect and the introduction of a functioning marketplace of public services. The outcome is not a standalone system but a connected environment that enables agencies and industry partners to operate with greater awareness, coordination, and consistency across state boundaries.

#	Workstream	Organize	Align	Define	Develop	Validate	Prepare	Launch	Innovate
1	Partnerships	Establish Public/Private Advisory Council / Coordination Group - State DOTs - Port Operators and Drayage Operators - Associations (ATA, ATRI, NATSO / travel plaza groups, Drayage, TruckerPath, etc.)	Develop Shared Problem Statement - Reducing unsafe truck parking - Improving freight reliability and resiliency	Gather Private-Sector Requirements Truck stop operators’ needs for sharing availability data, enabling reservations, and integrating into a marketplace	Identify Public Sector Gaps - Where DOTs need better visibility, better coordination tools, and safer parking outcomes. - E.g. Nevada Smart Grant, MDOE, weather, etc.	Define Integration Requirements for Corridor Connect - Data needs, interface expectations, operational workflows, developer toolkits, etc. - E.g. Nevada Smart Grant, MDOE, weather, etc.	Establish Ongoing Feedback Loop Ensure continuous input opportunities for workstreams 2 and 3.	Corridor Connect Platform Phase A Launched	Digital Marketplace Grand Opening National Work Zone Awareness Week - 2027
2	Corridor Connect Platform Phase A	Define Platform Requirements - Existing tools and configuration capabilities - Multi-state corridor operations, data integration needs - Scalability capabilities for marketplace	Procure Platform / Delivery Partner Identify solution that is closest to desired architecture and proven at national-scale systems	Establish Corridor Connect Architecture Core components include data ingestion layer, data harmonization layer, and an API/service layer	Design Data Integration Approach and Implement WZDx - How WZDx feeds enter Corridor Connect - How data is standardized and exposed - Ingest and process real-time work zone data - Ensure reliability and consistency	Enable and Validate Operational Use of Work Zone Data - Support traveler information systems, freight planning tools, future parking decision support - Confirm data flows correctly, outputs are usable, system is scalable	Prepare for Expansion Beyond WZDx Ensure architecture supports parking data, freight data, additional datasets		
3	Digital Marketplace	Define Marketplace Scope and Capabilities Core functions Service/app onboarding, User access (drivers, fleets, agencies), Discovery and interaction.	Build Partnerships - Demonstrate trust and value to private-sector partners. - Establish initial marketplace and gather user feedback	Develop Marketplace developer toolkit Provide tools and documentation for app and service providers	Integrate AI/Conversational Support Provide User assistance (drivers, fleets), partner onboarding support, scalable help functionality.	Onboard Initial Services - Truck parking applications - Freight-relevant services - Port related data	Prepare for Marketplace Launch - Functional ecosystem of services - Seamless user experience - Alignment with Corridor Connect Phase A		



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Enable National Scaling and Long-Term Sustainability

As Corridor Connect Phase A moves into deployment, CCAI’s focus extends beyond initial implementation to ensure that the approach can be expanded, sustained, and adopted more broadly across the national transportation system. The intent is not to create a one-time deployment but to establish a repeatable model that can be applied across additional corridors, states, and use cases.

This requires coordination with existing efforts already underway across the transportation community. Many pooled-fund studies, corridor coalitions, state, and federal initiatives have developed capabilities, data standards, and operational approaches directly relevant to CCAI. In 2026, these efforts will be identified, reviewed, and assessed to determine what is ready to be scaled and how those elements can be incorporated into Corridor Connect. At the same time, CCAI must address the transition from research-funded activities to sustained operations. Current work is supported through pooled fund study resources. As Corridor Connect and associated services move toward broader deployment, a long-term approach to funding, governance, and operational responsibility will be required. This includes evaluating potential funding models, understanding legal and policy considerations, and engaging financial stakeholders at both the state and federal levels.

These activities are carried out through two coordinated efforts. The first focuses on aligning external partners and identifying scalable use cases to incorporate into the CCAI framework. The second focuses on developing a sustainable approach to funding and operations that supports continued growth without solely relying on research funding. Together, these efforts result in a consolidated deployment and funding roadmap. This roadmap defines how Corridor Connect and the digital marketplace can expand beyond initial corridors, how participating partners can engage over time, and how the overall effort can be maintained as an operational capability. The outcome is a clear path forward that supports both near-term deployment and long-term sustainability.

#	Workstream	Organize	Align	Define	Develop	Validate	Prepare	Launch
4	Ecosystem Coordination	Identify External Partners - Pooled fund studies - Corridor coalitions - USDOT initiatives (FHWA, ITS programs) - State and regional innovation efforts - Relevant industry associations and groups.	Initiate Coordination Outreach - Develop consistent message - Conduct coordination meetings with key groups	Compile Scalable Use Cases - What has already been deployed or tested - What shows measurable value - What has multi-state applicability	Assess Readiness for Scaling - Technical readiness (data, systems, standards) - Institutional readiness (ownership, governance) - Operational readiness (real-world use)	Map Interdependencies Identify: how efforts connect across programs, how to avoid overlaps and redundancies, and gaps CCAI can address	Convene Coordination Workshop / Summit - Bring partners together. - Validate what should be scaled through CCAI. - Establish ongoing coordination framework.	Corridor Connect Platform Phase A Launched
5	Sustainability and Funding	Define Transition from Research to Operations Identify when CCAI moves from research funding to deployment and ongoing operations.	Identify Candidate Funding Models Explore options such as state/member contributions, public-private partnerships, Federal program alignment, service-based or transaction models, or a federated state entity	Assess Legal and Policy Considerations Determine what funding mechanisms are allowable, procurement constraints, and policy limitations apply	Engage Financial Stakeholders - State DOT finance offices - FHWA and federal program leads - Other relevant funding authorities	Develop Draft Sustainability Approach - How Corridor Connect and the Marketplace are sustained - Roles of public and private partners	Align with System Design - Marketplace and platform design support future funding models - No structural barriers to long-term operations	

