ITS4US
IT'S TRANSPORTATION FOR ALL OF US

Photo source: U.S. DOT

PHASE 2 | ITS4US DEPLOYMENT PROGRAM

The ITS4US Deployment Program is a $40 million multimodal effort, led by the Intelligent Transportation Systems Joint Program Office (ITS JPO) and supported by the Office of the Secretary, the Federal Highway Administration, and the Federal Transit Administration, to identify ways to provide more efficient, affordable, and accessible transportation options for underserved communities that often face greater challenges in accessing essential services.

The program aims to solve mobility challenges for all travelers with a specific focus on underserved communities, including people with disabilities, older adults, low-income individuals, rural residents, veterans, and limited English proficiency travelers.
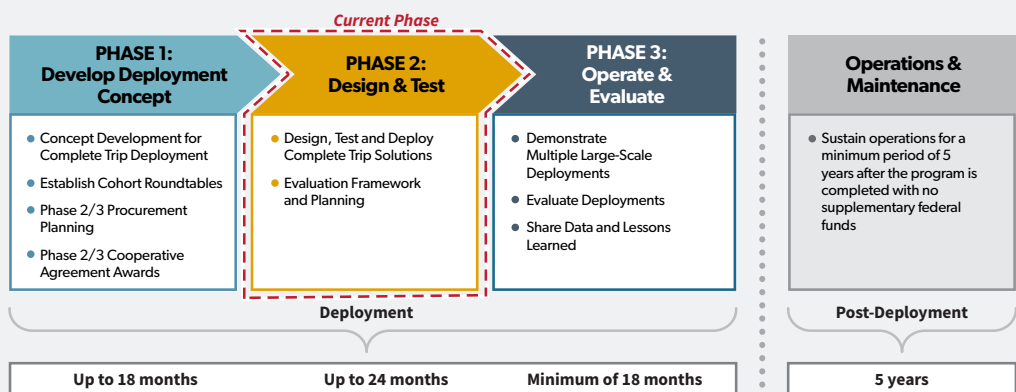
The ITS4US program will enable communities to build local partnerships and develop and deploy integrated, replicable mobility solutions to achieve complete trips for all travelers.

ITS4US DEPLOYMENT PROGRAM PHASES

The ITS4US Deployment Program was designed to fund multiple, large-scale, replicable deployments in three phases:
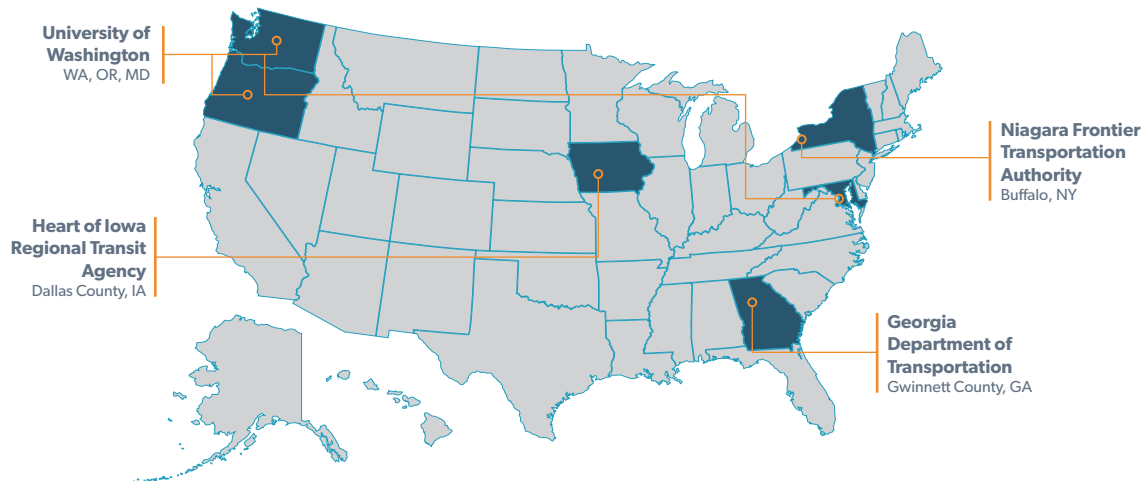
- Phase 1: Develop Deployment Concept
- Phase 2: Design & Test (Current Phase)
- Phase 3: Operate & Evaluate.

ITS4US Deployment sites that successfully completed Phase 1 were awarded Cooperative Agreements to conduct Phases 2 and 3 activities.

Current Phase

PHASE 1: Develop Deployment Concept	PHASE 2: Design & Test	PHASE 3: Operate & Evaluate		Operations & Maintenance
• Concept Development for Complete Trip Deployment • Establish Cohort Roundtables • Phase 2/3 Procurement Planning • Phase 2/3 Cooperative Agreement Awards	• Design, Test and Deploy Complete Trip Solutions • Evaluation Framework and Planning	• Demonstrate Multiple Large-Scale Deployments • Evaluate Deployments • Share Data and Lessons Learned		• Sustain operations for a minimum period of 5 years after the program is completed with no supplementary federal funds
Deployment				**Post-Deployment**
Up to 18 months	Up to 24 months	Minimum of 18 months		5 years

ITS4US DEPLOYMENT PROGRAM PHASE 2 PROJECTS

Deployment Site	Project Description
Heart of Iowa Regional Transit Agency	The **Health Connector for the Most Vulnerable: An Inclusive Mobility Experience from Beginning to End** (Health Connector) Complete Trip deployment project in Dallas County, Iowa is led by the Heart of Iowa Regional Transit Agency (HIRTA). This project will implement a scalable and replicable solution that enables inclusive transportation access to healthcare for all underserved populations and their caregivers by resolving access to barriers with the use of advanced technologies. Further, this solution will include information and wayfinding services to guide users for every step of their trip. This deployment will provide enhanced access to healthcare options for "all travelers" in Dallas County.
Georgia Department of Transportation	The **Safe Trips in a Connected Transportation Network** (ST-CTN) project is led by the Georgia Department of Transportation with support from the Atlanta Regional Commission in Gwinnett County, Georgia. The ST-CTN system will provide Gwinnett County residents with detailed information and step-by-step navigation tailored for users' specific needs along with a range of other features geared to improve trip efficiency and safety. This concept is comprised of an integrated set of advanced transportation technology solutions including connected vehicles, transit signal priority, machine learning, and predictive analytics to support safe and complete trips, with a focus on accessibility for those with disabilities, aging adults, and those with limited English proficiency. The ST-CTN system includes a mobile application that will provide users with the ability to create a personalized trip plan with information on the navigation of physical infrastructure, provide users with safe alternative trip routes when encountering unexpected obstacles, and ensure user safety throughout the trip.
University of Washington	The **Transportation Data Equity Initiative**, a Complete Trip deployment project led by the University of Washington, will span three states—Washington, Oregon, and Maryland. The project aims to create the foundational data tools necessary for both public and private entities to collect, share, manage, and use transportation data that provide equitable outcomes to all travelers regardless of location, income, or disability. This effort includes: 1) working with existing standards committees to extend and update three existing, early-stage international data standards—OpenSidewalks, GTFS-Flex, and GTFS-Pathways; 2) developing a series of tools that help agencies, jurisdictions, and other stakeholders collect the data that can be stored with these refined data standards; and 3) using three unique accessible mobility applications to demonstrate the different uses of the data.
Niagara Frontier Transportation Authority	The **Complete Trip Deployment in Buffalo, New York**, led by the Niagara Frontier Transportation Authority, will improve mobility to, from, and within the Buffalo Niagara Medical Campus (BNMC) by deploying new and advanced technologies focused on addressing existing mobility and accessibility challenges. The project integrates an accessible trip planning tool with current transit services, indoor/outdoor wayfinding, community-based on-demand shuttle services that include a fleet of fully autonomous shuttles, and intersection pedestrian safety technologies aimed at providing complete trip support to travelers with disabilities in BNMC and neighboring communities. Central to the project is a complete trip platform that can factor in travelers' preferences and accessibility-related needs in providing comprehensive trip planning and execution support to registered users. The platform, accessed both offline and online via multiple interfaces including an app, will integrate with multiple enabling technologies and services including fixed-route transit, community shuttles, smart intersections that use tactile and mobile technologies to assist travelers with disabilities in navigating intersections safely, and wayfinding infrastructure such as smart signs and information hubs to support outdoor and indoor navigation.

University of Washington
WA, OR, MD

Heart of Iowa Regional Transit Agency
Dallas County, IA

Niagara Frontier Transportation Authority
Buffalo, NY

Georgia Department of Transportation
Gwinnett County, GA

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U.S. Department of Transportation