

Kootenai County Public Transportation Mobility Platform Executive Summary

The Mobility Platform project will support the goals of the FTA and the USDOT's Mobility Innovation initiative by allowing for fully educated trip planning across a consolidated selection of public and private transportation providers. Having in-app payment options will provide the rider with confidence that they have secured the appropriate fare media to get to their final destination. Mobile ticketing also reduces the need for riders to use fareboxes, creating a seamless boarding process. Transportation partners on the Mobility Platform will have additional exposure to potential riders and will be able to adjust prices and service types to meet market demand. The Mobility Platform will collect detailed origin, destination, and transportation mode selection for all trips booked within the system. Trip data produced for Kootenai County and our transportation partners will provide valuable reports utilized to extrapolate ridership trends, coverage gaps, and opportunities for higher levels of service.

FTA and the USDOT's Mobility Innovation program provides Federal research funds to project teams to demonstrate innovative, effective approaches, practices and technologies that enhance effectiveness, increase efficiency, expand quality, promote safety, and ultimately improve the public transportation rider's experience.

The overarching goals of the Mobility Platform are: to provide shared mobility options with improved safety, convenient payment, and expanded services; to continue our partnership with local jurisdictions for input into land use patterns and comprehensive planning to support innovative and connected multimodal mobility options; and to advance transportation service options for all, particularly school-aged, disadvantaged, disabled, and our growing senior populations.

The Mobility Platform will accomplish these goals through tasks including:

- Leveraging our existing Intelligent Transportation System to design a Mobility on Demand (MOD) and Mobility Payment Integration (MPI) options;
- Creating a "single touchpoint" application that connects users to multi-modal transportation options; and
- Integrating single payment for complete journeys, linking multiple mobility accounts under a common single transit account, and use of multi-modal planning tools to determine a user's journey.

The Mobility Platform's intended impacts are:

- Increased customer participation in transportation services
- Integration with multi-modal options (bike-share, et al)
- Integration with transportation providers
- Tying fare payment to trip planning
- Account-based fare collection

The Award Start Date: will be the same as the date of the project's execution in TrAMS

The Award End Date: 31 May 2022 (demonstration to conclude 28 February 2022 + three months of float.)

This application includes funds for Research and/or Development activities.

Federal Role: The FTA will actively participate in the project by directing activities, attending review meetings, commenting on technical reports, and maintaining frequent contact with the local project manager. FTA reserves the right to re-direct project activities and funding for the project supported under this Award and their related activities.

Recipient Role: Kootenai County Public Transportation, along with our project partner, will manage the project as outlined in the attached statement of work, including preparing technical, status, and financial reports and submitting deliverables.

Special Conditions

The project's Accessibility and Equity Plan will ensure that the technologies used are usable by persons with disabilities, and will also ensure access for the unbanked / underbanked and people without smart phones. Kootenai County will submit the project's Accessibility and Equity Plan to FTA within 120 days of the execution of the cooperative agreement.

Local Share

The local share of this award may be deferred as necessary, consistent with the project milestone schedule. The recipient will be reimbursed for actual costs, as detailed in the project milestone schedule and project budget. The Recipient agrees that it will maintain adequate cost records to support any payment request, and that the payment requested will not exceed the Federal share of the costs actually incurred for the milestone.

Compliance with Other Federal Provisions

The Recipient shall comply with the requirements of FTA Circular 6100.1E, "Research, Technical Assistance and Training Program: Application Instructions and Program Management Guidelines."

The Recipient is responsible for awarding or managing any third-party contracts or partnering arrangements associated with this project in accordance with the requirements of FTA Circular 4220.1F, "Third Party Contracting Requirements."