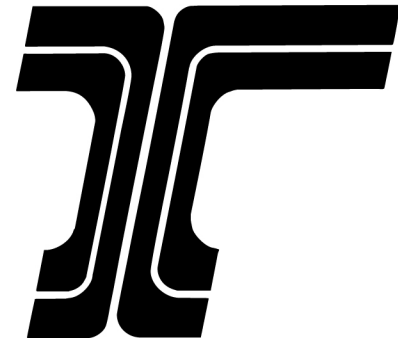


Oregon Department of Transportation



STIF Discretionary and Statewide Transit Network Application: FY 2021-23

Applicant Information

Agency Legal Name

Lane Transit District

Agency Legal Address

3500 East 17th Avenue, Eugene, Oregon 97403

Application Contact Name

Gloria J. Gallardo

Application Contact Title

Grant Manager

Application Contact Email Address

gloria.gallardo@ltd.org

Application Contact Phone Number

(626) 388-3332

Name of Person Signing Agreement

Aurora Jackson

Title of Person Signing Agreement

General Manager

Email Address of Person Signing Agreement

aurora.jackson@ltd.org

Phone Number of Person Signing Agreement

(541) 682-6105

Agency Information

1. Transit Agency Type

Mass Transit District

1.A Does the agency have any existing grant agreements with ODOT?

Yes

2. What is the main type of service that will be supported by this award?

Deviated Fixed Route

3. Would this award support ongoing operations of an existing service?

No

Risk Assessment Information

4. Did your agency have any turnover of management or financial staff in the last two years?

No

5. Does your agency have an accounting system that allows you to completely and accurately track the receipt and disbursement of funds related to the award?

Yes

6. What type of accounting system does your agency use?

Combined

7. Does your agency have a system in place that will account for 100 percent of each employee's time?

Yes

8. Did your staff members attend required training and meetings during the previous biennium?

Yes

9. Was your agency audited by the federal government in the past two years?

No

10. Did your agency stay on budget in the past two years?

Yes

Agency Qualifications

11. Describe how your agency has the legal, managerial and operational capacity to perform and report on project progress within the scope, schedule and budget of the anticipated grant agreement. (Description of operational capacity should apply specifically for the workload of projects in this application.)

LTD has the legal, managerial and operational capacity to successfully implement this Technology Innovation project. Since its creation in 1970, LTD has successfully managed complex projects and developed innovative programs.

LTD has assembled a multidisciplinary team, consisting of professionals with experience in research, application development, data/project management, UI/UX design, and transportation planning and engineering. The agency plans to utilize and expand on an existing code base, developed by Tri-Met in Portland, and further developed by Columbus, OH in their Smart Cities initiative. LTD will manage the bus procurement, as well as administer the grant. LTD has a credentialed grants manager, an experienced Information Technology project team, and Director of Information Technology with an extensive background in project management. LTD is in good standing as a capable recipient of state funds and current with all reporting requirements.

12. Certification of Compliance

By checking this box, the applicant certifies that if they are awarded funding, they will meet and ensure compliance for the term of the agreement with applicable federal, state and local laws and regulations including, and not limited to, those pertaining to passenger transportation, civil rights, labor, insurance, safety and health.

Yes

13. Do you plan to use a Sub-Recipient or contractor to implement the grant supported activity?

Yes

13.A If Yes, please list the Sub-Recipient(s) and describe how the applicant will provide sufficient Sub-Recipient/contractor oversight to ensure eligibility is maintained while receiving STIF Discretionary or Statewide Transit Network moneys.

LTD is seeking Federal funds under the Public Transportation COVID-19 Research Demonstration Grant Program. Consistent with the terms of this program, LTD intends to work with an independent evaluator and has budgeted funds for a third-party contractor in this regard. All contracts will be procured consistent with Federal and State requirements.

14. If you seek the 10 percent match reduction, does the project meet one or more of the four factors identified in OAR 732-044-0005(4)(a)? Select each factor that you believe is exemplified by the proposed project.

Provides statewide benefits to multiple Public Transportation Service Providers outside of the area where the proposed project will be located

15. Will federal funds be used to complete this project?

Yes

Project Information

16.A Project Title

LTD Trip Planner/Mobility Wallet Technology Innovation Project

16.B Describe the project to be funded. Clearly describe what the requested fund award would be used to accomplish, detailing the specific tasks and deliverables. Where relevant, identify the origin and destination of the proposed service as well as each municipality visited along the route. Please see page 22 of program guidance for additional guidance on writing a project description.

Lane Transit District (LTD) proposes to undertake a highly transformative technology innovation project that will enhance operational efficiency and mobility through the creation of a Mobile Wallet-Trip Planner application. Covid-19 has impacted the ways in which people travel, particularly transit reliant individuals. This innovative application will provide contactless payment and integrated trip planning to facilitate riders' transportation decisions, while instilling confidence in riders' transportation systems' ability to meet their needs. With the uncertainties of COVID-19, this application is easy, safe and comes at an opportune time by affording transit riders who are apprehensive a touchless way to pay.

The innovations provided in this application will allow a user to plan a trip using all modes currently available within LTD's service community (transit, personal bicycle, walking, Bike Share Program, TNC Ride-Sharing, Parking and Park-n-Rides, Mobility on Demand, Bike Lockers). Moreover, the project will interact with the Districts' Delerrok TouchPass application; and has the potential to interact LTD's Bike Lockers, the Mobility on Demand (MOD) app, as well as other LTD digital assets. This project also encompasses the potential for future modes (e.g. Scooter Share), as well as national applicability. In addition to providing increased mobility for local residents, the District regularly meets the travel needs of large numbers of visitors, and is planning for future events including the 2022 World Track and Field Championships, which will draw an estimated 60,000 visitors to the area.

LTD has assembled a multidisciplinary team, consisting of professionals with experience in research, application development, data/project management, UI/UX design, and transportation planning and engineering. The agency plans to utilize and expand on an existing code base, developed by Tri-Met in Portland, and further developed by Columbus, OH in their Smart Cities initiative.

The ability to collect and analyze large amounts of aggregated/anonymized usage data is a key element of this project, and one which would enable visibility into a previously-opaque segment of the transportation

ecosystem. Future advantages to surrounding cities, to the transit agency, and to research partners at the University of Oregon that would be attained with this project are hard to overstate. LTD expect insights into transportation patterns, rider choices, determinants of rider mode, demographic data, and more.

17. What Local Plans include this project or elements of the project? Be specific in the citation of the Local Plans.

- A. 2016-2019 Lane County Regional Community Health Improvement Plan
- B. Central Lane Metropolitan Planning Organization (MPO) Regional Transportation Plan (RTP) and Transportation Safety Action Plan
- C. City of Eugene Climate Action Plan
- D. 2020-2025 University of Oregon Strategic Plan

18. Please provide specific page(s) of the Local Plan(s) where project or funding need is listed.

A.Pgs 5-16 B.Pgs 1-4, 47 and 7 C. Pgs 7 and 11 D.Pgs 6-7, 16-17

19. What is the minimum grant amount that will still allow your project to proceed?

\$300,000.00

20. Select the fund source(s) for which you would like to compete and that you believe your project is eligible to receive. Check all that apply.

STIF Discretionary

21. Rank the fund sources in the order of preference with 1 being first choice and 3 being the last choice.

STIF Discretionary

1

STIF Intercommunity Discretionary

No Preference

FTA Section 5311(f) Intercity

No Preference

22. Why is this an important project? What are the consequences of this project not receiving funding?

COVID-19 has impacted the ways in which people travel, particularly transit reliant individuals. This application will provide contactless payment and integrated trip planning to facilitate riders' transportation decisions, while instilling confidence in riders' transportation systems' ability to meet their needs. Award of discretionary STIF funding will allow LTD to undertake a highly transformative technology innovation project that will expand mobility options to the transportation dependent; more importantly, it will facilitate safe transportation options with the creation of an application that will simplify trip planning and payment.

LTD has established partnerships with key stakeholders that share the vision to use innovation to facilitate efficient and safe mobility options as demonstrated by the numerous letters of support. In today's environment of limited resources, it is fiscally responsible to encompass multi-disciplinary strategies to promote safe and smart transportation options.

23. Will this project involve breaking ground or any other activity that might require environmental review per federal requirements?

No

Oregon Transportation Commission Investment

Priorities

Equity and Public Transportation Service to Low-Income Households

24. Describe how this project would support and improve access for vulnerable populations and/or historically marginalized communities.

The impacts and benefits of this project are significant and transformative, particularly as it pertains to zero-vehicle households, low-income communities and seniors. The LTD Trip Planner/Mobility Wallet Technology Innovation Project will expand mobility options to the transportation dependent; more importantly, it will facilitate safe transportation options. LTD will continue to make every effort to meet the needs for mobility and accessibility; as well as perfect the passenger experience with minimal disruption in deploying the mobile wallet/trip planning applications. The more seamless, easy, and integrated the customer trip planning and payment experience, the greater the quality of LTD's service delivery and benefits to the community. Accordingly, LTD is confident that the proposed Trip Planner/Mobility Wallet Technology Innovation Project will support and improve access for vulnerable populations and/or historically marginalized communities.

In addition, LTD's service area also includes 5 qualified opportunity zones in Lane county. This project would support improved air quality and public health outcomes for local residents and the workforce in QOZ(s) served by the respective routes.

Coordination of Public Transportation Services

25. Describe how this project would improve the passenger experience, benefit multiple transit providers, or involve consolidation, coordination, or resource sharing between agencies, including use of transportation data and technology.

Funding this project will improve the passenger experience; benefit multiple transit providers; and improve coordination and resource sharing between agencies, including the use of transportation data and technology which is essential for transit reliant patrons. This project will greatly assist people in planning, executing, and paying for trips in the LTD service community. Currently, transit users must consult several different resources to plan a multi-modal trip in our area (for instance, Google maps, LTD website, PeaceHealth Rides website or mobile app, TouchPass mobile app, our MOD applications, Uber or Lyft mobile app, etc.). This application will provide a "one stop shop" where users can plan and pay for their trip with one application, immediately seeing all of their alternatives compared for time, cost, and other factors.

Environmental and Public Health

26. Describe how this project would go beyond providing an alternative to personal car use to reduce greenhouse gas emissions, reduce pollution, and/or support positive health outcomes.

This project has the potential for a direct and positive environmental impact because it will make the alternatives to single-occupancy-vehicle use easier and more cost-effective. One of the primary reasons that people choose SOVs is that it is simple and quick. When alternatives are difficult and time-consuming, the choice of a SOV becomes the default. By making non-SOV trip planning and payment easier and more enjoyable, the community goals of sustainability are easier to achieve. Accordingly, funding this Technology Innovation Project will facilitate innovative and seamless mobility within the community, more importantly, the project has national applicability and will address transportation issues and changes that can contribute to improvements in the region's quality of life and economic vitality; the attainment of which is directly related to an efficient and effective transportation system.

This Trip Planner/Mobility Wallet Technology Innovation Project will provide a "one stop shop" where users

can plan and pay for their trip with one application, immediately seeing all of their alternatives compared for time, cost, and other factors. Moreover, public transportation is linked to healthier lifestyles, as people who use public transportation increase their daily amount of physical activity either walking or bicycling to and from their transit stops and their final destination.

LTD's service area also includes 5 qualified opportunity zones in Lane county. Accordingly, this project would support improved air quality and public health outcomes for local residents and the workforce in QOZ(s) served by the respective routes.

Safety, Security, and Community Livability

27. Describe how the project would increase use and participation in active transportation, including public transportation.

Public transportation is linked to healthier lifestyles, as people who use public transportation increase their daily amount of physical activity either walking or bicycling to and from their transit stops and their final destination.

Funding this project will expand mobility options to the transportation dependent; more importantly, it will facilitate safe transportation options. LTD will continue to make every effort to meet the needs for mobility and accessibility; as well as perfect the passenger experience with minimal disruption in deploying the mobile wallet/trip planning applications. Accordingly, LTD is confident that the proposed Technology Innovation Project fulfills the objectives of the Statewide Transportation Improvement Funds ("STIF") which are specifically intended for the improvement and enhancement of transportation services to facilitate objectives that are essential to the community. This mission will be accomplished through extensive collaboration and partnerships with various community groups, organizations and agencies.

LTD's service area also includes 5 qualified opportunity zones in Lane county. Accordingly, this project would support improved air quality and public health outcomes for local residents and the workforce in QOZ(s) served by the respective routes.

28. Describe how the project would support and improve safety of passengers in transit vehicles and safety of other roadway users.

Since 1970, awareness of the relationship between automobile traffic and quality of life has increased. Not only does the community desire alternatives to relieve problems associated with poor air quality and increased traffic, federal and state governments demand it.

LTD has responded to the challenge and has become an innovative leader in shaping local and regional transportation strategies. Transit service is a core component of the Central Lane Metropolitan Planning Organization (MPO) Regional Transportation Plan (RTP) and Transportation Safety Action Plan. LTD is an integral and committed stakeholder; and has worked with the MPO in this regard. The RTP includes provisions for meeting the transportation demand for a 20-year planning cycle and addresses transportation issues and changes that can contribute to improvements in the region's quality of life and economic vitality; the attainment of which is directly related to an efficient and effective transportation system.

Again, transit is identified as a tool for improving safety on Lane County roads, which are among the most dangerous in the state. Lane County's first ever Transportation Safety Action Plan was adopted in 2017 to combat the epidemic of roadway deaths in the county. Throughout this plan, improved and reliable transit service; and safety enhancements to improve access to transit service are identified as necessary investments.

To that end, this project will have a huge positive impact on the quality of service that LTD provides. Although LTD's services will only be one component of the options presented to customers, we know that

our customers depend on many other services in order to fulfill their first mile/last mile requirements. Currently, it is difficult, time-consuming, confusing, or even impossible for our users to "connect the dots" between all of their mobility options. For instance, on a trip where they take an LTD Bus and a PeaceHealth Rides bike share, a user may need to toggle between three applications (LTD schedule on website or Google Maps, LTD's TouchPass fare payment application, and the PeaceHealth Rides application). This process become overly burdensome to our customer, and decreases the likelihood of their usage of our system. The more seamless, easy, and integrated we can make our customer trip planning and payment experience, the greater the quality of our service delivery and benefits to our community will be.

Statewide Transit Network Connections

29. Describe how this project would support and improve the utility and connectivity of the Statewide Transit Network and/or create a foundation for future Statewide Transit Network improvements.

As indicated above, LTD has become an innovative leader in shaping local and regional transportation strategies. Transit service is a core component of the Central Lane Metropolitan Planning Organization (MPO) Regional Transportation Plan (RTP) and Transportation Safety Action Plan. LTD is an integral and committed stakeholder; and has worked with the MPO in this regard. The RTP includes provisions for meeting the transportation demand for a 20-year planning cycle and addresses transportation issues and changes that can contribute to improvements in the region's quality of life and economic vitality; the attainment of which is directly related to an efficient and effective transportation system.

Funding the Lane Transit District Trip Planner/Mobility Wallet Technology Innovation Project will enable LTD to continue to provide leadership with respect to the addressing mobility options in a COVID-19 environment. The project will also facilitate transit mobility and accessibility needs, as well as improve upon the qualities of customer service, reliability, accessibility and convenience thereby improving the quality of life for the residents of Lane County.

Funding and Strategic Investment

30. Describe how the project match requirements will be met or exceeded. Describe why investment in this project makes sense from both the perspective of current need and long term Oregon transit needs.

LTD is seeking Federal funds in the amount of \$450,000, through the discretionary Public Transportation COVID-19 Research Demonstration Grant Program that will be used in conjunction with the STIF discretionary funds being requested (\$600,000) in this application. In addition, LTD is utilizing \$75,000 in 19-21 STIF Formula funds (MAS) toward this project for a grand total of \$1,125,000 (See attached budget detail).

This project is consistent with the intent of House Bill 2017, Keep Oregon Moving, for the improvement and enhancement of transportation services.

31. If this project will last beyond the 2021-23 biennium, describe the plan for ongoing funding including match. If not applicable, type N/A.

N/A

32. Does this project depend on other funding sources including other discretionary grants whose outcomes are uncertain? If yes, please list those fund sources. If not applicable, type N/A.

Yes, as indicated in the response to Question #30, LTD has submitted an application for Federal funding through the discretionary Public Transportation COVID-19 Research Demonstration Grant Program. This project has the support of Oregon's legislative delegation, as well as other stakeholders as evidenced in the attached letters of support.

33. Capital Asset Purchases

Describe proposed capital purchases. If no capital assets are included in your application, type N/A.
N/A

Project Details

Task Category
Mobility Management

Mobility Management

Total Task Cost (Grant Amount + Match Amount) \$750,000.00
Are matching funds available if the project is awarded? Yes
Percent of funds used for fixed route transportation 100%

Project Task and Match Amounts

20% Match Rate Calculations

Grant Amount - STIF Discretionary/STIF Intercommunity/5311f (80% State/Fed Share) \$600,000.00
Match Amount - STIF Discretionary/STIF Intercommunity/5311f (20% Local Share) \$150,000.00

10% Match Rate Calculations (For Qualified Applicants)

Grant Amount - STIF Discretionary/STIF Intercommunity (90% State Share) \$675,000.00
Match Amount - STIF Discretionary/STIF Intercommunity (10% Local Share) \$75,000.00

Application Totals

Match Sources

Match Sources	Amount
Federal	\$2,925,000.00
State	\$75,000.00

Note on Application Totals: If applying for 5311(f) Operating, a 50% match rate is applied to identified Operating costs. However, the application form automatically applies a 20% match rate to the full Project Cost, including Operating costs. Therefore, Section 5311(f) applicants should ensure the accuracy of the

Total Task Cost for each Task Category, as the 20% match rate will only apply to non-Operating costs in a 5311(f) grant award. The form is unable to calculate an accurate application total using two different match rates.

20% Match Rate Calculations

Grant Amount
\$600,000.00

Match Amount
\$150,000.00

10% Match Rate Calculations (For Qualified Applicants)

Grant Amount
\$675,000.00

Match Amount
\$75,000.00

Document Upload (Optional)

A_2016-2019 Lane Co Regional Community Health Improvement Plan.pdf

B_CLMPO RTP_Transportation Safety Action Plan.pdf

C_COE_CAP20.pdf

D_2020-2025 UofO Strategic Plan.pdf

LTD Technology Innovation_Letters of Support.pdf

LTD_Technology Innovation_Project Budget.pdf