



Pinellas County

Staff Report

File #: 21-1194D, Version: 1

Subject:

Cooperative Agreement with the Federal Highway Administration for the Advanced Transportation and Congestion Management Technologies Deployment program for the Pinellas Connected Community Project.

Recommended Action:

Approval and execution by the County Administrator of the Cooperative Agreement with the Federal Highway Administration (FHWA) for the Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) program for the Pinellas Connected Community Project.

- Grant funding supporting the Pinellas Connected Community project to deploy innovative transportation technologies along US Highway 19 and State Road (SR) 60 (Gulf to Bay Blvd) corridors.
- Total project cost is \$10,911,880.00 for design, build, operations, and maintenance phase services. Federal funding, through this Cooperative Agreement is 42% (\$4,622,880.00).
- County match is 58% (\$6,289,000.00), funded by the Ninth-Cent Fuel Tax, which may be offset by Florida Department of Transportation match funds.
- This item will be presented before the Board of County Commissioners for ratification/confirmation on October 26, 2021. The FHA deadline was September 28, 2021.

PID No. 004974A; FHWA Agreement No. 693JJ32150011; Total project cost of \$10,911,880.00, Agreement funding of \$4,622,880.00. Project begins upon full execution of the agreement.

Strategic Plan:

Foster Continual Economic Growth and Vitality

4.4 Invest in infrastructure to meet current and future needs

4.5 Provide safe and effective transportation systems to support the efficient flow of motorists, commerce and regional connectivity

Summary:

This Cooperative Agreement will provide funding for the County to build an advanced transportation network along the US 19 and SR 60 corridors. The Pinellas Connected Community project will expand on the current advanced transportation management system/intelligent transportation system (ATMS/ITS) platforms within the County's transportation network. The effort will collect, disseminate, and use real time data to improve the mobility of citizens, tourists, and travelers, reduce congestion, and provide for more efficient and accessible transportation across the region.

Background/Explanation:

The FHWA division of the U.S. Department of Transportation (DOT) established the ATCMTD program to develop model deployment sites for large scale installation and operation of advanced transportation technologies to improve safety, efficiency, system performance and infrastructure return on investment.

The Pinellas Connected Community Project will involve the installation of connected vehicle devices and technologies within the County's existing infrastructure, which will collect, disseminate, and use real time transportation-related information that will be used to improve the mobility of citizens, tourists, and travelers, reduce congestion, and provide for more efficient and accessible transportation.

The project is a collaborative effort between Pinellas County Department of Public Works, Florida Department of Transportation (FDOT), City of Clearwater, City of St. Petersburg, Pinellas Suncoast Transit Authority (PSTA), and Forward Pinellas. The project is divided into two phases; the first phase is the Design/Build phase, the second phase is Operations and Maintenance of the system.

Fiscal Impact:

Total project cost is \$10,911,880.00 for design, build, operations, and maintenance phase services. Federal funding awarded is \$4,622,880.00 (42%). County match is \$6,289,000.00 (58%). The local match will be funded by the Ninth-Cent Fuel Tax and may be offset by expected FDOT matching funds.

County match projects include:

- 002599A ATMS St Pete Downtown
- 004542A ATMS Drew Street

Delegated Authority:

The County Administrator will sign the agreement and the Board of County Commissioners to ratify at a future BCC meeting.

Staff Member Responsible:

Kelli Hammer Levy, Director, Public Works

Partners:

U.S. Department of Transportation (USDOT)
Federal Highway Administration (FHWA)
Florida Department of Transportation (FDOT)
City of Clearwater
City of St. Petersburg
Pinellas Suncoast Transit Authority (PSTA)
Forward Pinellas

Attachments:

Grant Agreement with Sections A-C

Grant Selection Memo

Grant Application Proposal, Volume 1

Grant Application Proposal, Volume 2)

Project Location Map (to be added)