TECHNOLOGY APPLICATION PARTNERSHIPS WITH LOCAL AGENCIES (TAPs-LA)

for Deploying Connected and Automated Vehicle Technologies

The Technology Application Partnerships with Local Agencies for Deploying Connected and Automated Vehicle Technologies (TAPs-LA) initiative was created to foster transportation innovation with local agencies. The FDOT is accepting proposals from local agencies to deploy projects using CAV technologies on roadways within the state of Florida for the fiscal years 2022 through 2025. The requirement is that the project must be on the State roads.

CONTACT INFORMATION

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PROJECT SELECTION

FUNDING		CONTRIBUTION	PERIOD
$2M in total funding per fiscal year	**2-4** projects	**$500K** maximum toward each project (state roads only)	**1-2YRS** per project (Applicants must propose a performance specific period)

FDOT encourages applicants to partner with the private sector or public agencies, including multimodal and multijurisdictional entities, research institutions, and organizations representing transportation and technology leaders or other stakeholders.

ELIGIBLE APPLICANTS

Applicants who wish to be considered for project selection **MUST** be one of the following types of organizations in the state of Florida:

City Governments | **County Governments** | **Public Transit Agencies** | **Port Authorities** | **Airport Authorities**

TAPs-LA FOCUS AREAS

The purpose of TAPs-LA is to partner with Florida's local agencies to incorporate and deploy CAV technologies. TAPs-LA is funded under the FDOT's CAV Program initiative to deploy advanced transportation and congestion management technologies, which may include **advanced**:

✓ Traveler information systems
✓ Transportation management technologies
✓ Roadway infrastructure maintenance, monitoring, and condition assessment
✓ Advanced public transportation systems
✓ Transportation system performance data collection, analysis, and dissemination systems
✓ Safety systems, including vehicle-to-vehicle and vehicle-to-infrastructure communications, technologies associated with autonomous vehicles, and other collision avoidance technologies
✓ Mobility and access technologies, such as dynamic ridesharing and information systems to support human services for the elderly and disabled
✓ Work zone management systems deployment

The definitions of the advanced transportation and congestion management technologies described at left can be found in the Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) Initiative notice of funding opportunity.

For project ideas, please visit the CAV website for operational and planned deployments. For clarification on eligibility, please contact the District Traffic Operations Engineer (DTOE).

PROJECT SELECTION PROCESS

*For complete proposal submission guidelines, please review TAPs LA Application and Submission Information.
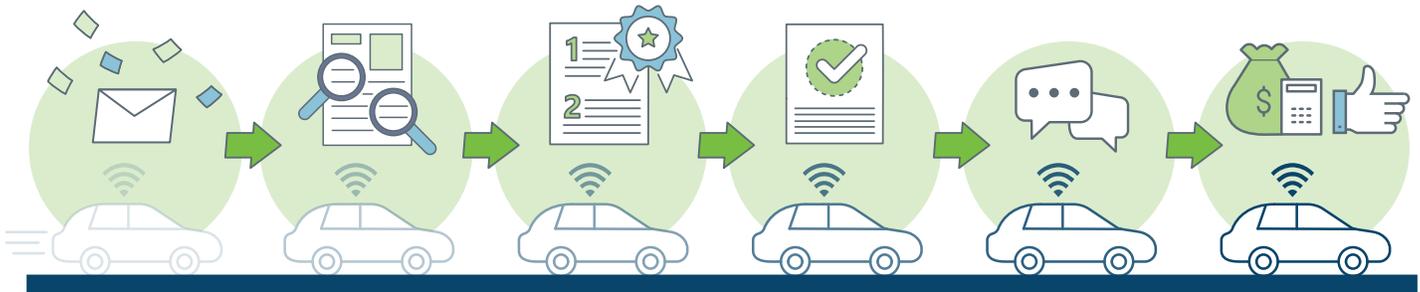
| District receive TAPs-LA document and begin local agency engagement. | DTOE receives and evaluates the proposal. | District will send recommended proposals to Central Office. | Central Office will shortlist the applications. | The projects will be presented to FDOT Transportation System Management and Operations (TSM&O) leadership. | District and local agencies implement project. |

Categories	Criteria	Max Points
Accelerate the CAV Program	Does the project accelerate the deployment and implementation of CAV technologies in Florida?	6
Safety	Does this project directly reduce or have the potential to reduce fatal, serious injury and/or secondary crashes?	20
Mobility	From a mobility perspective, does this project directly benefit at least one mode, i.e. vehicles, pedestrians, bicyclists, disabled, economically disadvantaged, and aging road users?	15
Efficiency and Reliability	Does this project directly benefit (or have the potential to impact) efficiency and/or reliability for travelers, freight, transit riders, aging road users, pedestrians, and/or bicyclists?	5
Feasibility	Do proposed technologies comply with or have the potential to comply with relevant state and federal safety laws? Is the proposed project inter operable and/or dies it have the potential to become inter operable with the existing or programmed CAV Projects?	10
Funds	Does this project leverage local funds if the project will involve industry partners, in addition to FDOT and the local agency, will there be a structured memorandum of understanding (MOU) spelling out roles and responsibilities of partners?	10
Benefit/Cost	Does this project offer benefits with a high B/C ratio and a good return on investment?	6
Data and Security	Explain how the project will safeguard data privacy and deploy a cyber security platform.	10
Operations and Maintenance	Does this project address staffing, funding, and procedures for operations, maintenance, and replacement of CAV infrastructure, technologies, and applications?	8
Project Evaluation	Does this project have pre-defined performance measures? What are the expected outcomes and how are these outcomes measured? Is there a systems validation and verification process in place? Explain how this will be performed.	5
Management Structure	Does the project offer a management structure to deliver the outputs with safety and mobility goals?	5
	Maximum Total Points	**100**