Title: Advanced Transportation and Congestion Management Technologies Deployment Initiative Grant Application

Location: Citywide

Recommendation: Pass a Resolution authorizing the City Manager or his designee to submit a grant application in an amount not to exceed $24 million to the United States Department of Transportation Federal Highway Administration (FHWA) Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) Initiative.

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Presenter: None

Attachments:
1-Description/Analysis
2-Resolution
Description/Analysis

Issue Detail: The U.S. Department of Transportation FHWA has advertised a Notice of Funding Opportunity (NOFO) for the Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) Initiative. The application due date for this program is June 12, 2017. If successful, FHWA grant will help to fund a project to deploy installation and operation of advanced transportation technologies to improve safety, efficiency, system performance, and infrastructure within the City.

Policy Considerations: Funding the project identified in the background section of this report is consistent with the City’s General Plan goal to promote and support economic vitality by investing in infrastructure development to support sustainable growth.

Economic Impacts: None

Environmental Considerations:

California Environmental Quality Act (CEQA): No environmental review is necessary because the recommendation in this report involves the administrative activity of applying for grant funding and is not considered to be a project in accordance with Section 15378(b)(2) of the California Environmental Quality Act Guidelines.

Sustainability: The project identified for the grant application will be consistent with the City’s General Plan and will be aimed at addressing the goals and targets set forth in the Mobility Element of the 2035 General Plan and Air Quality Focus Areas by improving transportation infrastructure and using of emerging technologies.

Commission/Committee Action: None

Rationale for Recommendation: As the employment center and transportation hub for the region, the City of Sacramento bears a large burden of the area’s traffic congestion. An opportunity exists to receive funding to upgrade the City’s aging infrastructure for large scale installation and operation of advanced transportation technologies to improve safety, efficiency, system performance, and infrastructure return on investment.

Financial Considerations: This staff report is requesting authorization to submit an application for grant funding in an amount up to $24 million from FHWA. The final amount will vary depending on the final scope of the project. The anticipated local match is approximately 50%. If the requested grant is awarded by the FHWA, the required match can be provided by local transportation funds and our partners. Staff will return to Council to appropriate funding
and create a Capital Improvement Project (CIP). There are no General Funds planned or allocated for these projects.

**Local Business Enterprise (LBE):** Not applicable, as no goods or services are being procured with this action.

**Background:** The U.S. Department of Transportation Federal Highway Administration has advertised a Notice of Funding Opportunity for the Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) Initiative. This call for projects is targeting approximately $60 million in Federal Funding to provide grants to eligible entities 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 FHWA intends for these model technology deployments to help demonstrate how emerging transportation technologies, data and their applications can be effectively deployed and integrated with existing systems to provide access to essential services and other destinations. The maximum federal funding an agency can receive from FHWA for this notice is $12 million.

**Program Guidelines and Criteria:** All U.S. State and local governments are encouraged to apply. Projects funded under this initiative will deploy advanced transportation and congestion management technologies, including:

- Advanced traveler information systems;
- Advanced transportation management technologies;
- Infrastructure maintenance, monitoring, and condition assessment;
- Advanced public transportation systems;
- Transportation system performance data collection, analysis, and dissemination systems;
- Advanced safety systems, including vehicle-to-infrastructure communications, technologies associated with autonomous vehicles, and other collision avoidance technologies, including systems using cellular technology;
- Integration of intelligent transportation systems with the Smart Grid and other energy distribution and charging systems;
- Electronic pricing and payment systems; and
- Advanced mobility and access technologies, such as dynamic ridesharing and information systems to support human services for elderly and disabled individuals.

In recognition of the fact that each location has unique attributes, and each location’s proposed deployment will be tailored to their specific visions and goals, the FHWA has provided a framework for applicants to consider in the development of their proposed deployment. Rather
than soliciting for a specific type of project, FHWA is particularly interested in the deployment programs and projects in the following areas:

- Multimodal Integrated Corridor Management (ICM);
- Installation of Connected Vehicle Technologies at Intersections and Pedestrian Crossing Locations;
- Unified Fare Collection and Payment System Across Transportation Modes and Jurisdictions;
- Freight Community System;
- Technologies to Support Connected Communities;
- Infrastructure Maintenance, Monitoring, and Condition Assessment; and
- Rural Technology Deployments.

**Selection Process:** FHWA will review all eligible applications received before the application deadline. The ATCMTD process will consist of a technical evaluation review and senior review. Evaluations in both the technical evaluation and senior review phases will place projects into rating categories of Highly Recommended, Recommended, and Not Recommended and will not assign numerical scores. The Secretary will select the projects for award.

**Anticipated Federal Award Dates:** FHWA anticipates awarding funds in September 2017.
RESOLUTION NO.
Adopted by the Sacramento City Council

AUTHORIZATION TO APPLY FOR ADVANCED TRANSPORTATION AND CONGESTION MANAGEMENT TECHNOLOGIES DEPLOYMENT (ATCMTD) INITIATIVE GRANT APPLICATION

BACKGROUND

A. The US Department Transportation, through the Federal Highway Administration (FHWA) has announced a Notice of Funding Opportunity for the Advanced Transportation and Congestion Management Technologies Development (ATCMTD) Initiative grant program.

B. The ATCMTD grant program seeks to fund model deployment sites for large scale installation and operation of advanced transportation technologies to improve safety, efficiency, system performance, and infrastructure return on investment.

C. The estimated cost of the proposed project is not anticipated to exceed $24 million; the total cost may vary depending on the final scope of the project. The anticipated local match is approximately 50%.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

Section 1. The City Manager or his designee is authorized to submit an application for the ATCMTD initiative grant in an amount not to exceed $24 million.