
Authority Board **STAFF REPORT**

Meeting Date: May 17, 2023

Subject	NEW ITEM: Update on the Contra Costa Countywide Smart Signals Project (Project)
Summary of Issues	The Authority is leading the Project to upgrade traffic signals and communication systems at approximately 327 intersections throughout the 19 cities/towns and unincorporated communities in Contra Costa County. The majority of the traffic signals are located along Routes of Regional Significance including major corridors within Contra Costa County.
Recommendations	Staff will provide an update on the Project. This is an informational item only; no staff recommendation at this time.
Staff Contact	John Hoang
Financial Implications	The Project cost is \$30,774,422 (funded by One Bay Area Grant Cycle 3 (OBAG 3), local match funds from Cities/Towns, Local Partnership Program – Formulaic (LPP-F), and Measure J)
Options	None
Attachments	A. Project Fact Sheet
Changes from Committee	N/A

Background

The Authority is the lead and serves as the project sponsor for the Project. The Project will upgrade existing traffic signal systems, including controllers and communication systems, to provide interconnectivity throughout the 19 cities/towns and unincorporated Contra Costa

County. The existing traffic signal systems in most cities/towns and unincorporated Contra Costa County are legacy systems and are outdated. The Project will provide capabilities to enhance the sharing of real-time information and data between agencies. Having a unified signal system and other technologies will provide the ability to implement video analytics, transit priority lanes, improve bicycle signals/phases, and signal control prioritization technologies to promote transit use by reducing delay and travel times for transit vehicles.

The Authority applied for and received \$26,555,000 in OBAG 3 federal funds. The total cost of the Project is \$30,774,422, which includes a combination of local matching funds from each of the 19 cities/towns and unincorporated Contra Costa County, LPP-F funds, and matching funds from the Authority.

The Authority is working collaboratively with the 19 cities/towns and unincorporated Contra Costa County, the transit agencies, Bay Area Rapid Transit, and the California Department of Transportation to develop and implement the Project and has established a Core Advisory Group and Stakeholders Group. This Project is being coordinated specifically with the Innovate 680 project for jurisdictions which are part of that project to assure that equipment and systems deployed are compatible for both projects.

Staff will provide an update on the Project. This is an informational item only; no staff recommendation at this time.