



## CITY COUNCIL AGENDA REPORT

**Meeting Date:** June 29, 2023  
**From:** Director of Public Works/City Engineer  
**Subject:** Authorize City Manager to Sign Agreements for Funding and for Purchase and Installation of Fiber Optic Facilities

### **Community Goal/Result - Safe Community**

#### **Purpose**

The purpose of the recommended action is to grant the City Manager authority to execute a funding agreement for C/CAG to pay for fiber optic facilities, and a purchase and installation agreement for fiber optic facilities.

#### **Recommendation**

Authorize the City Manager to sign two agreements on the city's behalf:

1. A funding agreement between the City/County Association of Governments of San Mateo County and the City of Brisbane for conduit purchase and fiber installation for the smart corridor extension project.
2. A bill of sale agreement between Intermountain Infrastructure Group and the City of Brisbane for purchase and installation of fiber optic conduits and dark fiber.

A condition precedent to the City Manager executing these agreements is the City Attorney's review and approval of same.

#### **Background**

The City/County Association of Governments of San Mateo County has been leading the effort on a County Smart Corridor project that is designed to improve the mobility of local arterial streets by installing Intelligent Transportation System (ITS) equipment, such as an interconnected traffic signal system, close circuit television (CCTV) cameras, dynamic message signs, and vehicle detection system, on predefined designated local streets and state routes. The ITS infrastructure will provide local cities and Caltrans with day-to-day traffic management capabilities in addressing recurring and non-recurring traffic congestion.

A key aspect of this project is the installation of fiber optic (FO) lines to provide the telecommunication conduit backbone for the described ITS components. The Smart Corridor project is mostly complete in south and central San Mateo County, and the project that started in South San Francisco in 2021 is also complete.

To complete the northern portion of San Mateo County ITS, C/CAG engaged an engineering firm to design the fiber optic conduit and the ITS components for Daly City, Colma, and Brisbane.

Somewhat in parallel with C/CAG's efforts on the Smart Corridor, Intermountain Infrastructure Group (IIG) has been processing an encroachment permit application with Brisbane to run a new bank of fiber optic conduits in Bayshore Boulevard from the northern city limits to the southern city limits.

C/CAG recognized the advantage in "piggybacking" off IIG's proposed project, and IIG willingly entered into 3-party negotiations as part of an effort to minimize the number of excavations in a single street for telecommunications facilities. While Brisbane does not have a "dig once" policy in effect, the mutually agreed upon negotiations generally follow the practices recommended by the Federal Highway Administration (FHWA).

Assuming these negotiations, the final agreements, and construction all come to fruition, at the end of this effort C/CAG and Brisbane will each own a fiber optic conduit with "dark fiber" in the new bank of FO conduits proposed to be installed in Bayshore by IIG.

### **Discussion**

Staff and the City Attorney have reviewed and generally approved plans, specifications and the two agreements that are the subject of this staff report. The one issue that has delayed finalizing these agreements has been the tenuous nature of the public funds from which C/CAG hoped to fund its portion of the project. In early June, C/CAG was able to convince the California Transportation Commission to approve its requested allocation.

At this point in time, staff believes that final funding approval from C/CAG and final approval of IIG's plans will occur during Council's summer recess. IIG's permit from the City is anticipated to be issued in the next 30-60 days; if Brisbane and C/CAG are to have their FO conduit and dark fiber installed by IIG, these two agreements must be finalized prior to August.

### **Fiscal Impact**

The funding agreement with C/CAG will provide that C/CAG pays for 100% of the cost of installation, including any amendments found necessary during construction. The current cost estimate for the install of C/CAG's and Brisbane's "filled" FO conduit is \$831,924.

The city's only contribution to this project is engineering and field inspection staffing to oversee the work in our jurisdiction.

### **Measure of Success**

A backbone FO system installed at no cost to the city in Bayshore Boulevard and ready for connection to ITS network components.

  
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Randy Breault, Public Works Director

  
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Clay Holstine, City Manager