

SOUTH SAN FRANCISCO SMART CORRIDOR PROJECT



NEED

The segment of US-101 within the City of South San Francisco is part of the National Highway System, classified as a strategic highway network route to provide defense access, continuity, and emergency capability for transporting personnel, materials, and equipment. The City of South San Francisco experiences significant traffic impacts on local streets during major traffic incidents on US-101 and I-380, due to the significant amount of traffic that exits the freeway in search of a route to bypass incidents. **In the current conditions today, the City lacks the tools to communicate with drivers on the preferred alternative routes, which may result in increased congestion on the local network and unpredictable travel times.**



SCOPE

The South San Francisco Smart Corridor Project is a joint effort by the City of South San Francisco, the California Department of Transportation (Caltrans) District 4, and C/CAG of San Mateo County to develop a traffic management system along key arterial corridors that parallel US-101 and I-380. The Smart Corridor program provides public agencies with the tools to efficiently manage traffic congestion safely through local streets during normal operating conditions, major freeway incidents, and special events. The proposed project will accomplish this through the installation of tools and systems including 81 traffic monitoring cameras, 12 dynamic message signs, 20 traffic signal controller upgrades, 7 detection stations, and 6 miles of fiber communications on local streets adjacent to US-101 and I-380.



COST

The total estimated cost for the South San Francisco Project is \$7.1M.



SCHEDULE

The following is a summary of the project schedule:

- Final Design to be completed Winter 2021
- Construction: Spring 2021 to Summer 2022



BENEFITS

The Smart Corridors program provides the following benefits:

- Provides tools for cities to manage traffic on local streets during recurring and non-recurring conditions
- Minimizes incident travel time, queues, and delay (up to 21%*) experienced on local streets
- Enhances coordination between multiple public agencies to create a regional approach to managing incident traffic

**Phase 1 and 2 San Mateo County Smart Corridor Program - Traffic Light Synchronization Program (TLSP) Project Self Certification Closeout Form*



Figure 1 – South San Francisco Project Corridors

- Airport Blvd: US-101 (City Limit) to Terminal Ct
- South Airport Blvd: Rd 21 to Mitchell Ave
- Gateway Blvd: Mitchell Ave to Oyster Point Blvd

To see map in detail, zoom in on this PDF.