



San Mateo County Smart Corridor Construction Update

C/CAG Board – April 10, 2025

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Smart Corridor Overview



Program Overview



Designed to enhance mobility



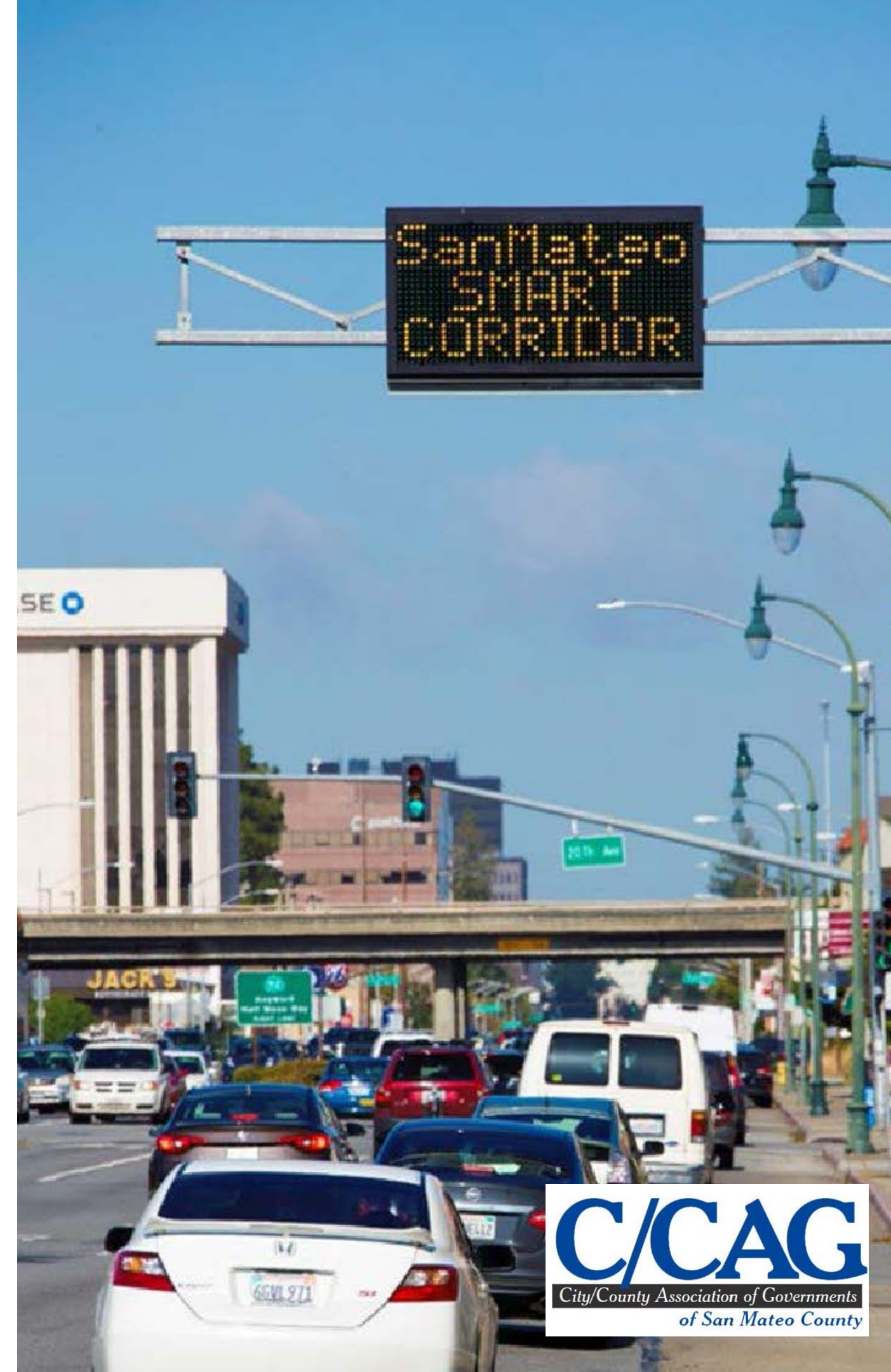
Installs traffic management infrastructure and communications



Enable active traffic management capabilities and coordination (Minimize delay up to 21%)



Allows drivers to make informed choices



Project Benefits and Use Cases

Fiber Optic Communications

- Smart Corridor communications
- Emergency coordination
- Citywide services



Adaptive Traffic Control

- Shift from static to dynamic, traffic responsive signal timing



Wayfinding Signage

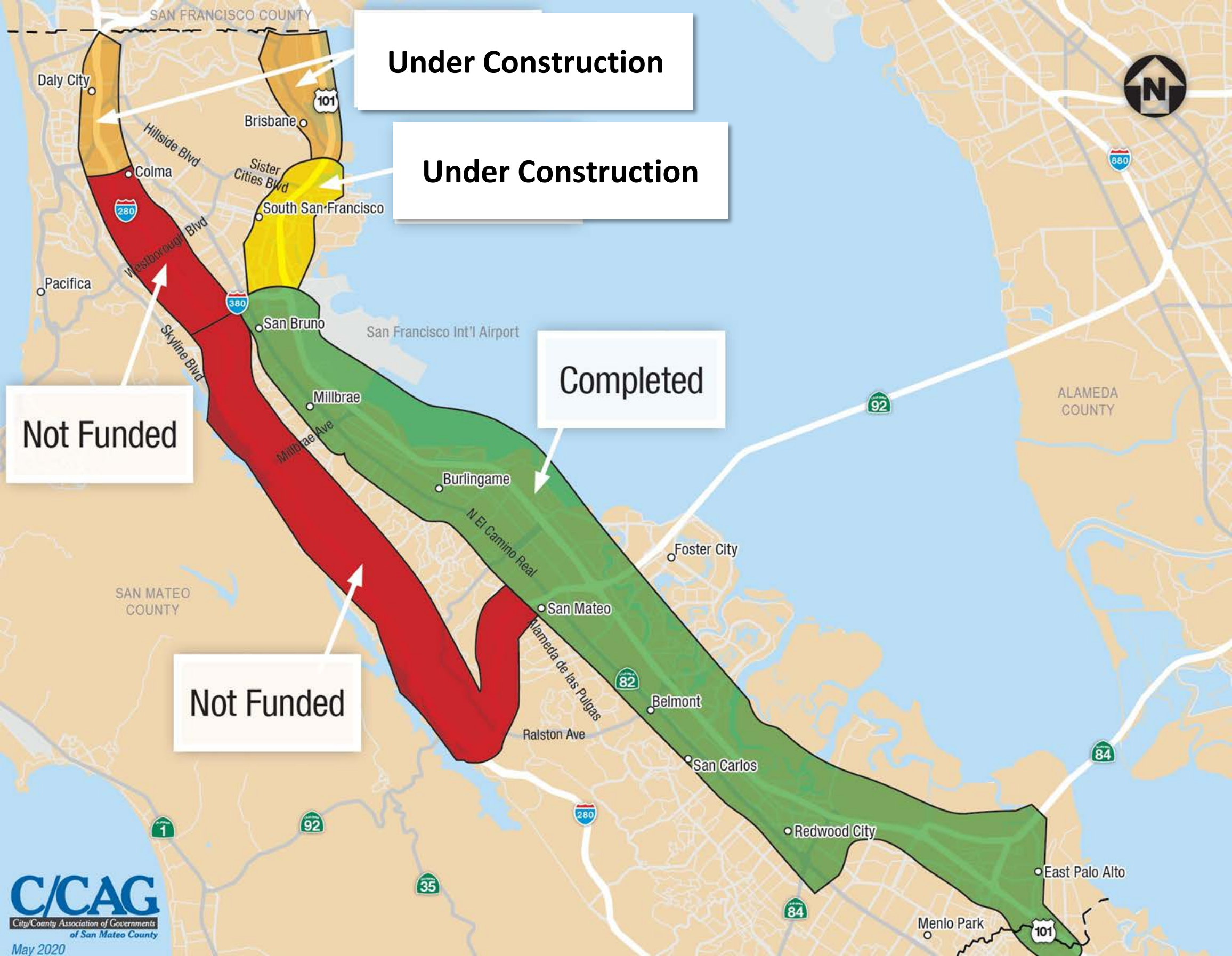
- Detour messages
- Special event signage



Project Alignment

Devices	Southern Complete	SSF Under Con.	Northern Under Con.	Total
Trailblazer Signs	117	7	13	137
Traffic Controllers	236	49	6	291
Vehicle Detectors	40	7	7	54
CCTV Cameras	270	81	57	408
Dynamic Signs	-	4	-	4
Total	663	148	83	894

Communications	Total Miles
Fiber optic cable	63.8



Southern Segments

Devices	Qty Installed
Trailblazer Signs	117
Traffic Controllers	236
Vehicle Detectors	40
CCTV Cameras	270
Total	663

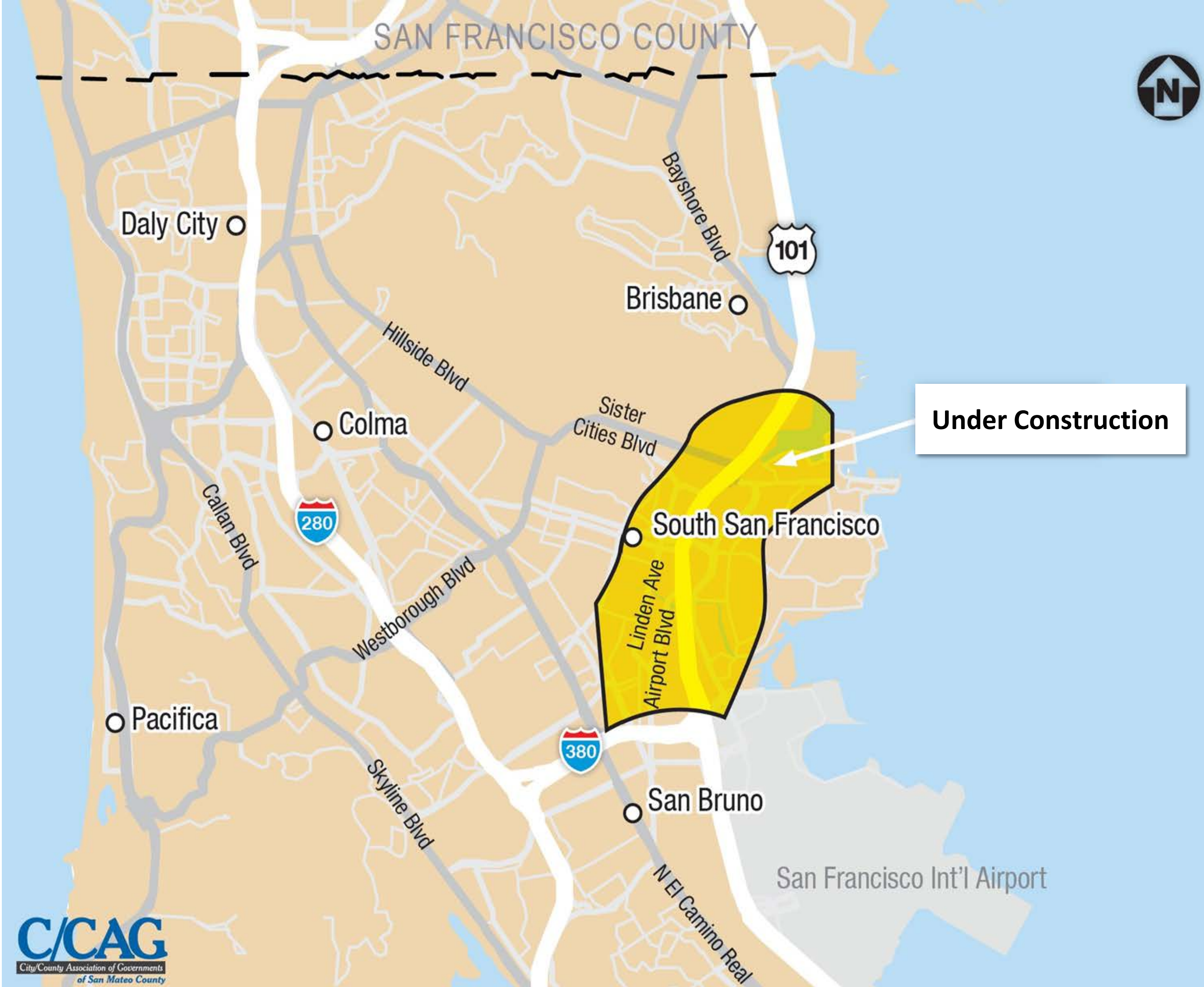
Communications	Miles
Fiber optic Cable	50



South San Francisco

Devices	Qty
Trailblazer Signs	7
Traffic Controllers	49
Vehicle Detectors	7
CCTV Cameras	81
Dynamic Signs	4
Total	148

Communications	Miles
Fiber optic Cable	8.5



South San Francisco – Timeline And Costs

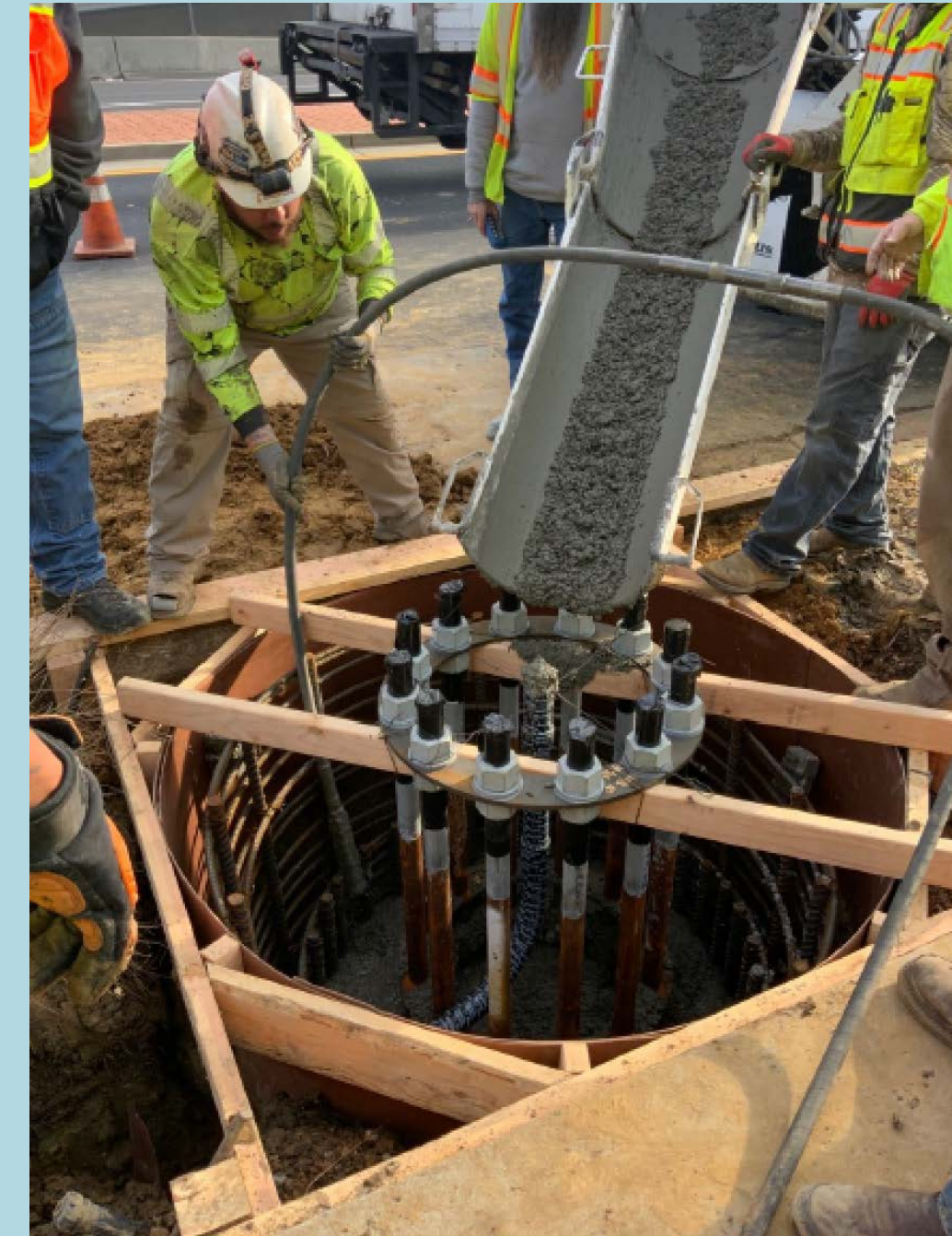
Timeline

- **Construction Start Date:** March 2022
- **Estimated Completion Date:** August 2025

Project Costs

- **Estimated Total Project Costs:** \$8.6M
- **Estimated Construction Costs:** \$8.2M
 - C/CAG Directed State funding: \$5.6M
 - C/CAG contribution: \$2.9M

Totals may not add up to due rounding.



South San Francisco – Construction Updates



Utility Trench Excavation installation
along walkway (Airport Blvd)

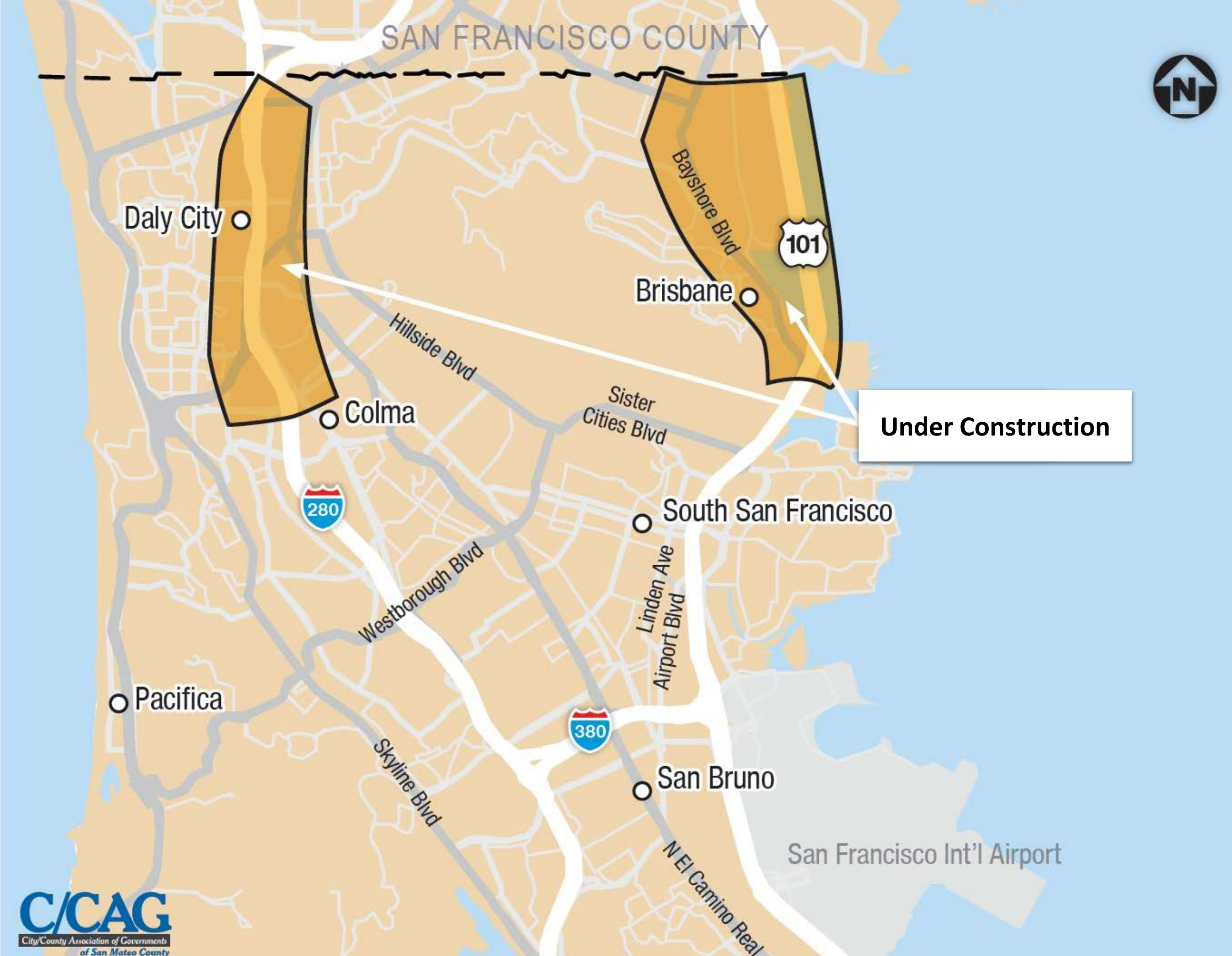
All trailblazer and dynamic messaging
signs have been installed.



Northern Cities Expansion

Devices	Est. Qty
Trailblazer Signs	13
Traffic Controllers	6
Vehicle Detectors	7
CCTV Cameras	57
Total	83

Communications	Est. Miles
Fiber optic Cable	5.3



Northern Cities – Timeline and Costs

Timeline

- **Construction Start Date:** January 2025
- **Estimated Completion Date:** December 2025

Project Costs

- **Estimated Total Project Costs: \$13.4M**
- Estimated Construction Costs: \$11.4M
- C/CAG Directed State Funding: \$10.3M
- C/CAG contribution: \$3.1M



South San Francisco + Northern Cities Combined Costs

Project Costs

- **Estimated Total Project Costs: \$22M**
- C/CAG Directed State Funding: \$15.9M
- C/CAG contribution: \$6M

Totals may not add up to due rounding.



Northern Cities – Daly City/Colma - Construction Updates



Conduit Installation



Pullboxes



Camera Poles Foundation

Northern Cities – Brisbane - Construction Updates

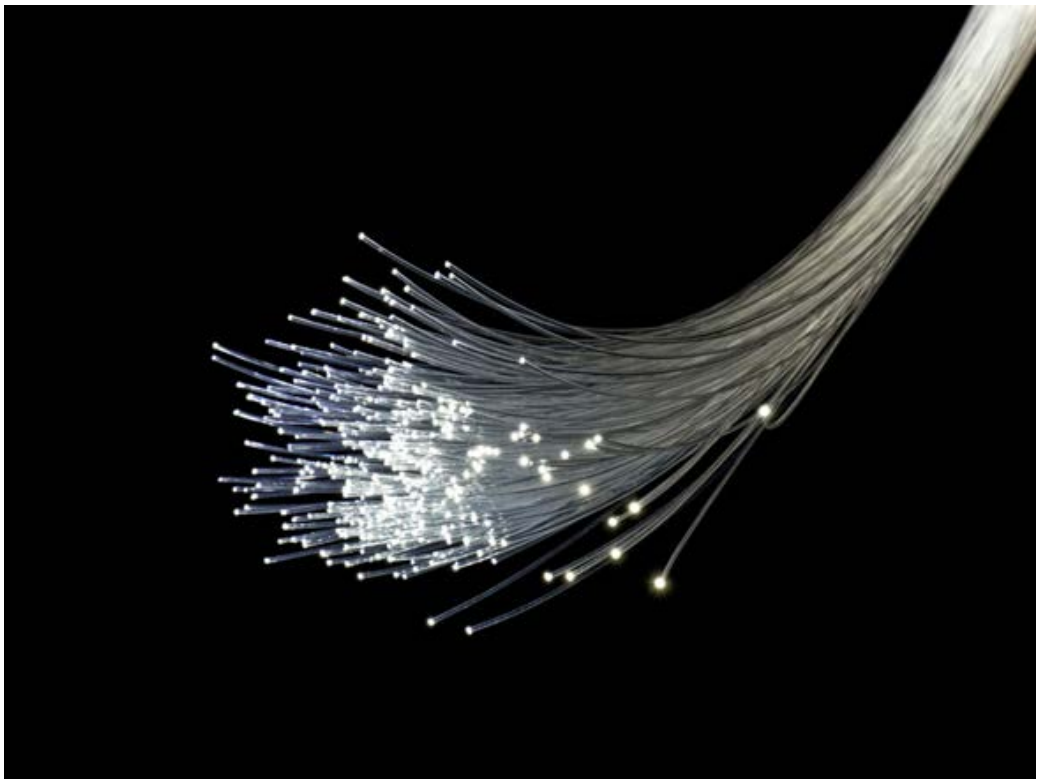


Fiber Testing



Fiber

Smart Corridor Opportunities



An aerial photograph of a coastal city at sunset. The sun is low on the horizon, casting a warm glow over the city and the surrounding water. The city is densely packed with buildings, and the water is a deep blue. The sky is a mix of orange and blue.

Thank You!

Audrey Shiramizu
Senior Transportation Programs Specialist
ashiramizu@smcgov.org

