

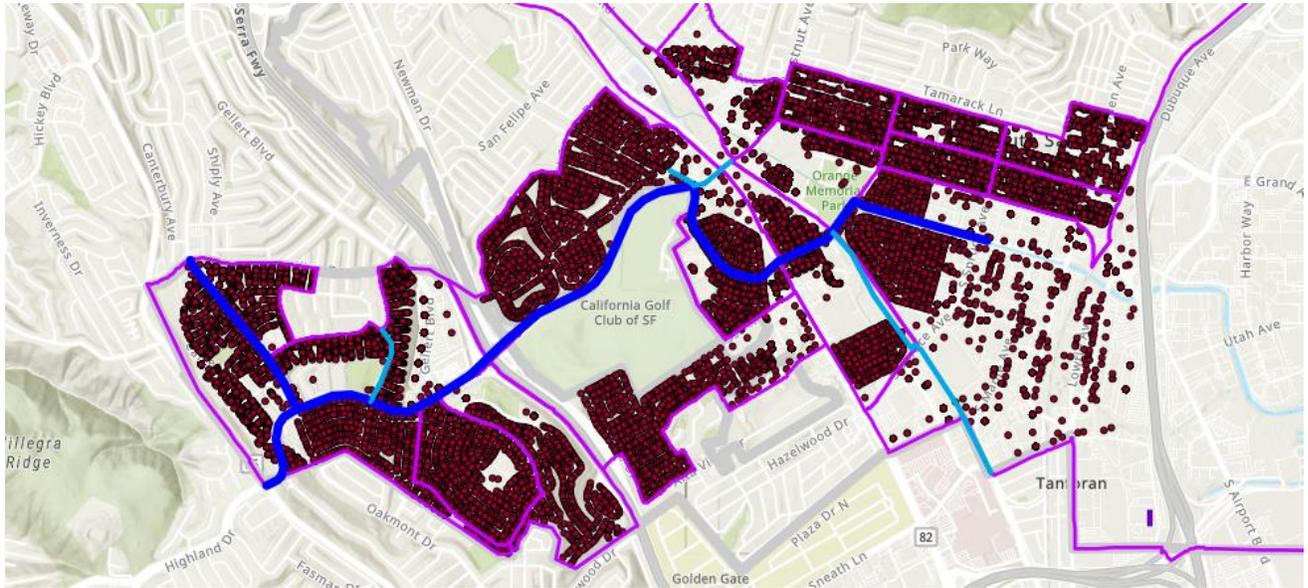
Project Summary

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

City of South San Francisco CASF Application
Fiber Build Project

a. Basic Project/Applicant Information	
i. Company/Applicant's Name	Applicant: City of South San Francisco
ii. CPCN/U-Number or WIR or pending. CPCN/WIR application number, if applicable	CPCN/U-Number: N/A
iii. Contact person	Name: Tony Barrera Title: Director of Information Technology – City of South San Francisco Email: Tony.Barrera@ssf.net
iv. Project title	Title: South San Francisco Fiber Build Project (Installation of 288-strand fiber optic cable)
v. Named Project Location (community/county)	Community: South San Francisco County: San Mateo County
vi. Project Type (Last-mile or hybrid last-mile/middle mile)	Type: Middle Mile Project with plans to make last-mile connections to residential and commercial uses.
vii. Amount of CASF grant funding requested and project cost	Grant funding requested: \$1,500,000 Project Cost: \$1,500,000 (100% of project cost)

Map of the proposed project area, including identification of serviceable locations (points) proposed to be served



The number of serviceable locations in the proposed project area

Total count is 12,221, with the following breakdown:

- 82 Anchor locations
- 1,364 Businesses
- 10,775 Residents

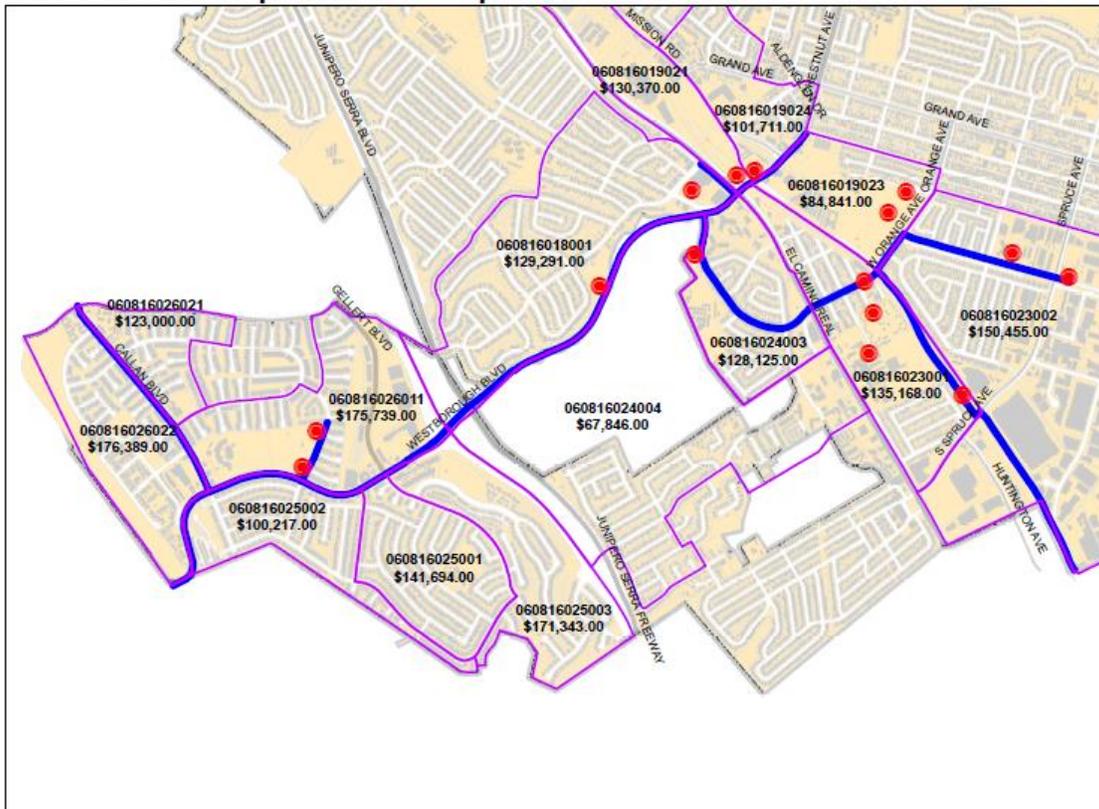
The maximum upload and download speeds currently offered to serviceable locations in the project area (in mbps)

1000/Mb upload/download.

Median household income of the project area

BlockGroup	MedHouseIn
060816026022	\$176,389.00
060816026011	\$175,739.00
060816019024	\$101,711.00
060816026021	\$123,000.00
060816023002	\$150,455.00
060816024003	\$128,125.00
060816019021	\$130,370.00
060816019023	\$84,841.00
060816024004	\$67,846.00
060816025003	\$171,343.00
060816018001	\$129,291.00
060816025001	\$141,694.00
060816025002	\$100,217.00
060816023001	\$135,168.00
060816022012	\$73,226.00
060816022022	\$80,656.00
060816022011	\$87,298.00
060816022013	\$83,199.00
060816022021	\$61,806.00

SSF Conduit Map - Block Group Median Income



The number of businesses, anchor institutions and public safety locations in the project area that will receive new or improved service

- 2 Fire Stations
- 1 Police Station
- 1 Preschools, 2 future Preschools
- 4 Parks
- Stub-out to Boys and Girls Club
- Stub-out to Housing Authority
- Stub-out to Apartment Complex in Westborough Area
- Library

A description of the major infrastructure to be deployed

Install 288-Strand Fiber optic cable and installation of (2) 2” conduits for carrier or City use to connect areas without service based on the interactive broadband map.

Estimated construction timeline

1 year.

Estimated breakdown of aerial and underground installation

See below.

South San Francisco Fiber Optic Network Design								
South San Francisco								
Cost Estimate								
65% Design (CASF GRANT UPDATE) - 5/26/23								
Prepared by:	A Huang							
Checked by:	S. Rainey							
Item	Description	Unit	Quantity	Unit Cost	Extended Cost	CASF Grant Cost	CASF Grant Share	
1	Mobilization (8%)	LS	1	\$120,000	\$120,000			
2	Traffic Control (8%)	LS	1	\$120,000	\$120,000			
3	Furnish and Install 2-3" Conduit	LF	4,150	\$100	\$415,000	\$207,500	50%	
4	Furnish and Install 3" Conduit	LF	3,770	\$80	\$301,600	\$226,200	75%	
5	Furnish and Install 288-strand SMFO Cable	LF	19,580	\$18	\$352,440	\$176,220	50%	
6	Furnish and Install 48-strand SMFO Cable	LF	290	\$14	\$4,060			
7	Furnish and Install 12-strand SMFO Cable	LF	13,690	\$10	\$136,900			
8	Furnish and Install Tracer Wire	LF	32,460	\$2	\$64,920			
9	Furnish and Install No. 6E Pullbox	EA	43	\$2,700	\$116,100	\$23,220	20%	
10	Furnish and Install Fiber Optic Splice Vault	EA	3	\$3,200	\$9,600			
11	Furnish and Install Splice Closure	EA	7	\$2,500	\$17,500	\$8,750	50%	
12	Make and Test Fiber Splicings and Terminations	EA	228	\$250	\$57,000	\$28,500	50%	
13	Furnish and Install 12-Port Fiber Termination Panel and Patch Cords	EA	9	\$1,200	\$10,800			
14	Furnish and Install 48-Port Fiber Termination Panel and Patch Cords	EA	1	\$5,000	\$5,000	\$2,500	50%	
					Sub-Total	\$1,731,000	\$ 672,890.00	
					Contingency @ 15%:	\$259,650	\$ 100,933.50	
					Construction Total:	\$1,990,650	\$ 773,823.50	
					Construction Management @ 30%:	\$597,195	\$ 232,147.00	50%
					Total Project Cost:	\$2,587,845	\$ 1,005,970.50	
<small>The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known.</small>								

Major equipment expenses

See above.

Description of proposed broadband project plan for which CASF funding is being requested, including the type of technology to be provided in the proposed service areas:

Download speed capabilities of proposed facilities

Fiber 1000 Mb Download.

Upload speed capabilities of proposed facilities

Fiber 1000 Mb Upload.

Sufficient construction detail to enable a preliminary indication of the need for a California Environmental Quality Act (CEQA) review and if proposed project areas contain any environmentally sensitive areas

See drawings.

Identification of the leveraging of existing available facilities

City of South San Francisco has installed 4.17 miles of city owned conduit. The Project will leverage the new conduits to install a 288-strand fiber cable.

A statement of whether the applicant is disputing the Broadband Map depiction of served status

The City of South San Francisco will not be disputing the Broadband Map depiction of served status.

A statement of whether the applicant is seeking Ministerial Review and, if so, information that the application meets all requirements for Ministerial Review. Broadband must be offered at \$15 or less per month

The City of South San Francisco is seeking Ministerial Review for the project on the grounds that:

- a. The middle mile strands that the project seeks to deploy would be connecting to anchor institutions and city facilities at no cost to them. Once an ISP partner is able to connect to the middle fiberoptic cable to serve residential households, the cost may or may not remain under \$15 per month, depending on service selected and circumstance.
- b. The grant amount requested for this project is far less than maximum request allowed to be eligible for ministerial approval.

- c. The project is not expected to be challenged.
- d. The project is expected to be California Environmental Quality Act (CEQA)-exempt.
- e. We do not expect to see any competing applications for the project area.
- f. Costs per serviceable location can be low.
- g. Additionally, certain groups may participate in the Federal ACP (Affordable Connectivity Program). As such, customers that qualify can receive \$30 off their services.

A description of middle mile facilities for which funding is requested in the proposed project area and an attestation that applicant will consult with CDT as required by these guidelines

The middle mile is the conduit installation along Westborough Blvd.

A statement accepting open access requirements for any middle mile facilities in the proposed project

The network will be available to lease by other carriers.