



Capital Planning Committee

Fiber to Affordable Housing Project Update

Closing the Digital Divide in San Francisco

Nov 2021

Speakers:

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City Digital Equity Strategy: Background and Vision

Background

- MOHCD prepared the City's Digital Equity Strategic Plan
- 8 City departments involved in planning and advising roles in strategy development
- Resident engagement included citywide survey and community needs assessment with 400 residents and 50 stakeholder organizations.

Vision

- Full and equitable access to digital technology and its benefits so all SF residents can thrive

The “3-legged” Stool of Digital Equity

- Internet Access: high quality, reliable, and affordable Internet
- Devices: Standard, business/school level
- Digital Skills: Full spectrum of digital literacy, from basic to advanced





Internet access for all SF households

Of the estimated 386,349 households in San Francisco, 64,800 lack broadband and 29,199 lack any Internet access.

	Households	Percentage
Total population	386,349	-
No broadband (wired)	64,800	16.8%
No Internet access	29,199	7.6%
Cellular data plan with no other type of Internet subscription	29,497	7.6%

Source: IPUMS USA. American Community Survey 2019 1-year estimate

Internet Service for Digital Equity



Capital Fundings to Expand Services

Fiber to Housing for Affordable Housing Units (7,328 Units)

COVID Shelters, Navigation Centers, Isolation Hotels (10 locations)

Senior Low-Income Complexes to support Telehealth (2 locations)

Community Rooms (31 locations)

Low-income Housing with High Number of Students (15 sites, 1,800+ students)

Park/Rec Centers used for DCYF Community Hubs (7 locations)

Student Community Hubs (33 locations) and 1,300 Chromebooks

SRO WiFi service in Chinatown – 2 Completed (40 units)



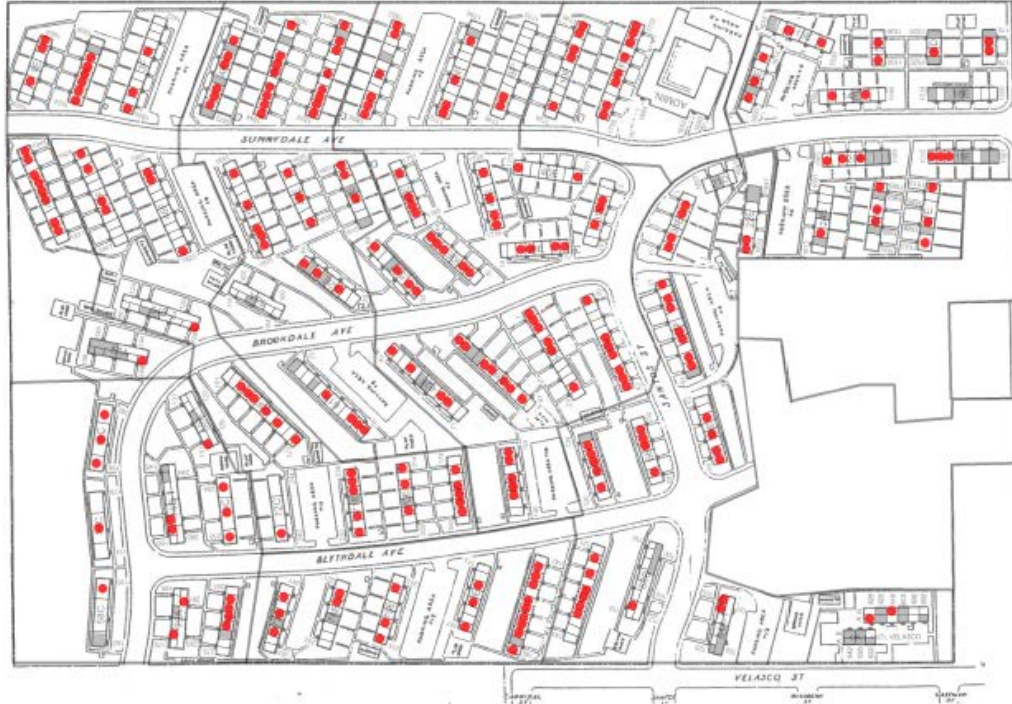
Near Term: Partnership with SFHA for Sunnydale Installation



San Francisco Housing Authority



Wi-Fi Installation for Public Housing Residents (estimated cost of \$1.4 million)



Sunnydale



Potrero Terrace

Legend

- Vacant units
- Units with youth in grades 3 to 12

	Sunnydale	Potrero Terrace	Potrero Annex (not shown)
Total number of occupied units	563	301	96
Total number of units with youth in grades 3-12	268	130	15
Total number of youth	418	191	27

City of San Francisco | Salesforce Digital Literacy and Entrepreneurship Playbook



salesforce



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CIVIC INNOVATION

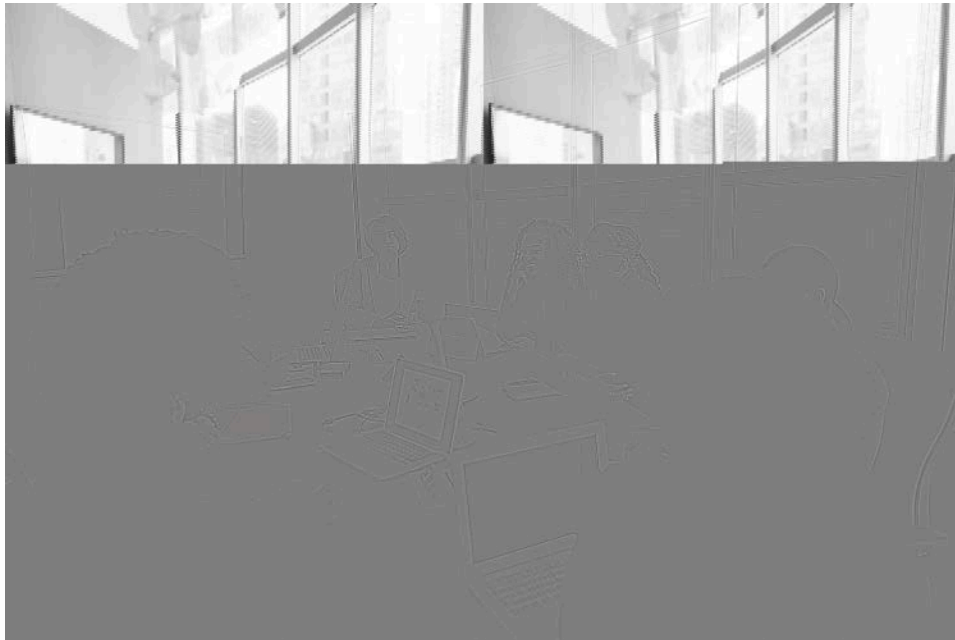
Project Goals



Design an **entrepreneurship and e-commerce digital skills playbook** for low-income communities.



Playbook to be used by CBOs and other digital skill training providers to deliver classes and programs.

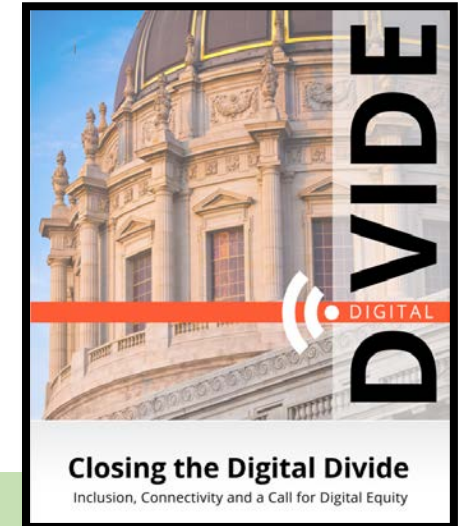


What Participants Learn

Digital start-up skills	E-commerce & marketing	Resources & coaching
<ul style="list-style-type: none">✓ Introduction to modern web applications✓ Personal and business finance✓ Personal online safety and security	<ul style="list-style-type: none">✓ Introduction to entrepreneurship, e-commerce, and branding✓ E-commerce selling models✓ E-commerce marketing basics✓ Customer service basics✓ Launching an Etsy Store	<ul style="list-style-type: none">✓ Understand how to start a legal business entity and the responsibilities of a business owner✓ Leverage the resources and support available in the City of San Francisco✓ Get hands-on coaching and individualized support upon course completion

FY21/22 Status and Budget

- Aligning the organization to support this work and adding project positions
- Estimated project spend
- Contracting with expert industry consultant for engineering and deployment
- Established City owned ISP to reduce future cost
- Concerns for supply chain delays



Recovery Stimulus: DT Fiber to Affordable Housing Project	SPEND DOWN/ENCUMBRANCE SCHEDULE											
	2021			2022				2023				
	Apr - Jun	Jul - Sept	Oct - Dec	Jan-Mar	Apr-June	July-Sept	Oct-Dec	Jan - Mar	Apr-June	July-Sept	Oct-Dec	
Project Schedule:	Planning	Planning	Construction*	Construction	Construction	Construction	Construction	Construction	Construction	Construction	Construction	
Anticipated Spending:	\$ -	\$ 737,000.00	\$ 250,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,250,000.00	\$ 1,250,000.00	\$ 1,250,000.00	\$ 1,250,000.00	\$ 1,250,000.00	\$ 763,000.00	\$ 10,000,000.00
Critical Repairs: DT Fiber Backbone Expansion Project	SPEND DOWN/ENCUMBRANCE SCHEDULE											
	2021			2022				2023				
	Apr - Jun	Jul - Sept	Oct - Dec	Jan-Mar	Apr-June	July-Sept	Oct-Dec	Jan - Mar	Apr-June	July-Sept	Oct-Dec	
Project Schedule:	Planning	Design	Construction	Construction	Construction	Construction	Construction	Construction	Construction	Construction	Construction	
Anticipated Spending:	\$ -	\$ 1,073,000.00	\$ 25,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 152,000.00	\$ -		\$ 2,500,000.00
* Construction is the installation of fiber												

Fiber to Housing Investment Impact



Internet service enables City programs and city digital services that improve the quality of life in the community with a focus on students, seniors, low income residents, residents with disabilities, and unserved communities in the City.

