

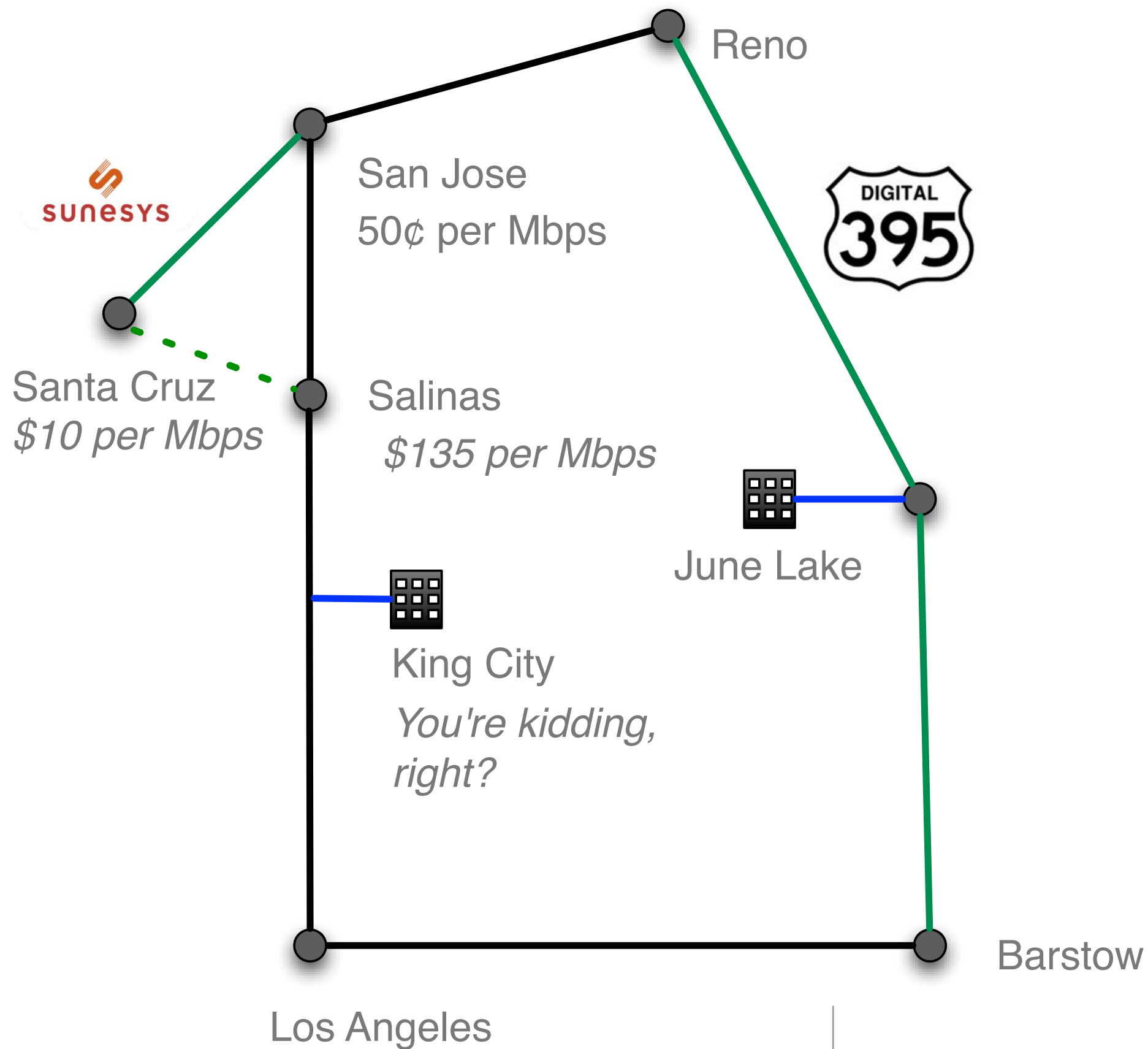
# Central Coast Broadband Update

11 March 2016

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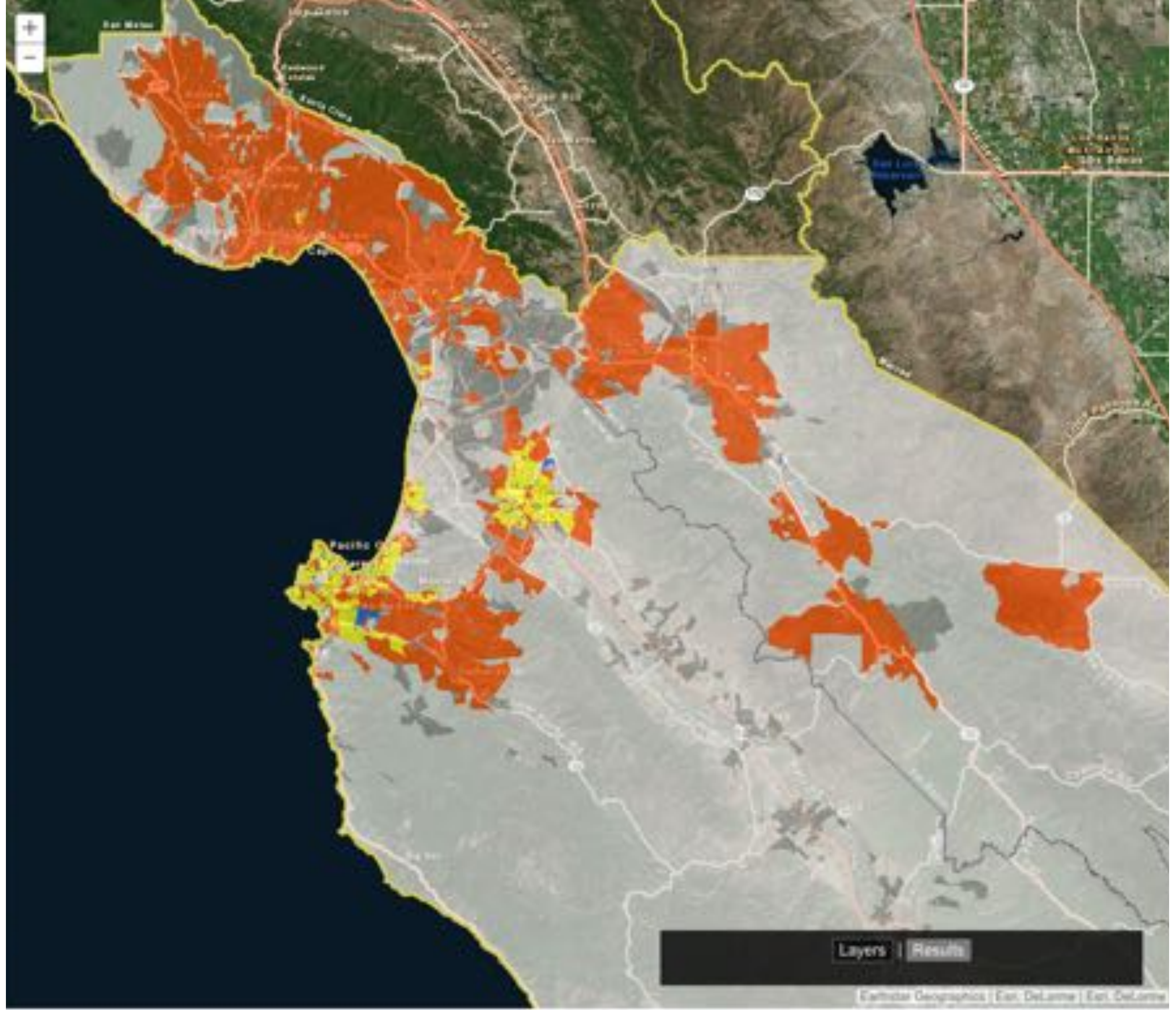


Central Coast  
Broadband Consortium



Distance & location matter

You mean the Internet isn't free?



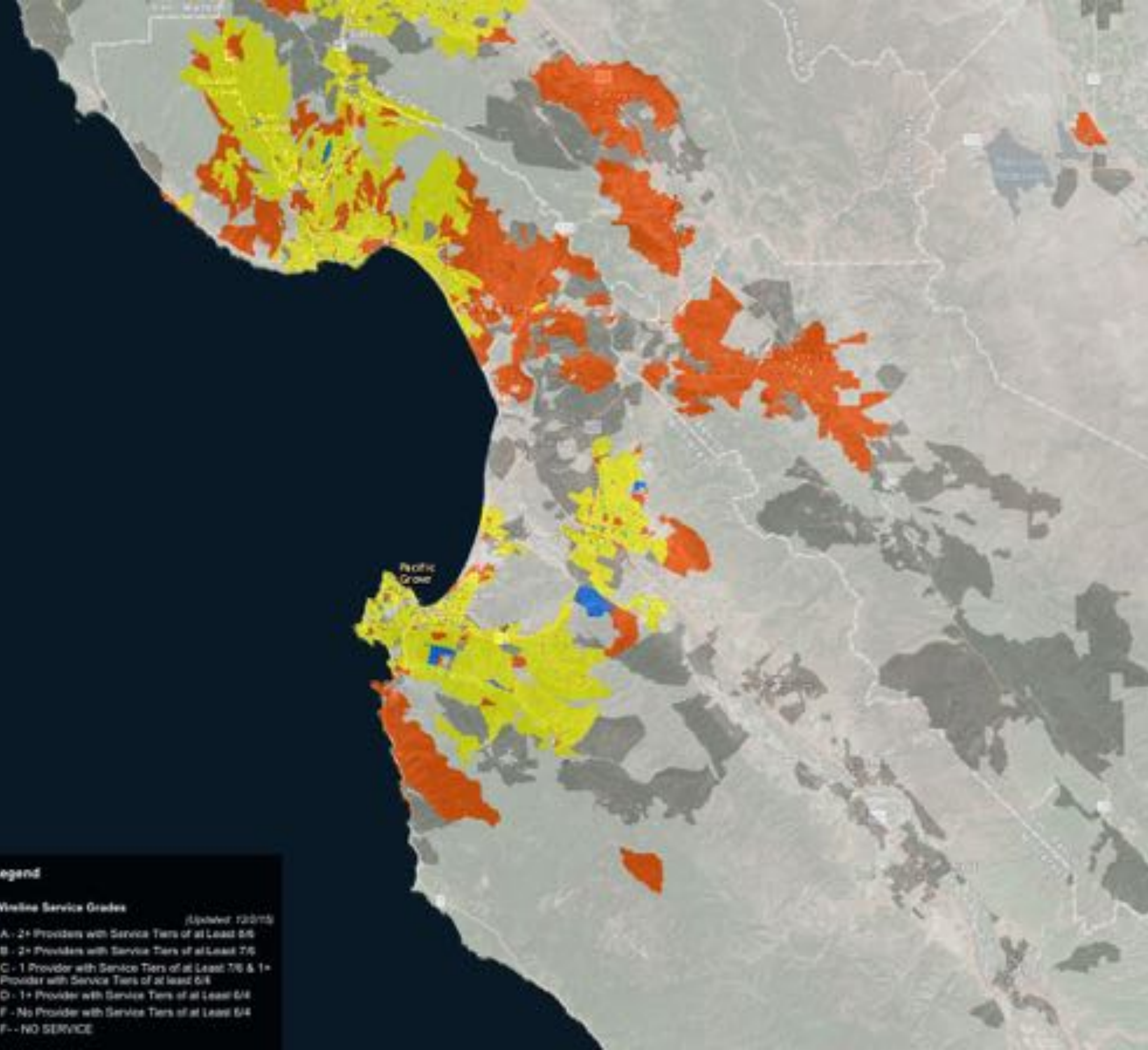


— Legend

CA Wireline Service Grades

(Updated: 12/2015)

- A - 2+ Providers with Service Tiers of at Least 5/5
- B - 2+ Providers with Service Tiers of at Least 7/5
- C - 1 Provider with Service Tiers of at Least 7/5 & 1+ Provider with Service Tiers of at least 6/5
- D - 1+ Provider with Service Tiers of at Least 6/5
- F - No Provider with Service Tiers of at Least 6/4
- F - NO SERVICE









# CCBC priority areas

## Monterey County

1. Greenfield
2. King City
3. Gonzales

## Regional Wild Cards

1. Soledad
2. Castroville
3. Chualar

## Santa Cruz County

1. Pleasure Point/Twin Lakes
2. Soquel
3. Brookdale

## San Benito County

1. Aromas area
2. Airport/Northeast area
3. Cienega Road area

Recognised as priorities in  
CPUC resolution

On fast track for CASF  
money

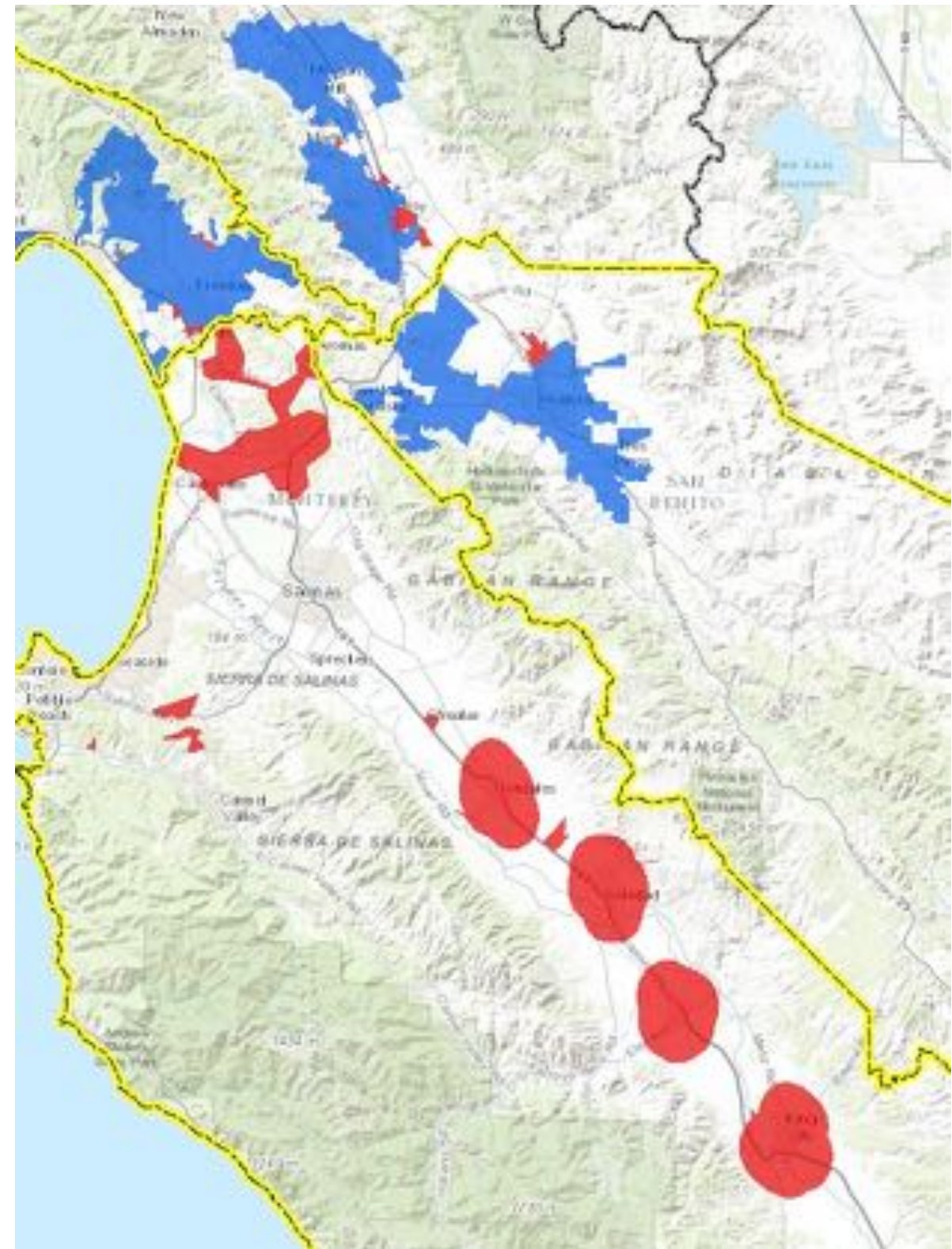
- AB 1549 – access to Caltrans conduit
- AB 1758 – Assemblyman Mark Stone proposing raising broadband minimums for CASF eligibility
  - Working to add \$350 million, expand eligibility
    - \$150 million for infrastructure grants
    - \$75 million for public housing broadband
    - \$100 million for adoption programs
    - \$15 million for consortia
    - \$10 million for California Telehealth Network

Focus on rebooting CASF

Negotiations continue  
with incumbents



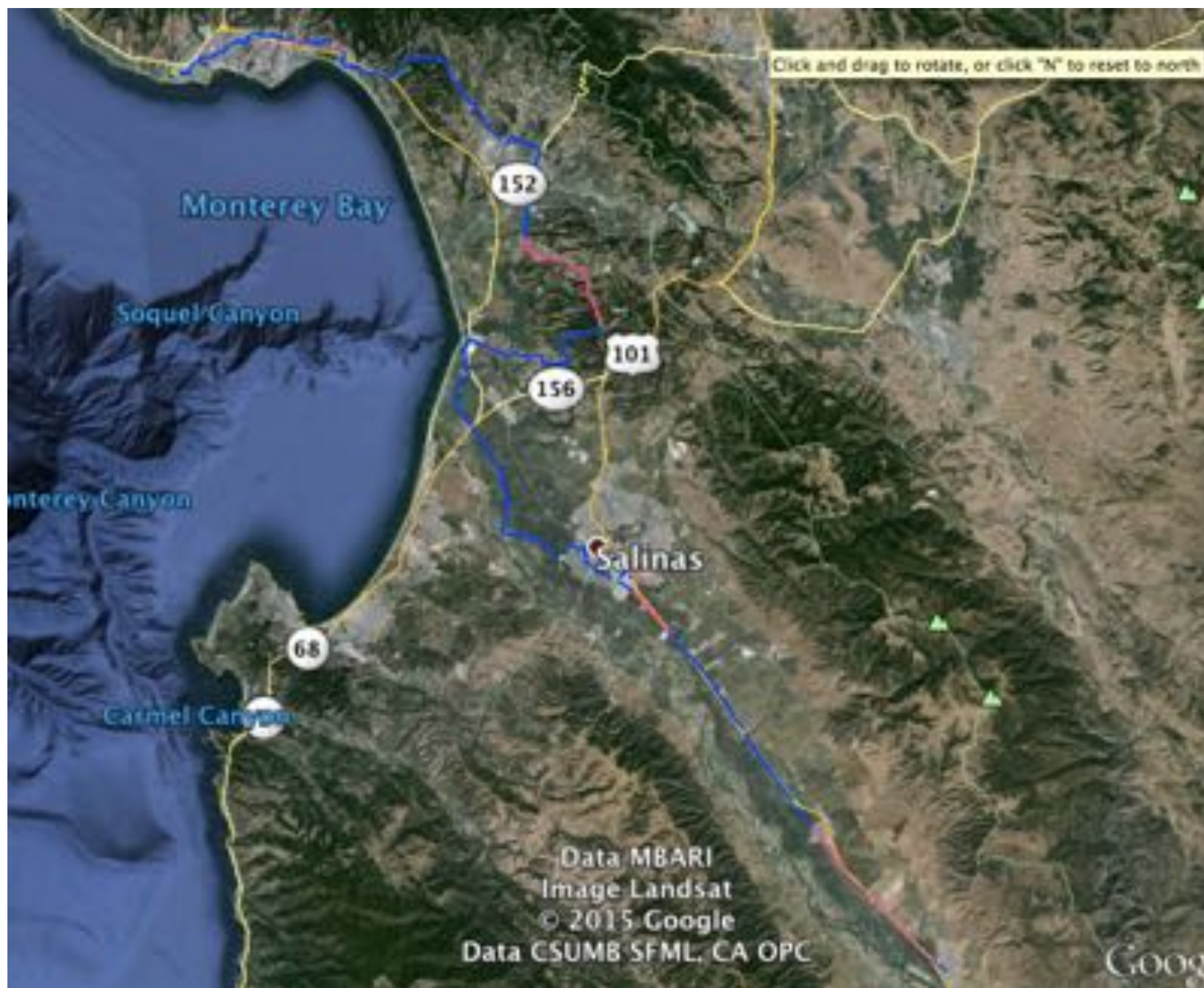
- 109,000 people, ~30,000 homes in Monterey County have analog video service but no digital video or broadband from Charter
- City of Gonzales granted party status in CPUC review of Charter's proposed purchase of Time Warner and Bright House cable systems in southern California
  - Pushed for digital upgrade
- Monterey County followed three months later
- Charter, Gonzales, Monterey County reached agreement for digital upgrade over three years, if deal is approved



Charter agrees to upgrade  
Salinas Valley

Contingent on approval of Time  
Warner/Bright House deal





Sunesys project has high potential for development

6 projects already in pipeline, more planned

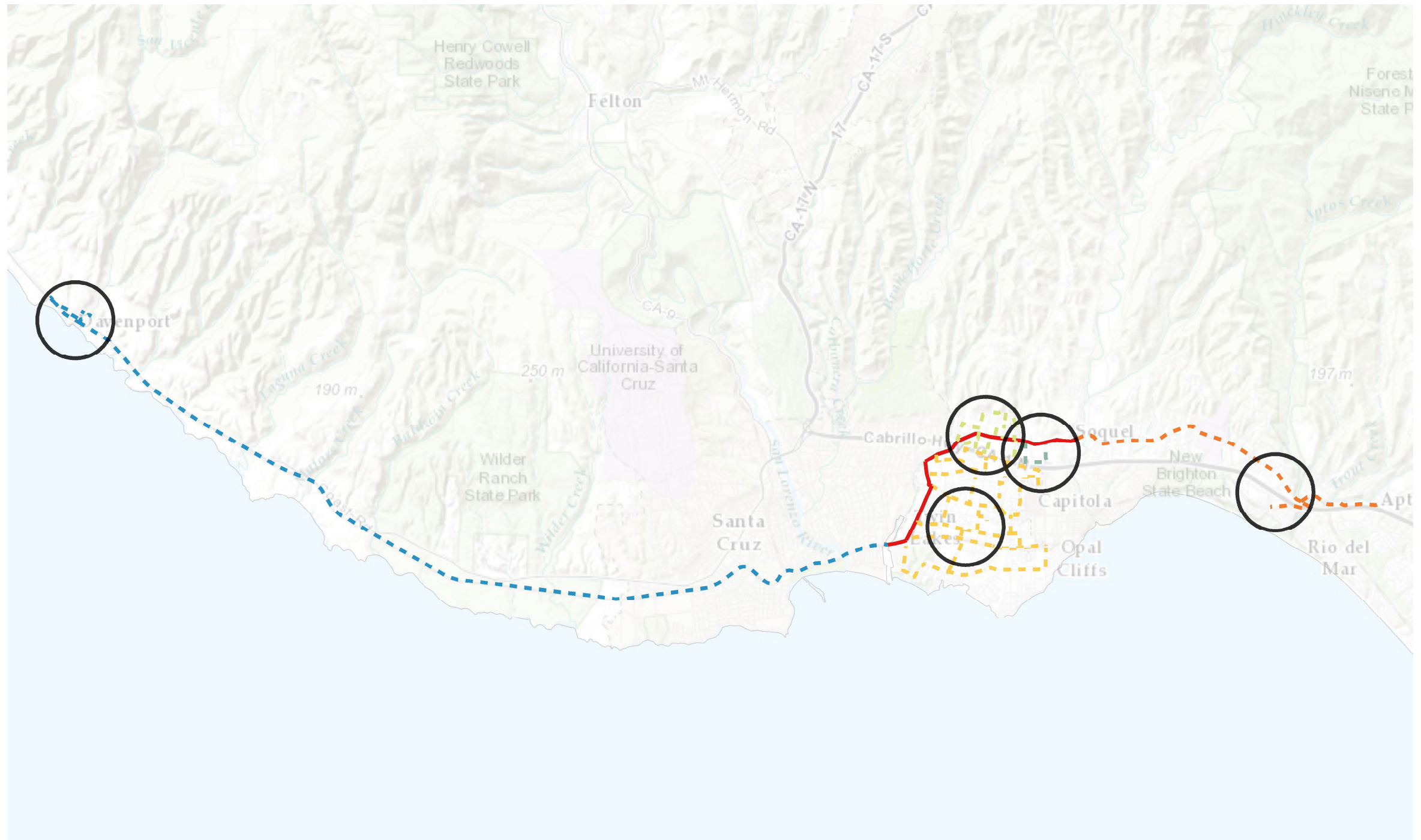


# **Santa Cruz** *fiber*

City of Santa Cruz approved  
FTTH with Cruzio

Cruzio responsible for operating  
system, paying bonds





Santa Cruz County fiber  
development plan

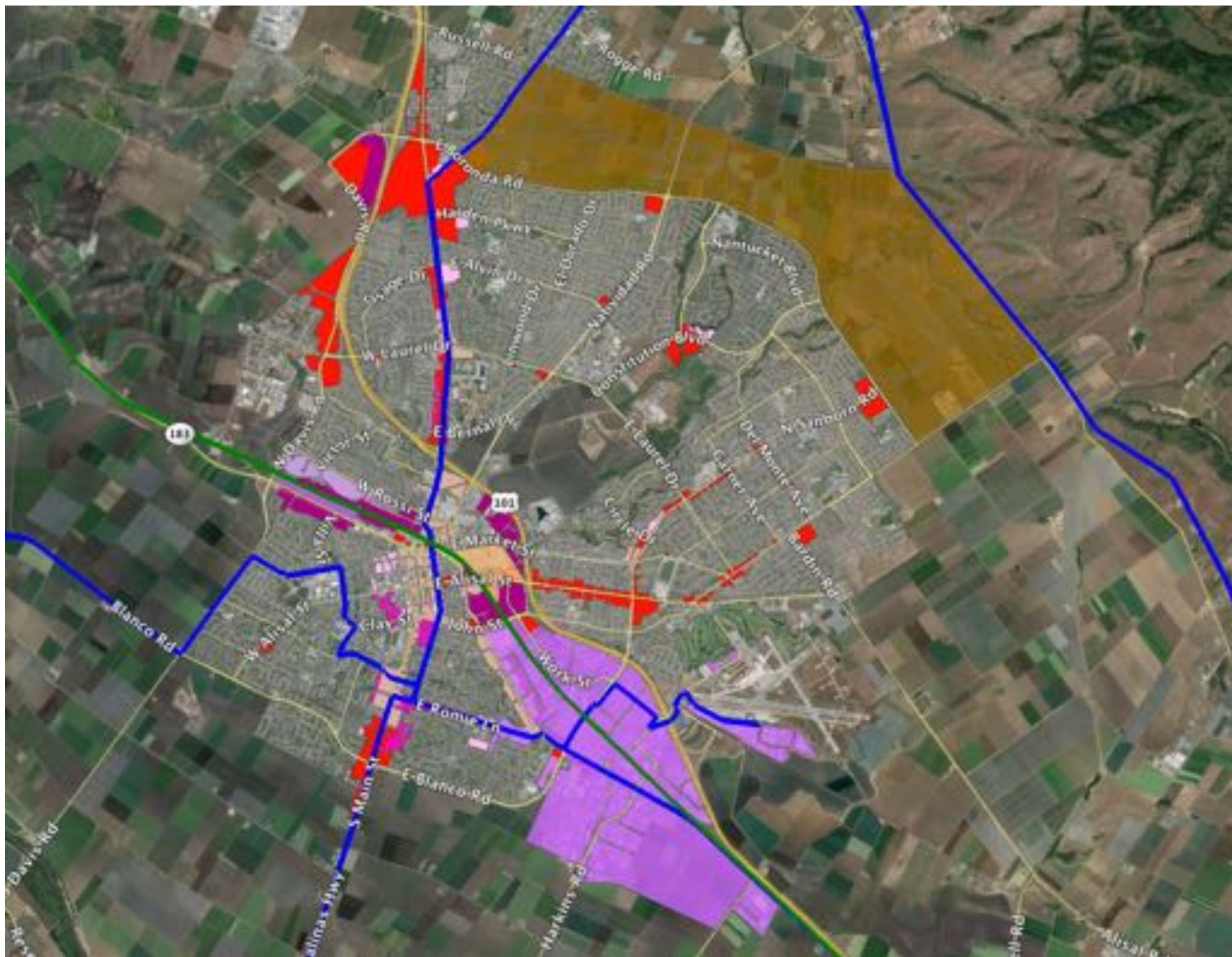
Targets key economic  
development areas



# Watsonville dark fiber network

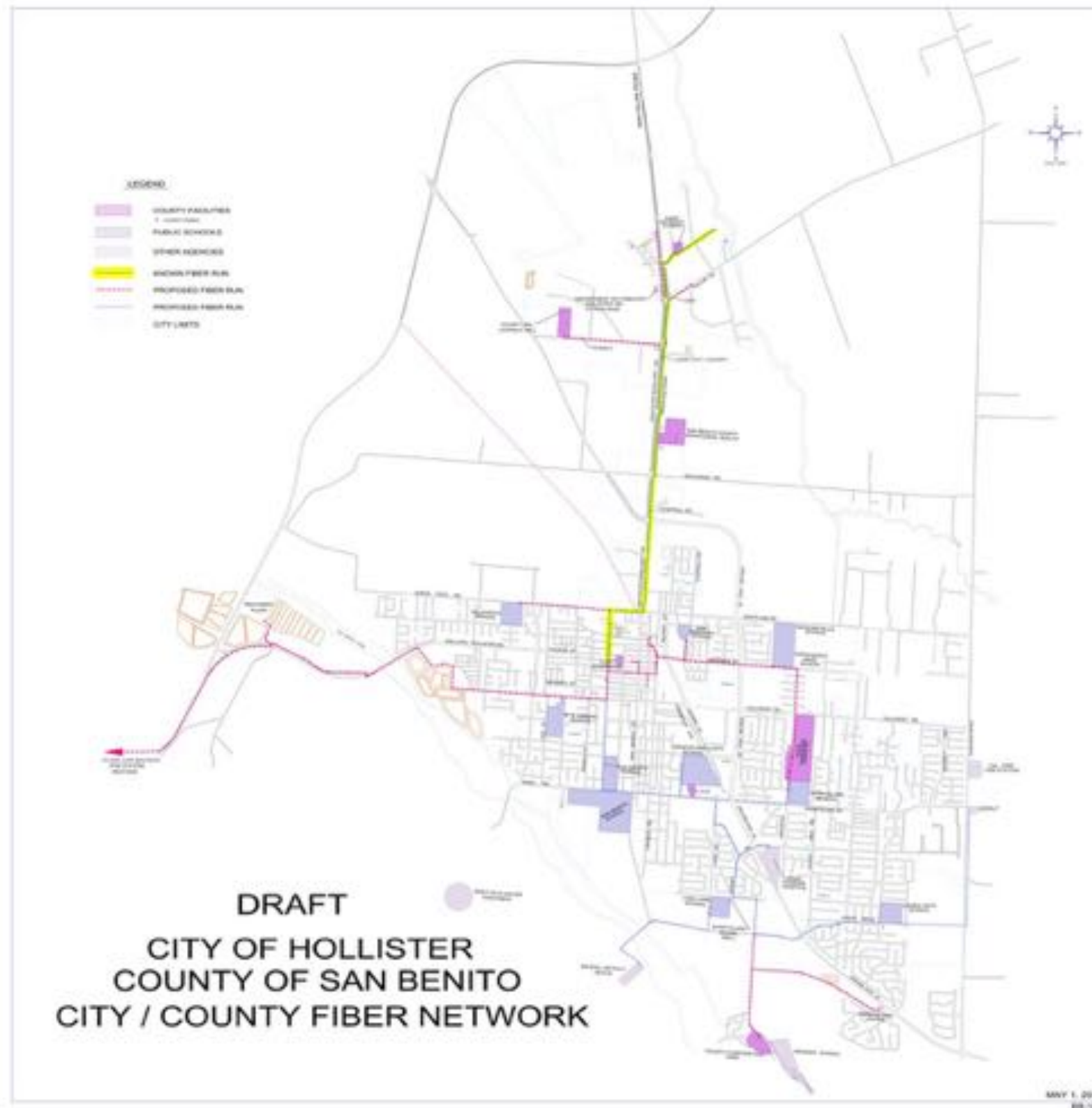
## Rolling out this year





Salinas developing  
downtown, Ag Tech Corridor

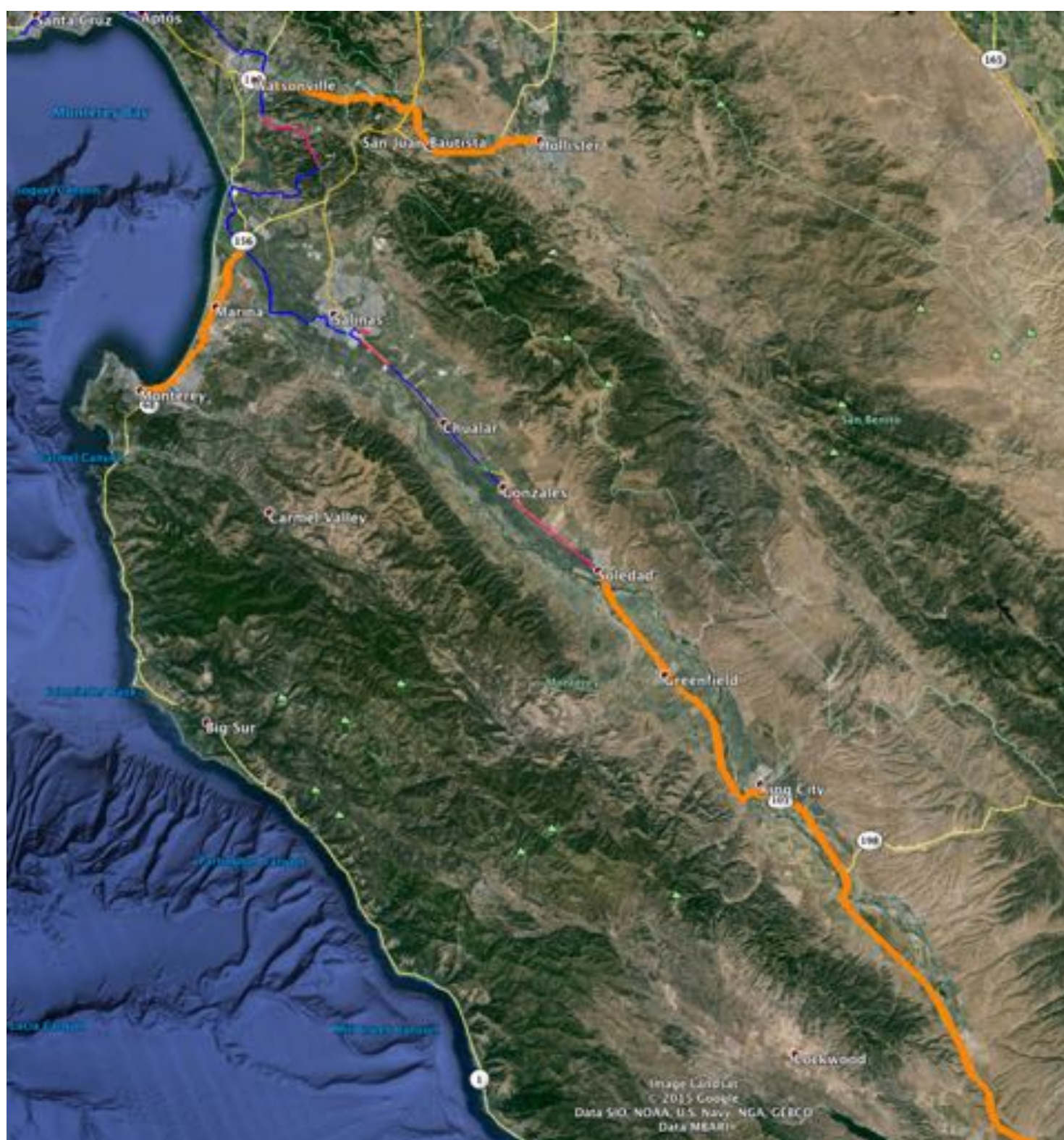
RFP issued, uses existing,  
planned fiber networks



Hollister dark fiber network

Needs more middle mile





Open access fiber to King  
City, SLO, Hollister & Monterey

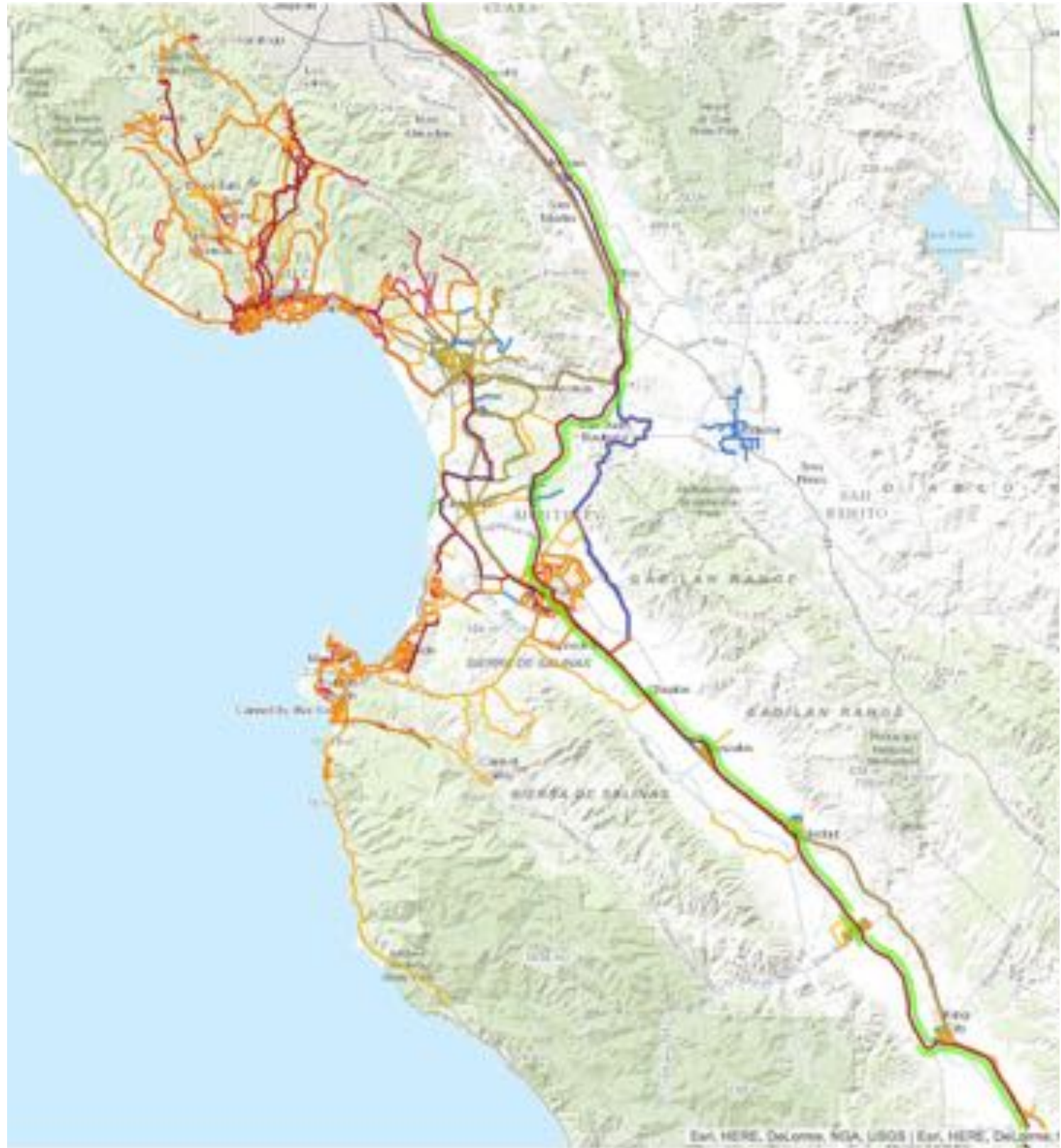
Current project shows  
feasibility



## Monterey Bay region historically isolated from major Internet centers

- CCBC's CASF-funded project plays key role in closing gap.
- Sunesys project will be regional backbone.
- Infrastructure builds by incumbents, independents.
- Policy & funding resources for region.

*Watsonville-led project is ready for another 5 year mission, to boldly go where no broadband has gone before.*





Back up slides

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Central Coast  
Broadband Consortium



## The Central Coast Broadband Consortium - Advanced

...dedicated to improving broadband availability, access and adoption in Monterey, Santa Cruz and San Benito Counties.

1050

Advanced



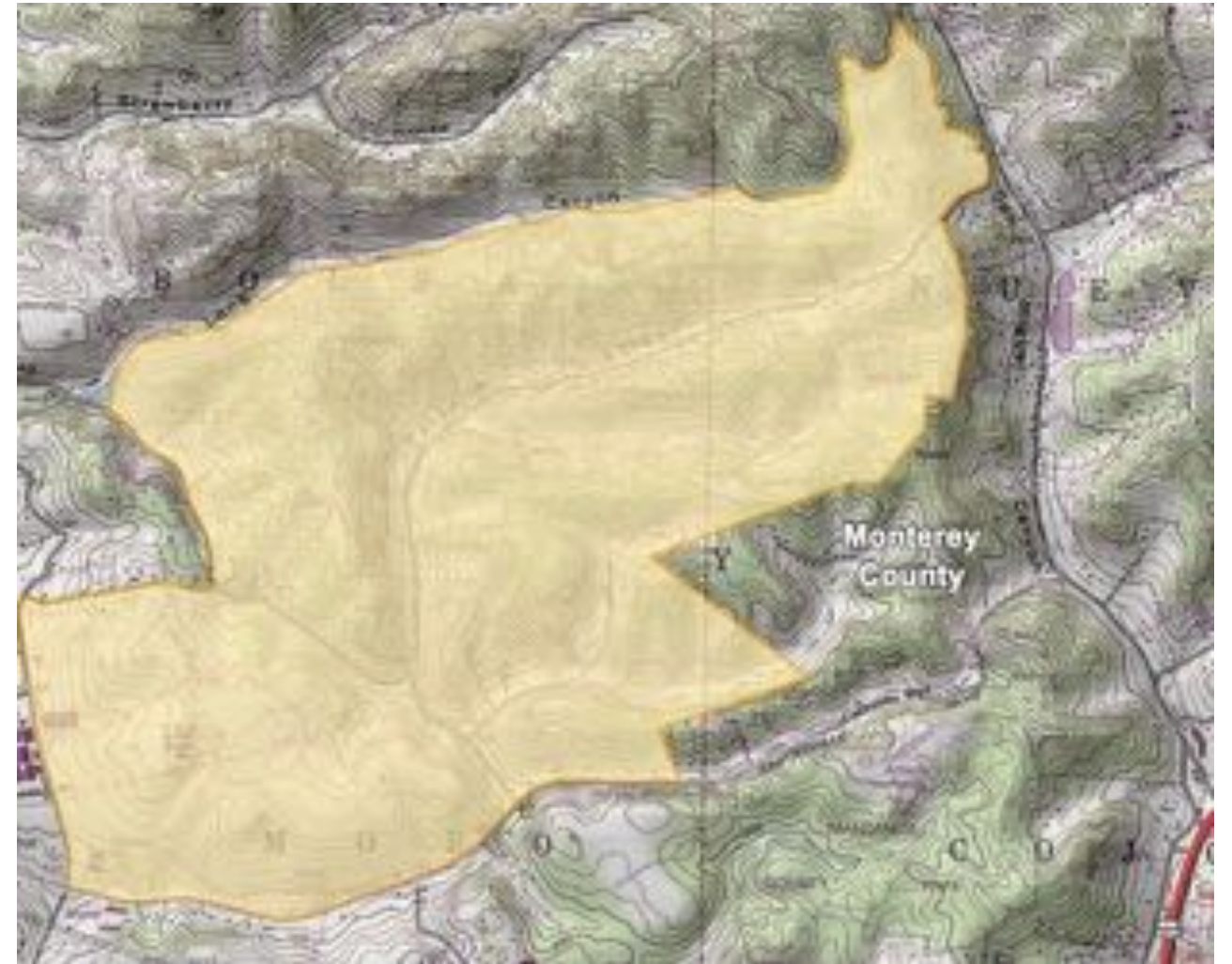
Left Click to Pan. Scroll to Zoom.

Find Identify Measurement Layers Zoom To Provider Legend Basemaps Print





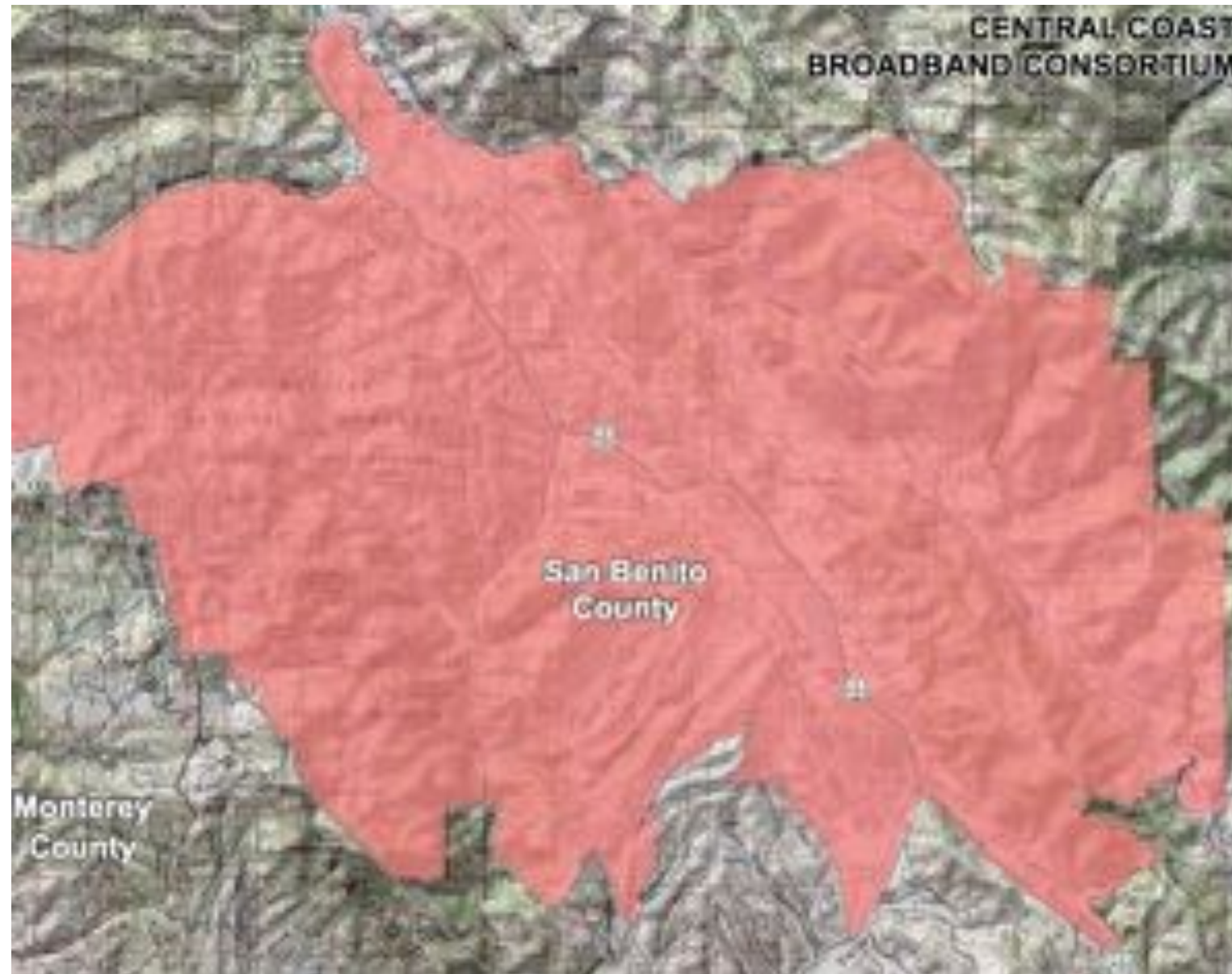
Monterey Dunes



Paradise Road

Two Surfnet projects  
awaiting construction

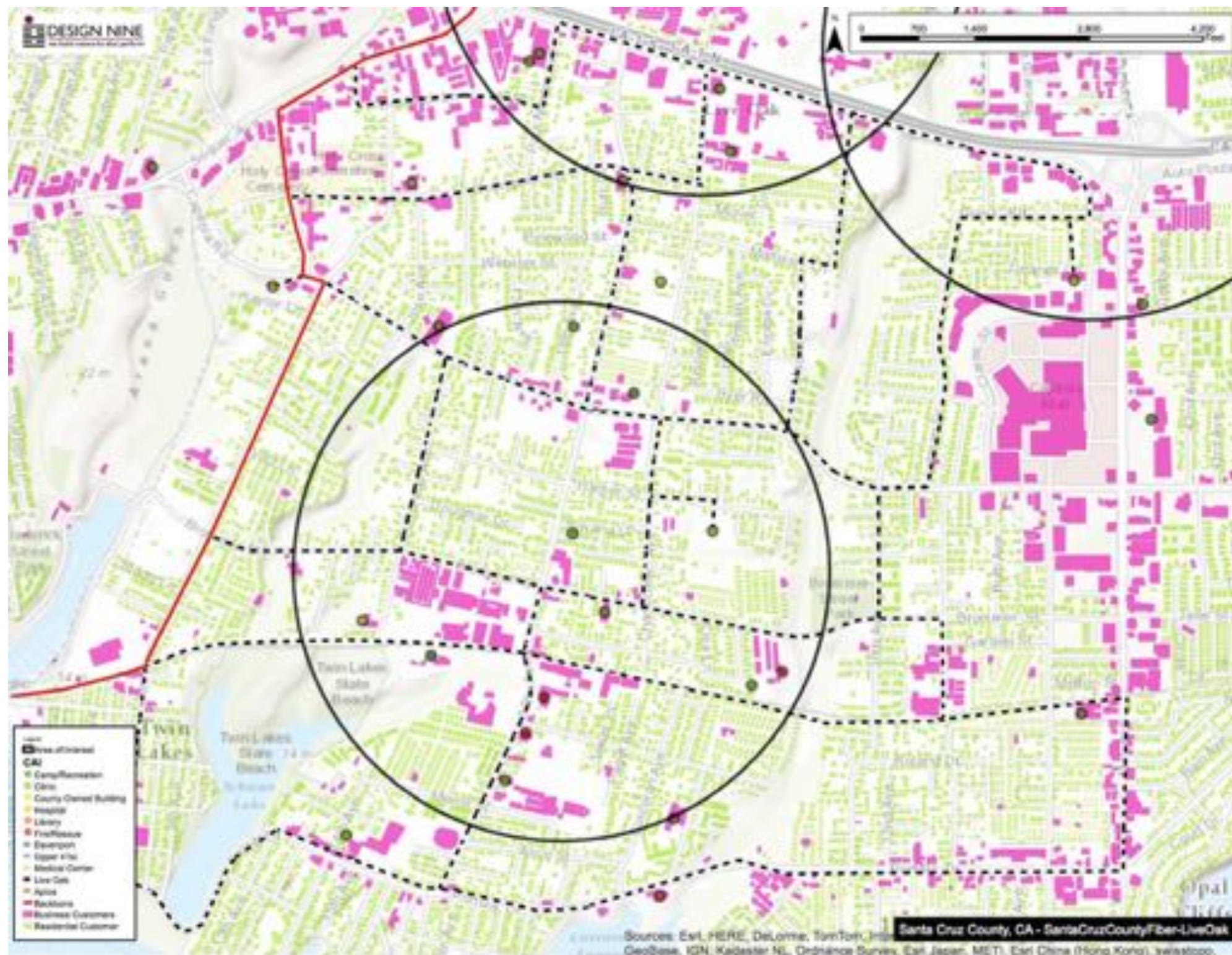
Timeline depends on  
Sunesys construction work



Pinnacles Telephone  
upgrade completed

Funded by CASF





Extend FTTH beyond Santa Cruz city limits

But first demonstrate success in city?





	PLANS		
	Residential	Business	
	ESSENTIAL	PERFORMANCE	ULTRA
Cost	\$75 / MONTH	\$100 / MONTH	\$150 / MONTH
Maximum Speed	4 Mbps	8 Mbps	12 Mbps
Typical Speed	2 Mbps	3 Mbps	5 Mbps
Data Limit	None	None	None
Lock-in Contract	None	None	None
30-Day Guarantee	Yes	Yes	Yes
	<a href="#">View Plan</a>	<a href="#">View Plan</a>	<a href="#">View Plan</a>

*See our [Frequently Asked Questions](#) for more information*

DeNovo Group

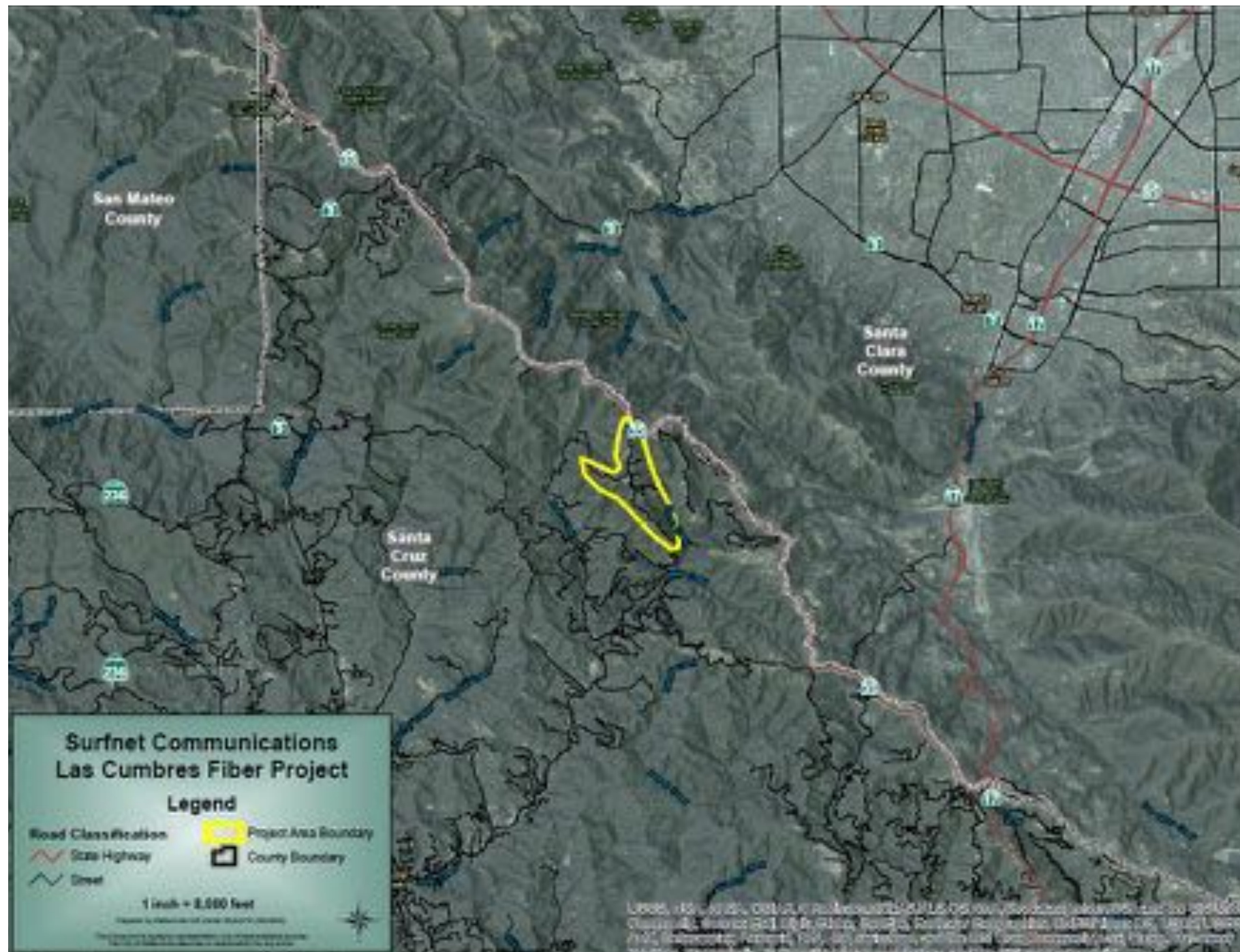


Redshift

Wireless projects in  
Salinas Valley

Initially approved,  
didn't move forward





Surfnet applied for CASF grant for FTTH in Santa Cruz mountains

\$730,000 grant, \$243,00 loan  
\$1.2 million total with match

Community	Population	Households	Housing units	Anchor institutions	Area (sq mi)	Household Income
Greenfield	16,330	3,460	3,752	14	2.1	\$55,591
King City	12,874	3,008	3,218	19	4.0	\$49,747
Gonzales	8,187	1,906	1,989	7	1.9	\$55,251
Soledad	25,738	3,664	3,876	21	4.6	\$43,796
Castroville CDP	6,481	1,470	1,539	7	1.1	\$53,154
Aromas CDP & area	3,596	1,242	1,312	3	18.6	\$62,446
Chualar CDP	1,190	245	251	1	0.6	\$65,771
Pleasure Point CDP	5,924	2,689	3,131	1	2.0	\$52,693
Twin Lakes CDP	4,917	2,223	2,741	7	1.2	\$51,028
Airport/Northeast	2,768	895	954	2	38.7	\$77,175
Soquel CDP	9,644	3,912	4,107	5	4.6	\$76,472
Cienega Road area	173	58	59	0	1.5	\$64,659
Brookdale CDP	1,991	806	912		3.9	\$84,965
	99,813	25,578	27,841	87	85.0	

Rankings done by county  
and regionally

Posted as a workshop on  
[Civonomics.com](https://civonomics.com)