

P25 Interoperability Infrastructure Project Update



Presented by: Jeff Blau, Interoperability Program Manager

030812 Agenda Item #6: P25 Interoperability Infrastructure Project Update

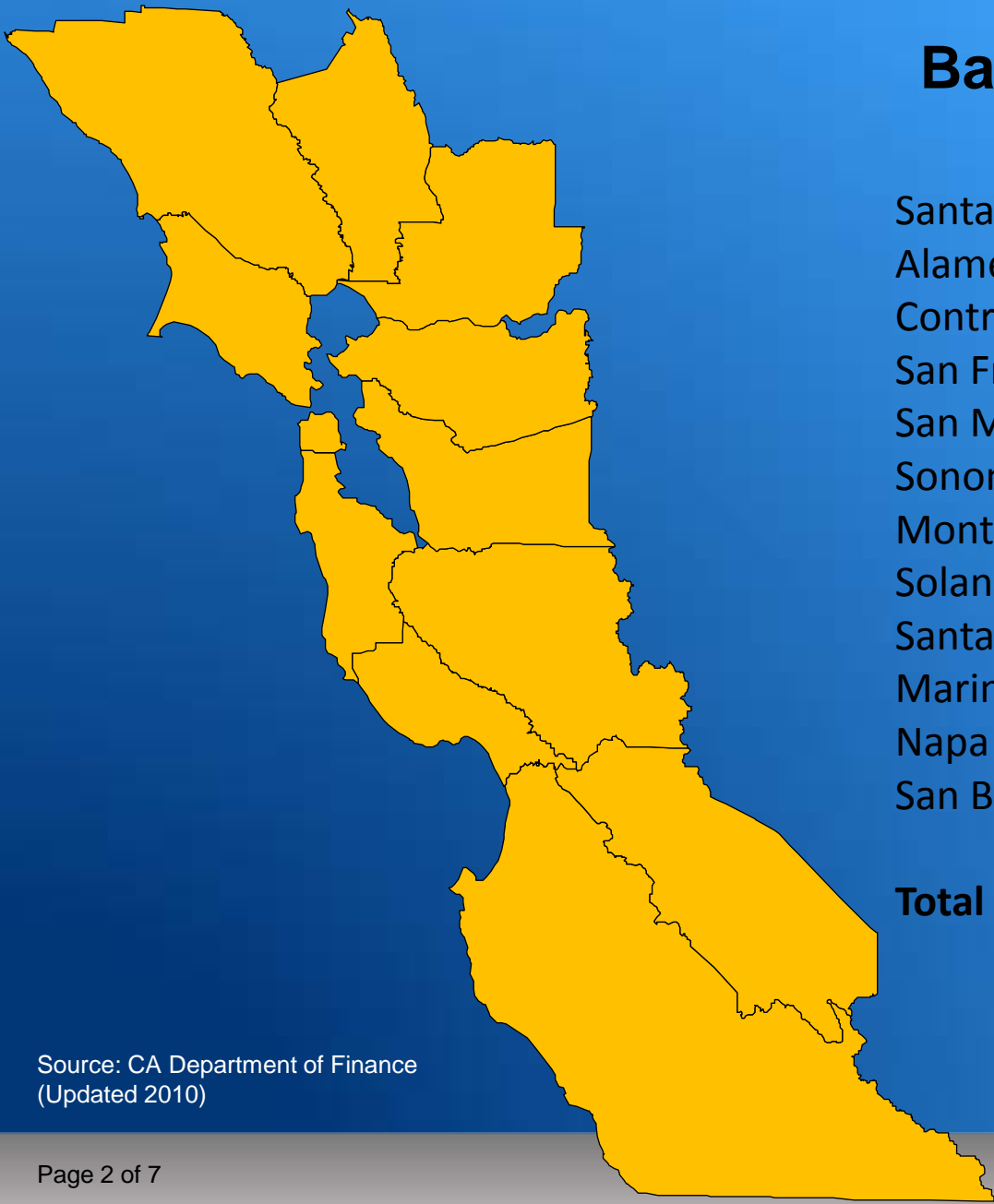
P25 Interoperability Infrastructure Project Update

- Progress Measured by Population
- Project Funding Allocated through 2011



Bay Area UASI Population

By County



Santa Clara	1,880,876
Alameda	1,574,857
Contra Costa	1,073,055
San Francisco	856,095
San Mateo	754,285
Sonoma	493,285
Monterey	435,878
Solano	427,837
Santa Cruz	272,201
Marin	260,652
Napa	138,917
San Benito	<u>58,388</u>
Total	8,226,326

Source: CA Department of Finance
(Updated 2010)

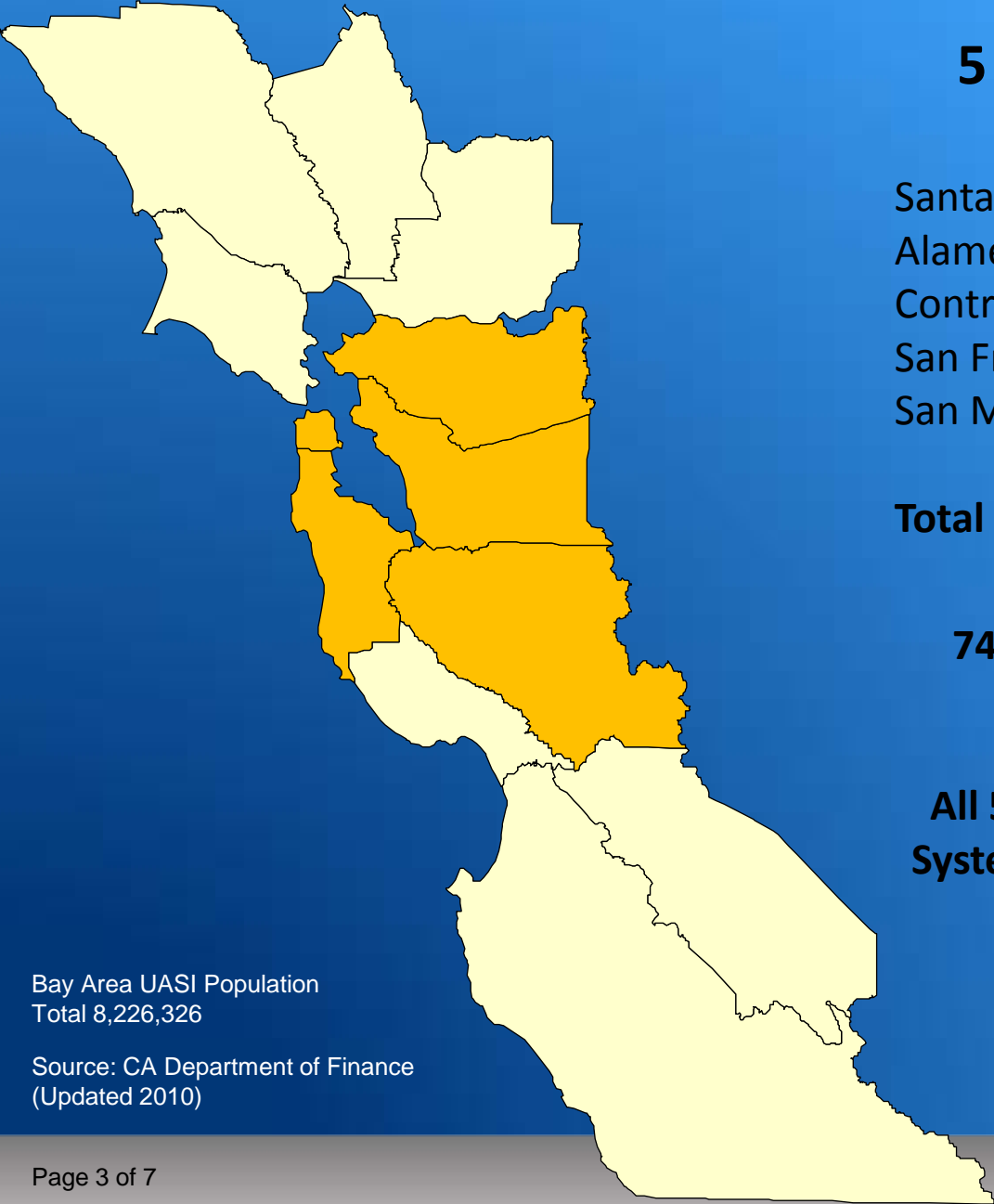


5 Most Populous Counties

Santa Clara	1,880,876
Alameda	1,574,857
Contra Costa	1,073,055
San Francisco	856,095
San Mateo	<u>754,285</u>
Total	6,139,168

74.6% of the total population of the Bay Area UASI Footprint

All 5 Counties have P25 Trunked Radio Systems in the 700/800 MHz frequency band under construction



Bay Area UASI Population
Total 8,226,326

Source: CA Department of Finance
(Updated 2010)

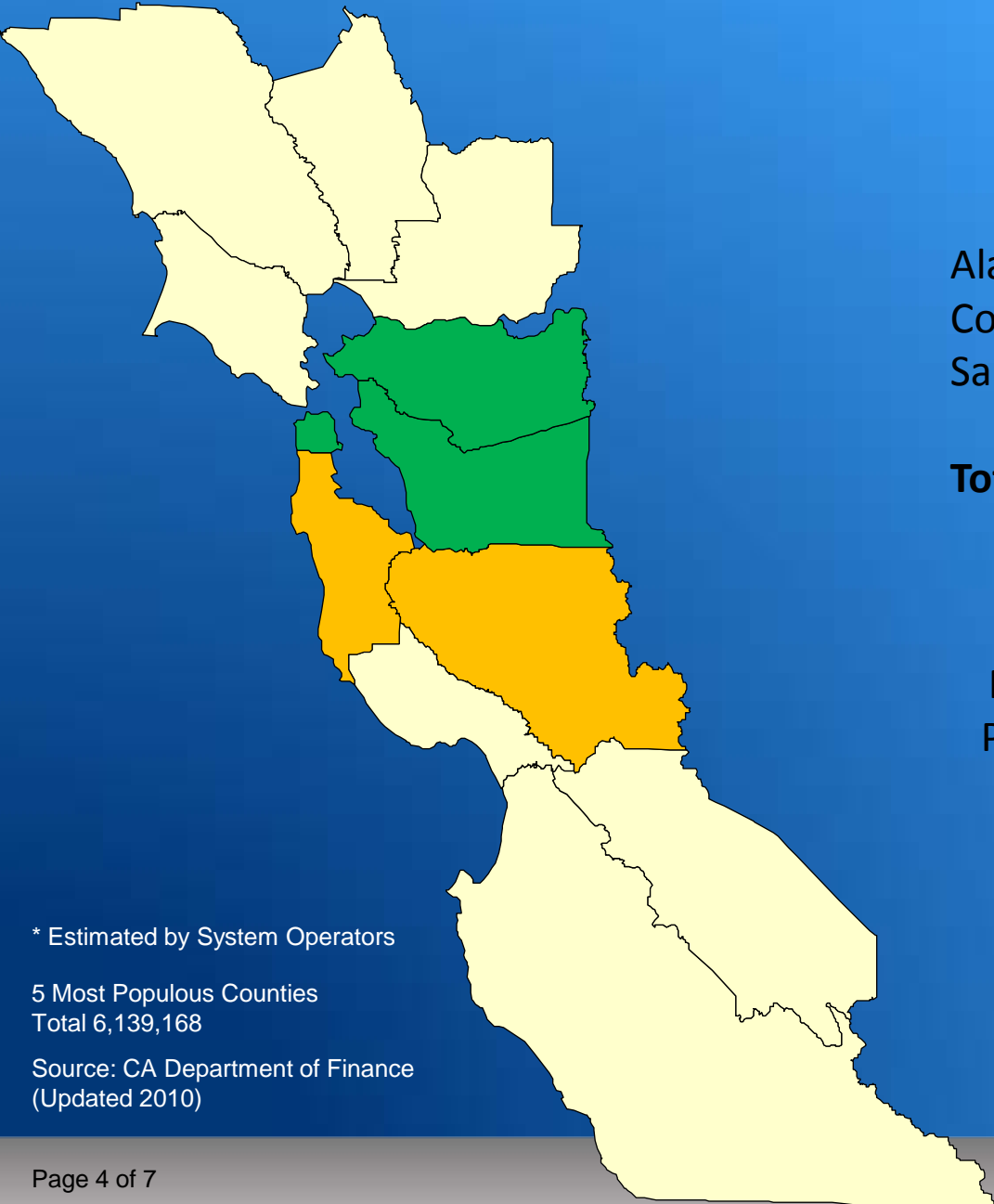


P25 700/800 MHz Trunked Interoperability

Alameda	1,574,857
Contra Costa	1,073,055
San Francisco	<u>856,095</u>
Total	3,504,007

57% of the population of the
5 Most Populous Counties

P25 Interoperability Infrastructure
Projects will be completed in these
3 Counties by the end of 2012*



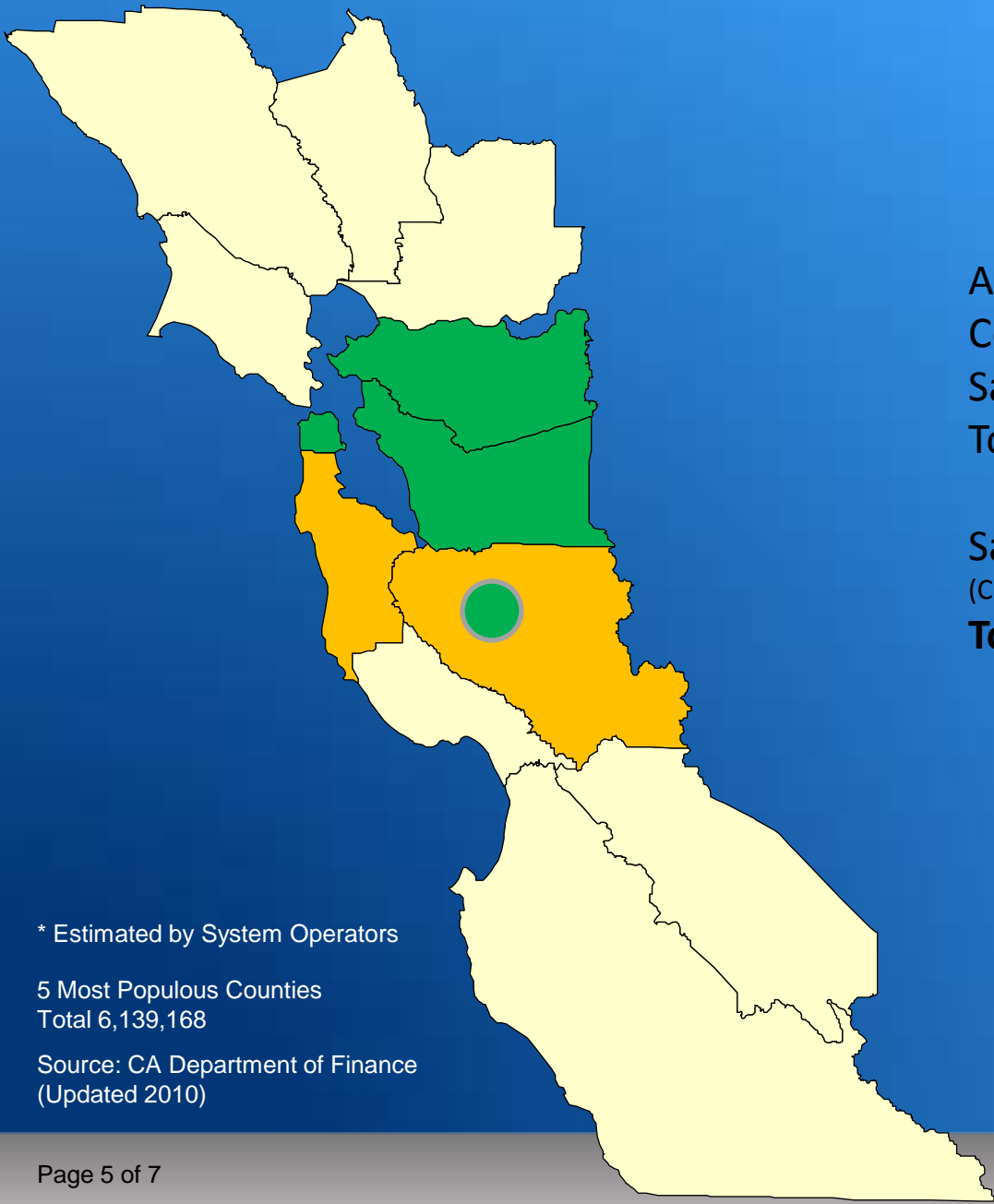
* Estimated by System Operators

5 Most Populous Counties
Total 6,139,168

Source: CA Department of Finance
(Updated 2010)



P25 700/800 MHz Trunked Interoperability



Alameda	1,574,857
Contra Costa	1,073,055
San Francisco	<u>856,095</u>
Total	3,504,007

Santa Clara Phase One (Cities of Santa Clara & Sunnyvale)	<u>256,549</u>
Total	3,760,556

61% of the population of the
5 Most Populous Counties

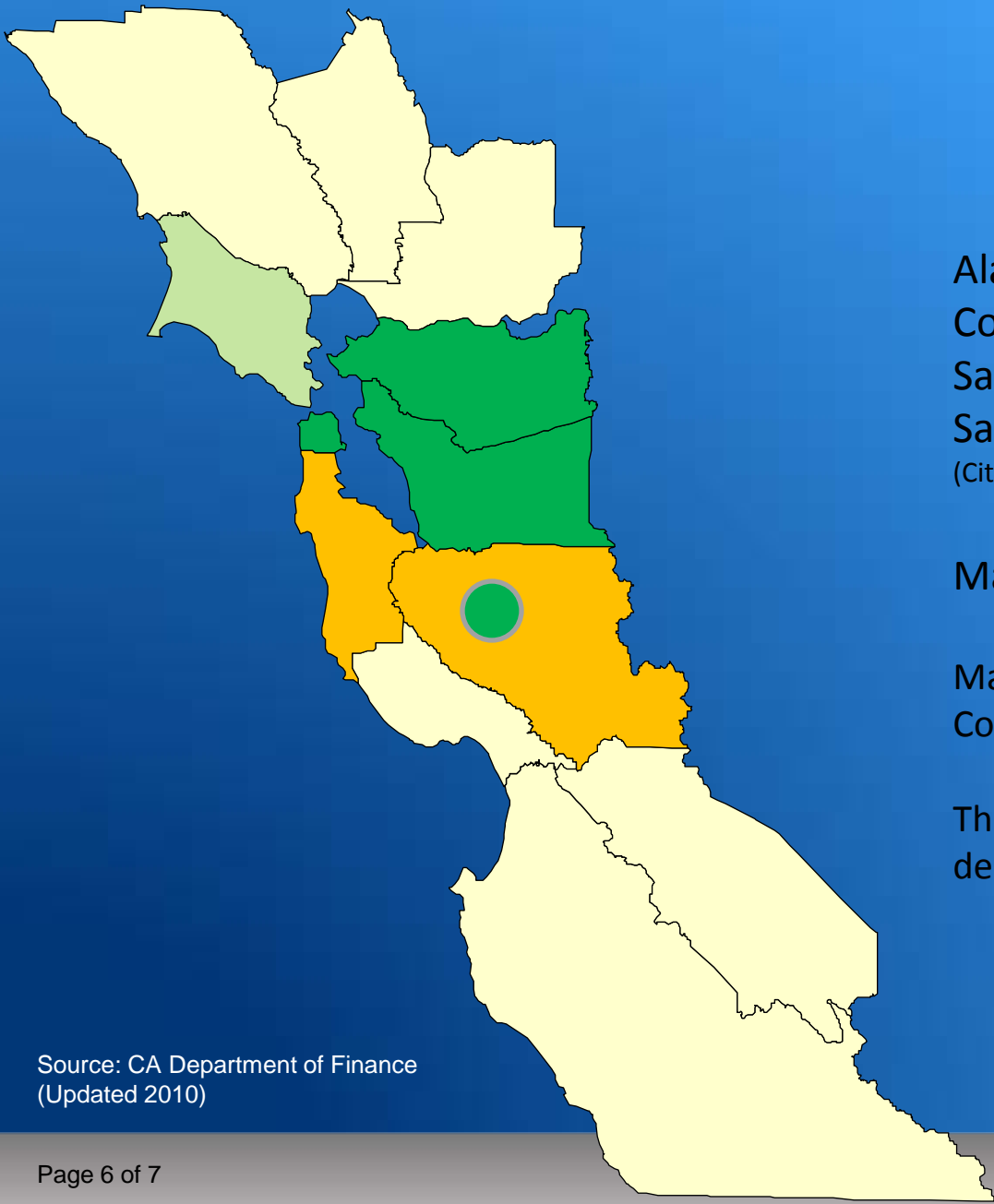
* Estimated by System Operators

5 Most Populous Counties
Total 6,139,168

Source: CA Department of Finance
(Updated 2010)



P25 700/800 MHz Interoperability



Alameda	1,574,857
Contra Costa	1,073,055
San Francisco	856,095
Santa Clara Phase One (Cities of Santa Clara & Sunnyvale)	<u>256,549</u> 3,760,556

Marin County 260,652

Marin County has completed a 700 MHz Conventional Interoperable System.

The 9 Site County Wide System was designed for on street coverage.

Source: CA Department of Finance (Updated 2010)



P25 700/800 MHz Interoperability Infrastructure Funding through 2011 (millions)

System	Total Cost	BAUASI*	Other Funding	Funded To Date	% Funded	Funding Needed
BayLoop	\$5.70	\$4.24	\$1.46	\$5.70	100	\$0.00
BART Under	\$1.80	\$1.50	\$0.30	\$1.80	100	\$0.00
Oakland P25	\$7	\$7	\$0	\$7.00	100	\$0.00
EBRCS	\$70	\$17.76	\$50.24	\$68.00	97	\$2.00
SMRIC	19.4	\$11.20	\$6.70	\$17.90	92.2	\$1.50
SVRCS*	\$62	\$13.27	\$8.10	\$21.37	35.62	\$40.63
Marin County*	\$50	\$2.42	\$5	\$7.42	15.9	\$42.58
San Francisco*	\$40	\$5.46	\$0	\$5.46	13.65	\$34.54
Totals	\$255.90	\$62.85	\$71.80	\$134.65	52.6	\$121.25

*Total Cost Estimated by Sub Recipient

