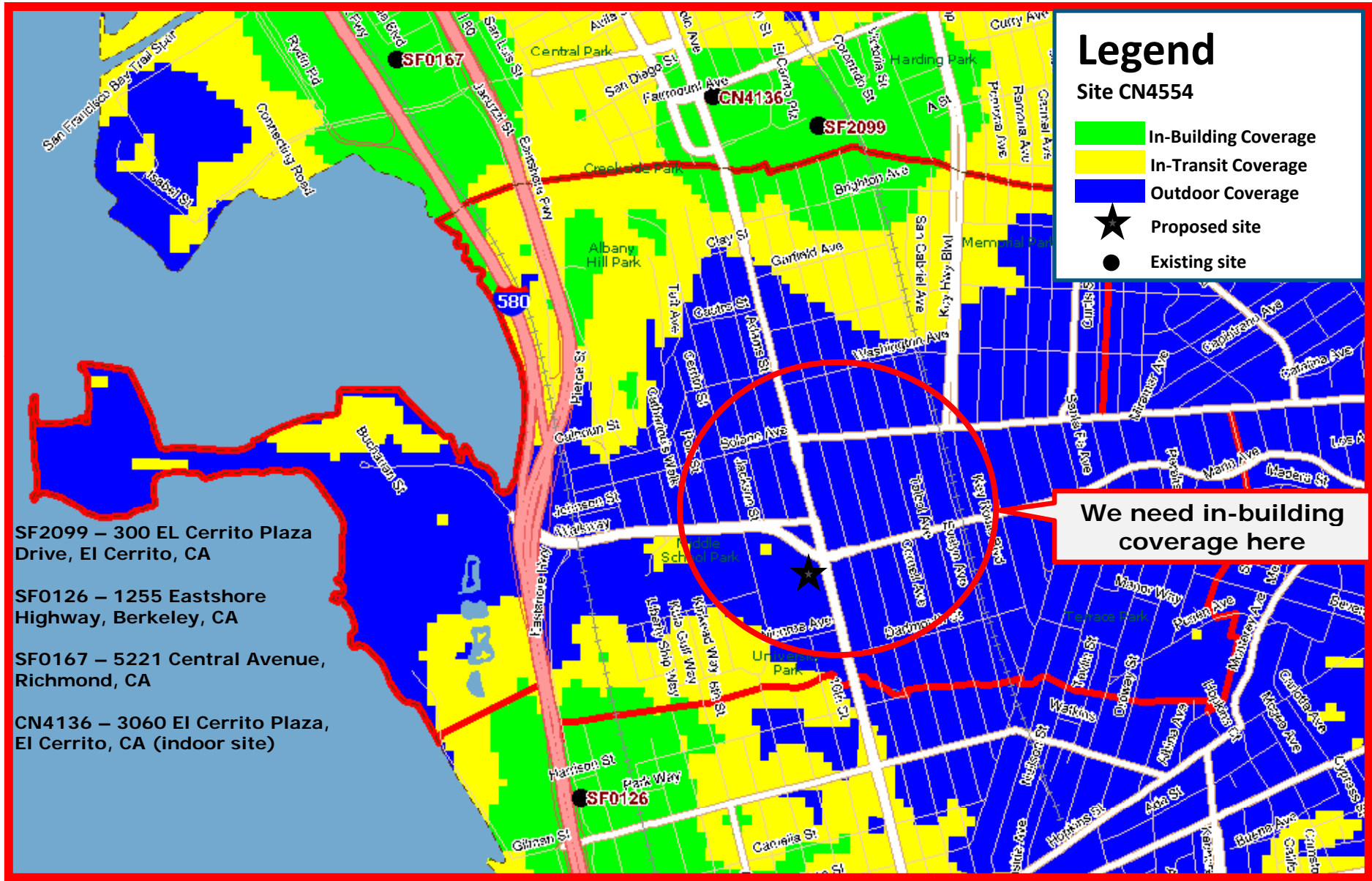


CN4554 Permanent Site Propagation Map

November 21th 2011

Existing 850 Coverage

November 21, 2011



Legend

Site CN4554

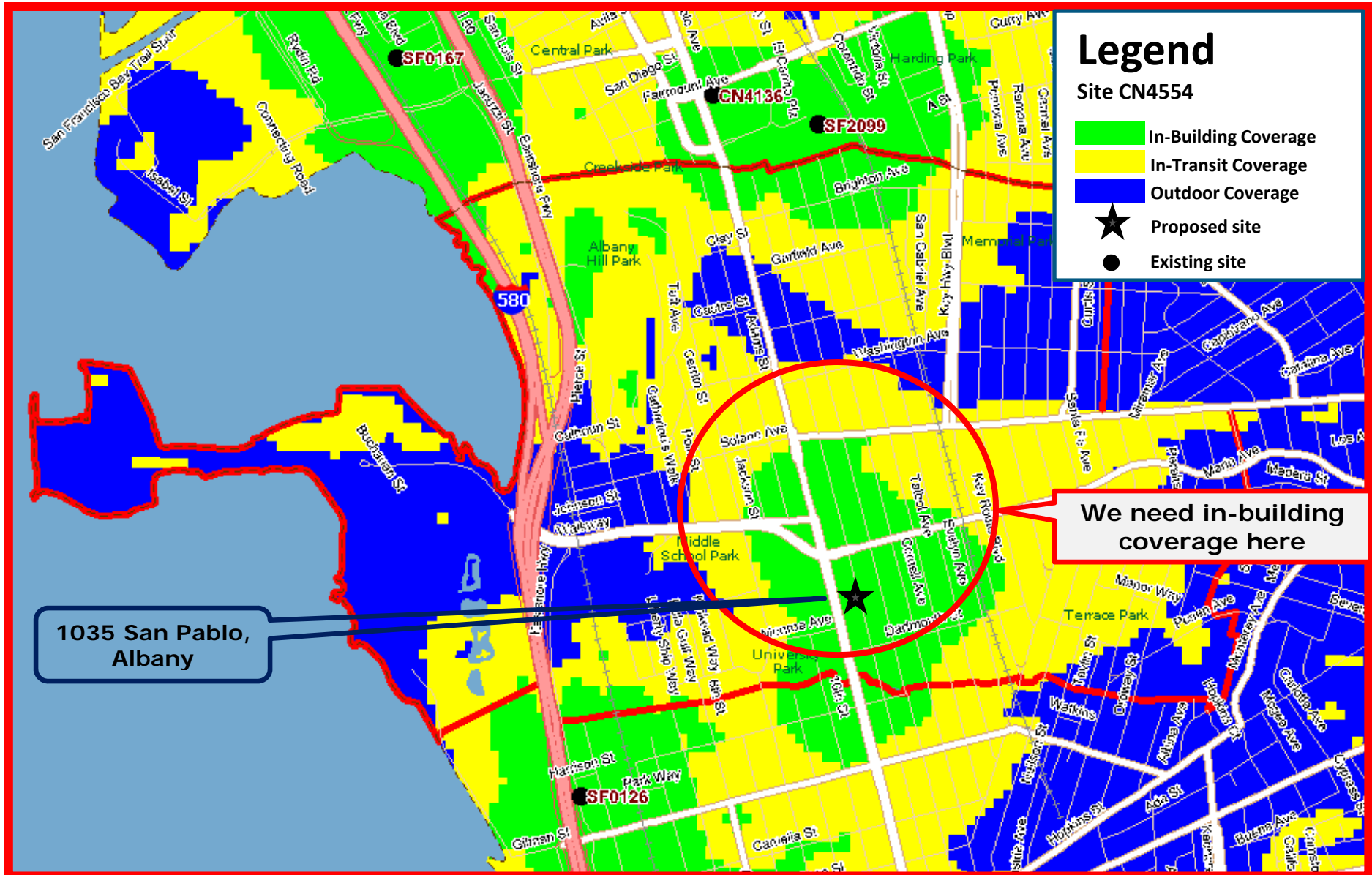
- In-Building Coverage
- In-Transit Coverage
- Outdoor Coverage
- Proposed site
- Existing site

We need in-building coverage here

- SF2099 – 300 EL Cerrito Plaza Drive, El Cerrito, CA
- SF0126 – 1255 Eastshore Highway, Berkeley, CA
- SF0167 – 5221 Central Avenue, Richmond, CA
- CN4136 – 3060 El Cerrito Plaza, El Cerrito, CA (indoor site)

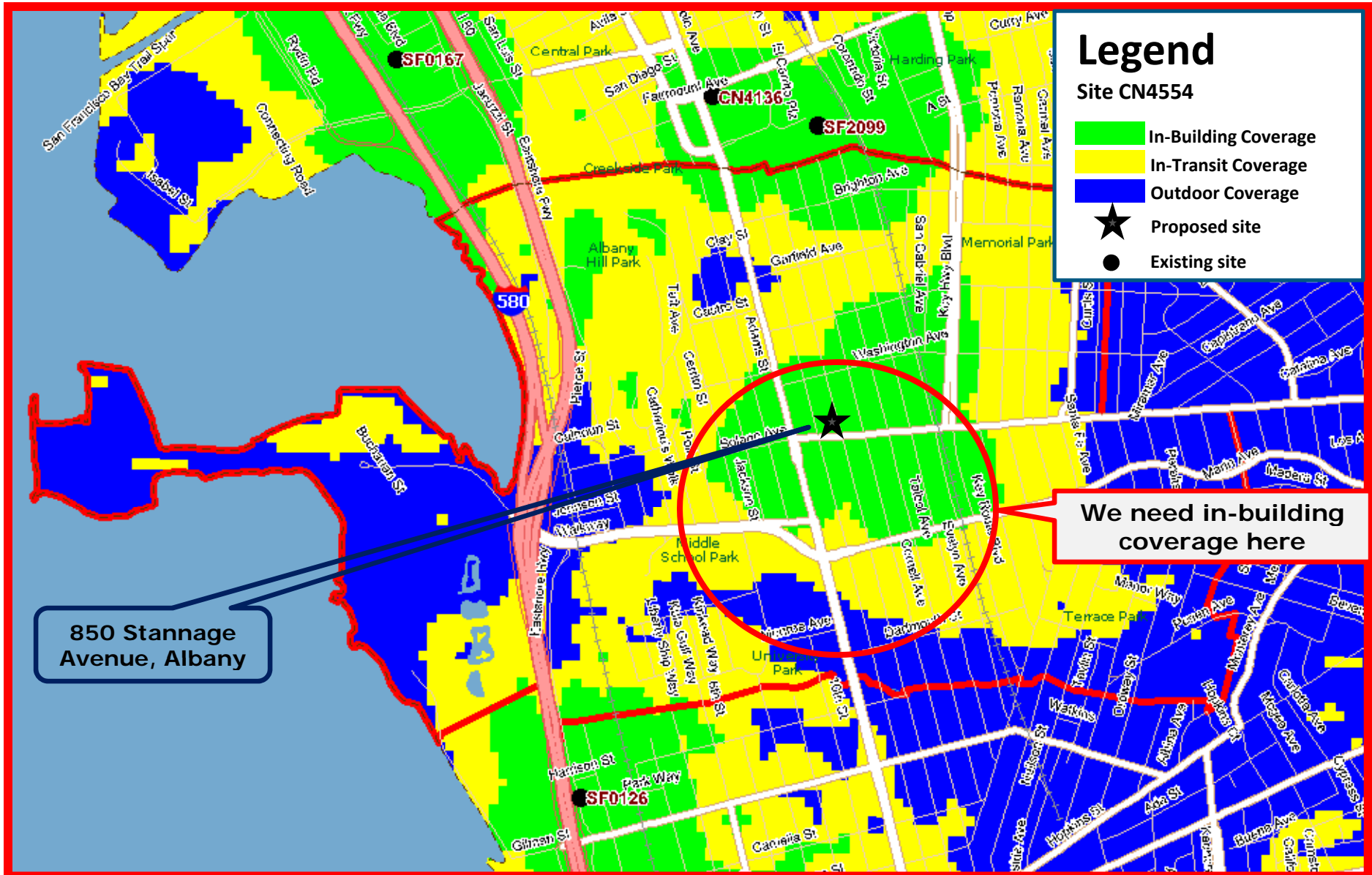
Proposed 850 Coverage – 1035 San Pablo (43ft)

November 21, 2011



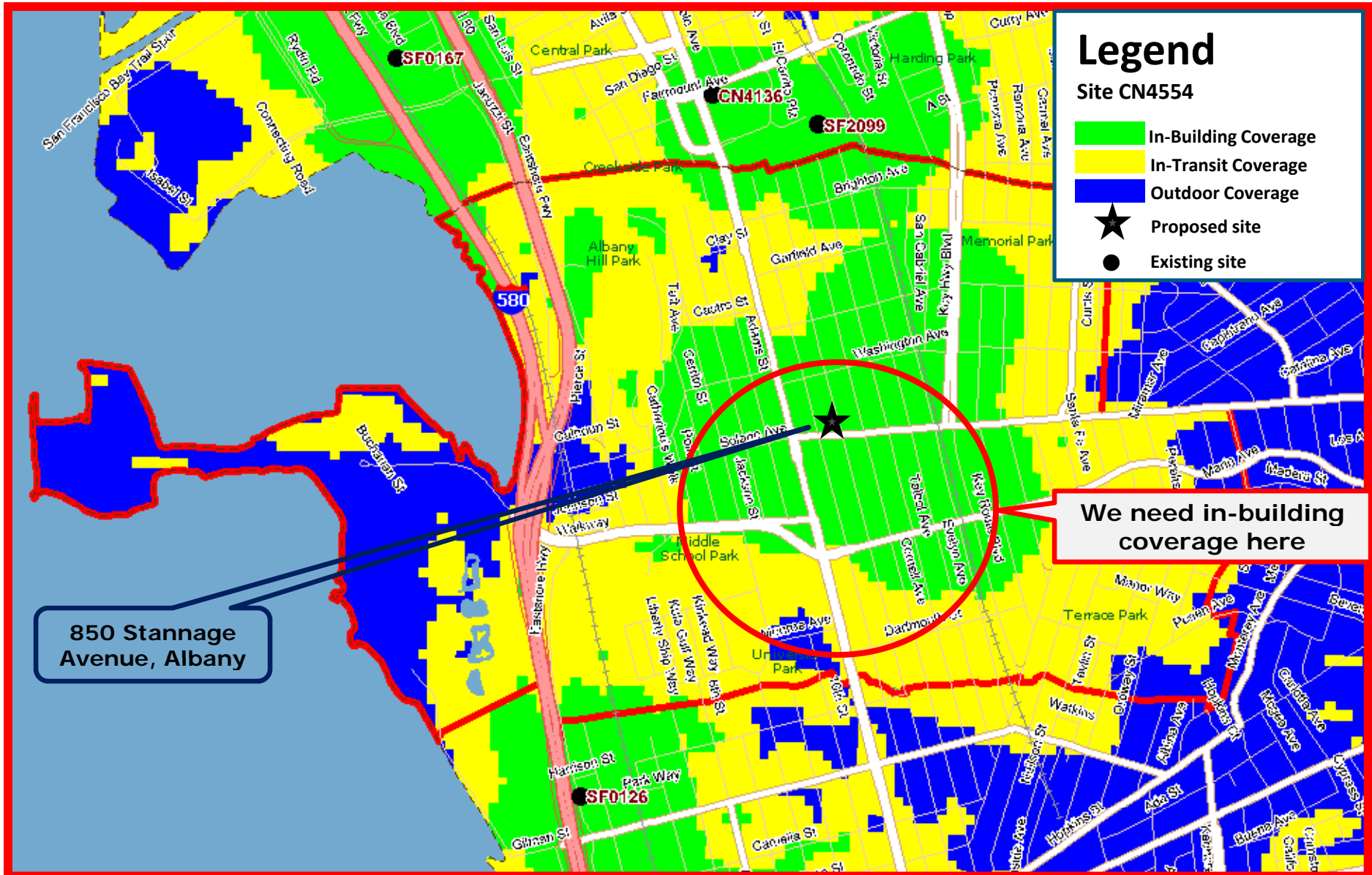
Alternate 3 @ 850 Stannage Avenue (35ft)

November 21, 2011



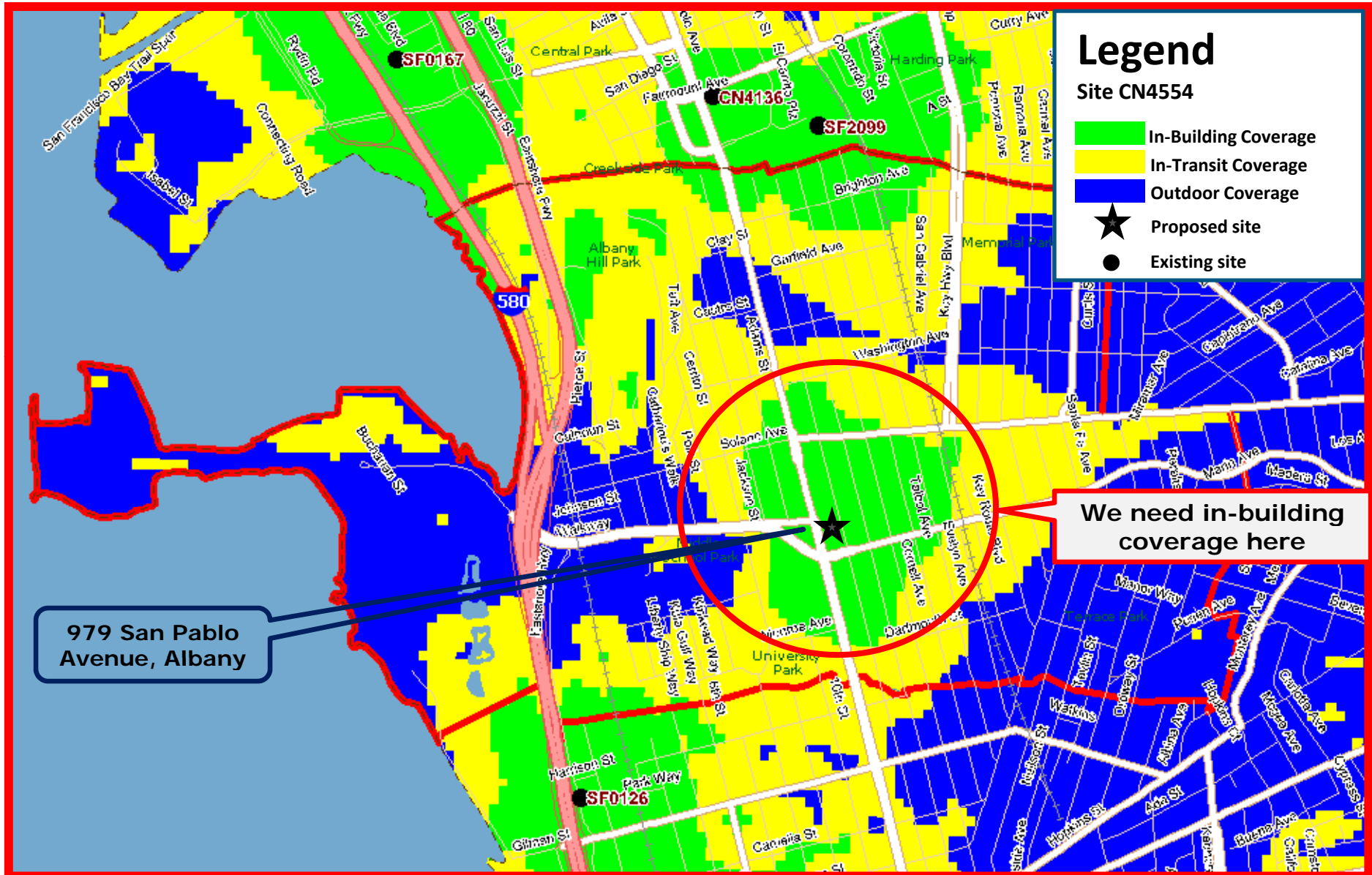
Alternate 3 @ 850 Stannage Avenue (90ft)

November 21, 2011



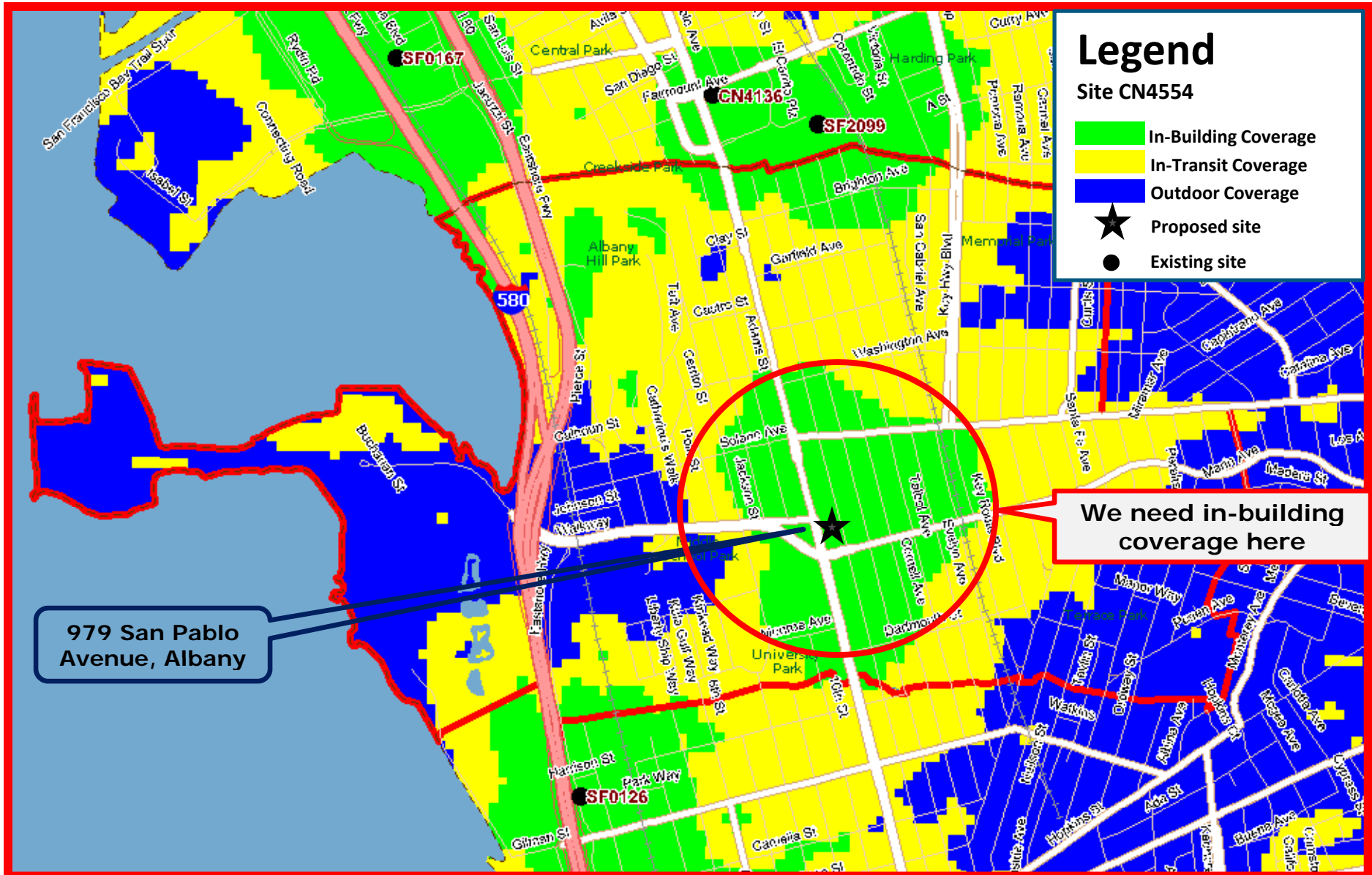
Alternate 4 @ 979 San Pablo Avenue (25ft)

November 21, 2011



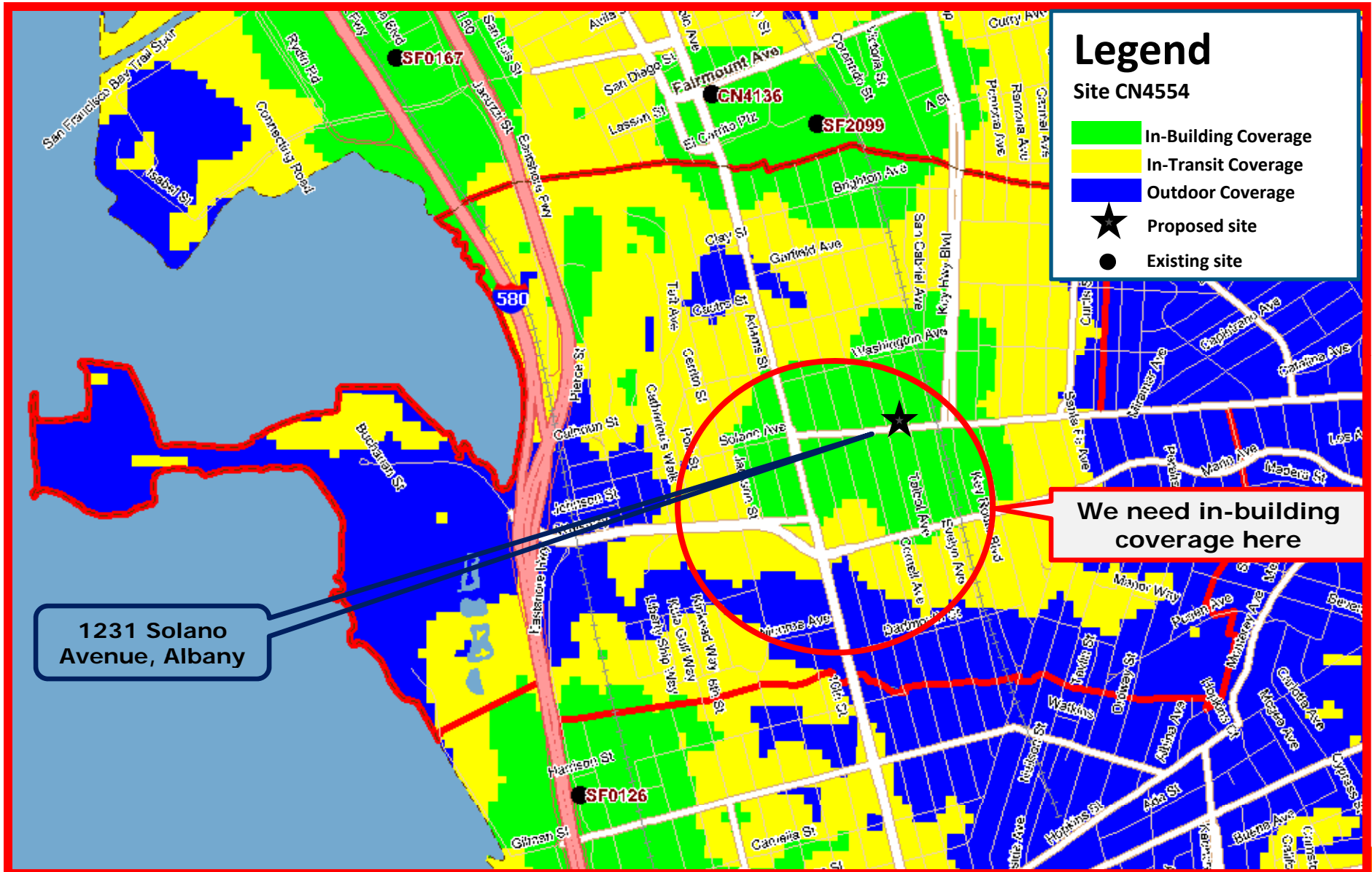
Alternate 4 @ 979 San Pablo Avenue (50ft)

November 21, 2011



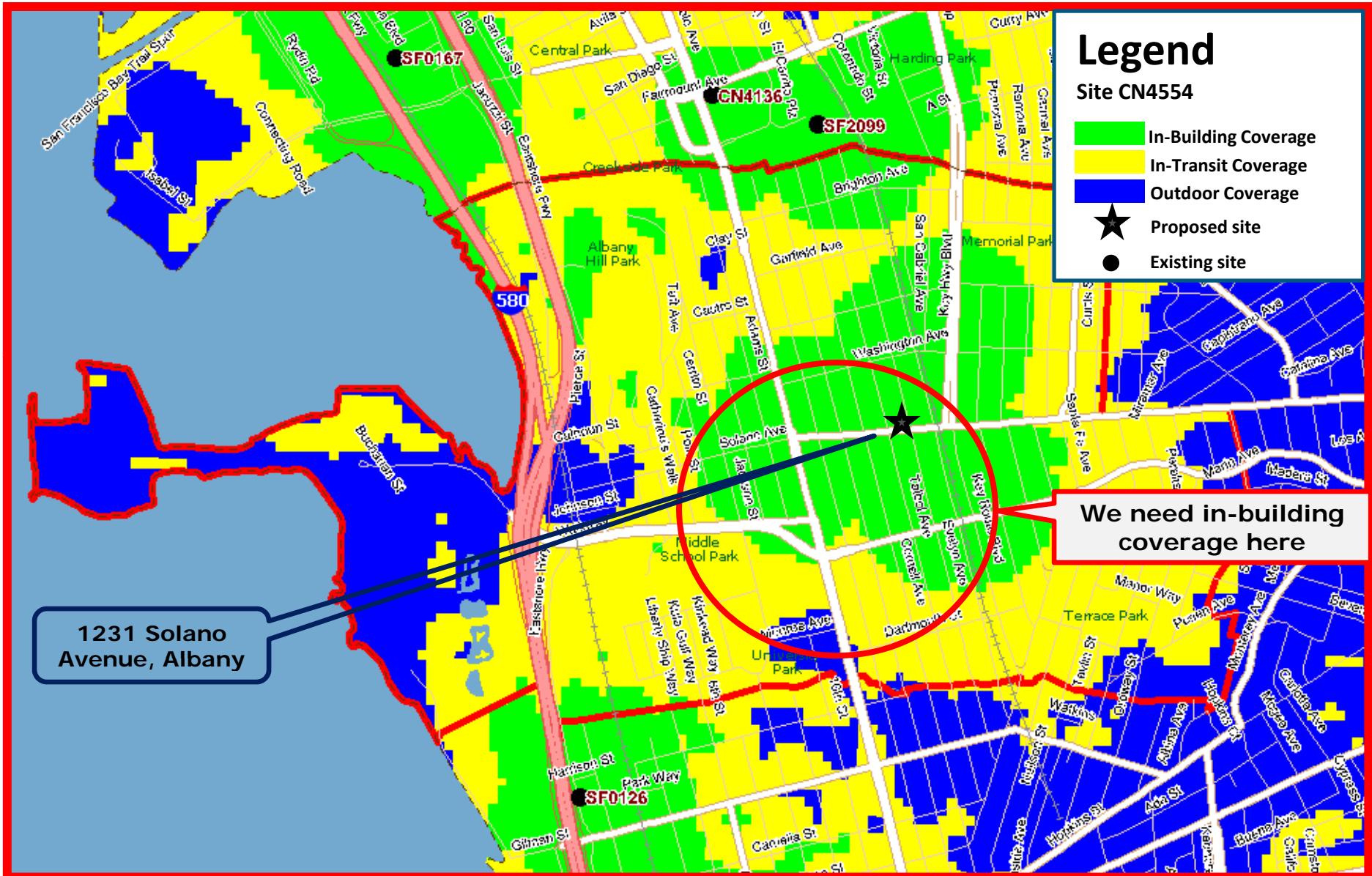
Alternate 5 @ 1231 Solano Avenue (25ft)

November 21, 2011



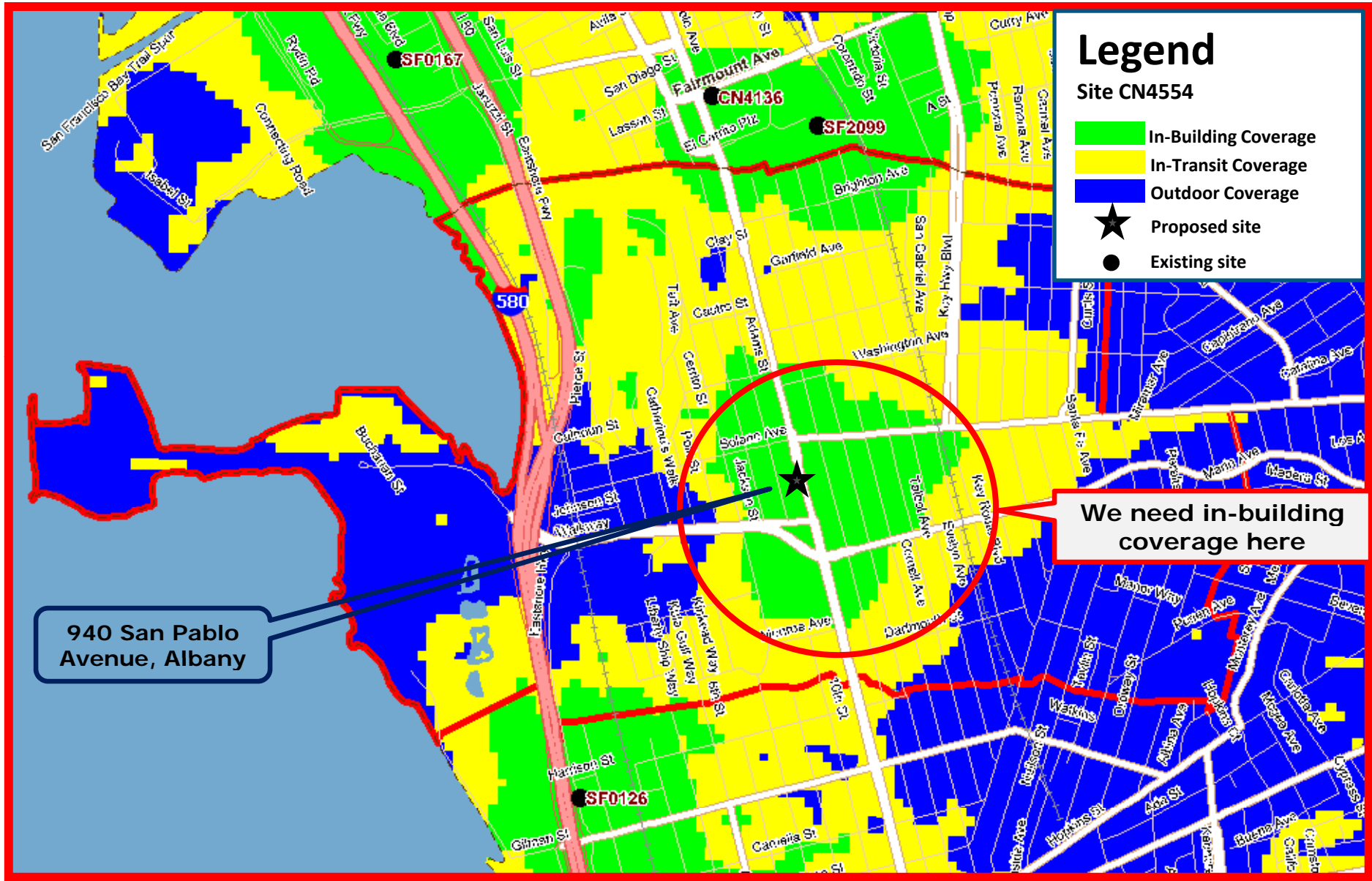
Alternate 5 @ 1231 Solano Avenue (70ft)

November 21, 2011



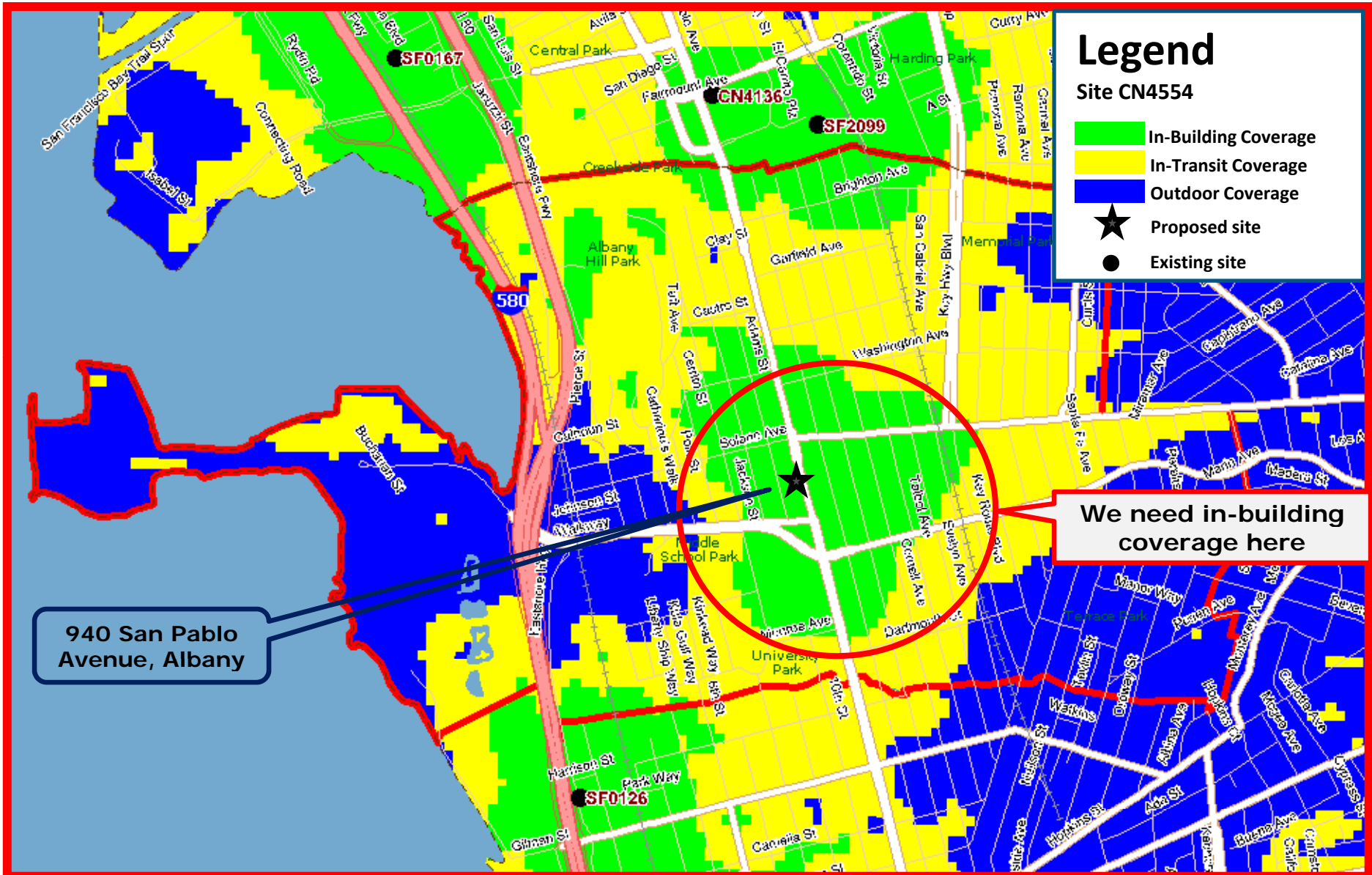
Alternate 8 @ 940 San Pablo Avenue (35ft)

November 21, 2011



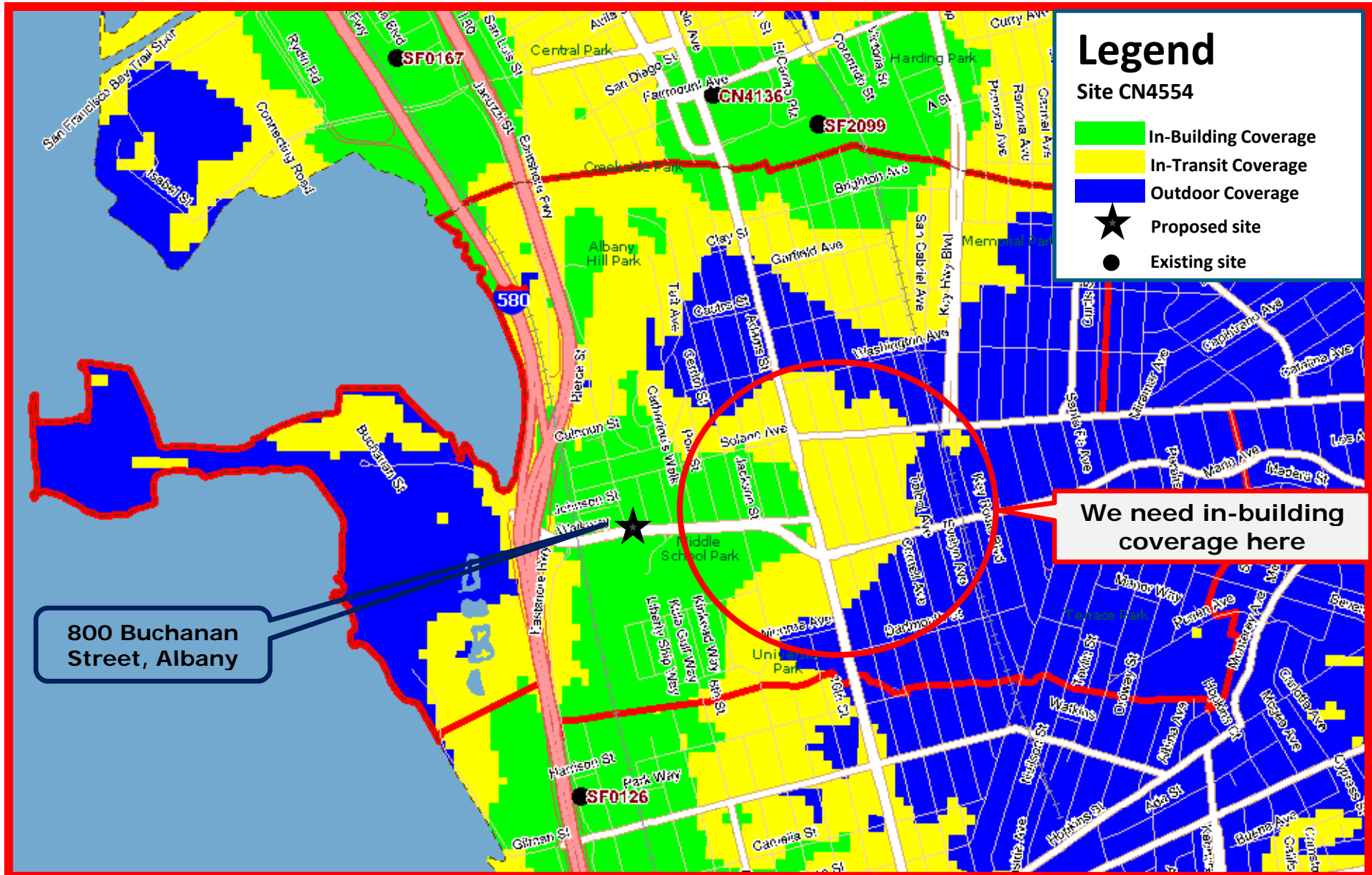
Alternate 8 @ 940 San Pablo Avenue (50ft)

November 21, 2011



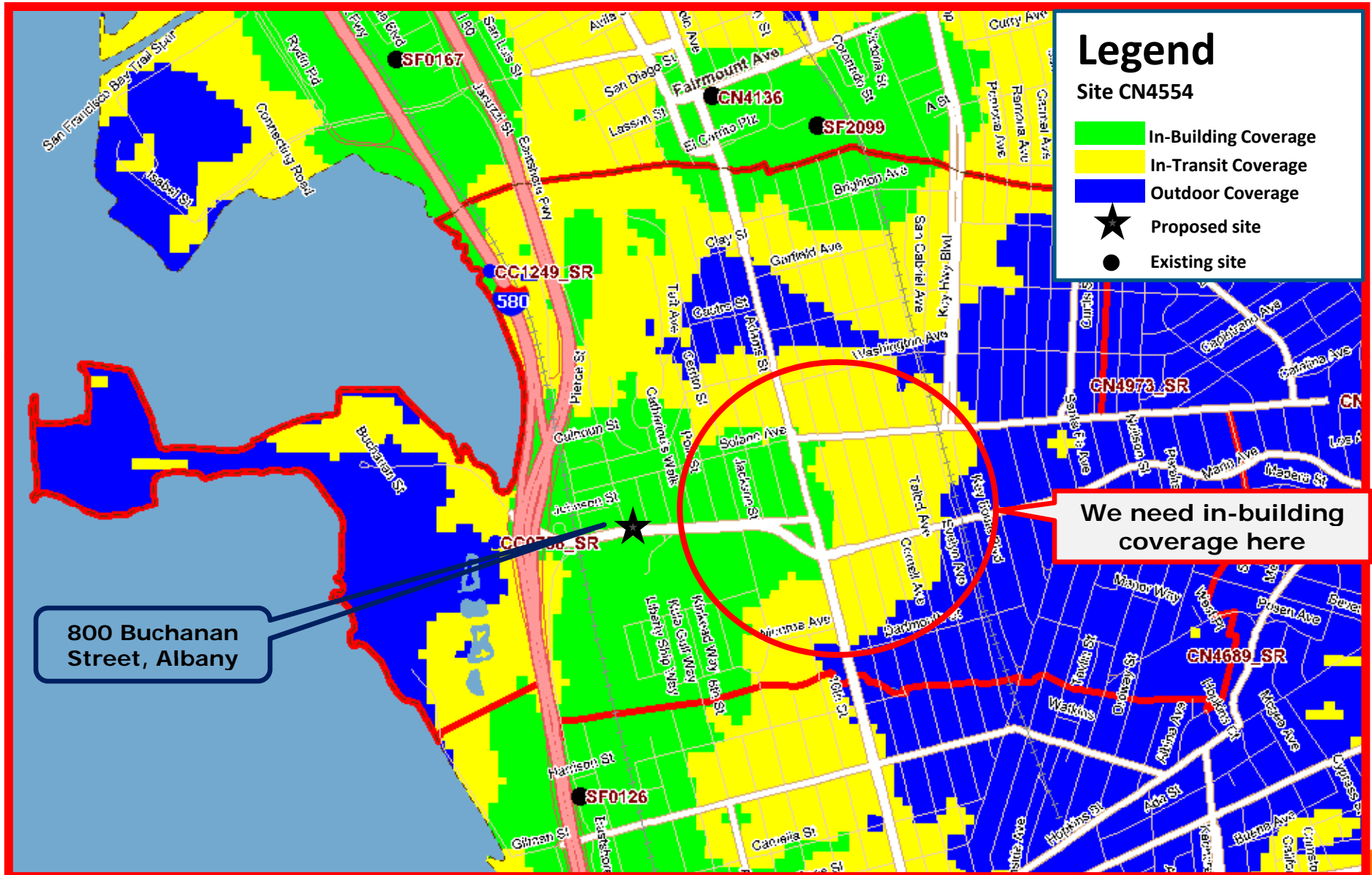
Alternate 9 @ 800 Buchanan Street (35ft)

November 21, 2011



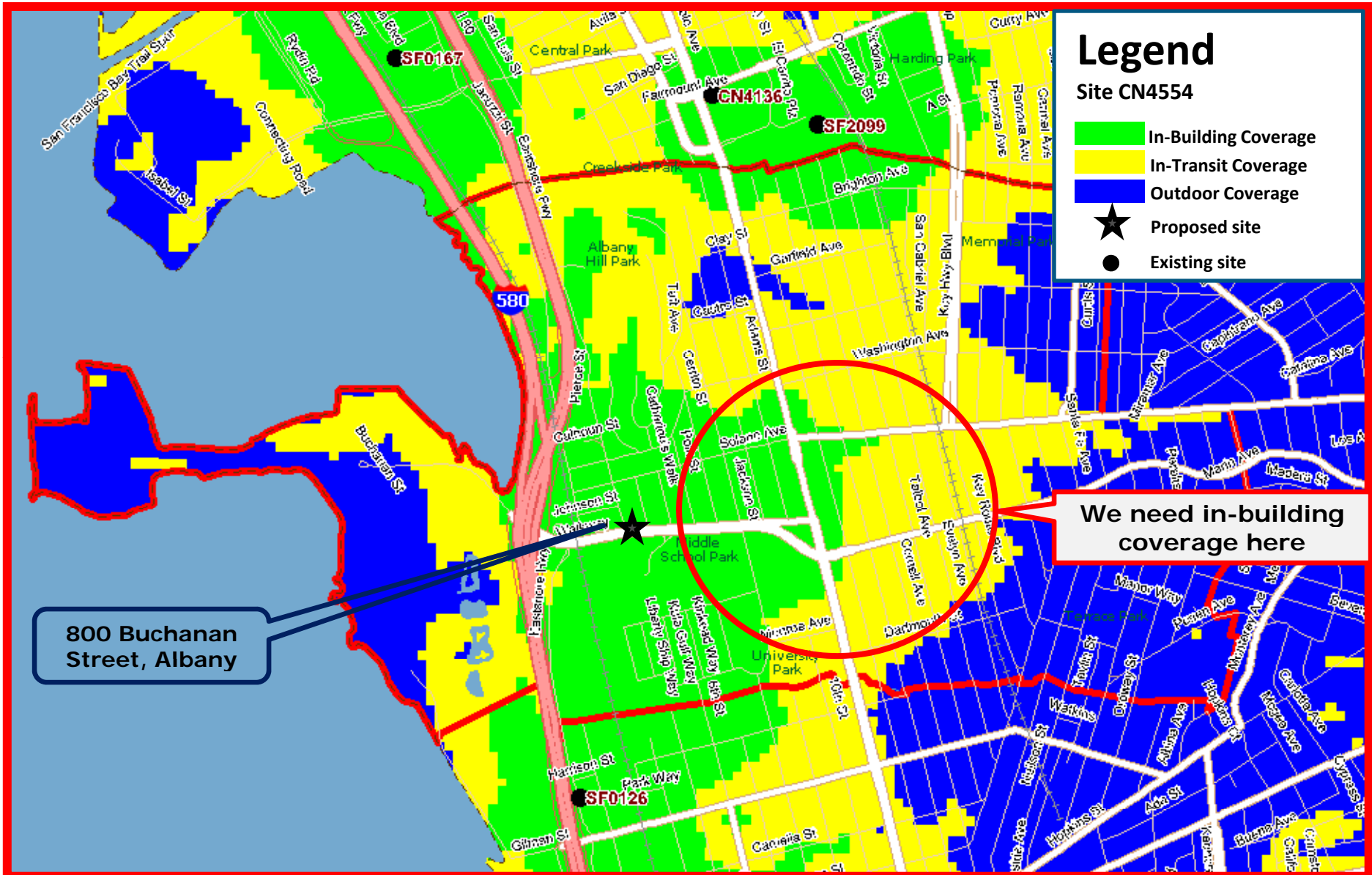
Alternate 9 @ 800 Buchanan Street (65ft)

November 21, 2011



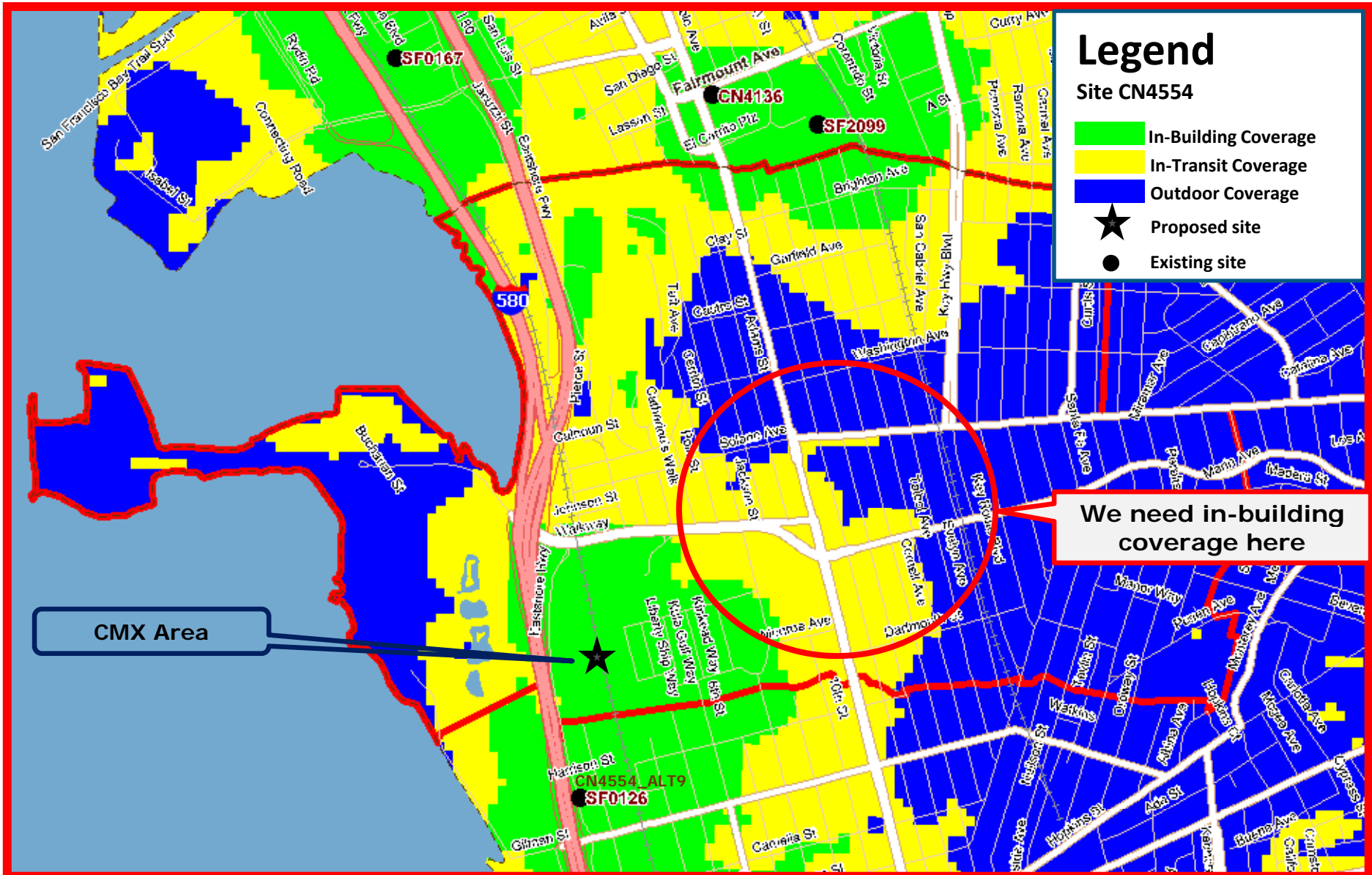
Alternate 9 @ 800 Buchanan Street (100ft)

November 21, 2011



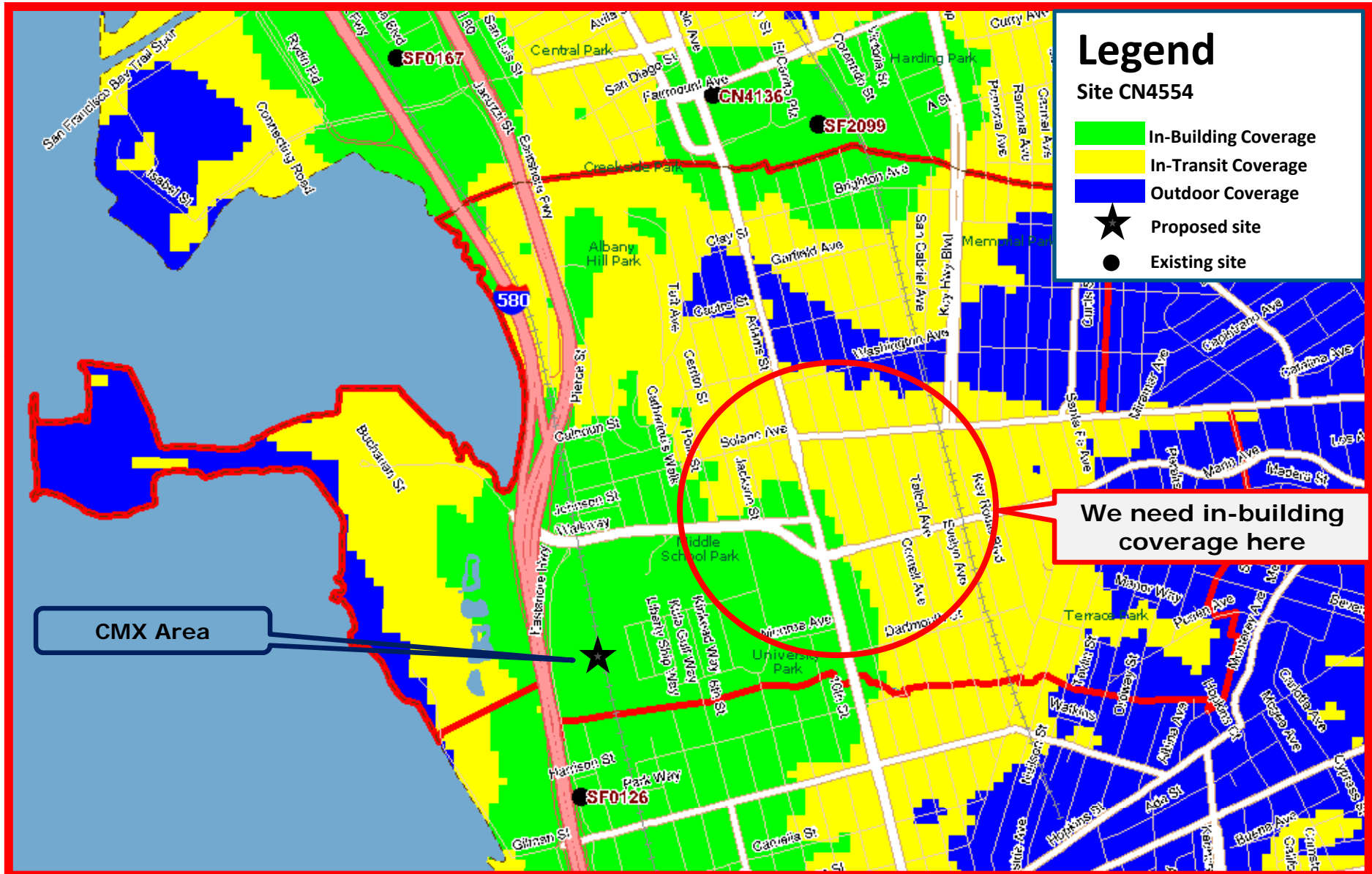
Alternate 10 @ CMX Area(50ft)

November 21, 2011



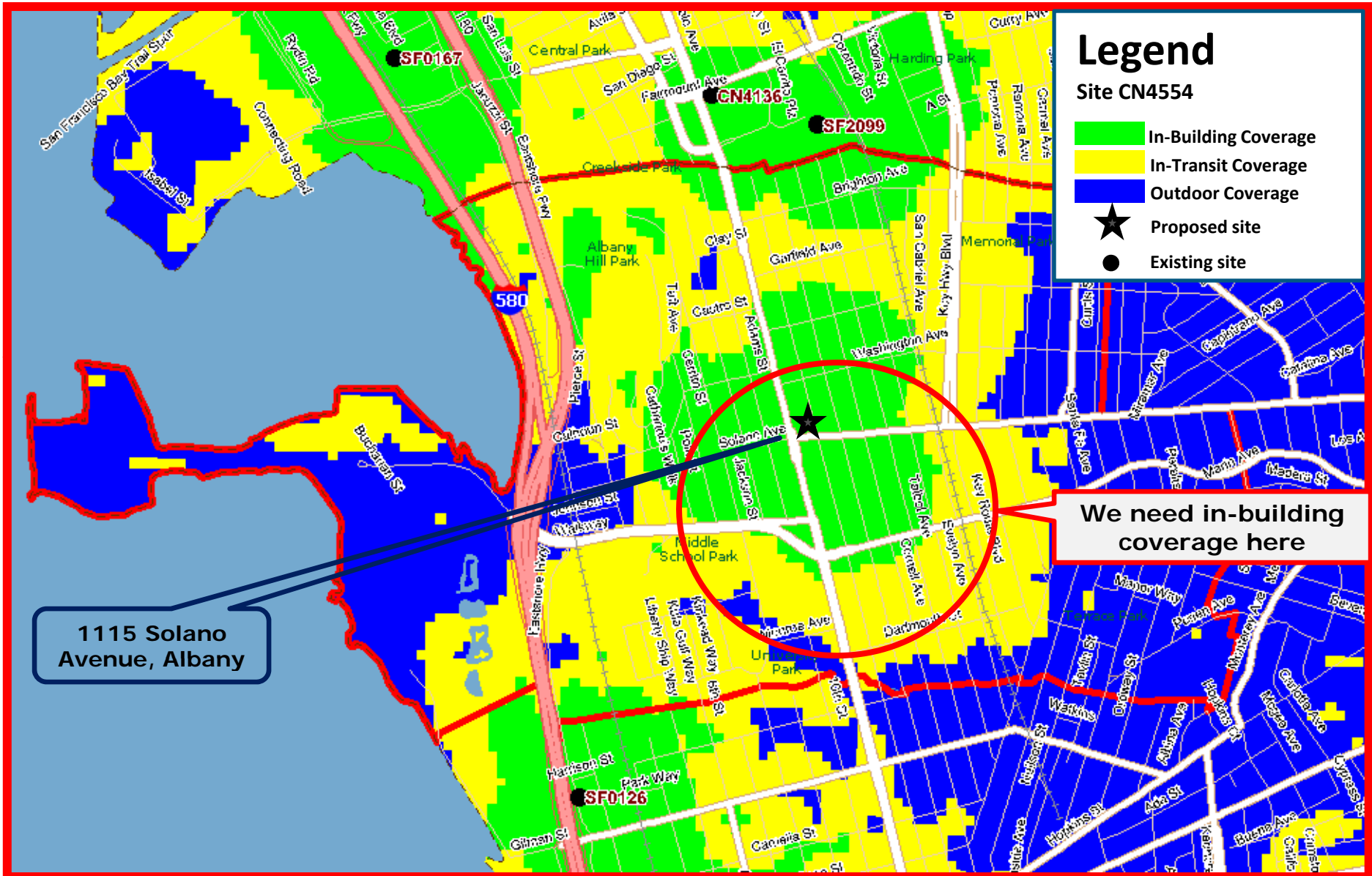
Alternate 10 @ CMX Area(150ft)

November 21, 2011



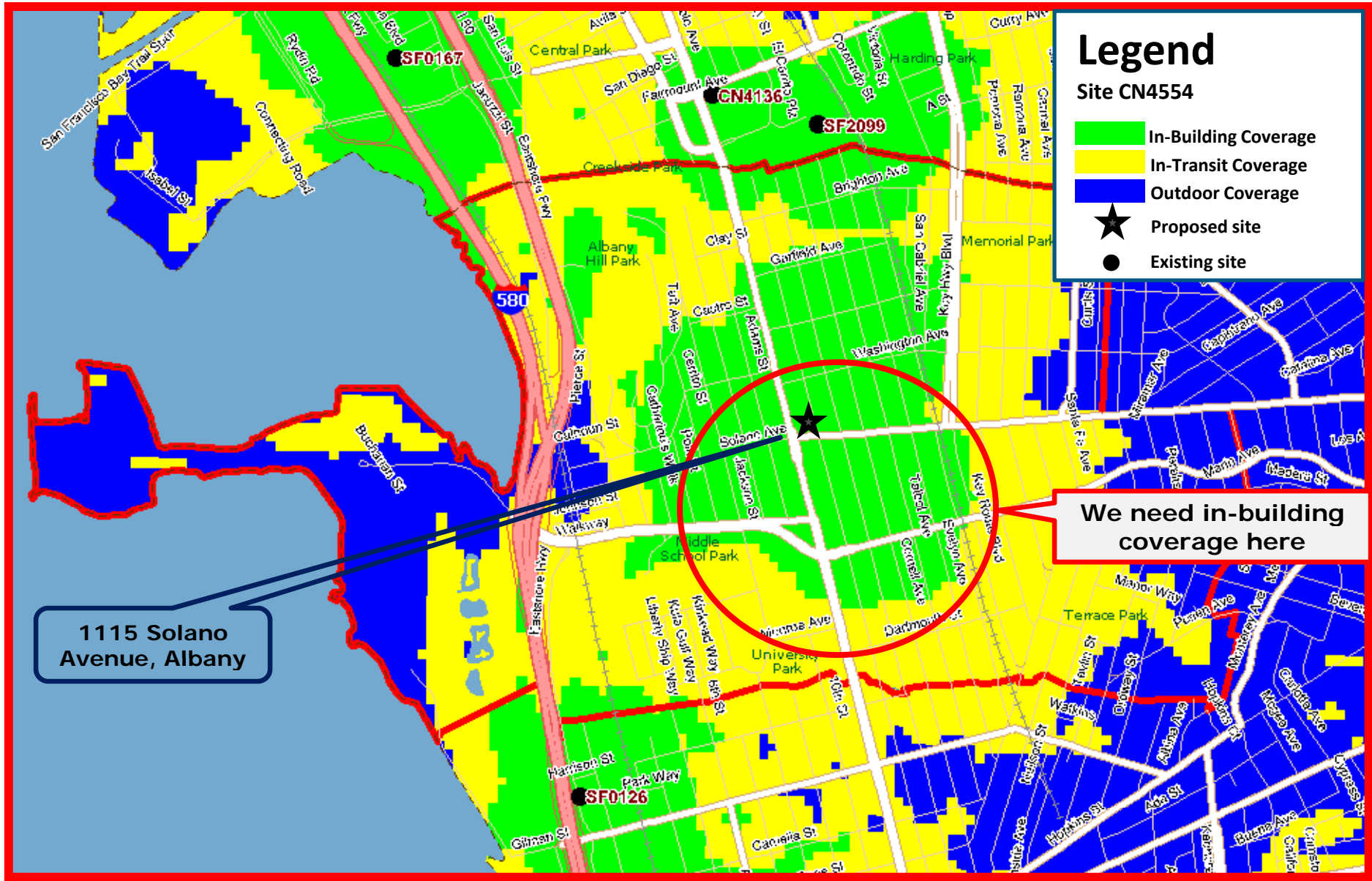
Candidate @ 1115 Solano Avenue (45ft)

November 21, 2011



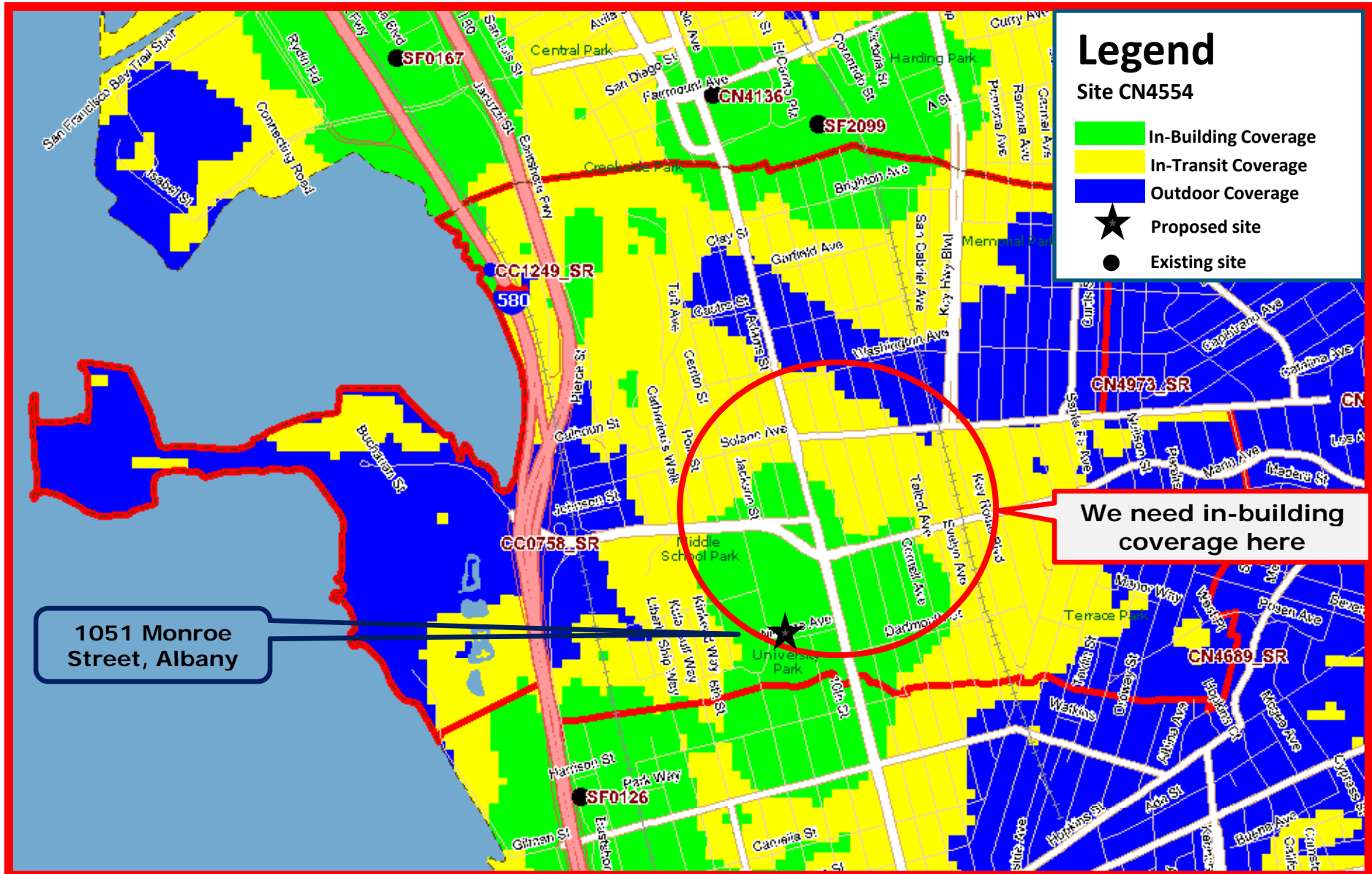
Candidate @ 1115 Solano Avenue (90ft)

November 21, 2011



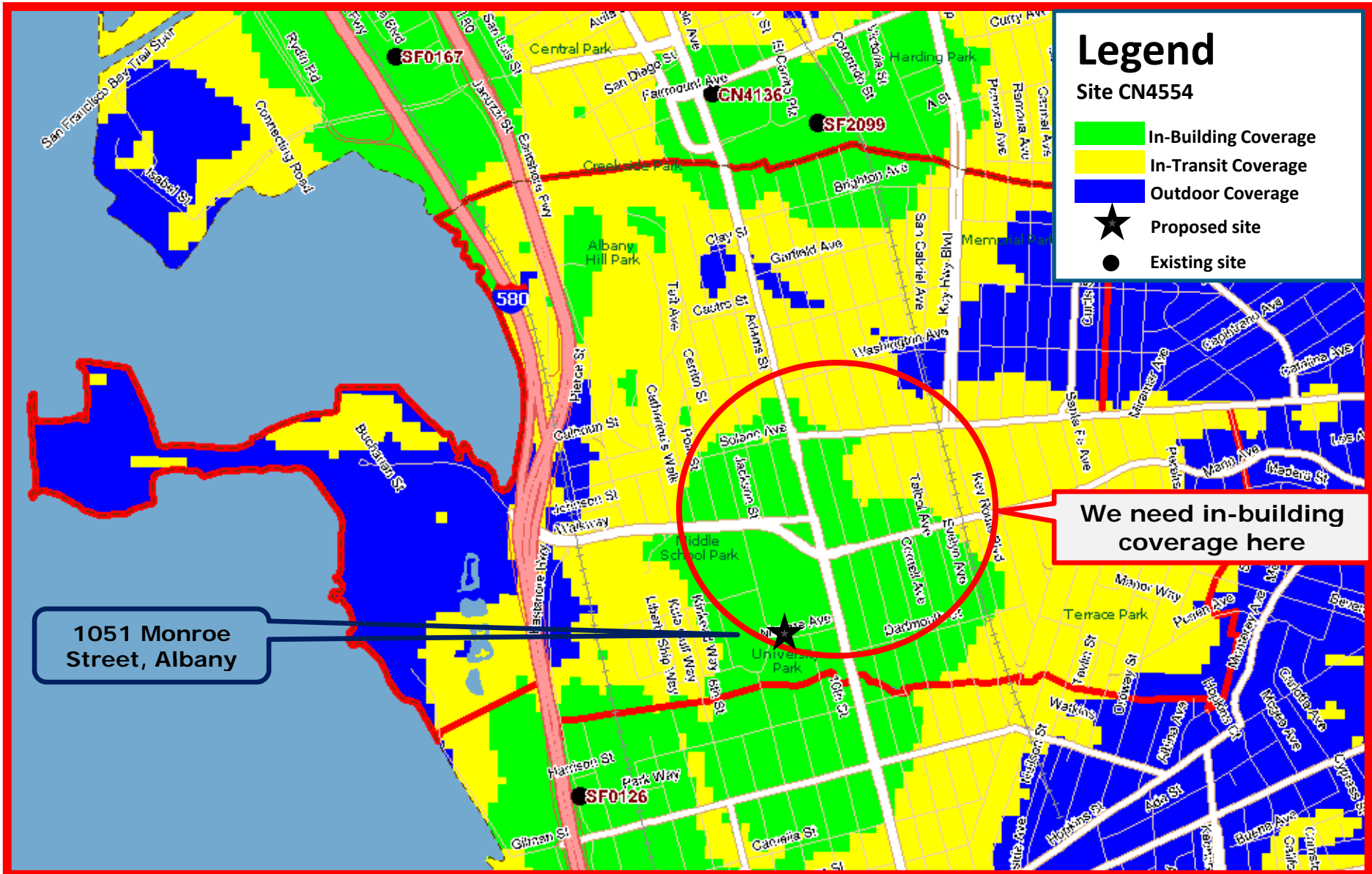
Candidate @ 1051 Monroe Street (45ft)

November 21, 2011



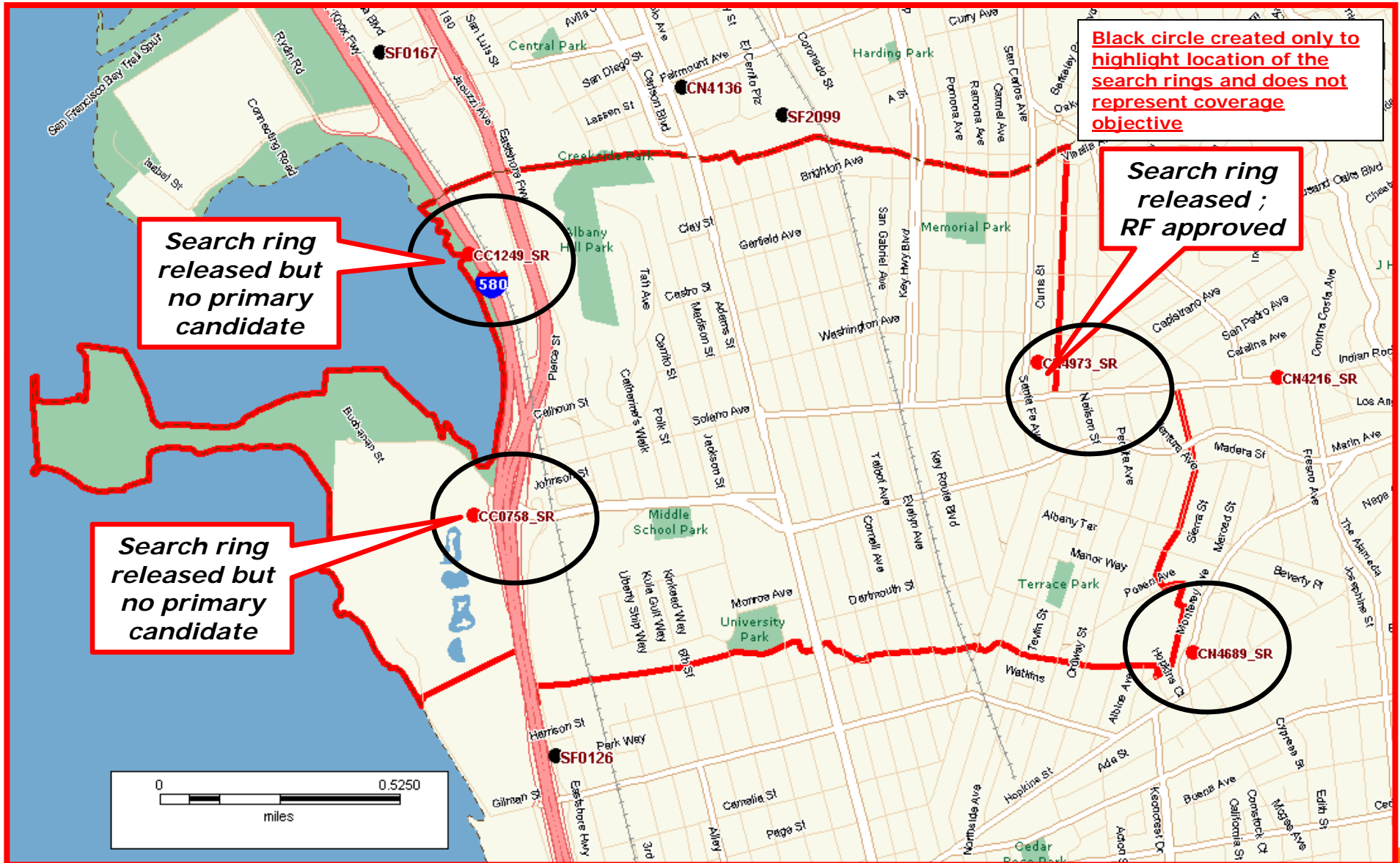
Candidate @ 1051 Monroe Street (90ft)

November 21, 2011



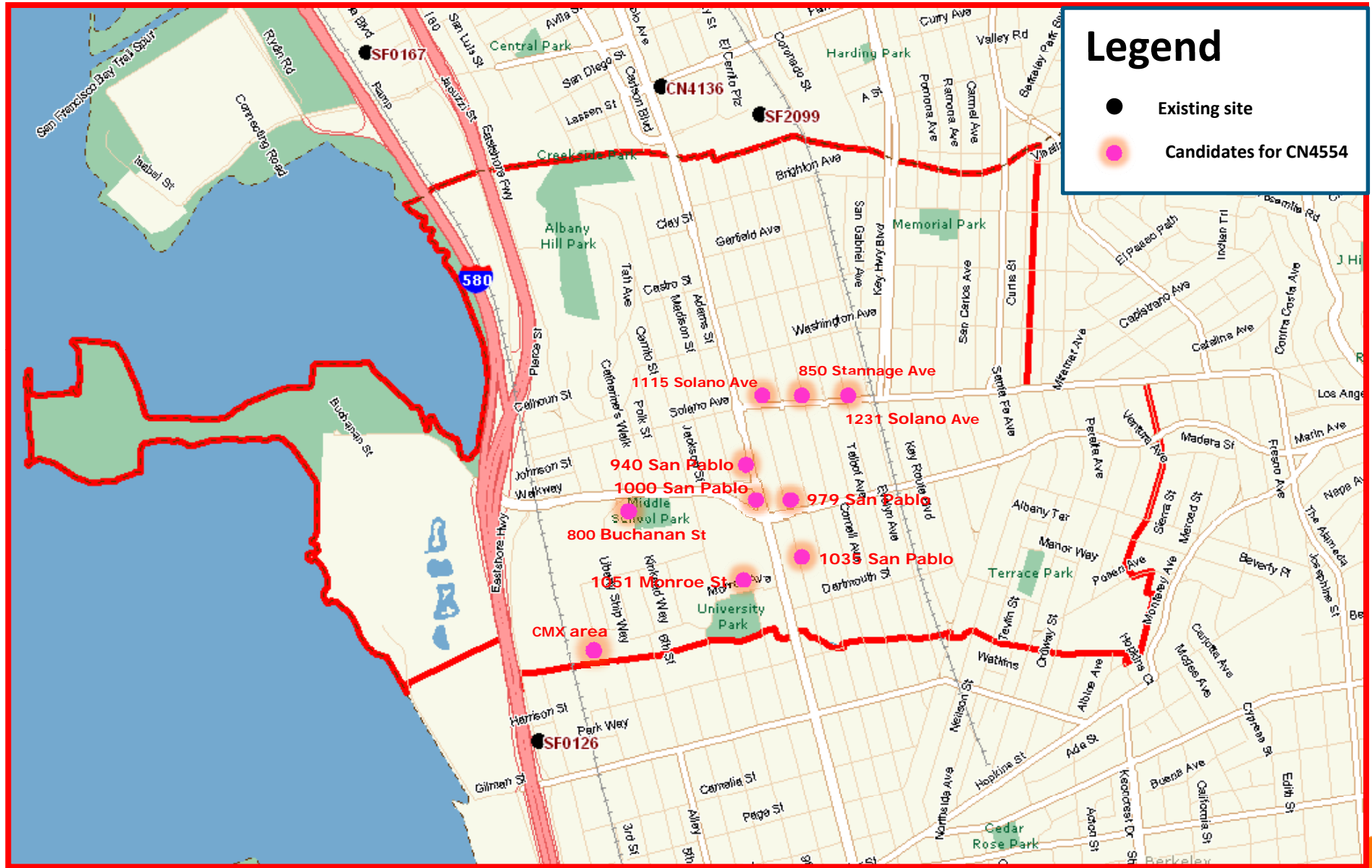
New Site Build Status in Albany

November 21, 2011



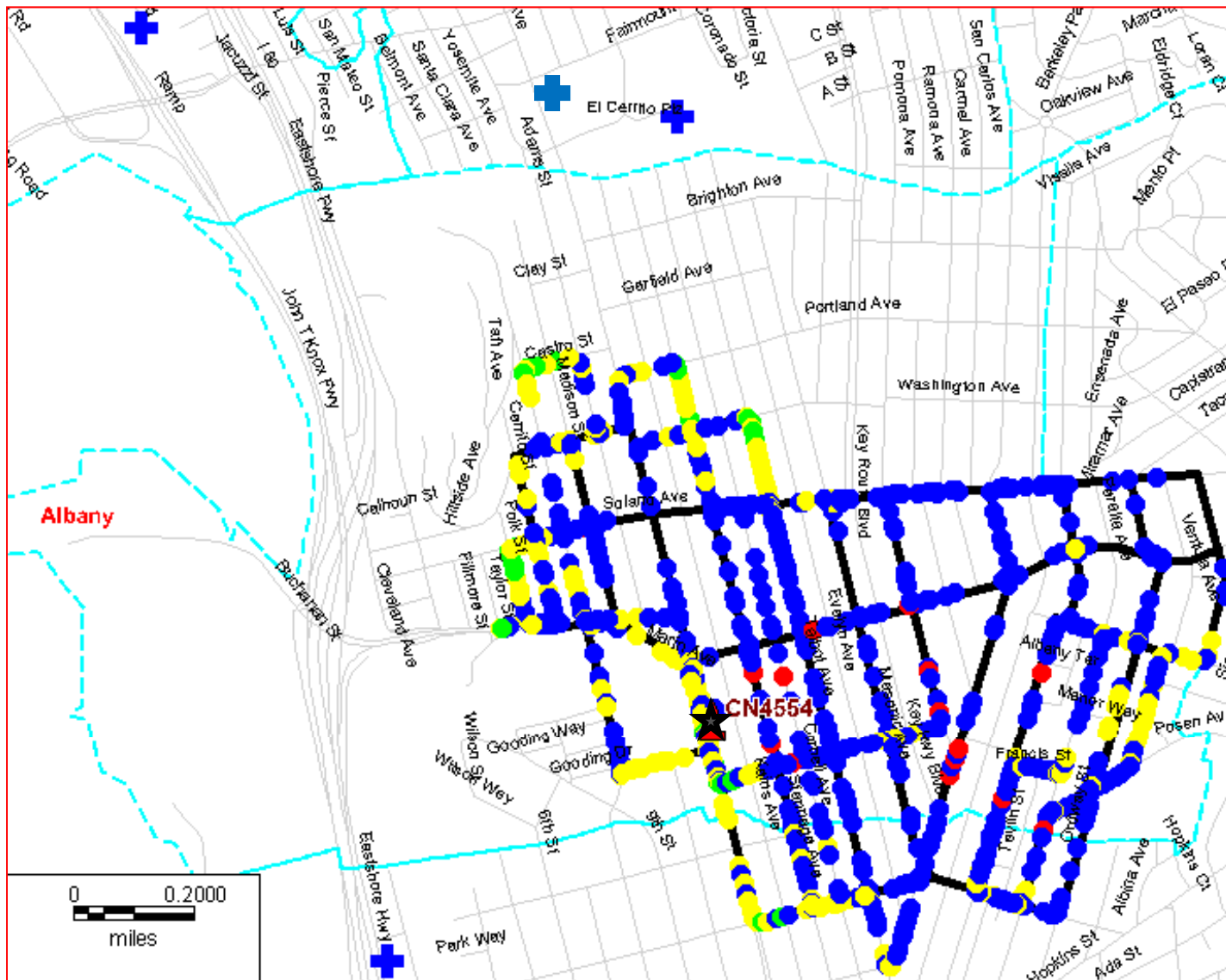
Location of current and previous candidates

November 21, 2011



Existing AT&T Drivetest Data – UMTS 850 MHz

November 21, 2011



Legend

Site CN4554

- In-Building Coverage
- In-Transit Coverage
- Outdoor Coverage
- ★ Proposed site
- ⊕ Existing site

Propagation Maps Data Parameters

November 21, 2011

Candidates	Azimuth			Antenna Model	Frequency	Pilot Power (dBm)
	Sector 1	Sector 2	Sector 3			
CNU4554_1115 Solano Ave	20	260	140	Powerwave 4ft ant	850 MHz	34.5
CNU4554_1231 Solano Ave	20	260	140	Powerwave 4ft ant	850 MHz	34.5
CNU4554_850 Stannage	20	260	140	Powerwave 4ft ant	850 MHz	34.5
CNU4554_940 San Pablo	70	345	165	Powerwave 4ft ant	850 MHz	34.5
CNU4554_979 San Pablo	70	345	165	Powerwave 4ft ant	850 MHz	34.5
CNU4554_CMX	70	345	165	Powerwave 4ft ant	850 MHz	34.5
CNU4554_800 Buchanan	70	345	165	Powerwave 4ft ant	850 MHz	34.5
CNU4554_1035 San Pablo	70	345	165	Powerwave 4ft ant	850 MHz	34.5
CNU4554_1051 Monroe	70	345	165	Powerwave 4ft ant	850 MHz	34.5