Draft Transit Service Plan

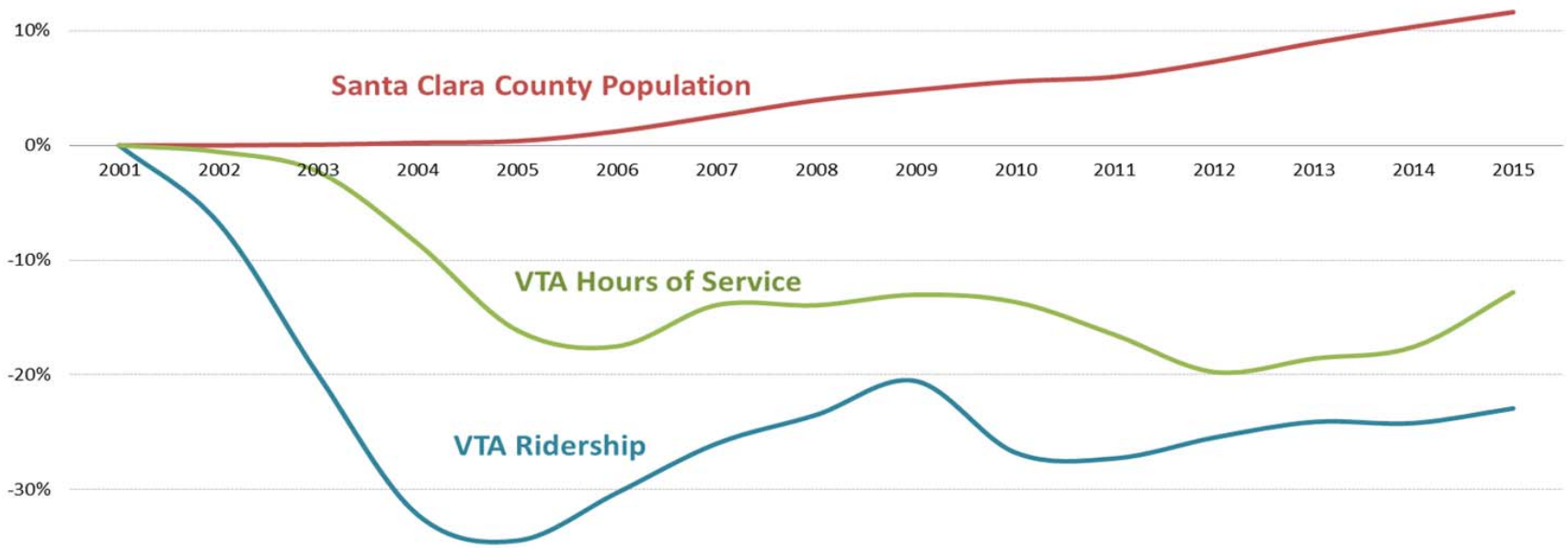
Sunnyvale City Council Presentation

January 31, 2017

Santa Clara Valley Transportation Authority

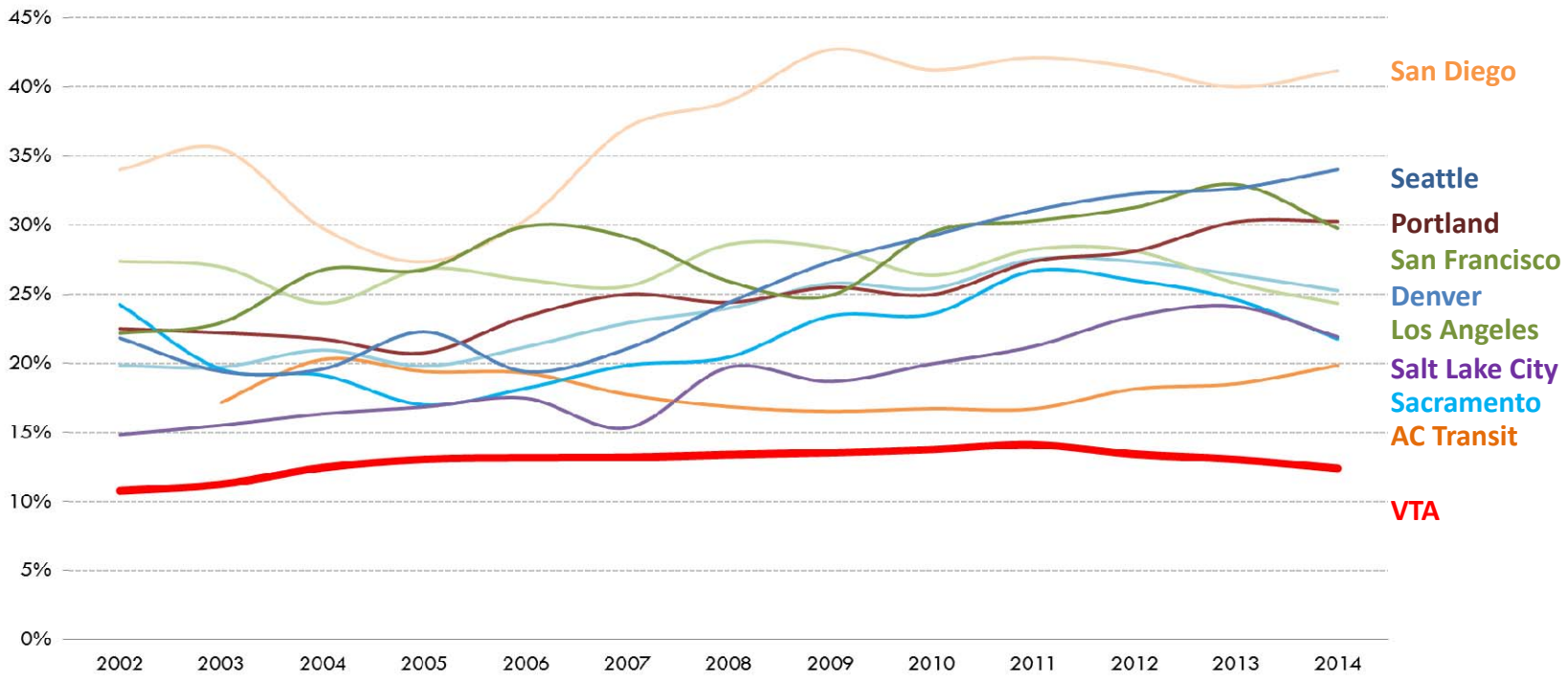
Solutions that move you

Goal: Increase Transit Ridership



Solutions that move you

Goal: Improve Efficiency



Farebox Recovery Rates

Solutions that move you

Goal: Connect to BART at Milpitas and Berryessa

Solutions that move you

The Ridership Recipe

Frequent all-day service following patterns of:

- Density
- Walkability
- Linearity
- Proximity
- Mixed Land Uses

Solutions that move you

What is the Purpose of Public Transit?

Ridership Goal: “Think like a business”

- Focus where ridership potential is highest
- Support dense and walkable development
- Reduce automobile vehicle miles traveled
- Maximize cost-effectiveness of public funds
- Fewer routes, but with greater frequency

Solutions that move you

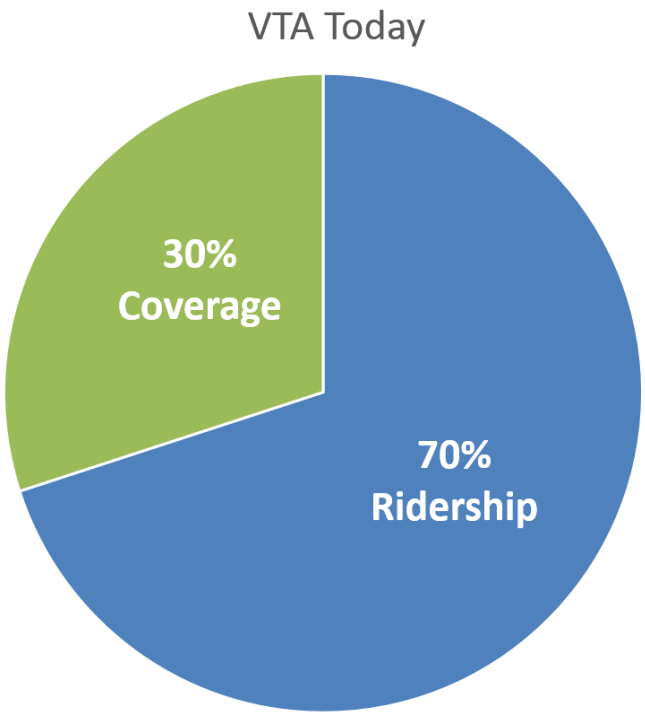
What is the Purpose of Public Transit?

Coverage Goal: “Think like a government service”

- “Access for all”
- Support suburban low-density development
- Lifeline access for everyone
- More routes, but with less frequency

Solutions that move you

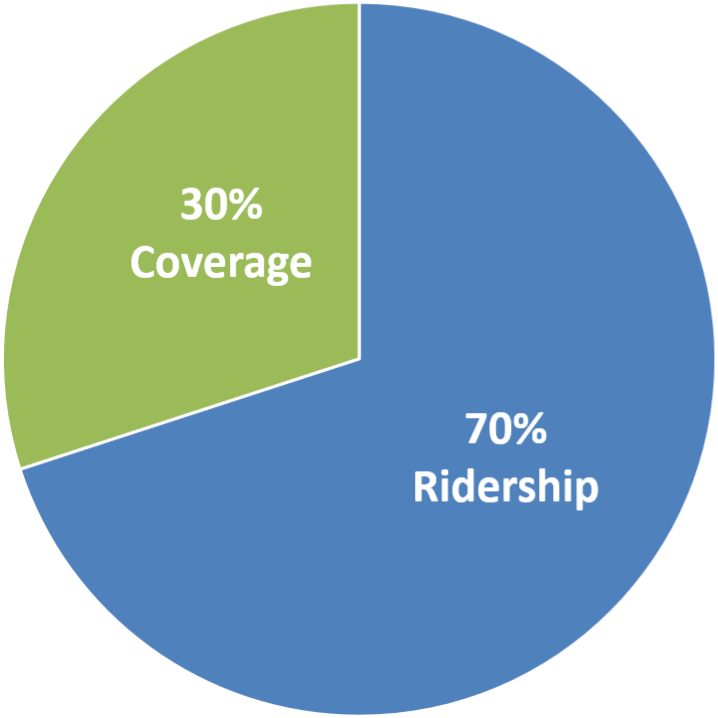
What is the Purpose of Public Transit?



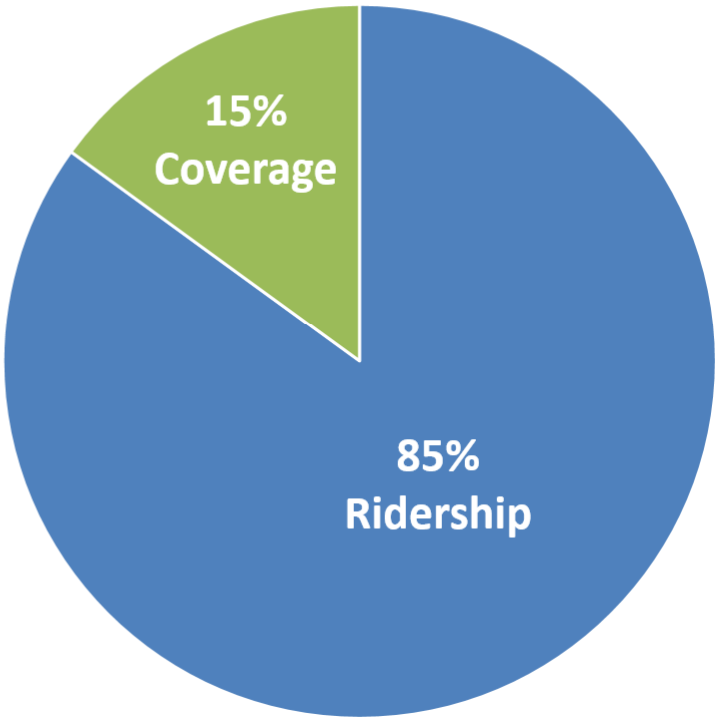
Solutions that move you

VTA Board Direction

VTA Today



Draft Service Plan



Solutions that move you

Summer 2016 Community Engagement: Tradeoff Survey

- Walk farther to more frequent transit
- Walk farther to faster transit
- Prefer frequent service with transfers over infrequent, but direct service

Solutions that move you

Transit Redesign Themes

Increase frequency

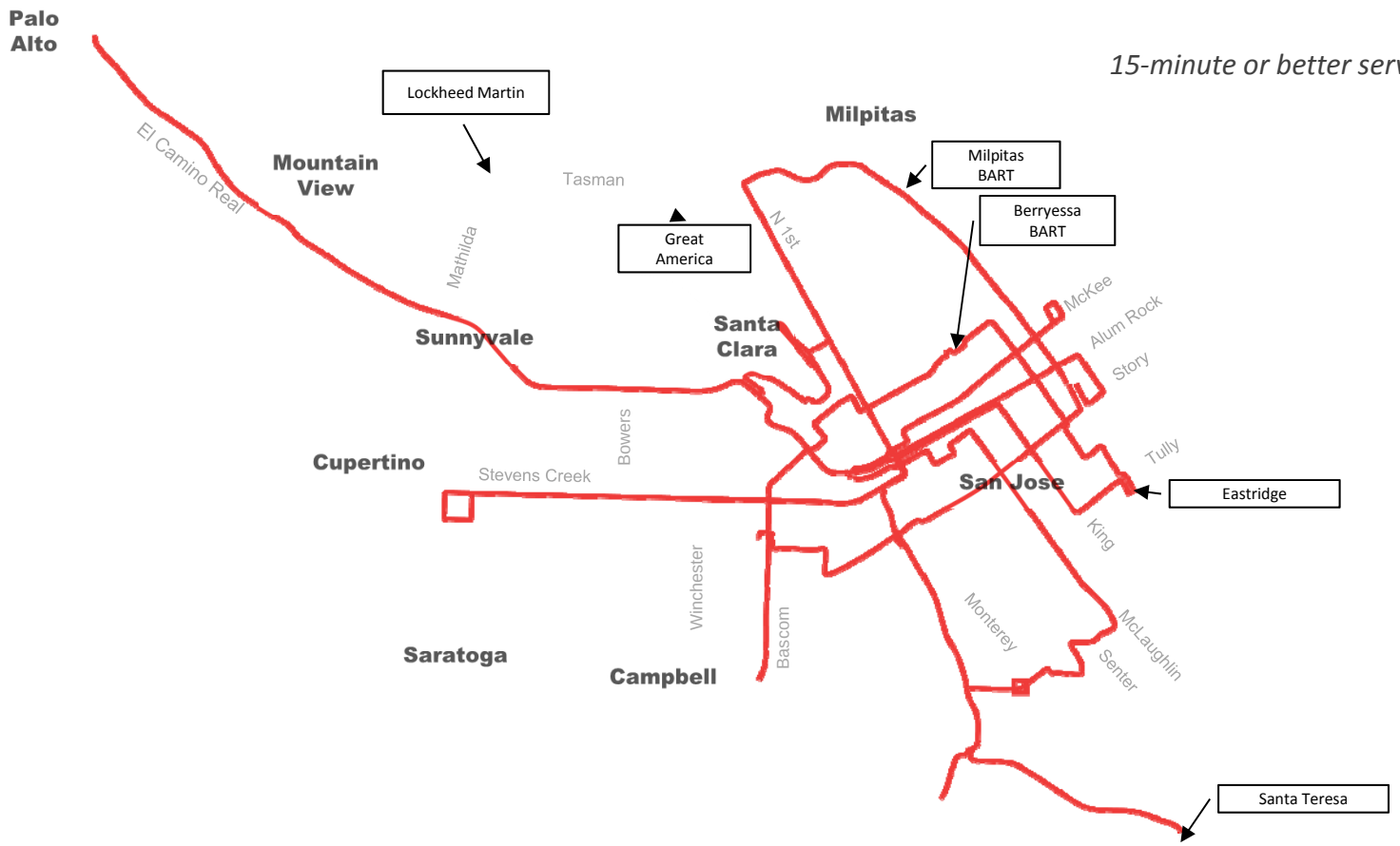
Build a grid network

More service in transit-supportive areas, less in low-demand areas

Budget Neutral: How can VTA increase productivity?

Existing Grid of Frequent Routes

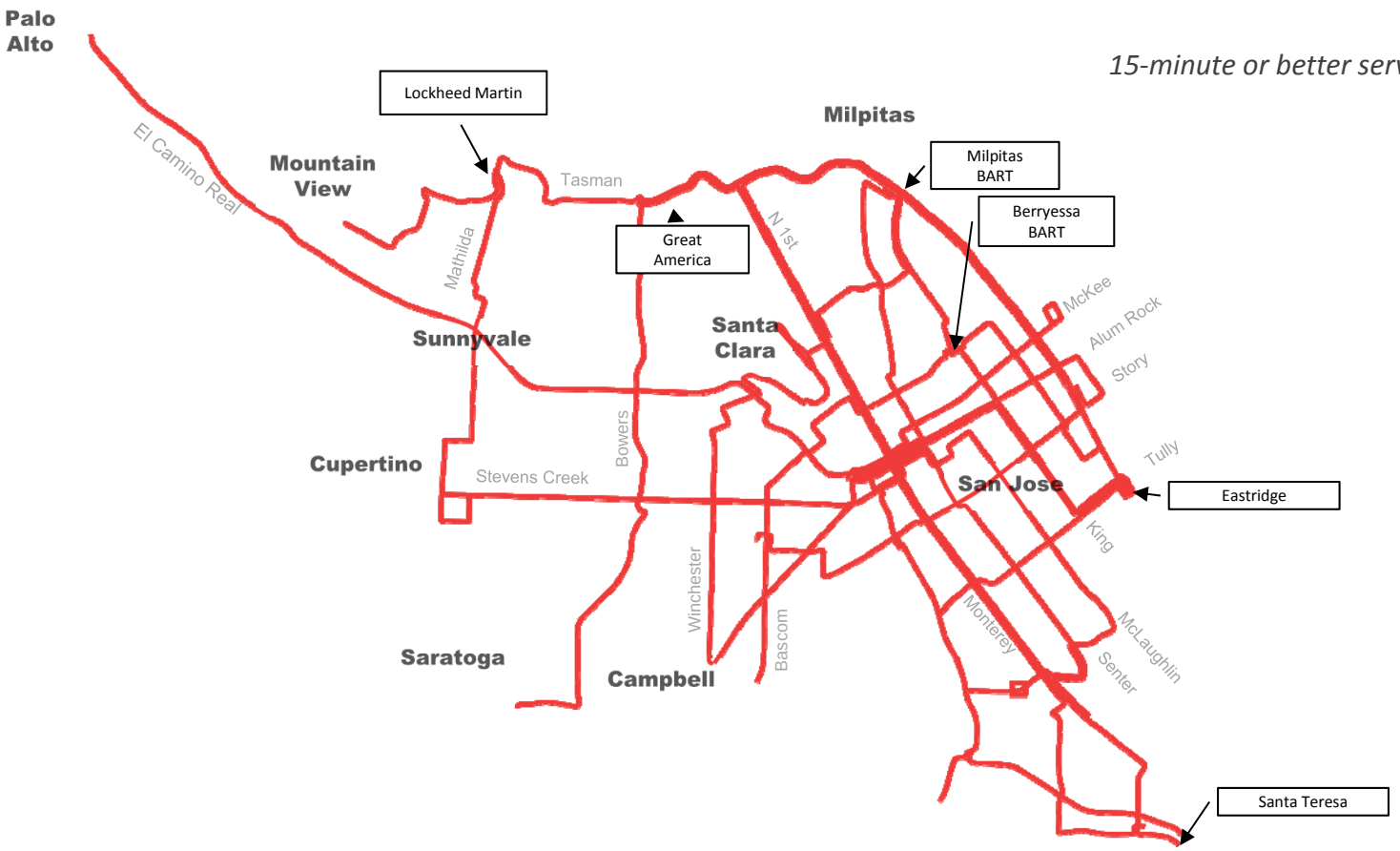
15-minute or better service, all day



Solutions that move you

Proposed Expanded Grid of Frequent Routes

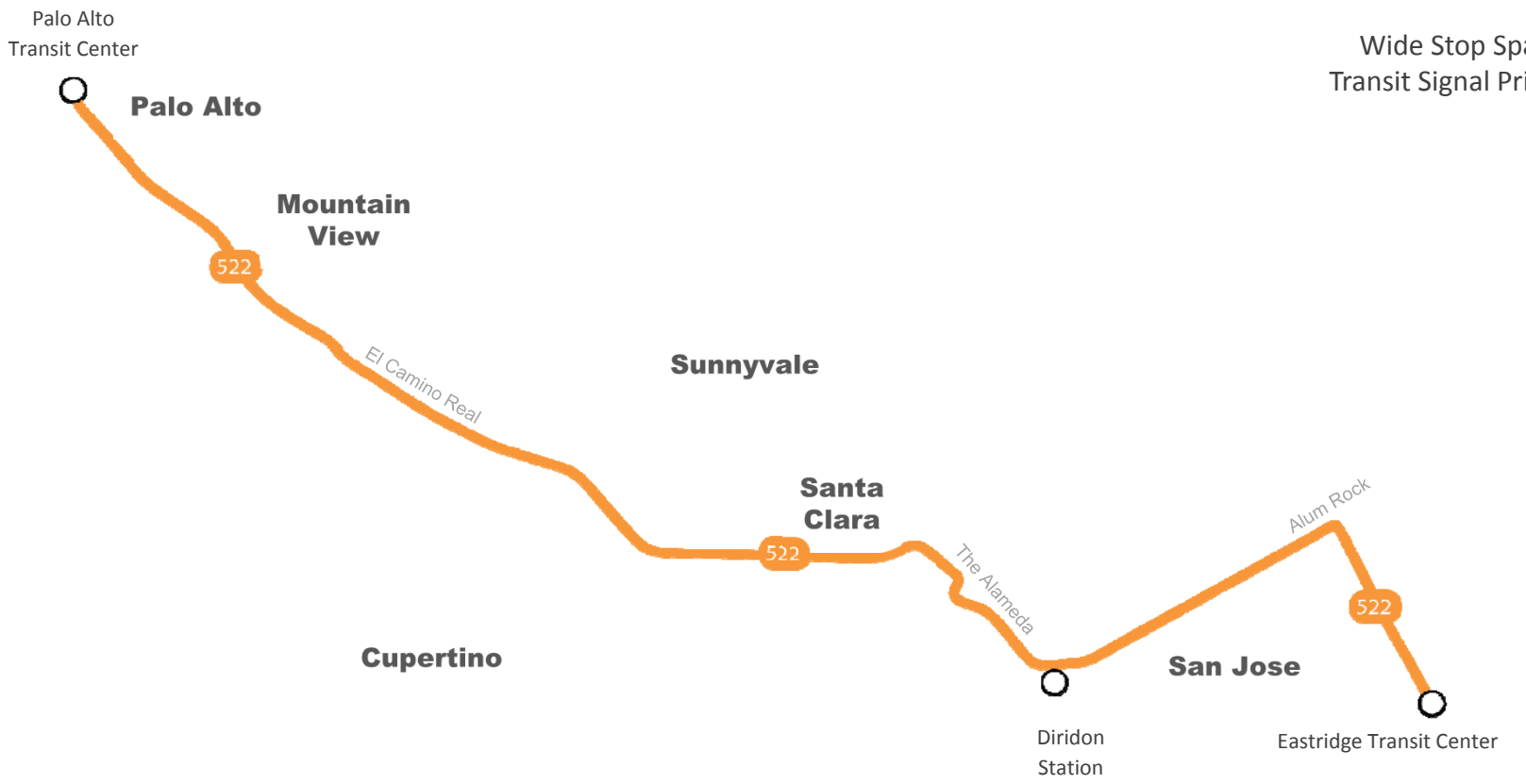
15-minute or better service, all day



Solutions that move you

Existing Rapid Service

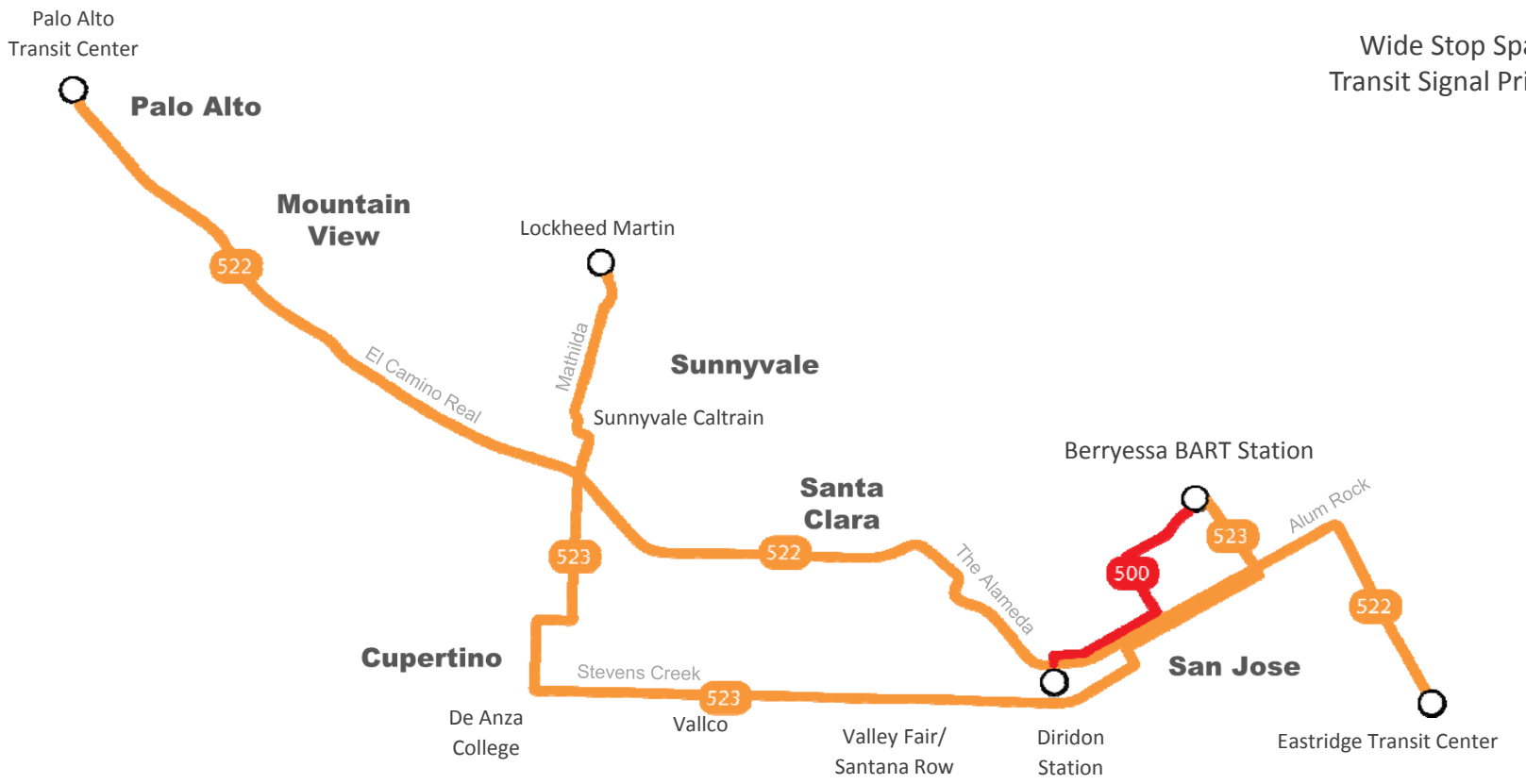
Wide Stop Spacing
Transit Signal Priority



Solutions
that move you

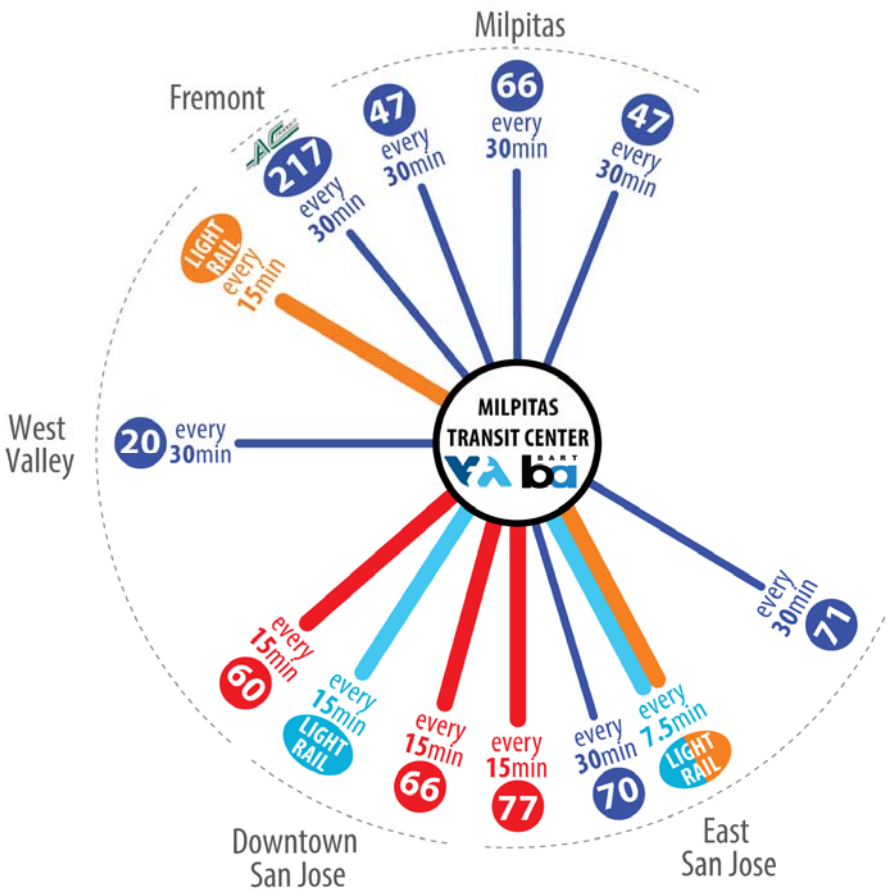
Proposed Rapid Service

Wide Stop Spacing
Transit Signal Priority



Solutions that move you

BART Connections - Milpitas



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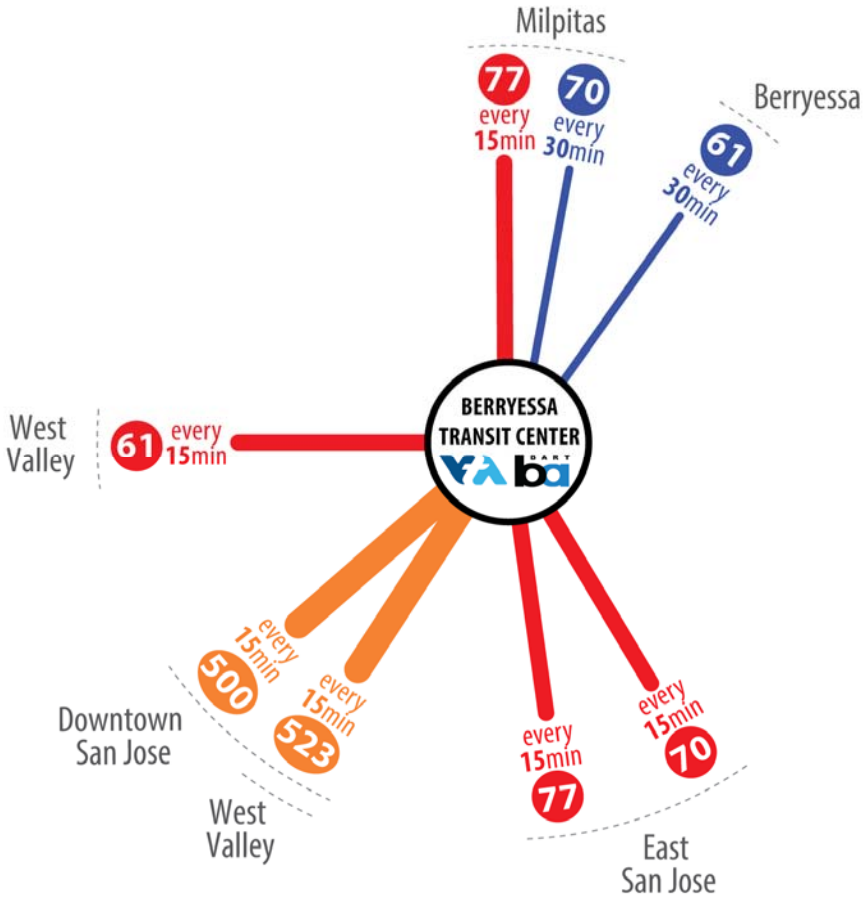
Buses & Light Rail Trains Per Hour

Solutions that move you

BART Connections - Berryessa



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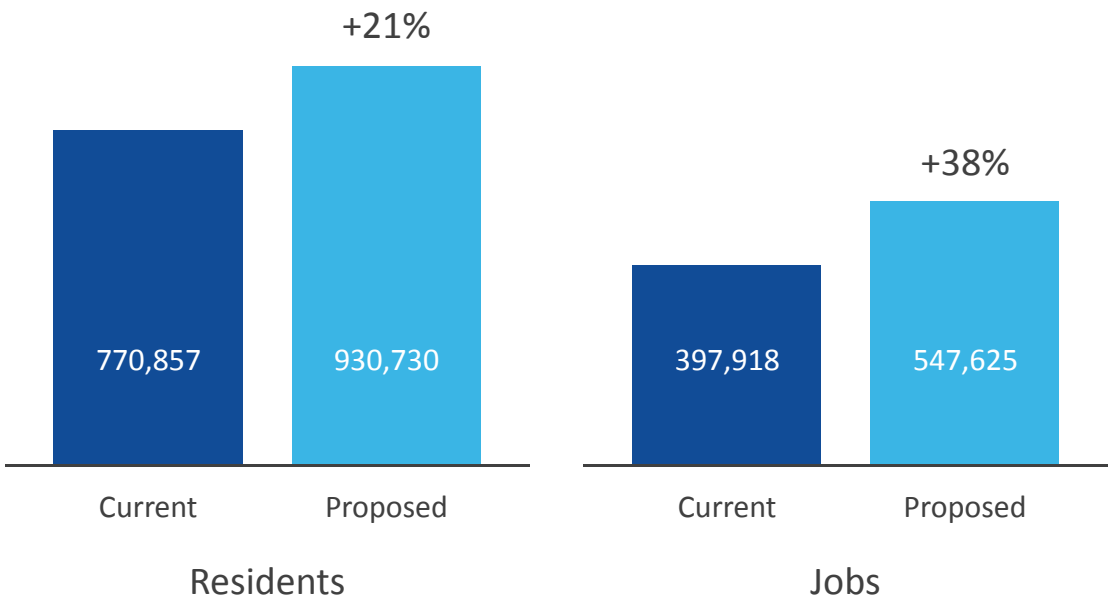
Buses Per Hour

Solutions that move you

Proposed Light Rail Network

Solutions that move you

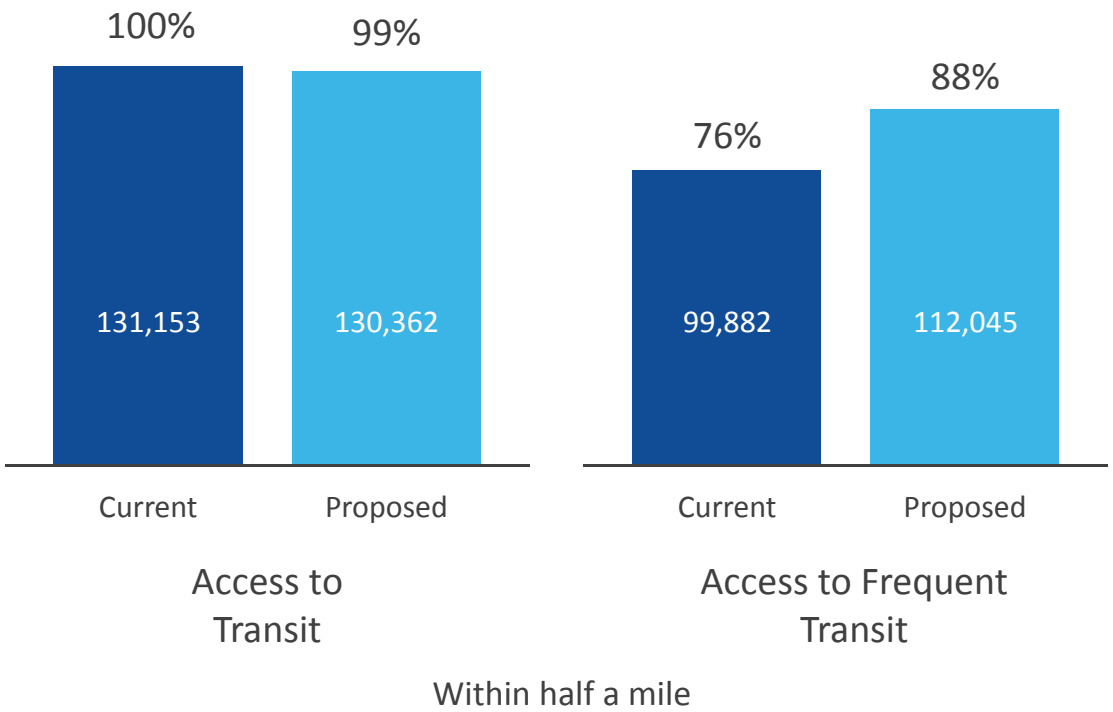
More Residents and Jobs on Frequent Network



Within half a mile of 15-minute or better service

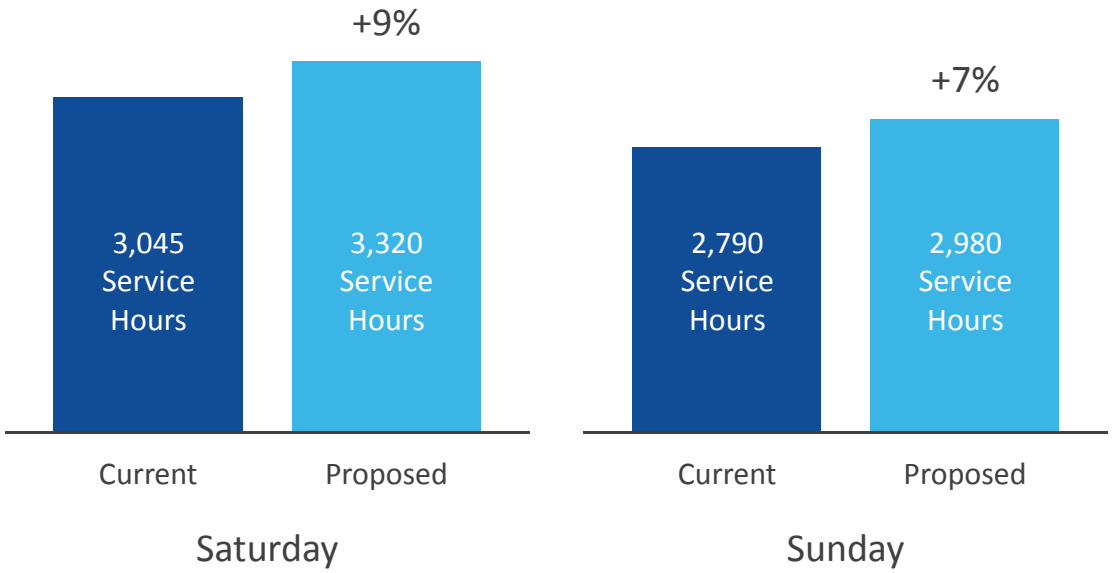
Solutions that move you

Access for Current Riders

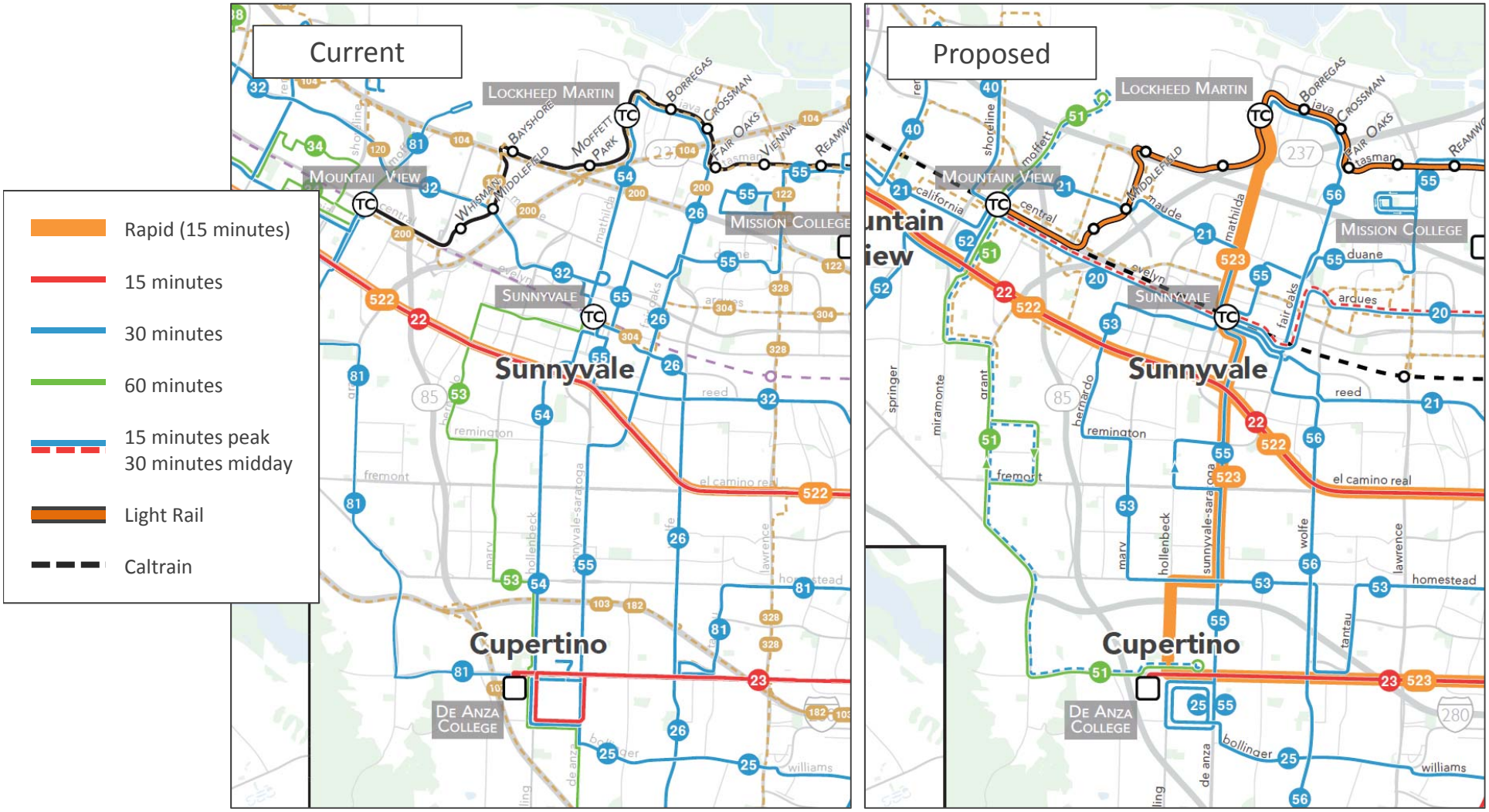


Solutions that move you

More Weekend Service



Solutions that move you



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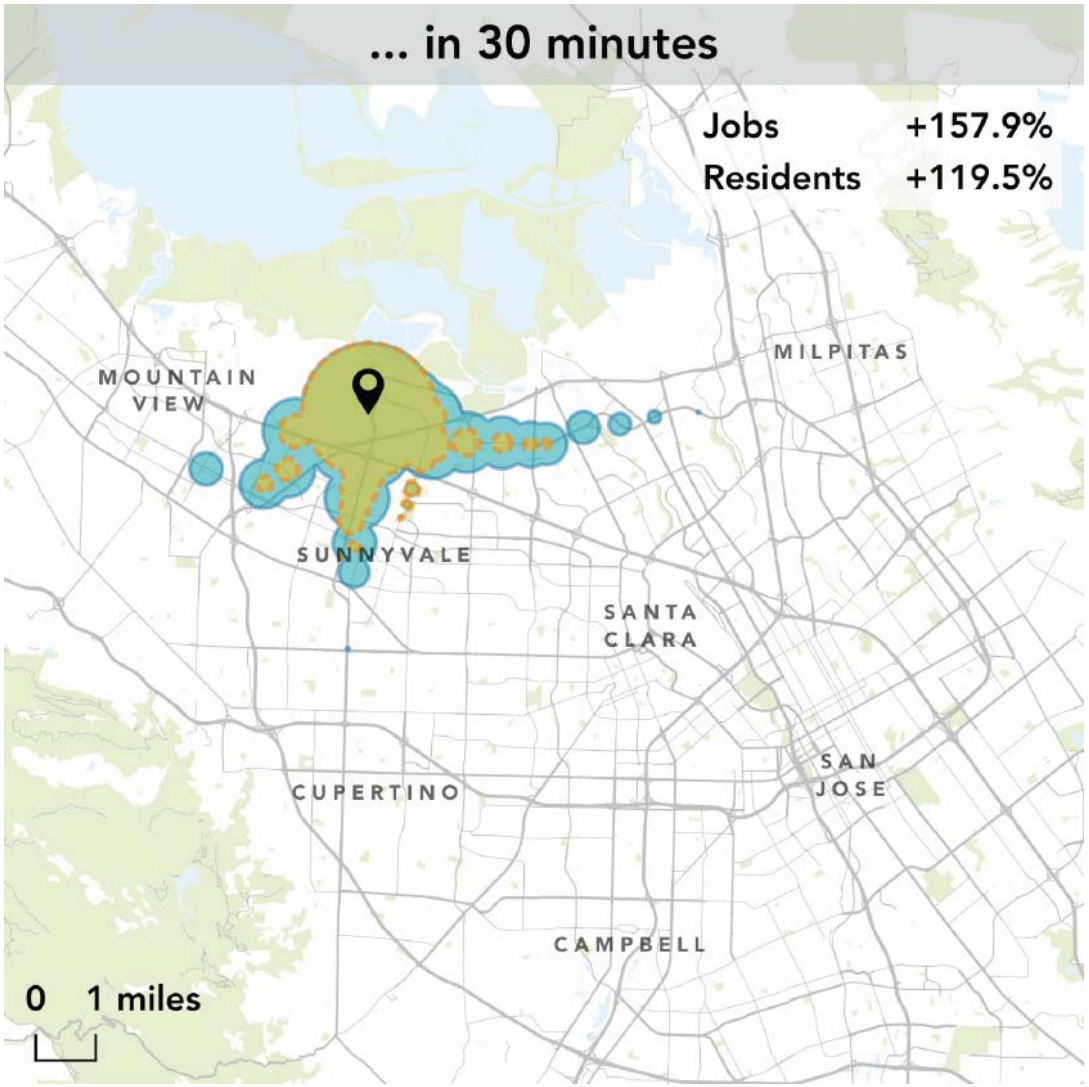


Lockheed Martin Transit Center

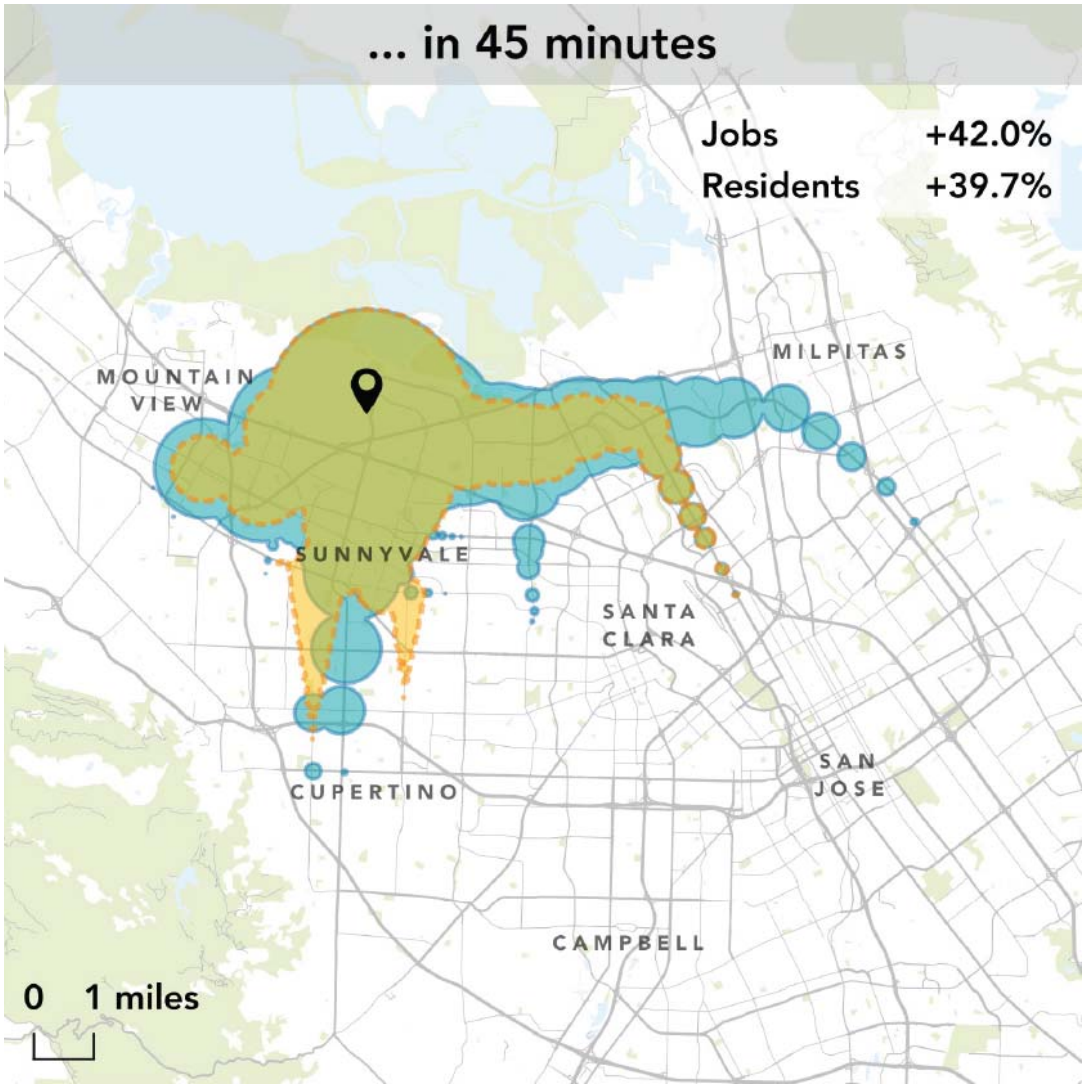
Transit/walking access in 30 minutes

12:00 PM

+26,900 Jobs	+157.9%
+23,000 Residents	+119.5%

- Access lost
- Access gained
- No change in access

Solutions that move you



Lockheed Martin Transit Center

Transit/walking access in 45 minutes

12:00 PM

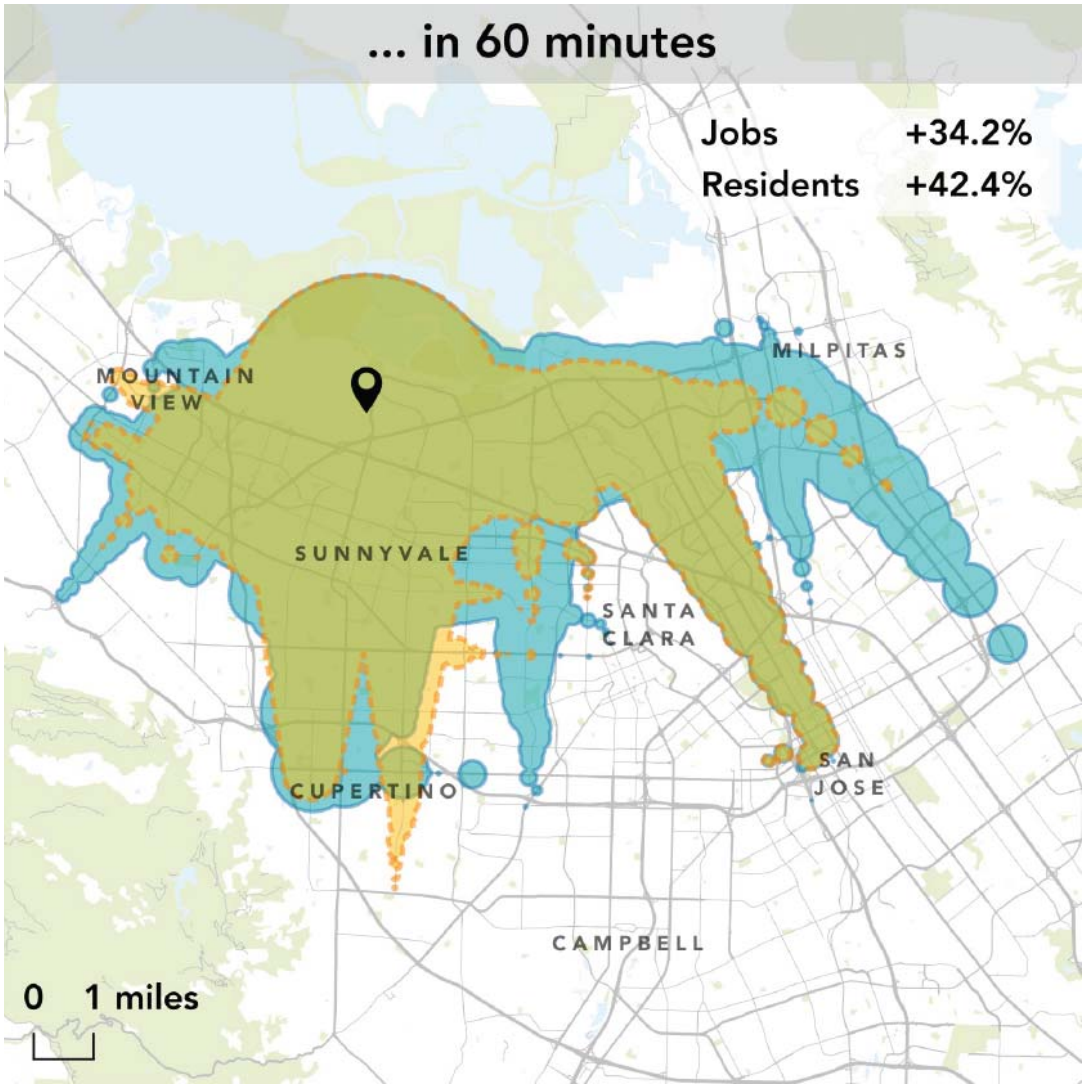
+42,100 Jobs	+42.0%
+44,600 Residents	+39.7%

Access lost

Access gained

No change in access

Solutions that move you



Lockheed Martin Transit Center

Transit/walking access in 60 minutes

12:00 PM

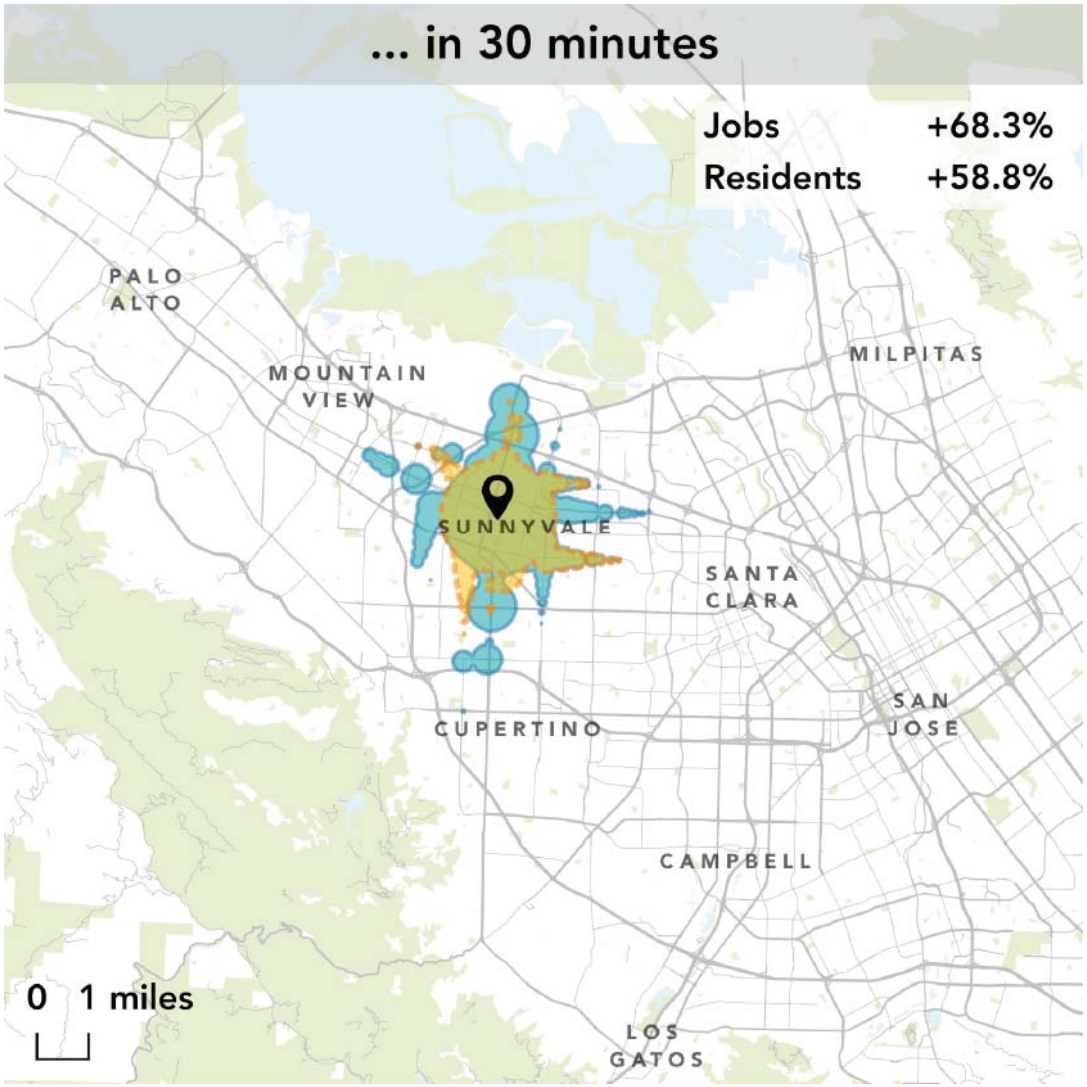
+97,500 Jobs	+34.2%
+117,500 Residents	+42.4%

Access lost

Access gained

No change in access

Solutions that move you



Downtown Sunnyvale

Transit/walking access in 30 minutes

12:00 PM

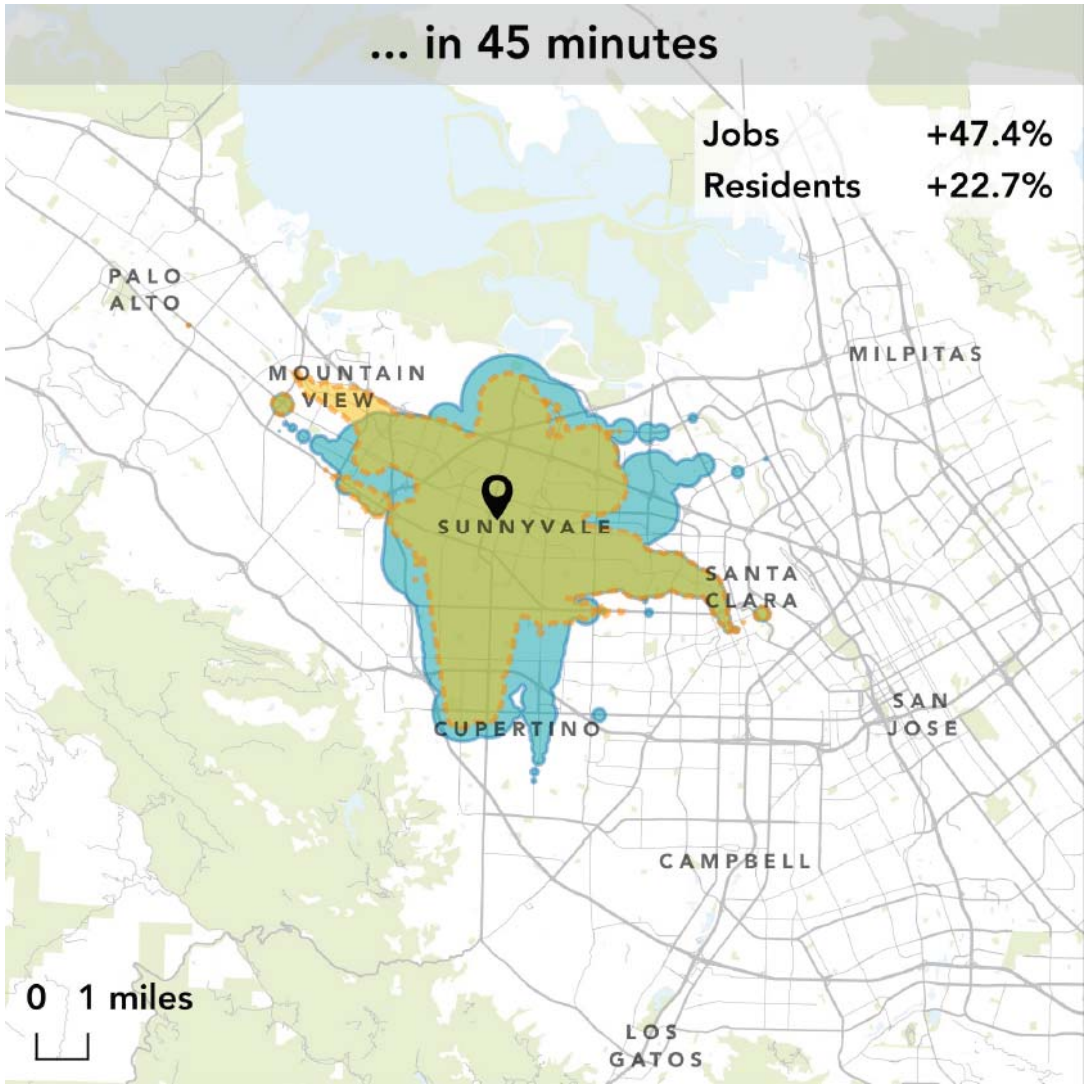
+16,900 Jobs	+68.3%
+28,700 Residents	+58.8%

Access lost

Access gained

No change in access

Solutions that move you



Downtown Sunnyvale

Transit/walking access in 45 minutes

12:00 PM

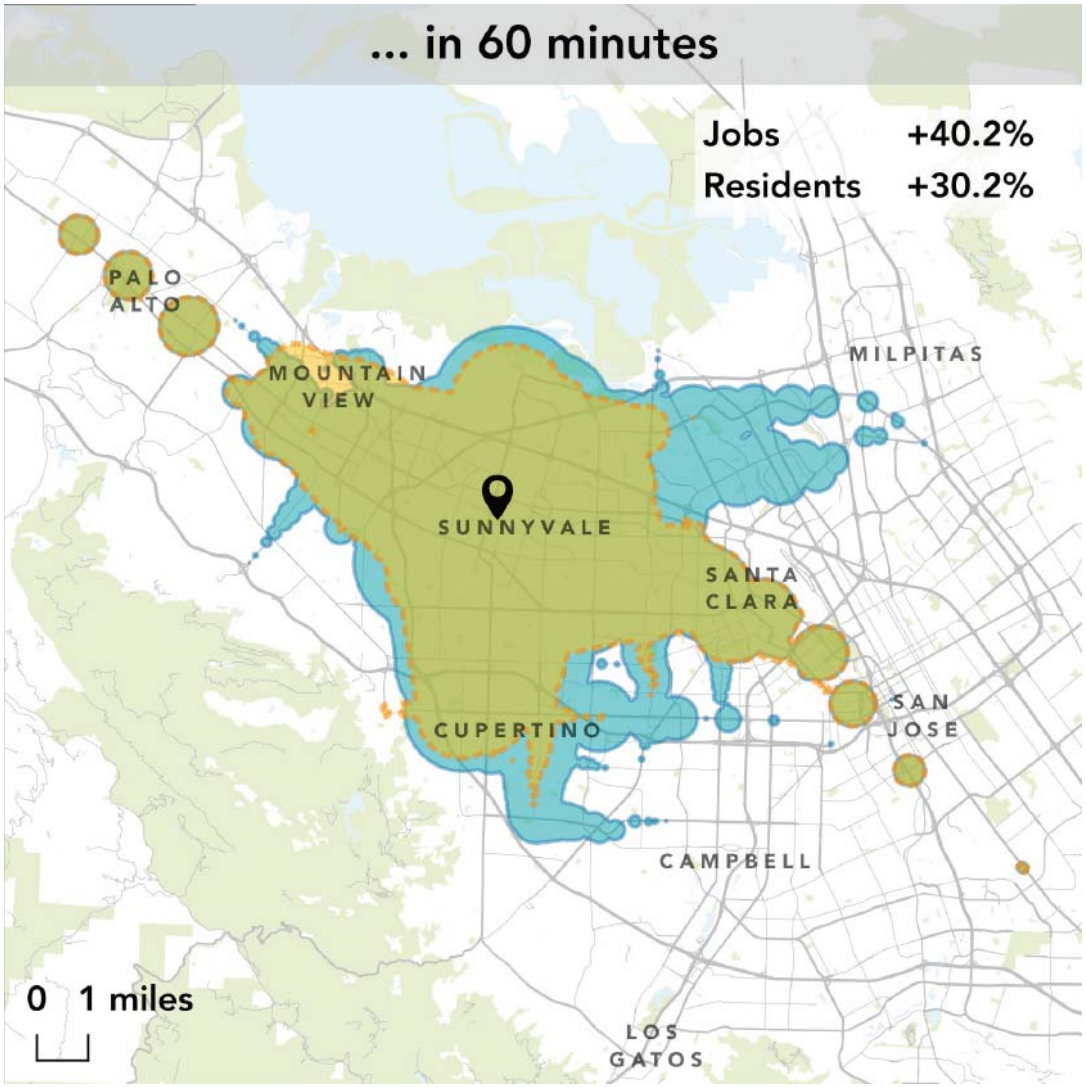
+50,900 Jobs	+47.4%
+43,200 Residents	+22.7%

Access lost

Access gained

No change in access

Solutions that move you



Downtown Sunnyvale

Transit/walking access in 60 minutes

12:00 PM

+99,400 Jobs	+40.2%
+106,200 Residents	+30.2%

Access lost

Access gained

No change in access

Solutions that move you

Related Efforts

Measure B

$500 million over 30 years ($16.7 million per year) is eligible to be used for transit:

- Expand mobility services and affordable fare programs for seniors, disabled, students and low-income riders
- Enhance frequent core bus network
- Improve amenities at bus stops to increase safety, security and access
- Support new innovative transit service models to address first/last mile connections

Related Efforts

Paratransit Policy Update

Update paratransit policy so that no current paratransit users in Santa Clara County are negatively impacted (access to paratransit or fares) by transit network changes.

Core Connectivity

Exploring service models that are a better fit for suburban land use patterns

- Contributions to city shuttle programs
- Subsidizing rides made by on-demand services

Related Efforts

Fare Study

Design of the transit network and fare policy work in harmony

- Evaluate free transfers
- Base fare change ($2.00 to $2.25 or $2.50)
- Youth and EcoPass pricing
- Continuation or expansion of TAP Program (low-income passes)
- Community bus fare elimination

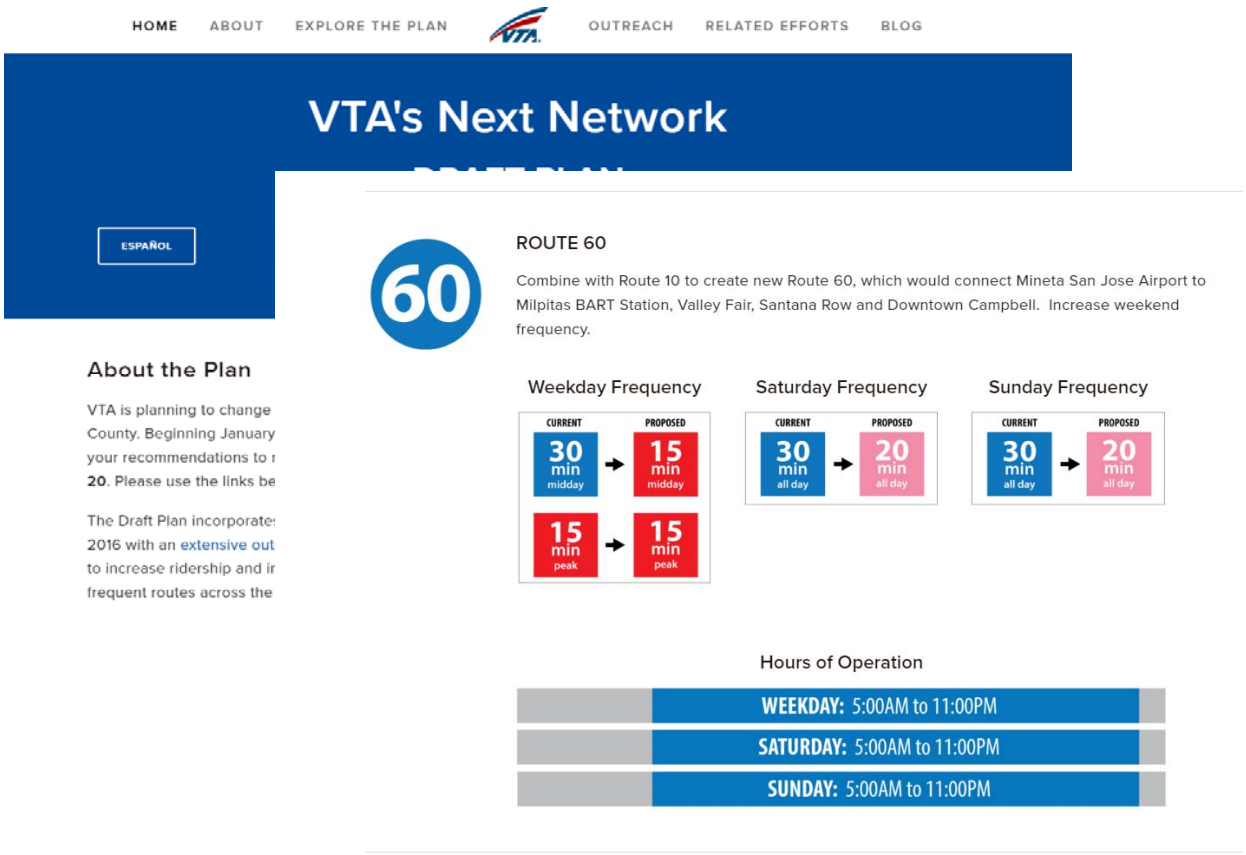
Project Schedule

Summer 2016	Outreach: How can we make transit better?
November 2016	Board Direction for 85/15 Draft Plan
January 2017	Draft Plan Released
Jan/Feb 2017	Outreach: How can we make the draft plan better?
	Comment deadline: February 20th
March 2017	VTA Committee Review of Final Plan
April 2017	Board Approval of Final Plan
Fall 2017	Service Change Implemented

Solutions that move you

nextnetwork.vta.org

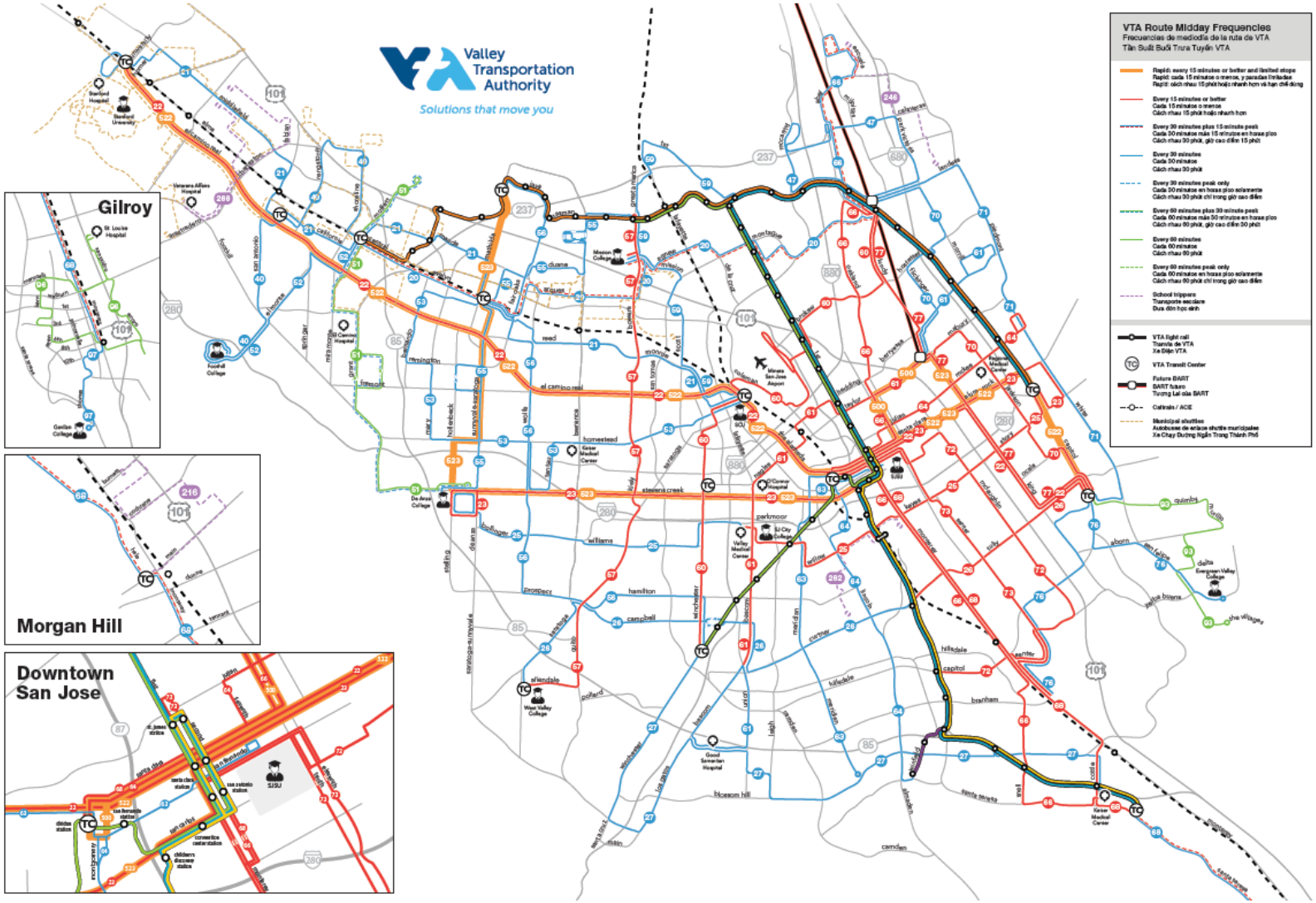
project website



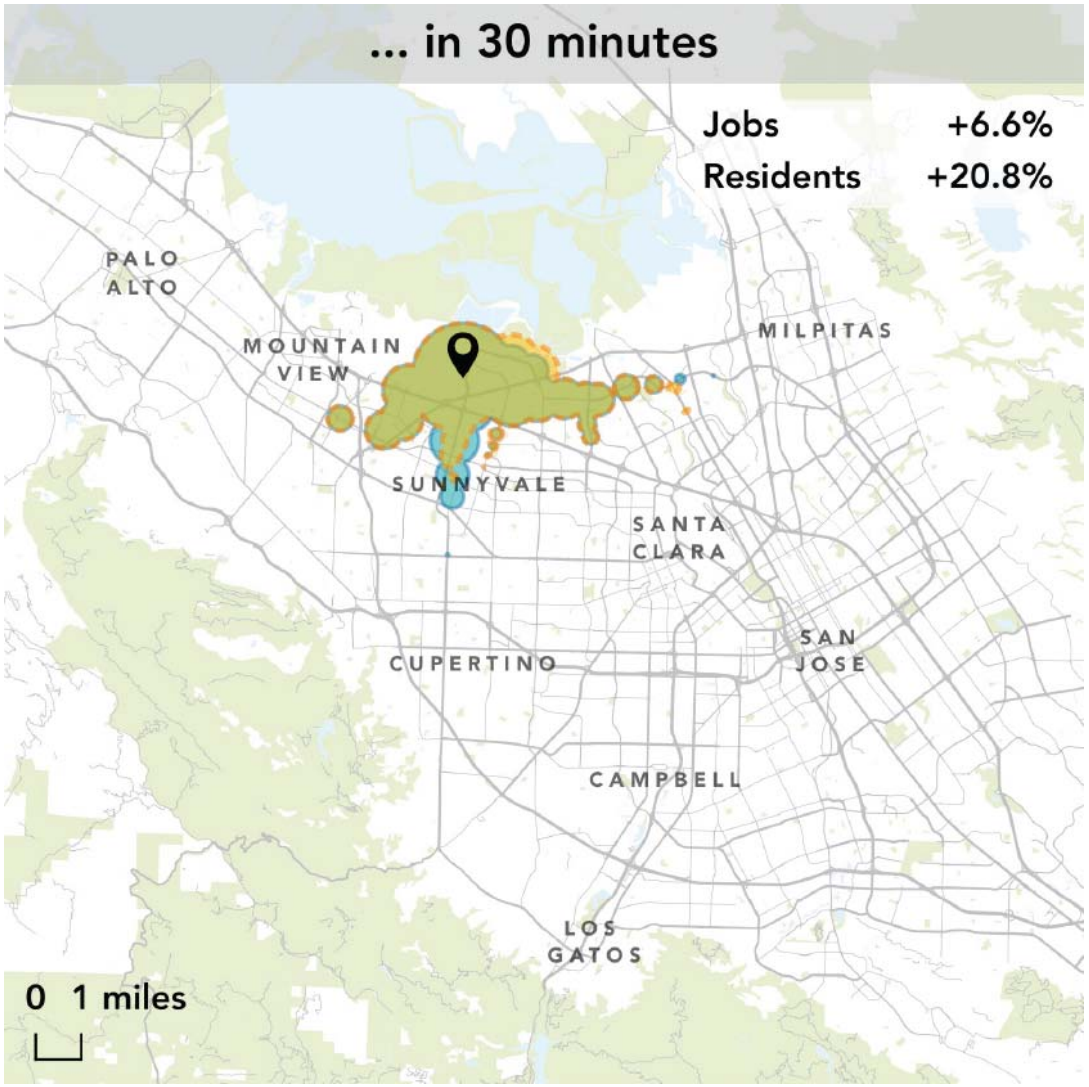
Solutions that move you

Questions

Proposed Transit Network



Solutions that move you



Lockheed Martin Transit Center

Transit/walking access in 30 minutes

8:00 AM

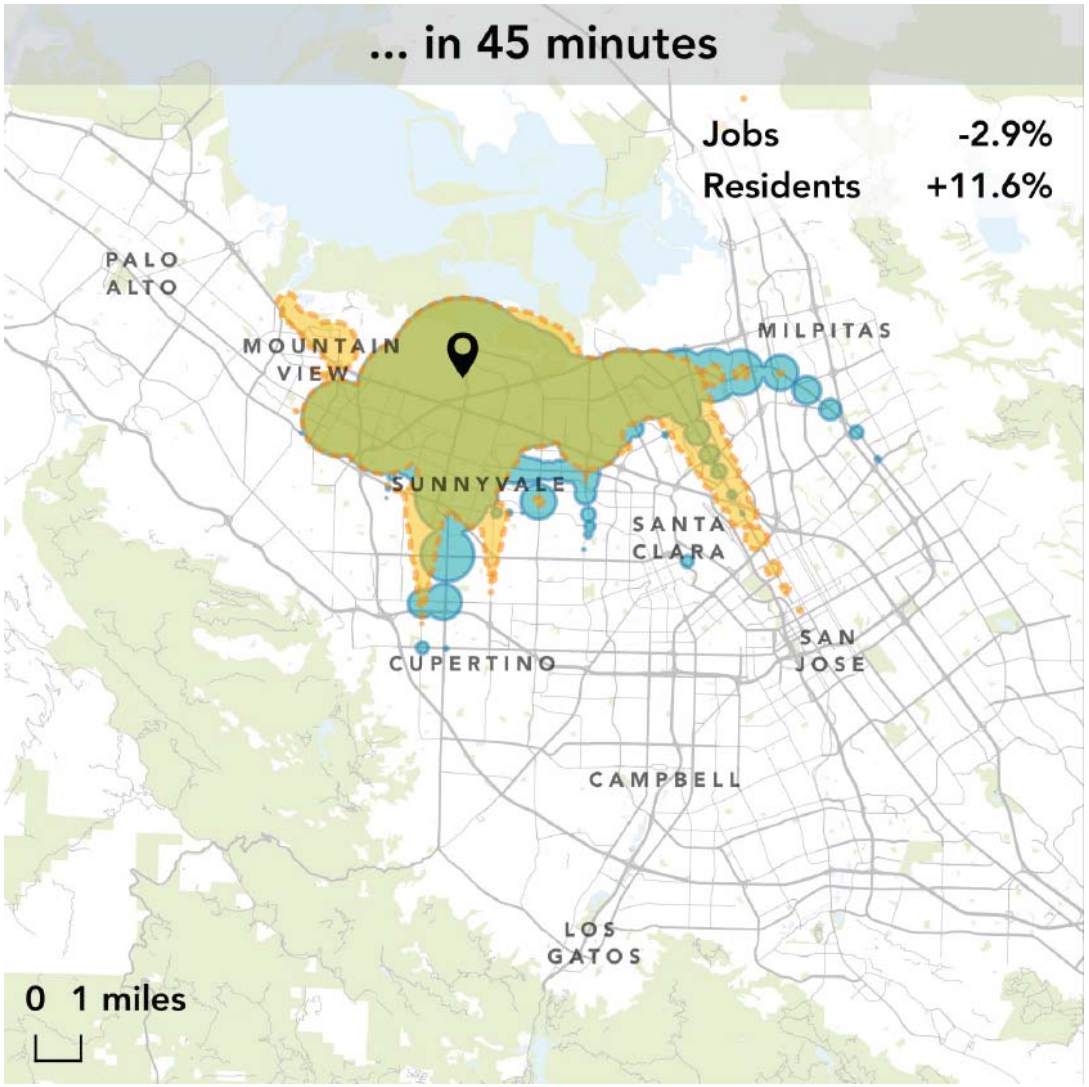
+2,900 Jobs	+6.6%
+7,300 Residents	+20.8%

Access lost

Access gained

No change in access

Solutions that move you



Lockheed Martin Transit Center

Transit/walking access in 45 minutes

8:00 AM

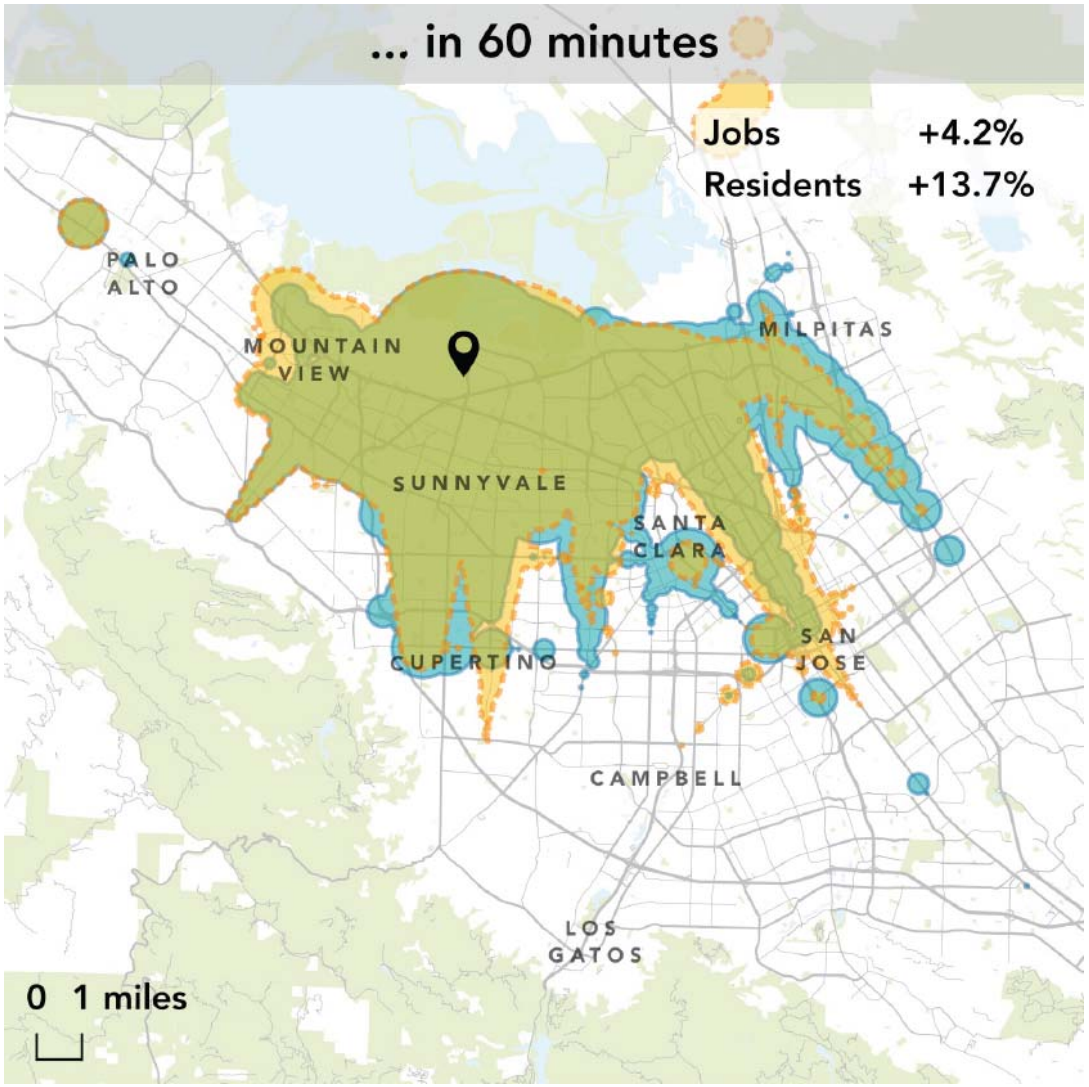
-4,900 Jobs	-2.9%
+17,000 Residents	+11.6%

Access lost

Access gained

No change in access

Solutions that move you



Lockheed Martin Transit Center

Transit/walking access in 60 minutes

8:00 AM

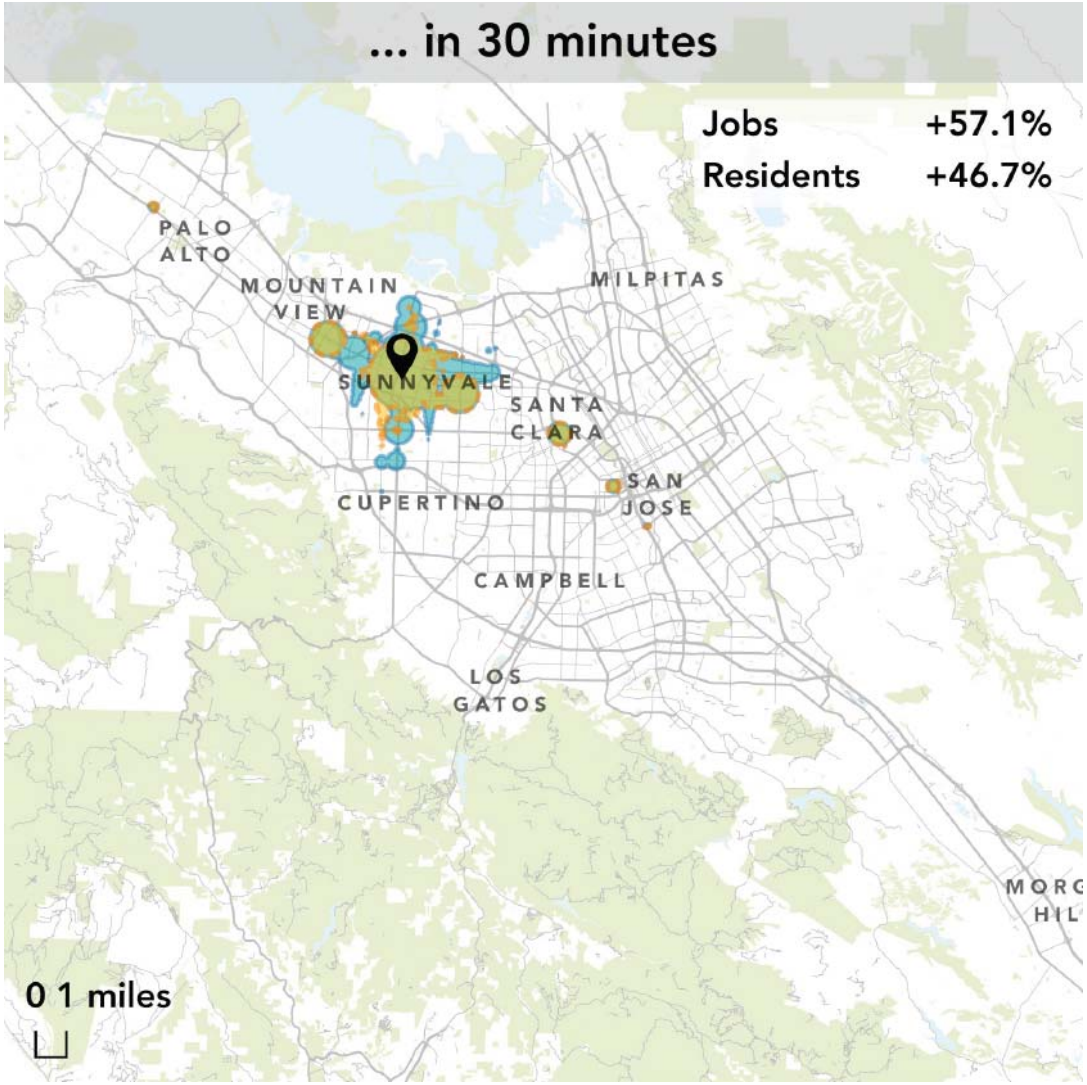
+17,200 Jobs	+4.2%
+53,400 Residents	+13.7%

Access lost

Access gained

No change in access

Solutions that move you



Downtown Sunnyvale

Transit/walking access in 30 minutes

8:00 AM

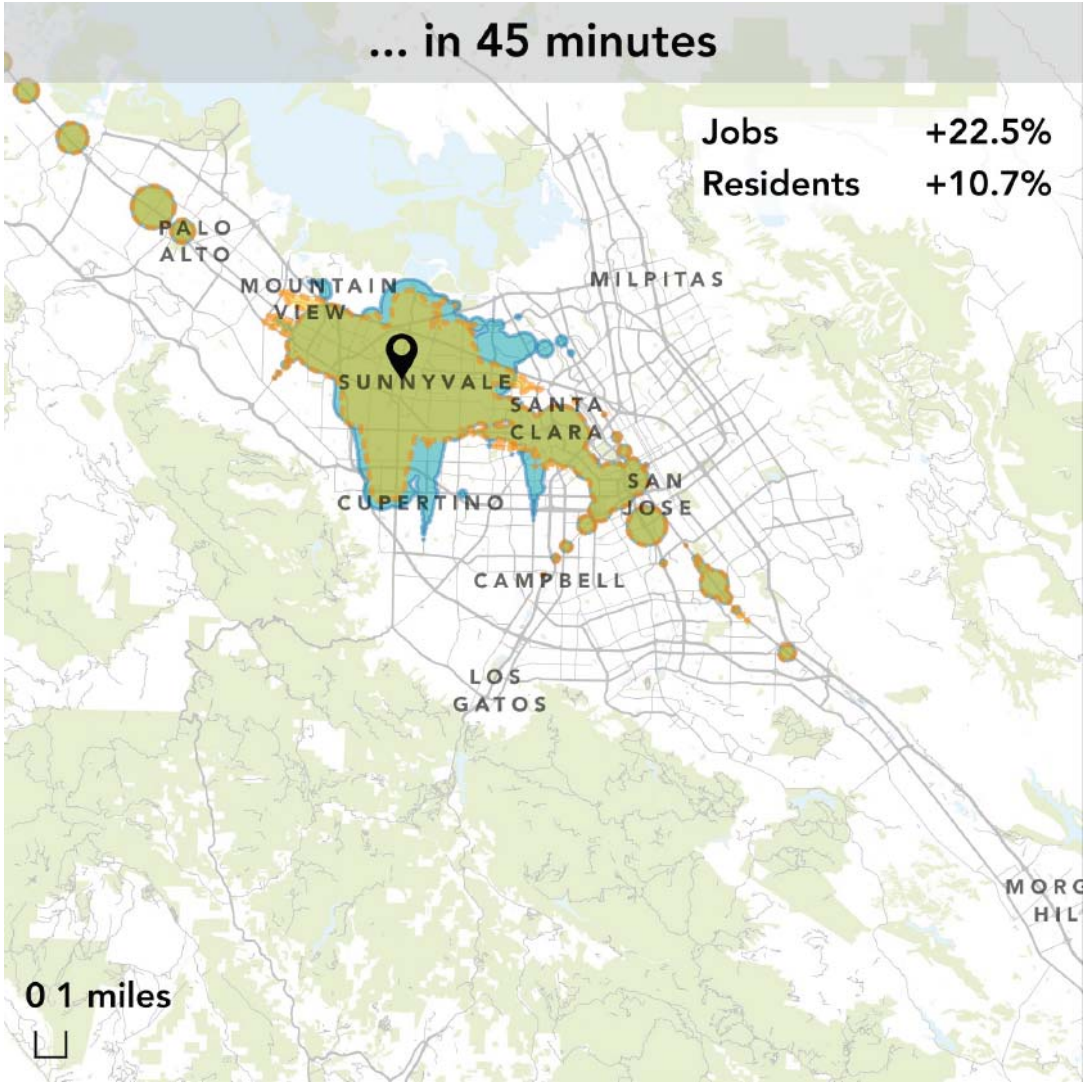
+25,200 Jobs	+57.1%
+31,600 Residents	+46.7%

Access lost

Access gained

No change in access

Solutions that move you



Downtown Sunnyvale

Transit/walking access in 45 minutes

8:00 AM

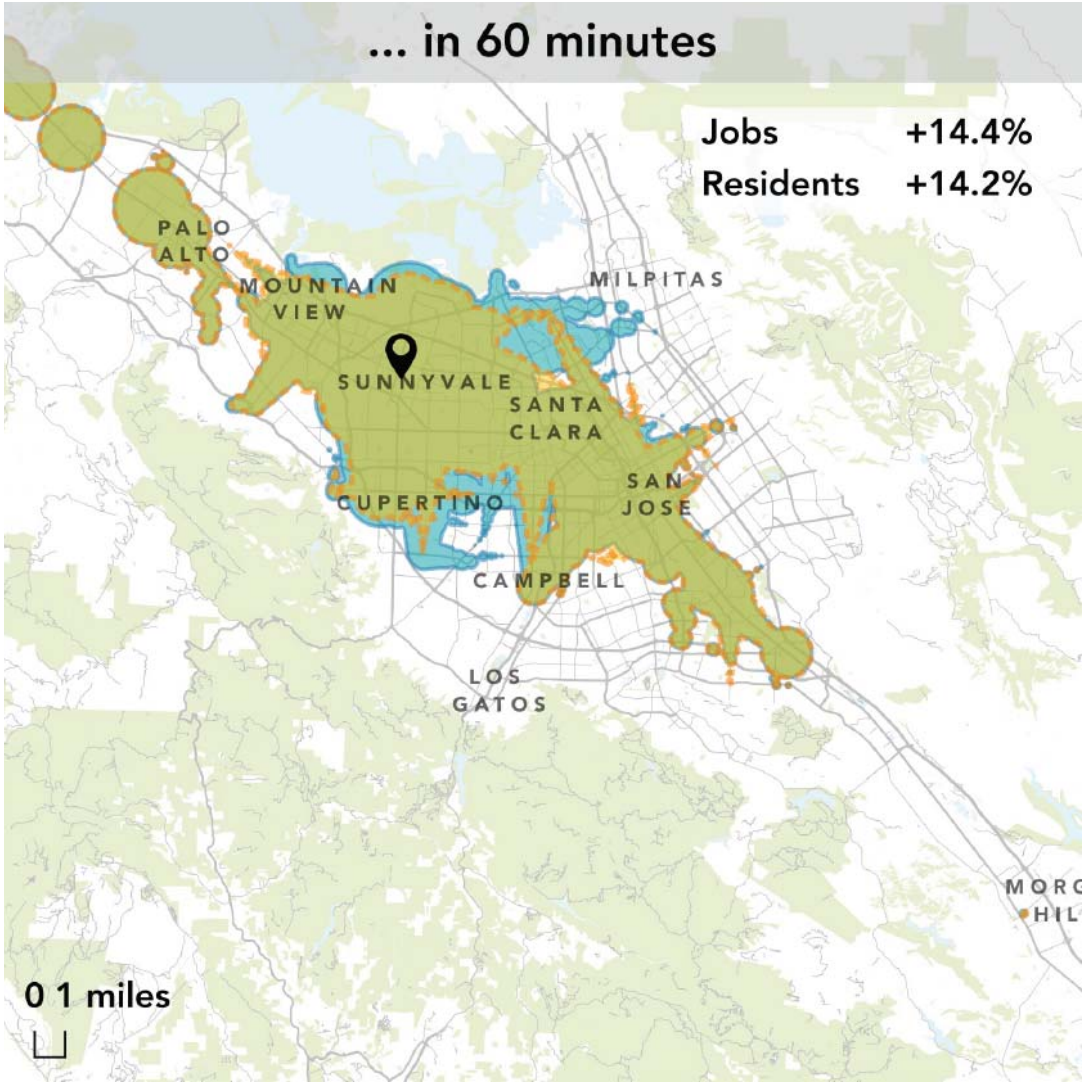
+47,300 Jobs	+22.5%
+33,100 Residents	+10.7%

Access lost

Access gained

No change in access

Solutions that move you



Downtown Sunnyvale

Transit/walking access in 60 minutes

8:00 AM

+73,800 Jobs	+14.4%
+98,900 Residents	+14.2%

Access lost

Access gained

No change in access

Solutions that move you