

All About BUS RAPID TRANSIT

Adam Burger
VTA



THE BUS IS SLOW



8.7

MPH

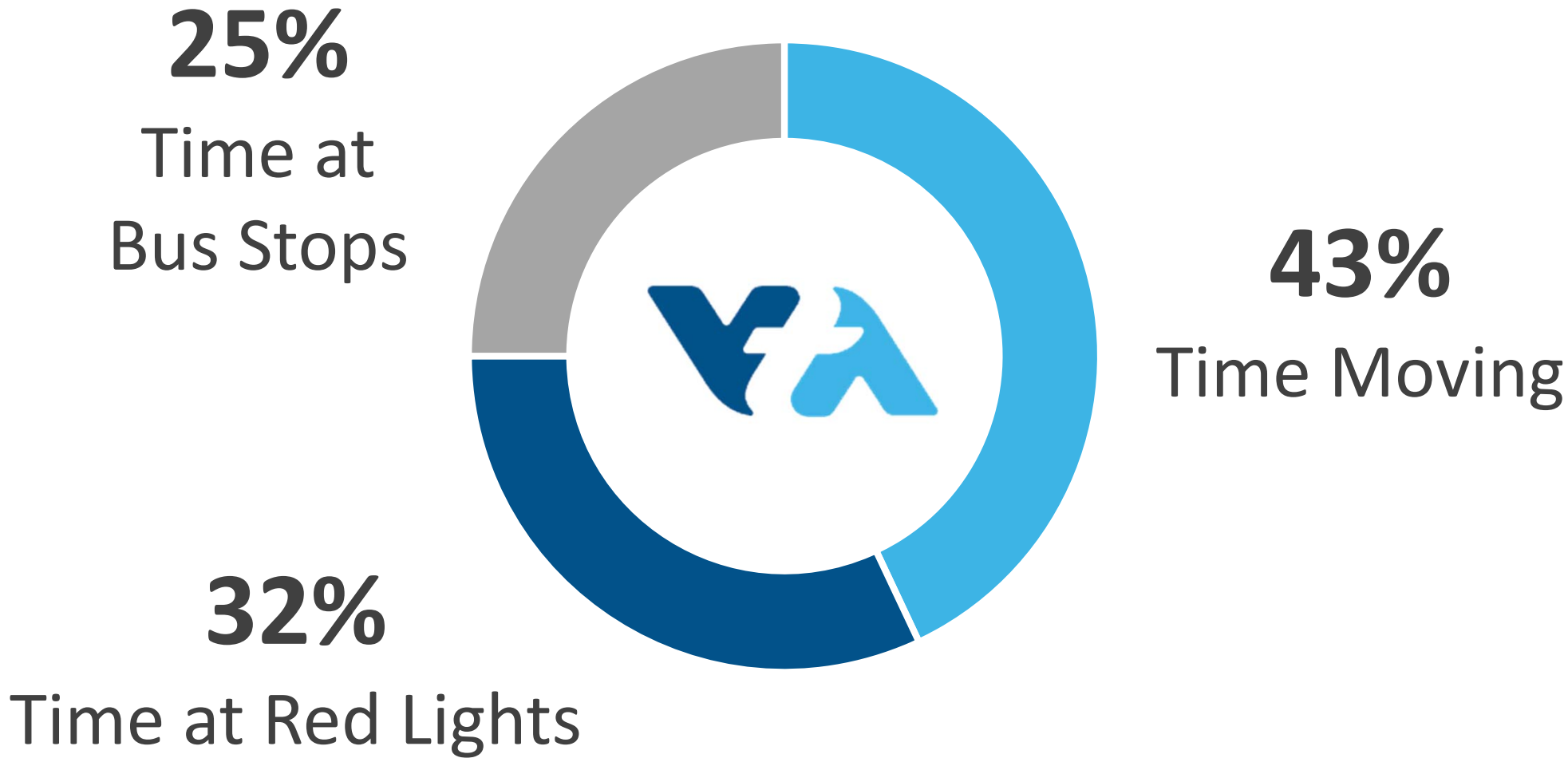


8.7
MPH

<



9.0
MPH



25%

Time at
Bus Stops

43%

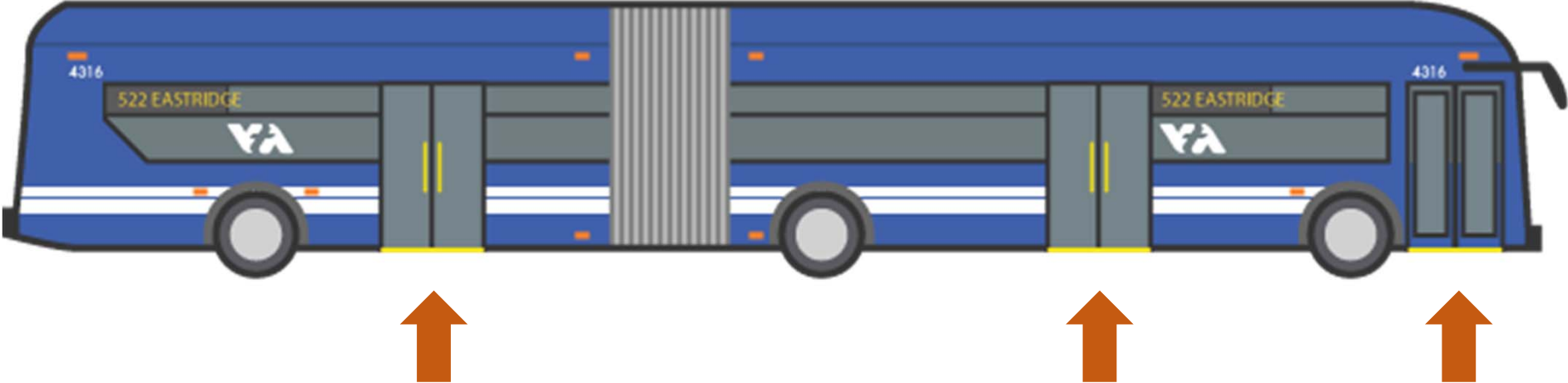
Time Moving

32%

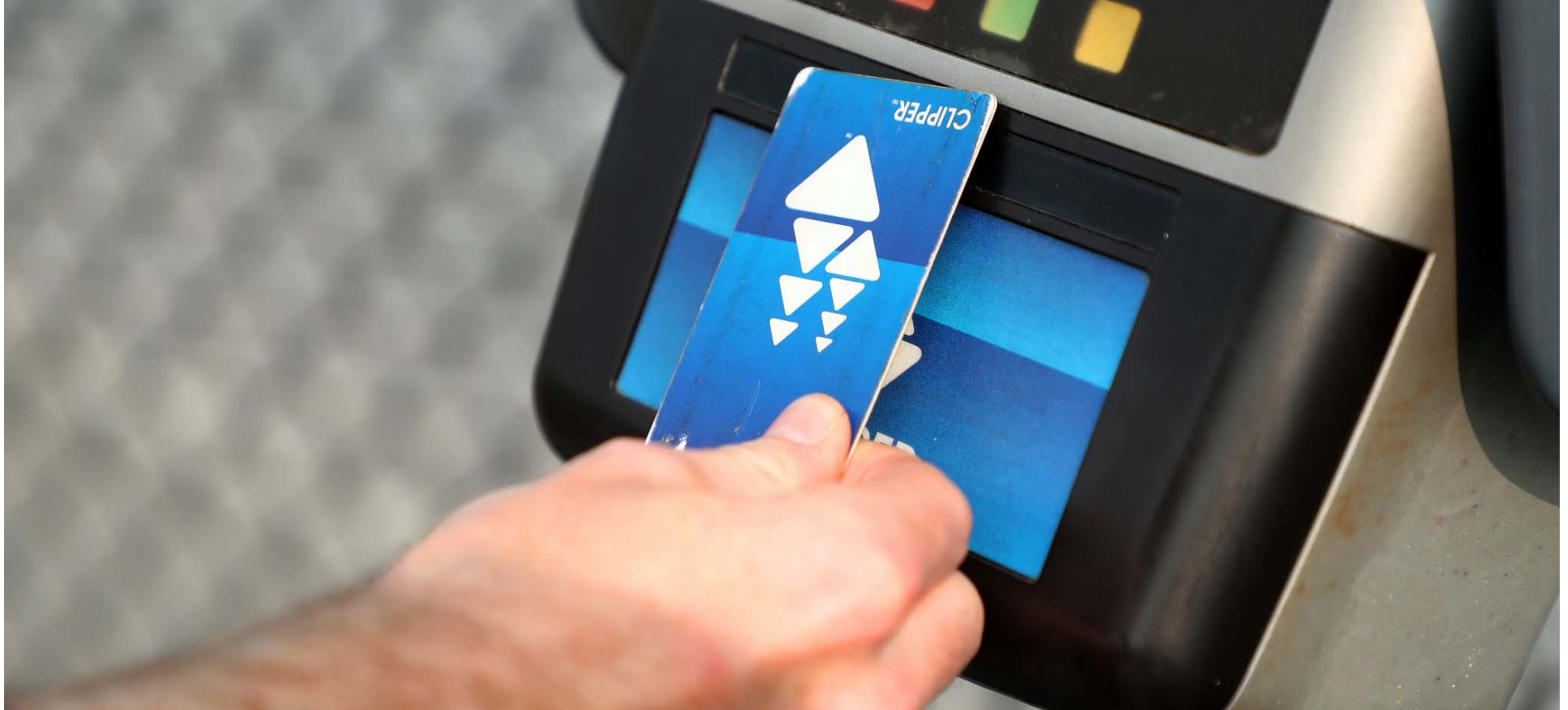
Time at Red Lights

WHAT IS BRT?
(BUS +)

BRT Strategy: All-Door Boarding



BRT Strategy: Off-Board Payment



BRT Strategy: Signal Priority



Holds greens for approaching buses

Shortens reds when bus is waiting

BRT Strategy: Wide Stop Spacing

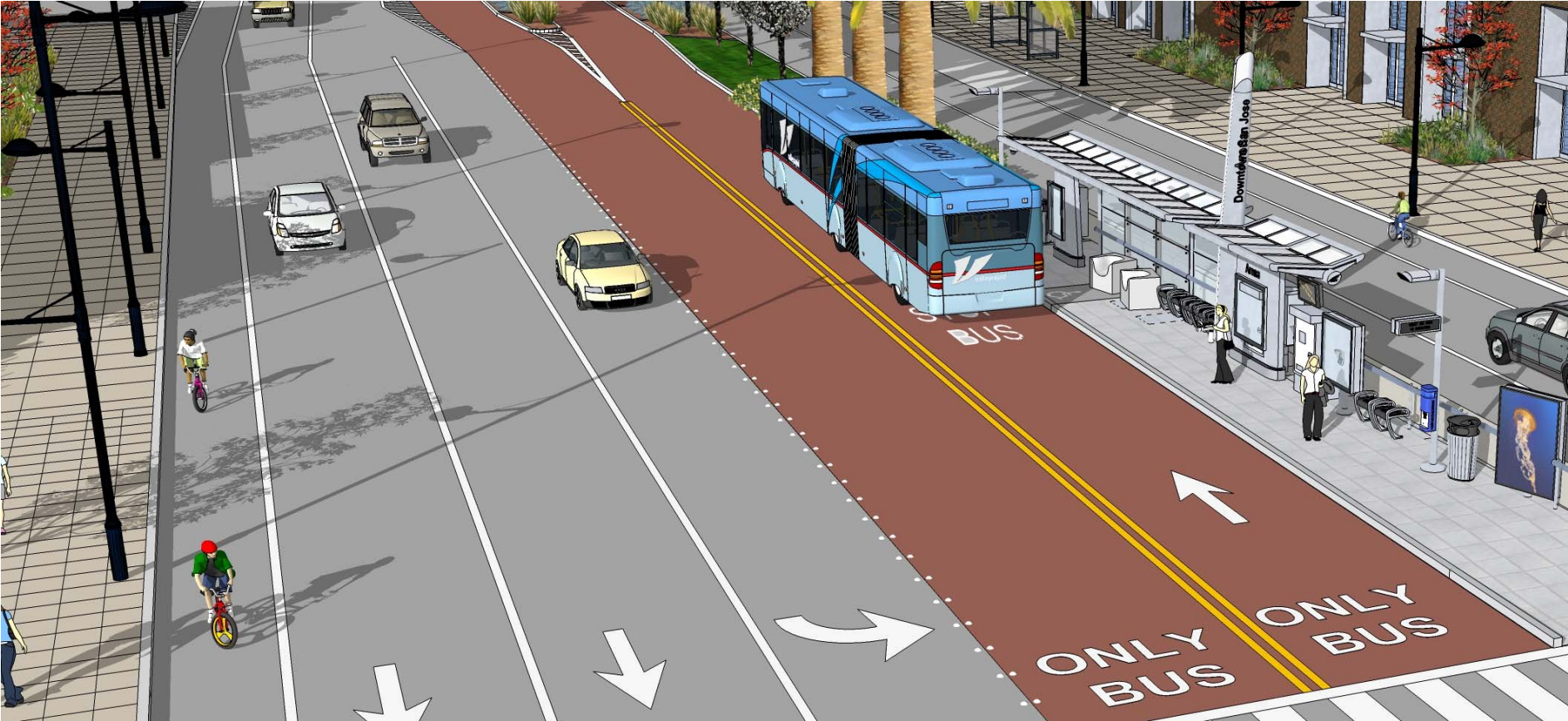
Local Stop Spacing (1/3 Mile)



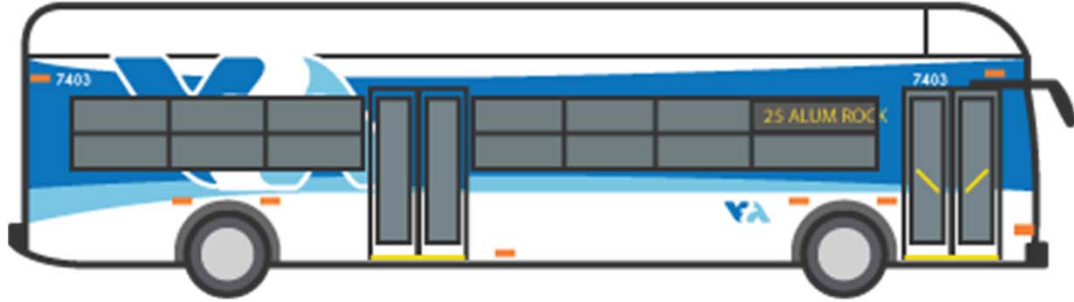
BRT Stop Spacing (~1 Mile)



BRT Strategy: Bus-Only Lanes

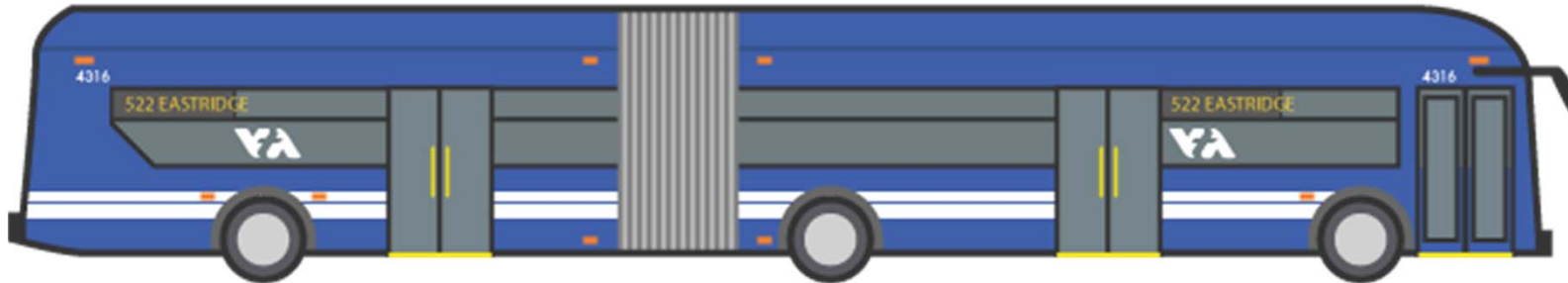


BRT Strategy: Unique Branding



Standard
VTA Bus

This Bus is Different!





Alum Rock



Hybrid

metroPICO
CUBRIDIO
de las personas

**WHAT DOES BRT
LOOK LIKE?**



San Jose, CA

CARRIL EXCLUSIVO
METROBUS
↓

Prohibido bicicletas
Prohibido motocicletas

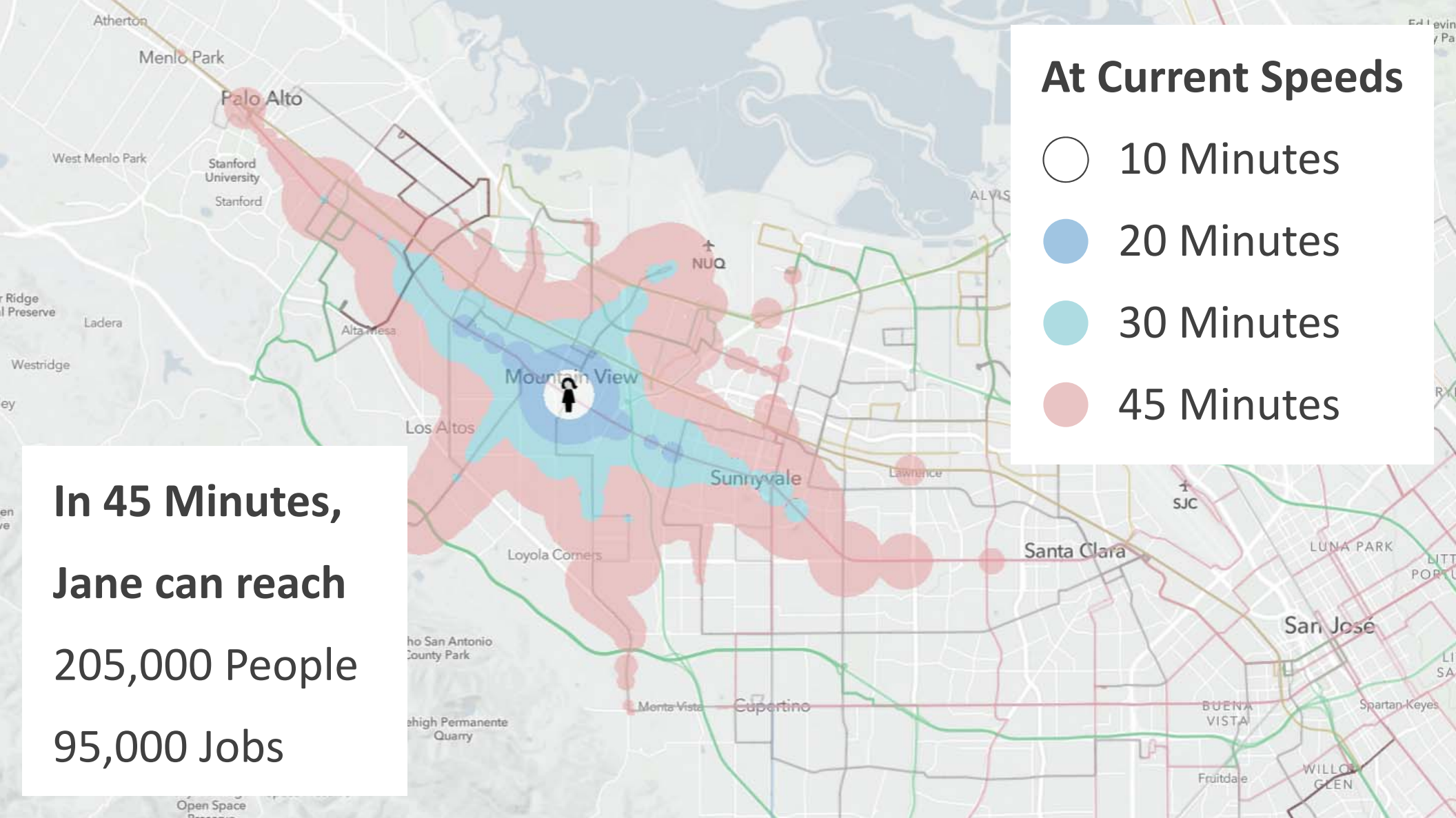


Mexico City



**WHY SHOULD
YOU CARE?**

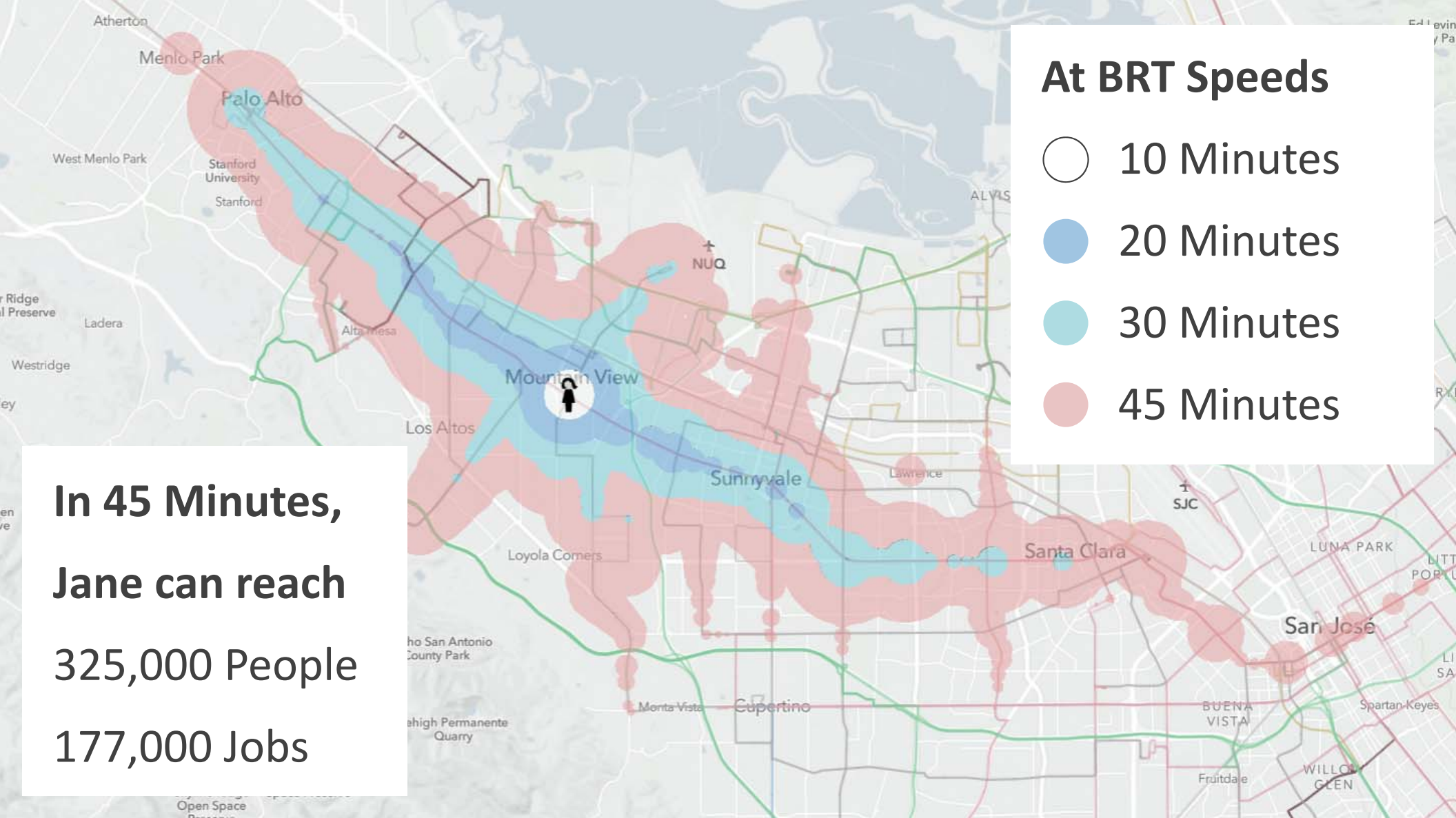
FAST TRANSIT IS GOOD



At Current Speeds

- 10 Minutes
- 20 Minutes
- 30 Minutes
- 45 Minutes

**In 45 Minutes,
Jane can reach
205,000 People
95,000 Jobs**



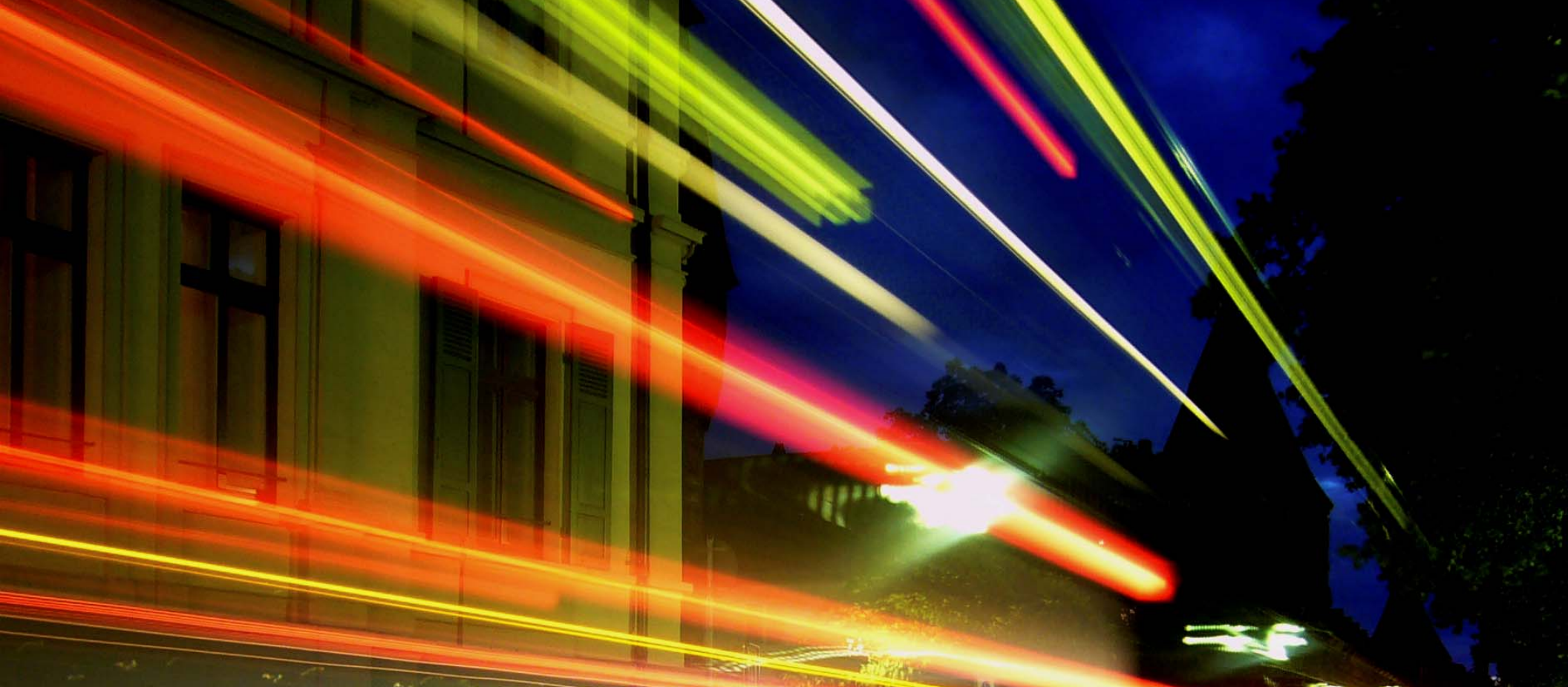
At BRT Speeds

- 10 Minutes
- 20 Minutes
- 30 Minutes
- 45 Minutes

**In 45 Minutes,
Jane can reach
325,000 People
177,000 Jobs**

PEOPLE LIKE FAST TRANSIT





FAST TRANSIT CAUSES FREQUENT TRANSIT



HELPS AFFORDABILITY & EQUITY



SUPPORTS CLIMATE ACTION PLANS



ACHIEVES CITY MODE SHIFT GOALS



**SO WE SHOULD
BUILD BRT
EVERYWHERE?**

Where/When is BRT Appropriate?

- In transit-supportive, walkable corridors
- Where service is frequent, ridership high
- As part of a complete street transformation
- When desired by the community