AC TRANSIT FLEX

THE FUTURE OR FOLLY?

USING ON-DEMAND TRANSIT TO BUILD A FREQUENT CORE NETWORK

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WHAT IS AC TRANSIT FLEX?

On-demand public transit launched in July 2016

Operated on AC Transit vehicles by AC Transit operators

Targeted as **cost neutral** replacement of fixed-route service in **low-density** areas



WHAT IS AC TRANSIT FLEX?

2



BOOK YOUR TRIP ON-DEMAND OR IN ADVANCE

CONFIRM YOUR 10-MINUTE PICKUP WINDOW

- 1a WE'LL SEND YOU A PICKUP ETA WHEN YOUR BUS IS ON THE WAY
- 1b TRAVEL TO BUS STOP
- 1c TRACK YOUR BUS WHILE WAITING AT INTERSECTION

SHARE YOUR RIDE AS OTHER PASSENGERS GET PICKED UP AND DROPPED OFF

BOARD BUS AND PAY WITH CASH, CLIPPER, OR PASS

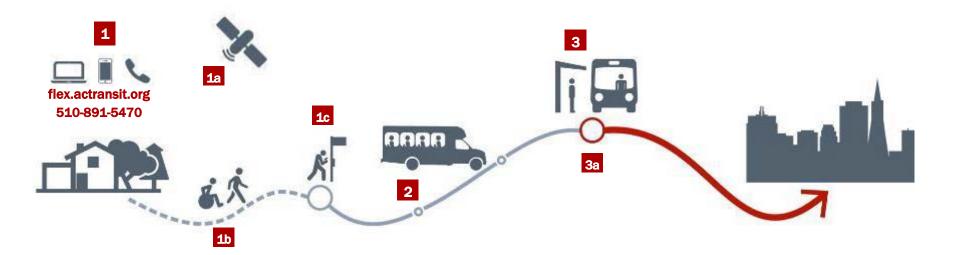


ARRIVE AT DROP-OFF POINT AND WALK TO DESTINATION

TRANSFER AT BART FOR DESTINATIONS IN THE EAST BAY AND SAN FRANCISCO

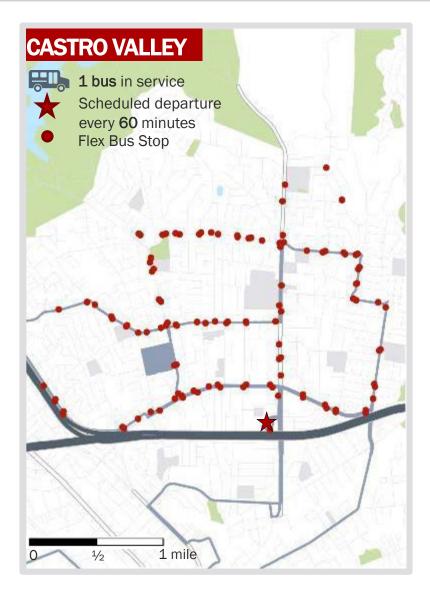
3a ON YOUR RETURN, BOARD FLEX AT BART EVERY 30 MINUTES WITHOUT RESERVATION

> *RESERVATIONS CAN ALSO BE MADE IN ADVANCE, OR ON A SUBSCRIPTION BASIS





WHERE IS AC TRANSIT FLEX?



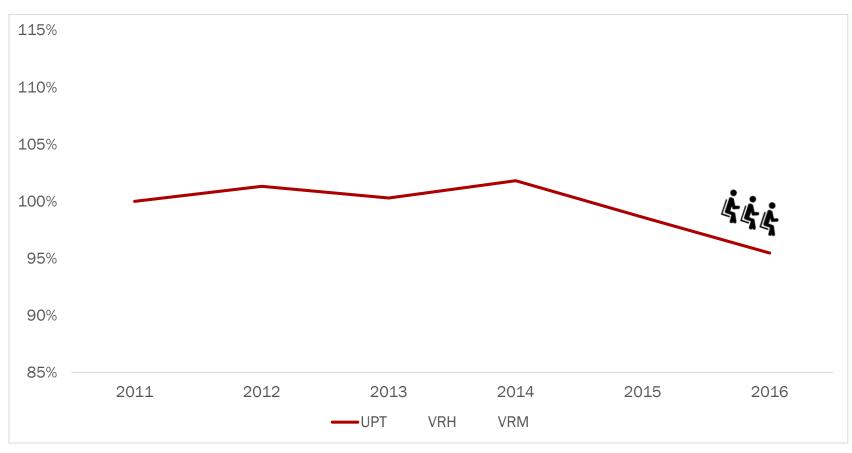




In sufficiently **low-density** areas, could **on-demand** transit improve service quality at an **equal** or **reduced cost**, freeing up resources that could be invested in a **higher-frequency fixed-route network**?



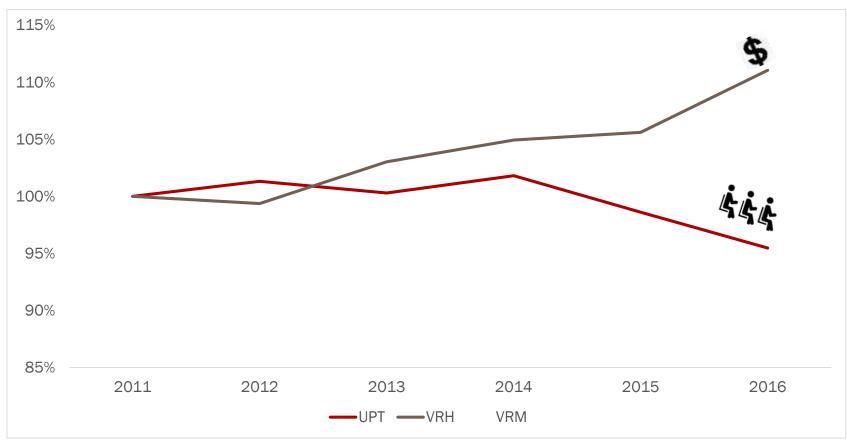
Ridership down 6% since 2014



AC TRANSIT SERVICE SUPPLY AND CONSUMPTION (2011-PRESENT)



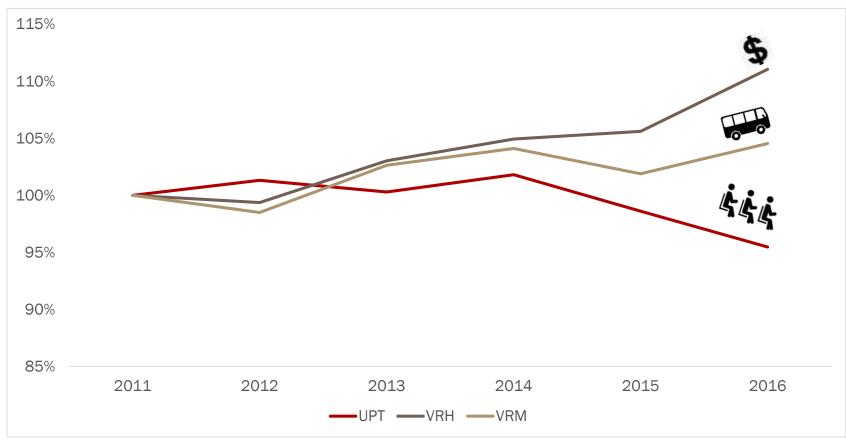
Ridership down 6% since 2014; Revenue hours up 12%



AC TRANSIT SERVICE SUPPLY AND CONSUMPTION (2011-PRESENT)

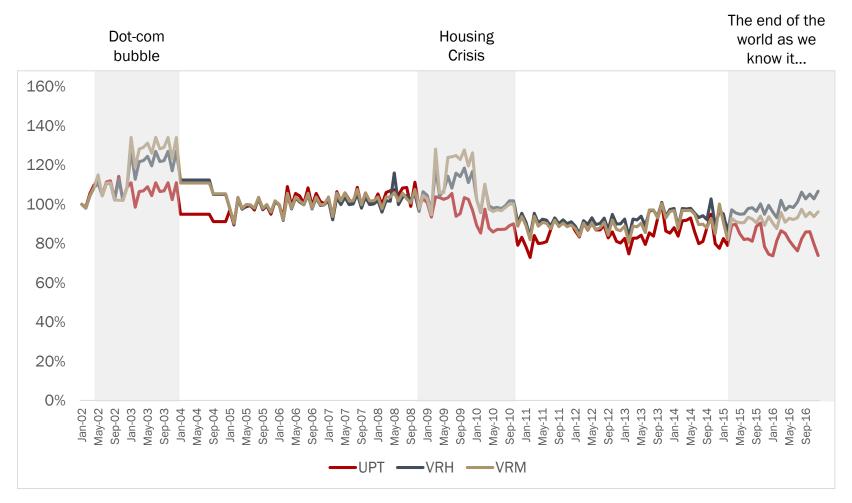


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AC TRANSIT SERVICE SUPPLY AND CONSUMPTION (2011-PRESENT)



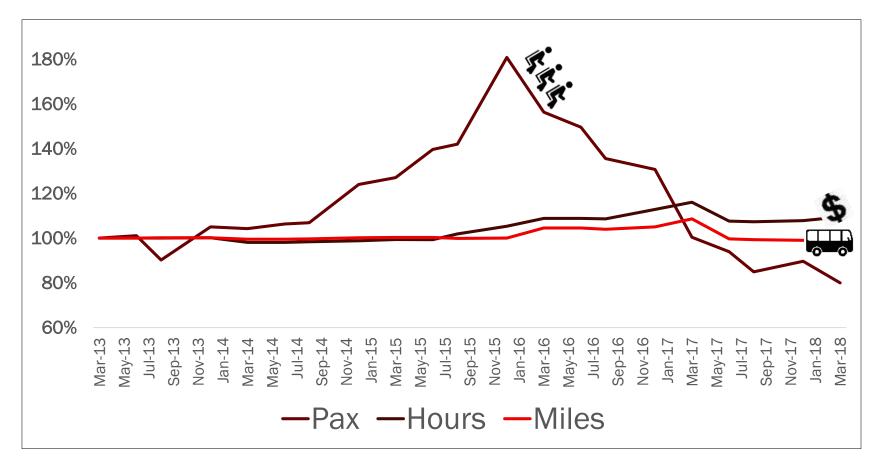


AC TRANSIT SERVICE SUPPLY AND CONSUMPTION (2002-PRESENT)



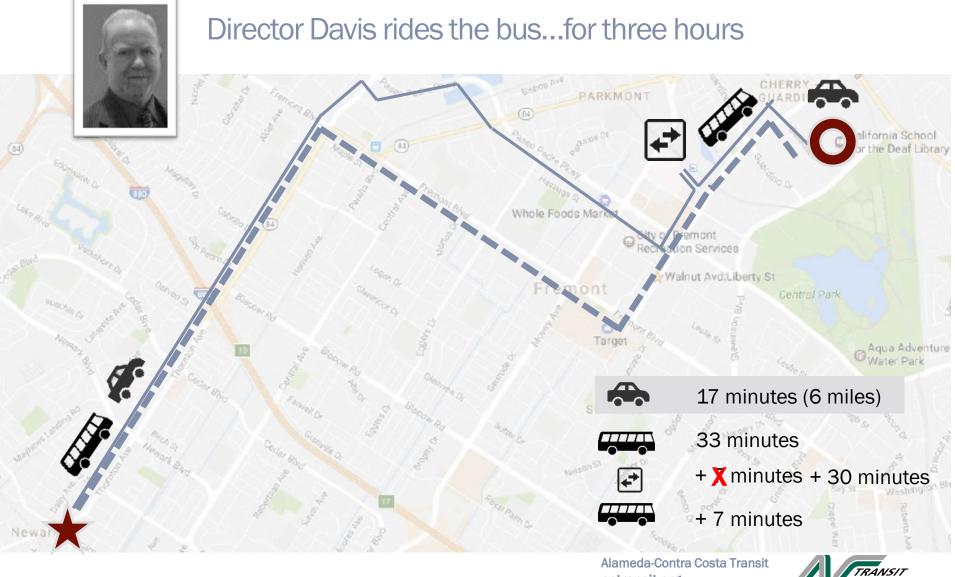


"District 2" Ridership down 20% since 2014, Revenue hours up 10%



AC TRANSIT SERVICE SUPPLY AND CONSUMPTION (2011-PRESENT)





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CAN WE DO BETTER HERE...





WHILE RESPONDING TO THIS...



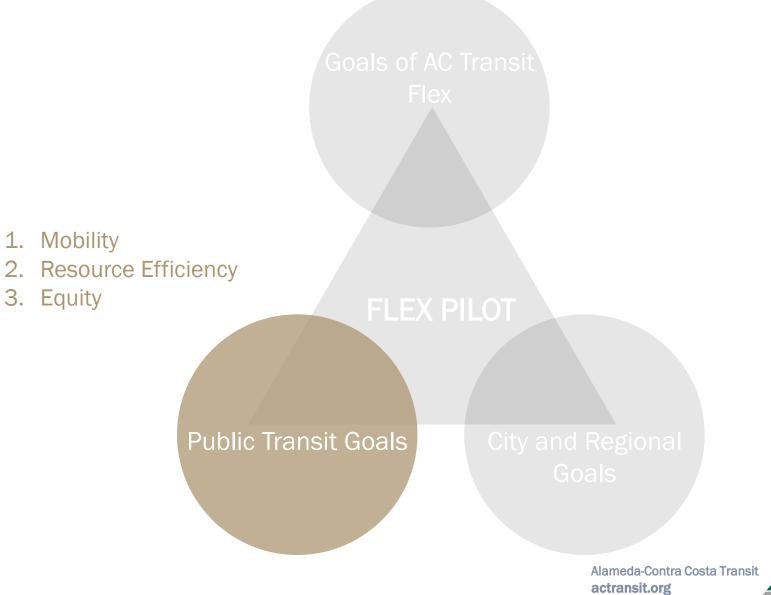


AND STILL SERVE THOSE IN NEED?



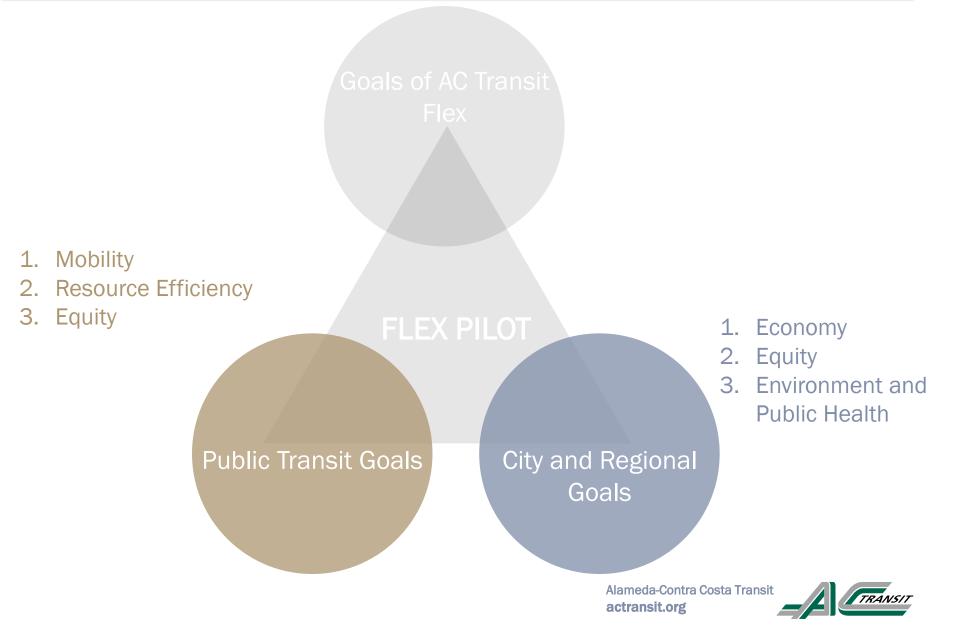


GUIDING PRINCIPLES

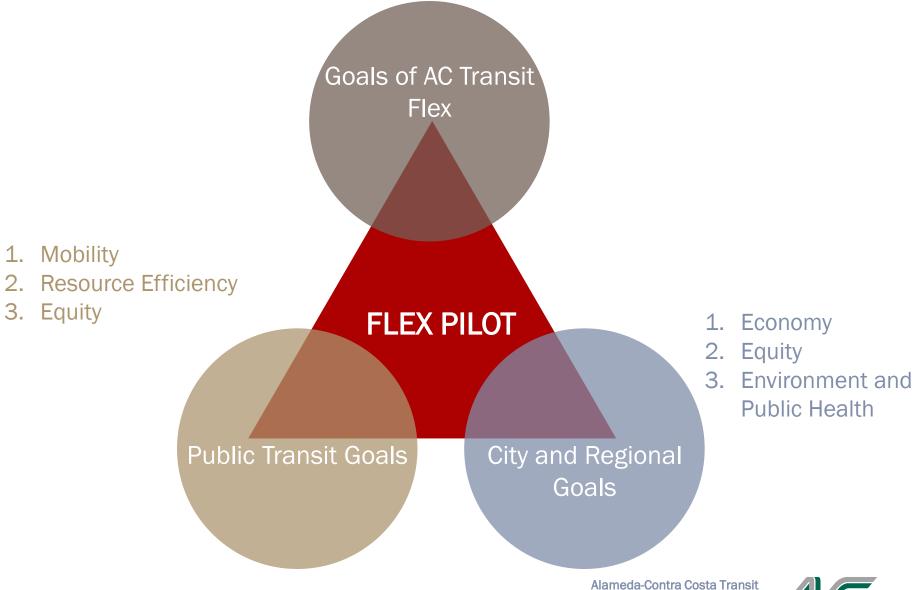




GUIDING PRINCIPLES



GUIDING PRINCIPLES

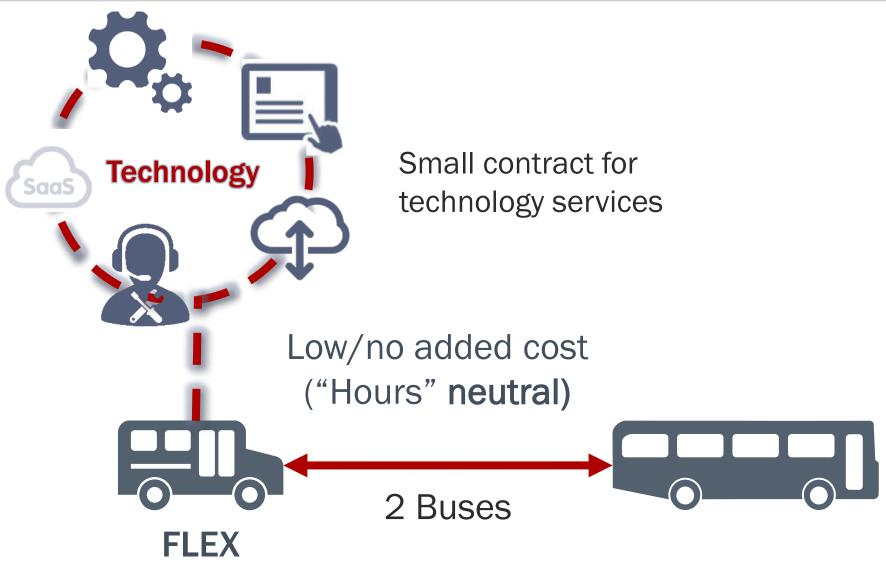




2013	2014	2015		2016	2017		2018
October	September	May	November	July	March	April	March
Mobility Management Task Force							
		Released RFP					
			Contract Award				
			Service F				
			Testing, & Training Flex "Soft"				
				Launc	The second se		
				Official Launch & Elimination of Fixed Route			
							Pilot Ends/ Board Decision

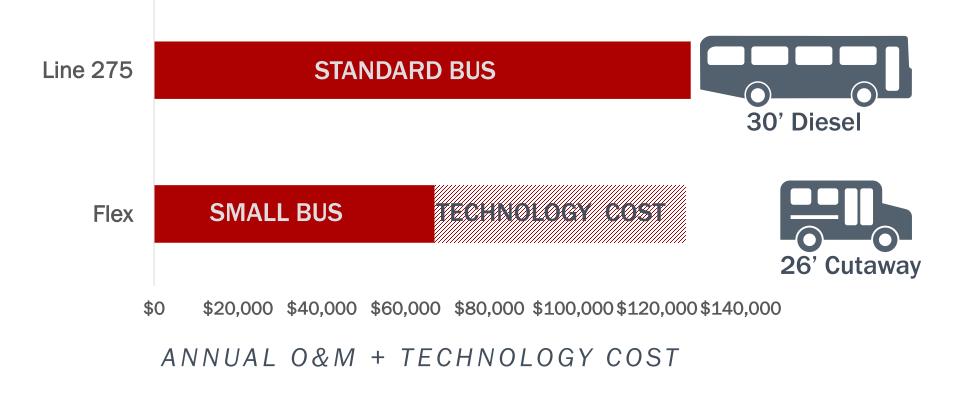


COSTS AND FUNDING



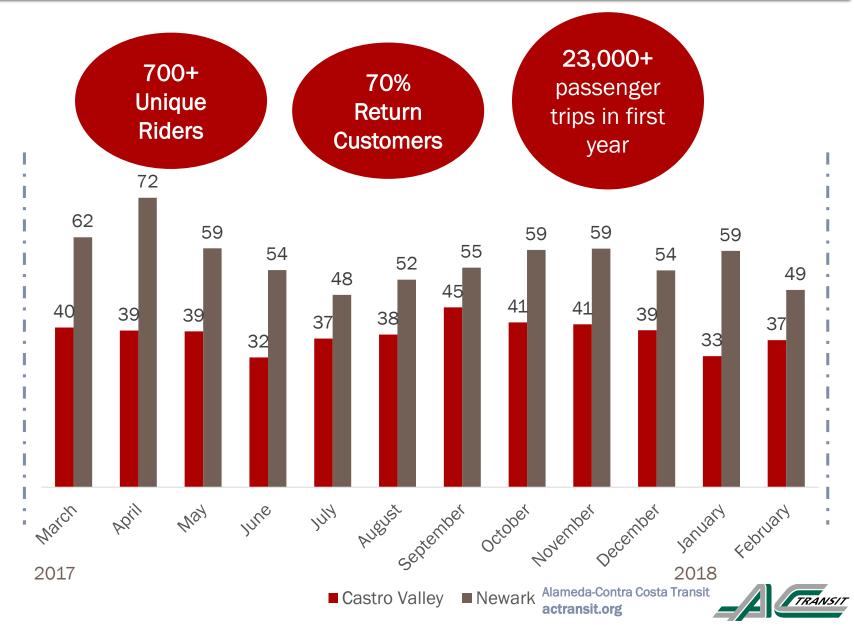


Maintenance and Operating Cost Neutral



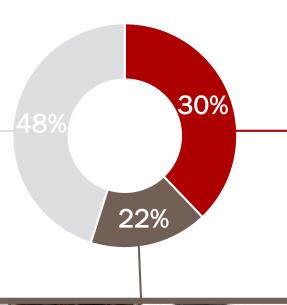






Online Booking



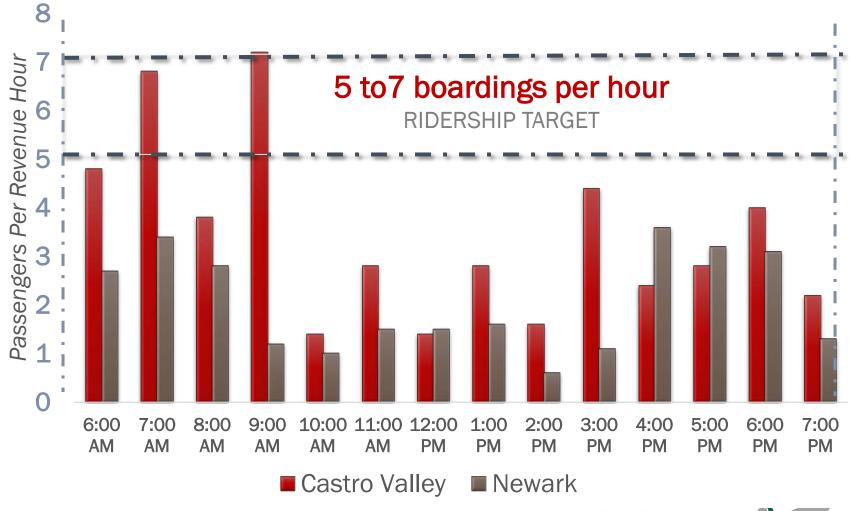


Walk On



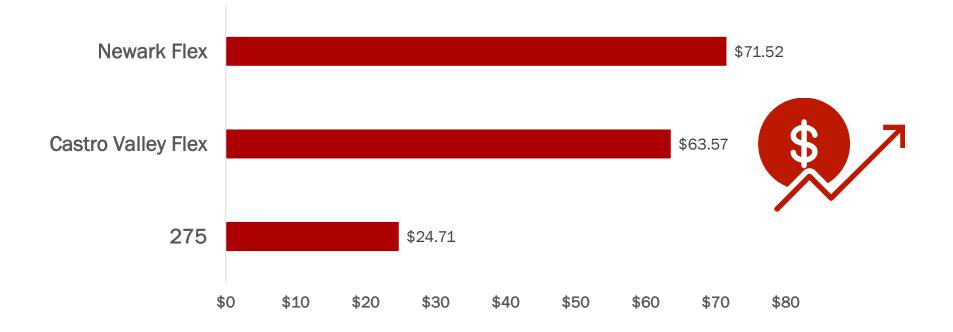
Call Agent Booking







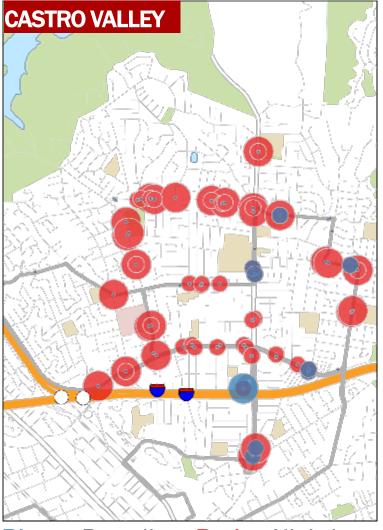
AVERAGE SUBSIDY PER PASSENGER TRIP







• 40% of passengers riding from BART are not taking the service to BART



Blue = Boarding, **Red** = Alighting





LESSONS LEARNED



Reservation-less + Scheduled + On-demand trips boost productivity (but lower reliability)



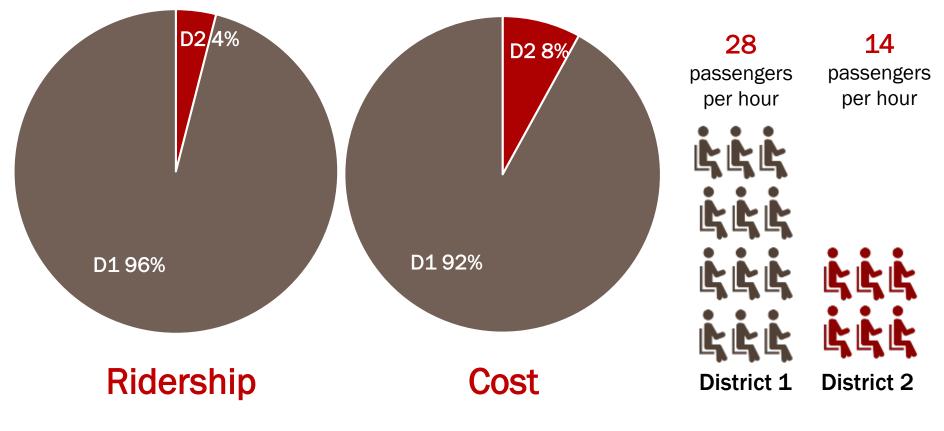
Upper limit of 7 (or 3?) passengers/revenue hour



Technology leads to greater **efficiency** and **on-time performance** (and lots and lots of **headaches**)

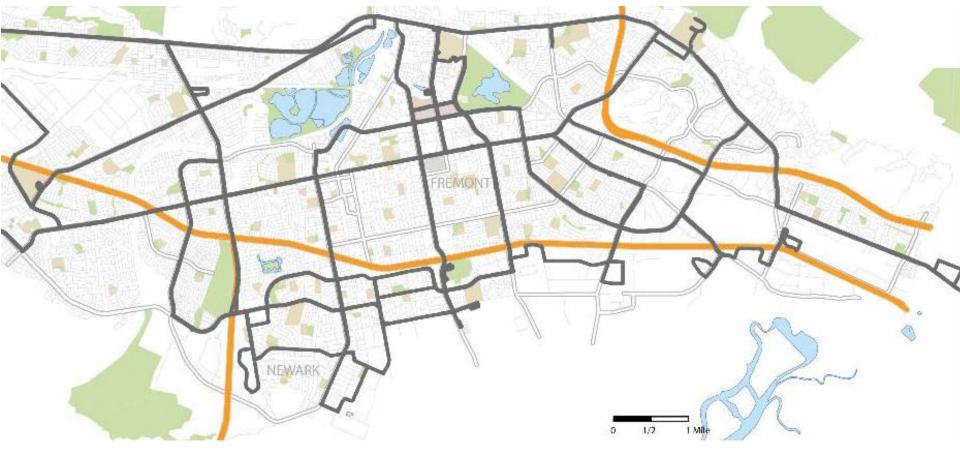


Existing network (District 1 VS District 2)





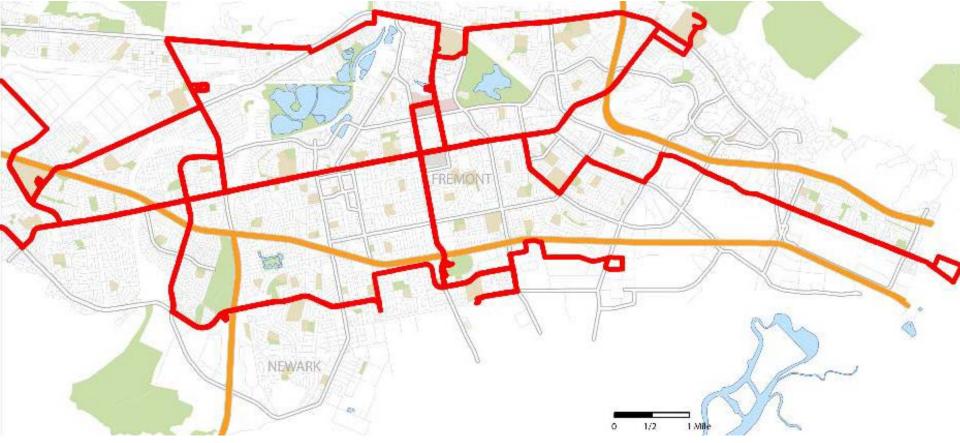
Existing network



6 Hourly Routes + 4 Half-Hourly Routes = 100% Coverage



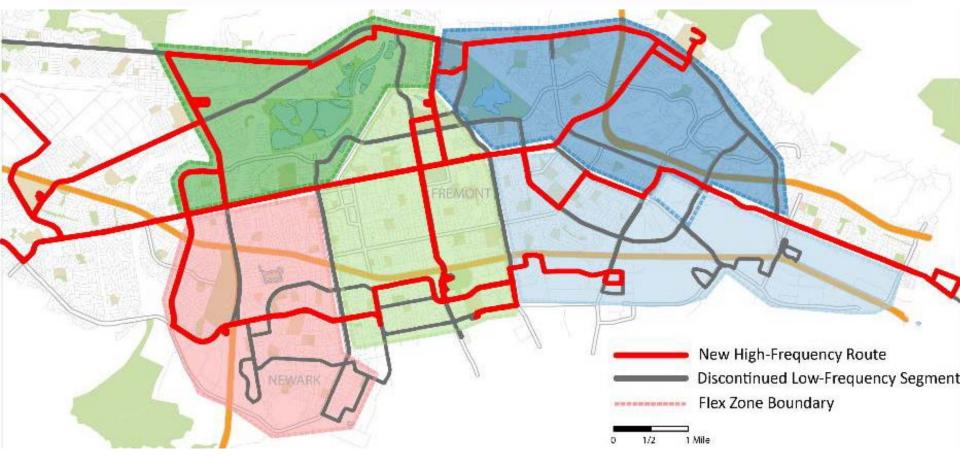
Proposed network



(4) 15-Minute Routes



Proposed network

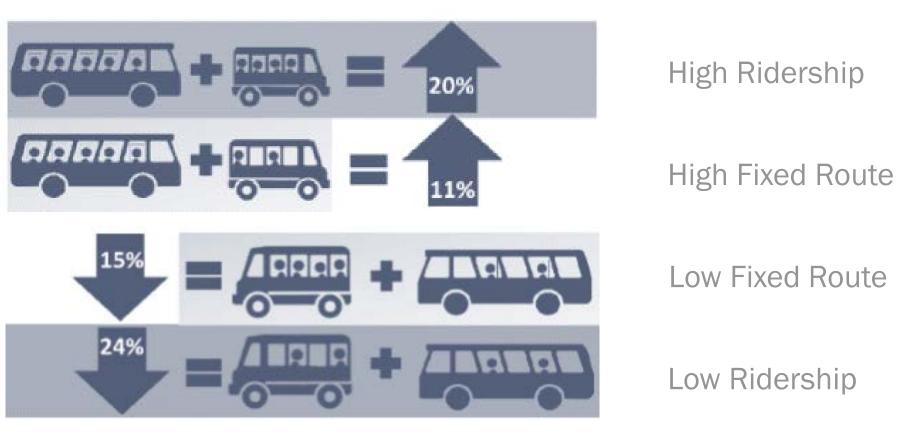


(4) 15-Minute Routes + 5 Flex Zones = 70%-30% Frequent-Coverage



THE FUTURE OF FLEX

→ Will a high frequency + flex network sustain ridership?







THANK YOU!

 Visit www.actransit.org/flex/ or call (510) 891-5470 more information

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