



# ALAMEDA COUNTY TRANSPORTATION COMMISSION

## Promises Made, Promises Kept



A presentation to the California Transportation Commission  
Scott Haggerty, Alameda County Supervisor and Alameda CTC Chair  
Arthur L. Dao, Alameda CTC Executive Director  
October 21, 2015

# Alameda County

- One of 20 Self-Help Counties
- The 7th largest county in the state: 1.6 million people
- Diverse economically
  - Manufacturing sector among most diversified in Northern California
  - Leading national research centers:
    - UC Berkeley
    - Lawrence Berkeley National Lab
    - Lawrence Livermore National Lab
    - Biotech, bioscience
  - Port of Oakland No. 5 busiest port in the U.S.



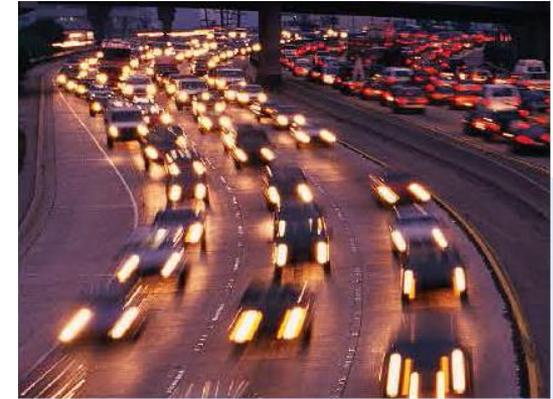
# Alameda County Is a Central Hub: Goods Movement, Transit, Roads



**99%** of containerized cargo from Northern California passes through the Port of Oakland



**20%** of all public transit boardings in the Bay Area are in Alameda County



**37%** of Bay Area workers travel to, from, or through Alameda County

# Proposition 1B Delivers Innovation

## Alameda County Projects

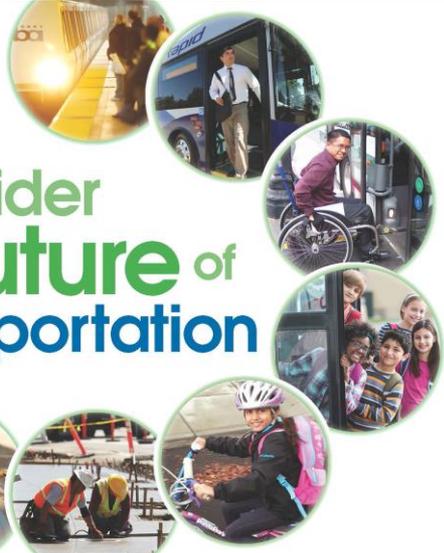
		Total Project Cost (x million)	Total Bond Funds (x million)	Bond Program Type
<b>Highway</b>				
1	I-580 Eastbound HOV Lane - Greenville to Hacienda Corridor	\$146.2	\$72.9	CMIA/RIP
2	I-580 Westbound HOV Lane - Greenville to Foothill Corridor	\$143.9	\$82.3	CMIA
3	I-580/Isabel Interchange	\$123.5	\$45.1	CMIA
4	I-580 Express Lanes	\$54.3	\$0.0	-
5	I-680 Sunol SB HOV/HOT/ Lane and System Integration	\$231.0	\$8.0	STIP
6	Route 84 Expressway Widening Corridor	\$142.0	\$16.1	CMIA
7	I-80 Integrated Corridor Mobility (includes San Pablo TLSP)	\$78.8	\$65.2	CMIA, TLSP
8	I-880 SB HOV Lane Extension - Hegenberger to Marina Corridor	\$114.9	\$82.6	CMIA
9	I-880 North Safety and Operational Improvements at 23rd and 29th Avenues	\$105.8	\$75.0	TCIF/RIP
<b>Sub-total</b>		<b>\$1,140.4</b>	<b>\$447.2</b>	
<b>Transit</b>				
10	BART to Warm Springs	\$767.0	99.1	SLPP
11	BART Oakland Airport Connector	\$484.1	\$20.0	SLPP
<b>Sub-total</b>		<b>\$1,251.1</b>	<b>\$119.1*</b>	
<b>Implemented by Others</b>				
12	I-580 Truck Climbing Lane	\$44.9	\$44.9	TCIF
13	Outer Harbor Intermodal Terminal	\$499.2	\$242.1	TCIF
<b>Sub-total</b>		<b>\$544.1</b>	<b>\$287.0</b>	
<b>Total</b>		<b>\$2,935.6</b>	<b>\$853.4</b>	

\* SLPP Funds: \$36M to Alameda CTC, \$83.1M



## Approved by 70.76% of voters

- Measure BB promises
  - Expand BART, bus and commuter rail for reliable, safe and fast services
  - Keep fares affordable for seniors, youth and people with disabilities
  - Provide traffic relief
  - Improve air quality and provide clean transportation
  - Create good jobs within Alameda County

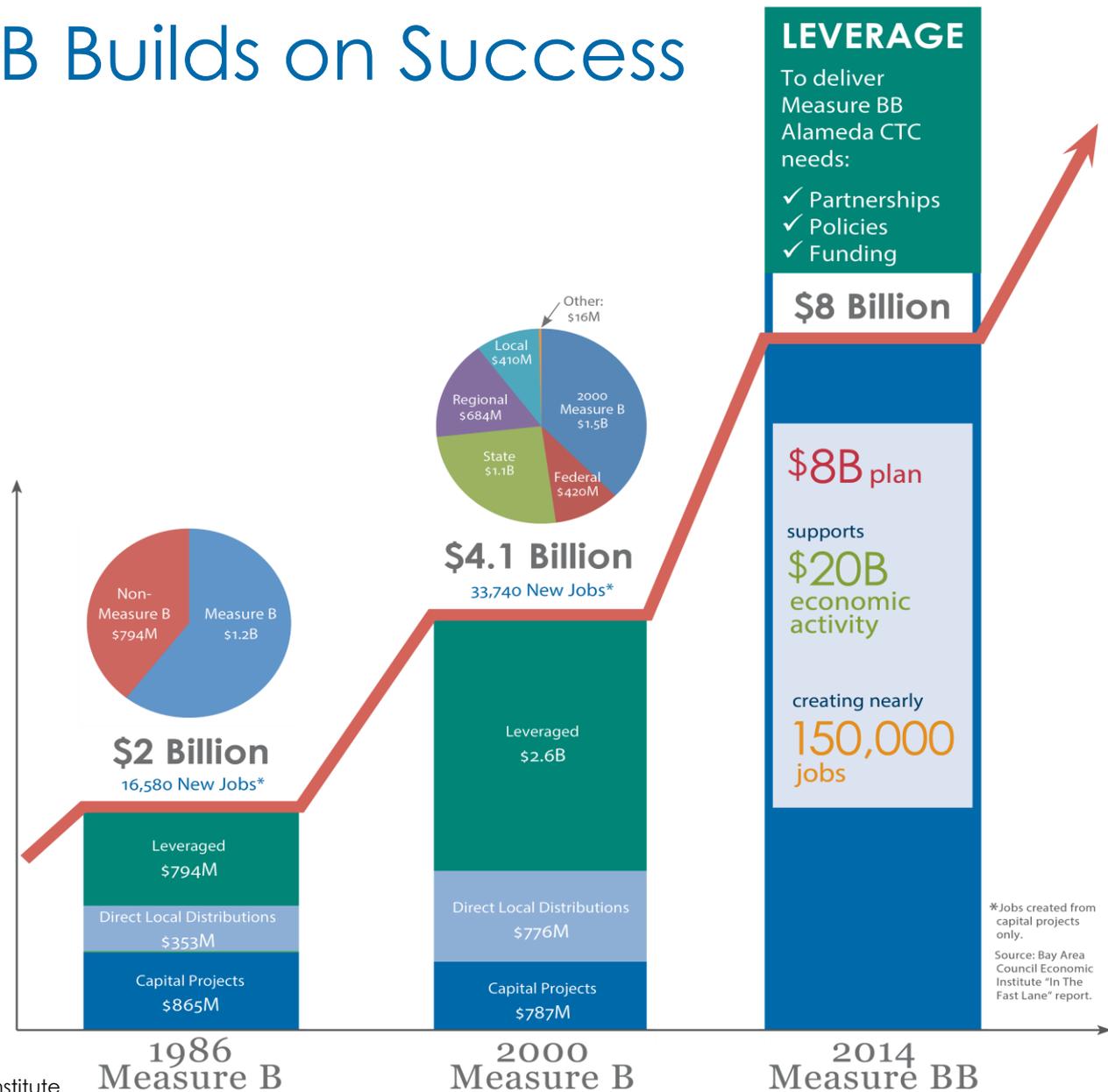


**Consider the Future of Transportation**

**Measure BB on the November 2014 Ballot**

- Improve and expand BART
- Keep transit fares affordable for seniors and people with disabilities
- Increase reliable bus service
- Provide an affordable student transit pass
- Expand safe walking and biking paths
- Repair streets and reduce traffic
- Create good quality local jobs

# Measure BB Builds on Success



\*Jobs created from capital projects only.  
Source: Bay Area Council Economic Institute "In The Fast Lane" report.

\*Source: Bay Area Council Economic Institute

# 1986 Measure B



**Voters approved Measure B, creating the Alameda County Transportation Authority (ACTA)**

- International
  - Improvements to airport access
    - 98th Interchange
- National
  - I-880 freeway improvements
    - Freight movement
    - HOV lanes
- Regional
  - BART stations
    - Castro Valley
    - Dublin/Pleasanton
- Local
  - AC Transit, roads, paratransit

# 2000 Measure B



**Voters approved 2000 Measure B with 81.5% support, creating the Alameda County Transportation Improvement Authority (ACTIA)**

- International
  - Oakland Airport Connector
- National
  - Improvements on national primary freight network
    - I-80, I-238, I-580, I-680, I-880
- Regional
  - Warm Springs Extension (WSX)
  - Express lanes
- Local
  - Roads, transit, paratransit, bicycle, pedestrian

# 2014 Measure BB

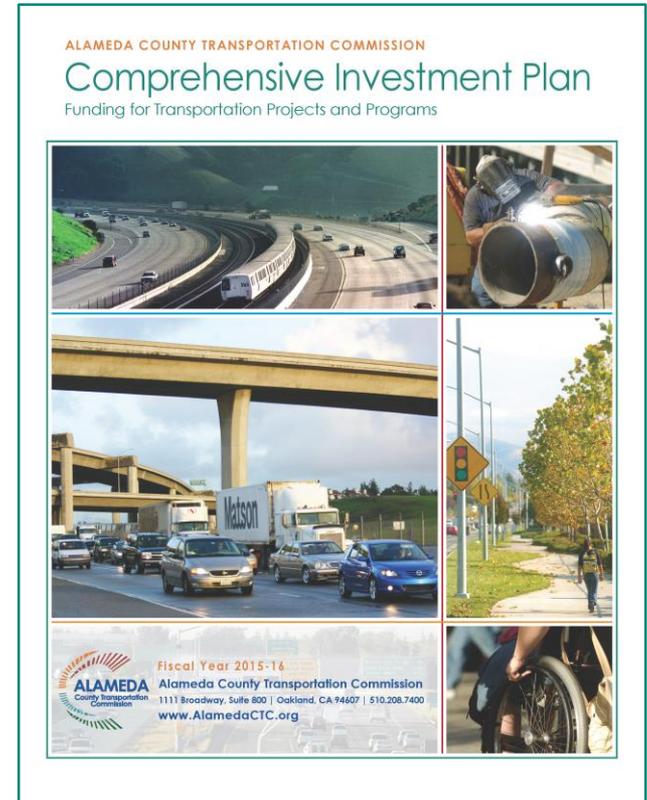


**Voters approved Measure BB with 70.76% support for essential transportation improvements throughout Alameda County (Alameda CTC)**

- International
  - Port of Oakland
  - Oakland Army Base
- National
  - Improvements on national primary freight network
    - I-80, I-580, I-680, I-880
  - Rail improvements
- Regional
  - Bart to Livermore (LVX)
  - Capital Corridor
- Local
  - Roads, bike/ped, paratransit

# Measure BB Implementation

- CIP programmed \$1.2 billion in June 2015
- First allocations to cities and counties in July 2015
- Contracts are flowing
- Building a pipeline
  - CIP updated every year
  - Programmed by project phases
- Next allocations in spring 2016
  - Goods Movement
  - Highways: express lanes, HOV lanes, interchanges
  - Transit and community development



# Alamedas CTC Honors Our Partnership

- Win-Win solutions
  - Our partnership supports win-win solutions for regional, mega-regional and state investments in freight, highways, express lanes and transit
- Missions aligned
  - Our project delivery is intricately linked to your transportation objectives
  - Promises made, promises kept

# Thank you



# CTC Welcoming Remarks

**Randy Iwasaki**

Executive Director

October 21, 2015



- The Contra Costa Transportation Authority (CCTA) is a public agency formed by Contra Costa voters in 1988 to manage the county's transportation sales tax program and to lead the county's transportation planning efforts.
- CCTA is responsible for maintaining and improving the county's transportation system by planning, funding, and delivering critical transportation infrastructure projects and programs that connect our communities, foster a strong economy, increase sustainability, and safely and efficiently get people where they need to go.



# WHAT WE DO

- **BUSES** Invest in a reliable, comfortable and convenient bus network
- **LOCAL STREETS** Smooth traffic flow on major roads and invest in neighborhood improvements such as repairing potholes and road surfaces
- **PEDESTRIAN** Make improvements to sidewalks, crosswalks, trails, and paths
- **SAFE ROUTES TO SCHOOLS** Focus on programs and projects aimed at bicycle and pedestrian safety for K-12 students
- **FERRIES** Expand the Bay Area ferry system by looking to ferries as an alternate commute method between West County and San Francisco



- **BICYCLE** Invest in safe routes and infrastructure improvements for bicyclists



- **BART** Make improvements to BART service and stations, such as extensions to new routes and parking at stations



- **HIGHWAYS** Complete Contra Costa's highway system, and improve air quality and noise protection along these corridors



- **CARPPOOL/RIDESHARE** Implement programs aimed at reducing traffic congestion by encouraging carpooling and ridesharing



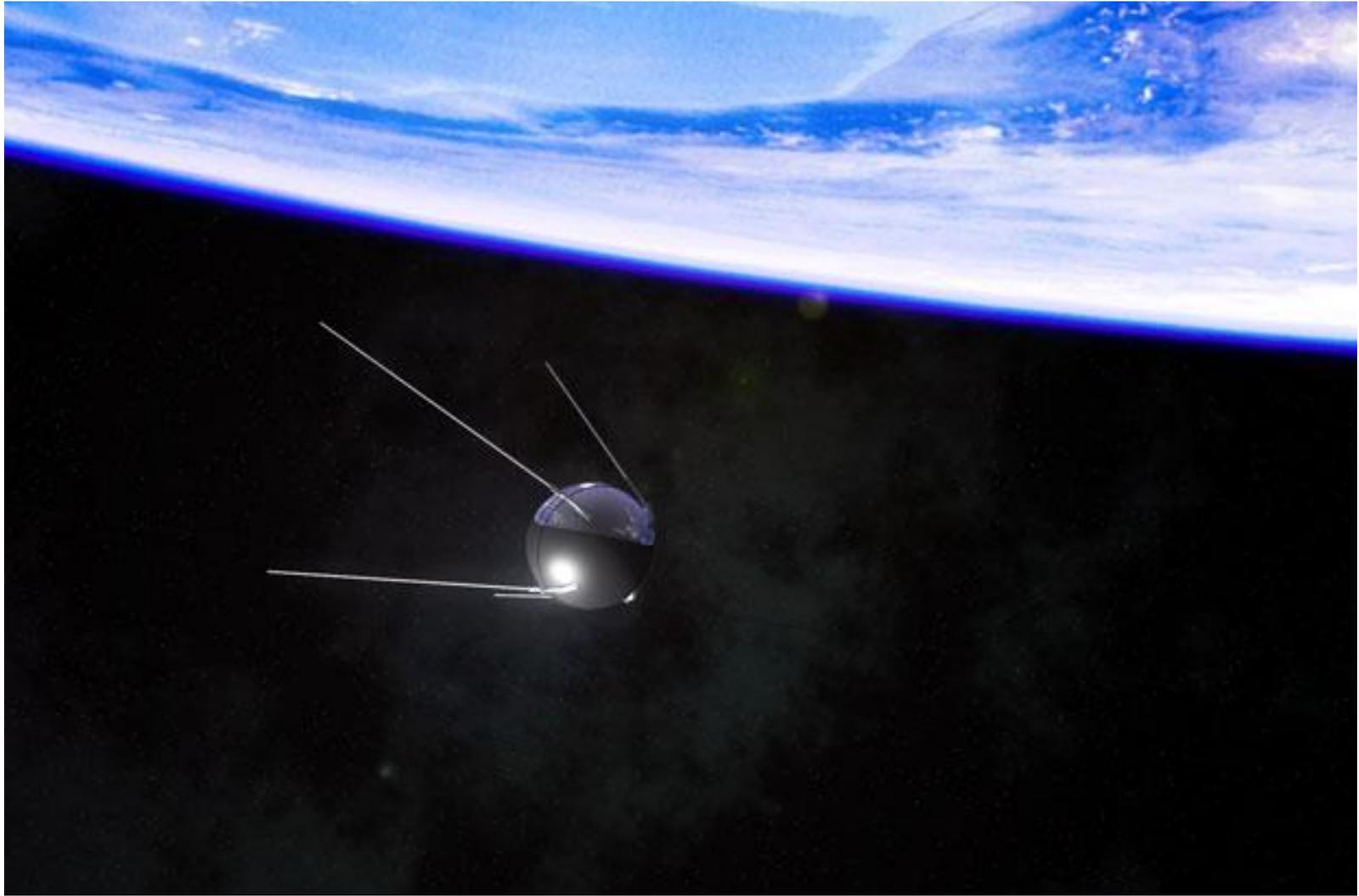
- **PROGRAMS FOR SENIORS AND PEOPLE WITH DISABILITIES** Enhance transit options to improve mobility for seniors and people with disabilities

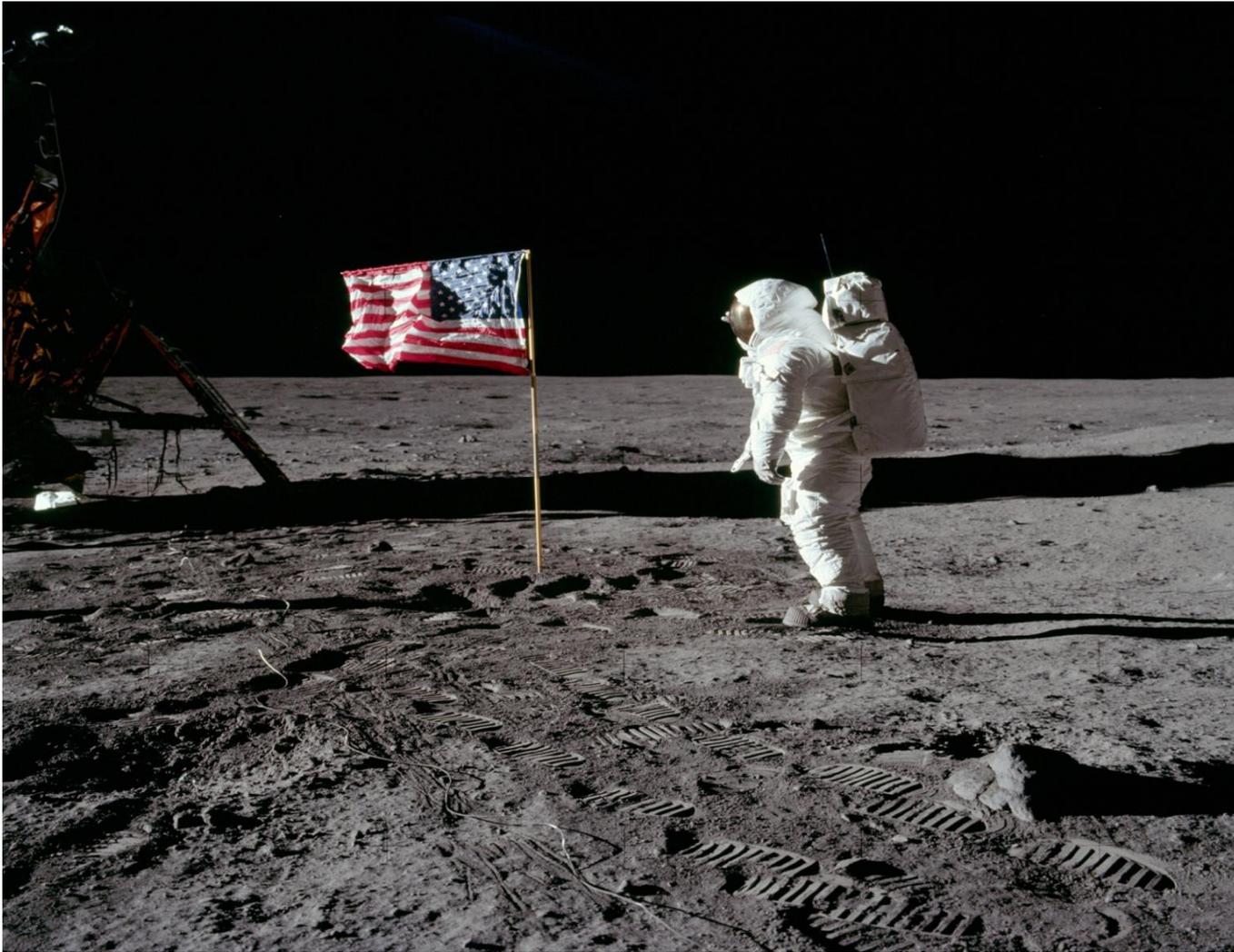




# A little bit of history









California PATH

## 2007 DARPA Urban Challenge



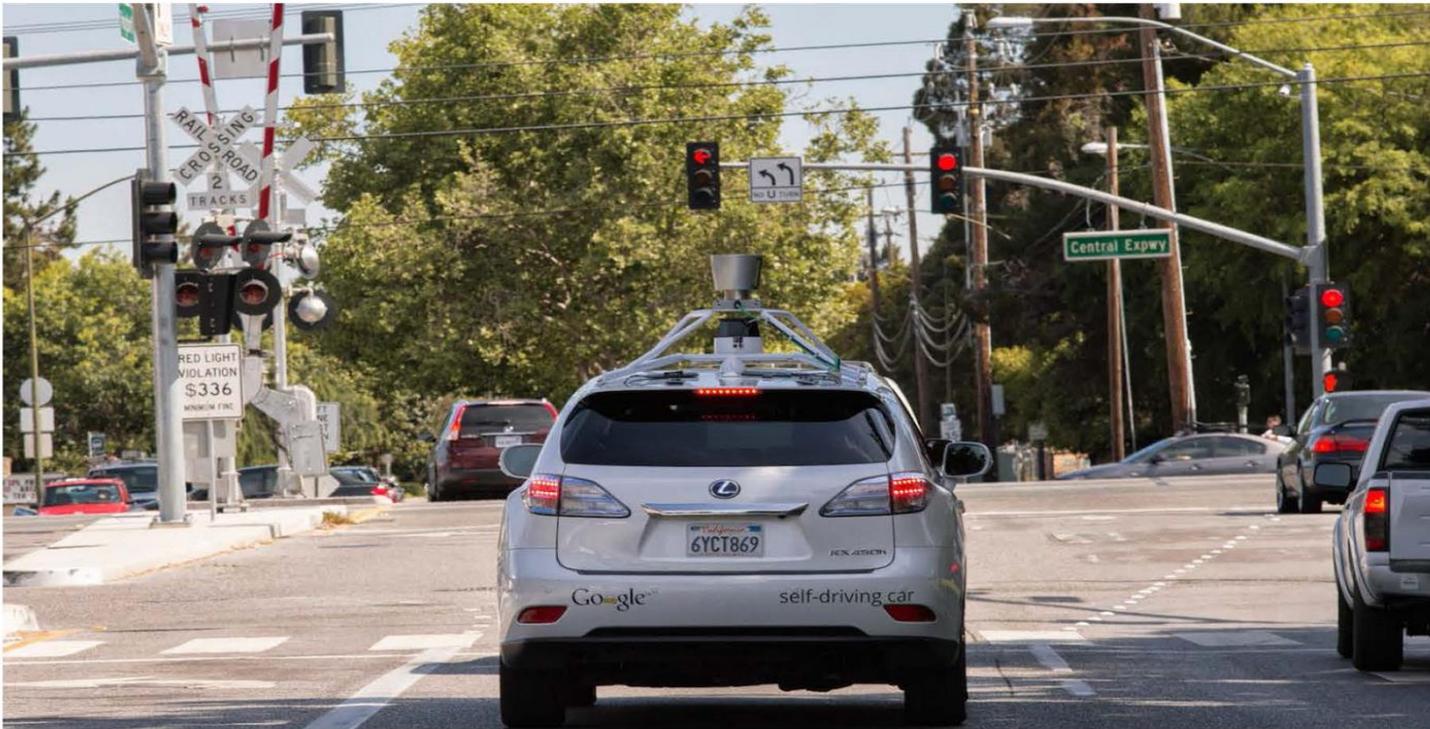
**'Boss' CMU Tartan Racing, 60 miles urban, 4h:10m**

## 2010 Audi 'Pikes Peak'



**12 mile hill climb, 156 turns, 27min (cf 11m48s)**

## 2014 Google 'mastering city street driving'



**700k miles, cyclists signals, construction zones**



# Innovation Timeline





# International Business Machines Corporation (IBM) ★ Watchlist

**157.81** **-2.96 (-1.84%)** NYSE - As of 4:02PM EDT

After Hours: **157.81** **↑+0.49 (0.31%)** 05:51pm EDT

1d 5d 1m 3m 6m YTD 1y 2y 5y 10y **Max** Custom ▾ + Indicator + Comparison Reset Go To Symbol



**30 YEARS**



# IBM vs. Microsoft

International Business Machines Corporation (IBM) ★ Watchlist

**157.81** **-2.96 (-1.84%)** NYSE - As of 4:02PM EDT

After Hours: **157.81** **↑+0.49 (0.31%)** 05:51pm EDT



# Microsoft vs. Facebook

Facebook, Inc. (FB) ★ Watchlist

**77.55** **-1.89 (-2.38%)** NASDAQ - As of 4:00PM EDT

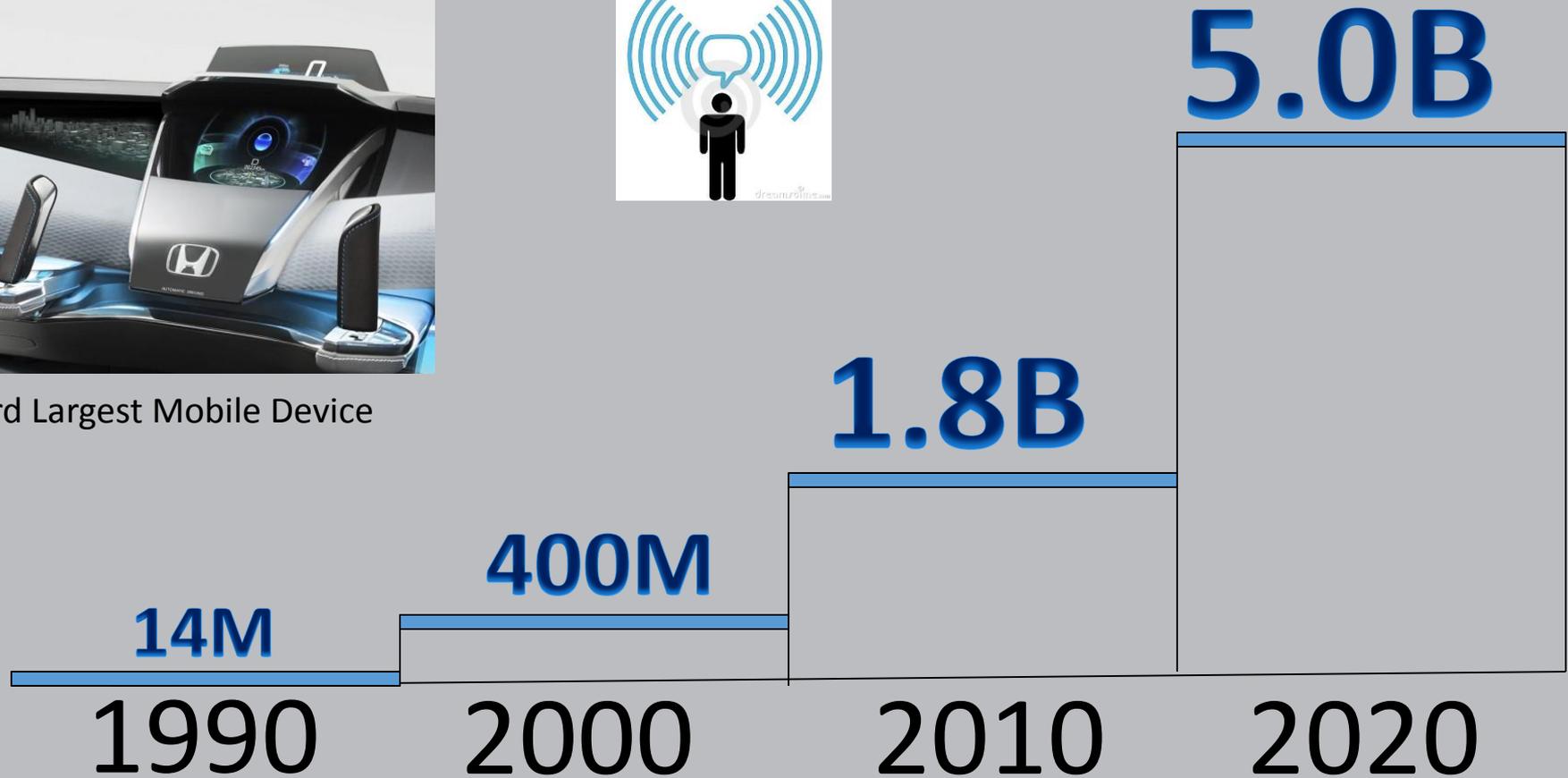
After Hours: **77.59** **↑+0.04 (0.05%)** 6:03PM EDT



# Connectivity Emerging Faster

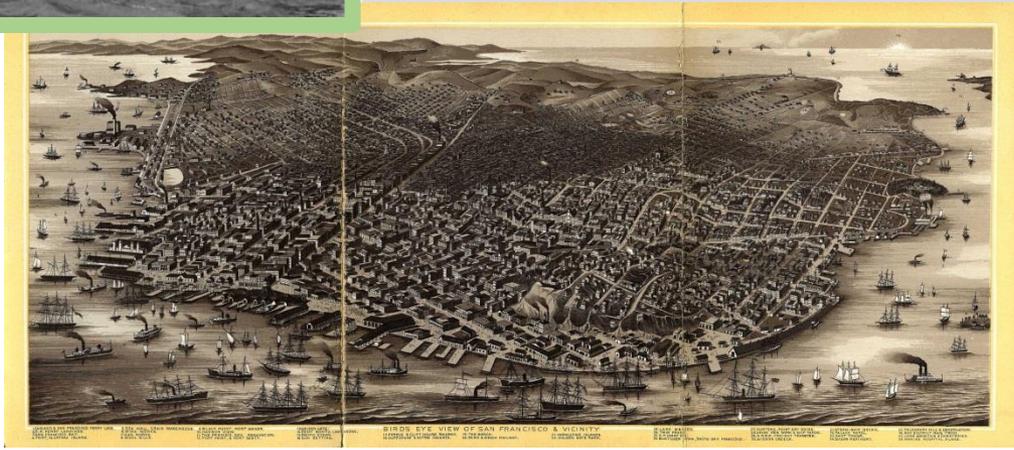


Third Largest Mobile Device



Source: <http://www.internetlivestats.com/internet-users/#trend>

# How cities have evolved









Data Driven Mobility

Sensible & Digital City

Intermodal Innovations



# Introducing the GoMentum Station Program

Connected Vehicle and Autonomous Vehicle  
(CV/AV) Program and Test Facility

# Vision

Create a hub for CV/AV transportation innovation in Contra Costa - called the GoMomentum Station Program - where technology, innovation and commercialization converge.



More than 5,000 acres with 2,100 acres currently available for testing

# Overarching Goals

**Economic  
Growth & Job  
Creation**

**Efficient  
Mobility**

**21<sup>st</sup> Century  
Transportation**

**Enhanced  
Safety**

**Healthier  
Environment**

# Partner EcoSystem



# Thank you!

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