

CTC Welcoming Remarks

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Executive Director

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WHO WE ARE



- 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

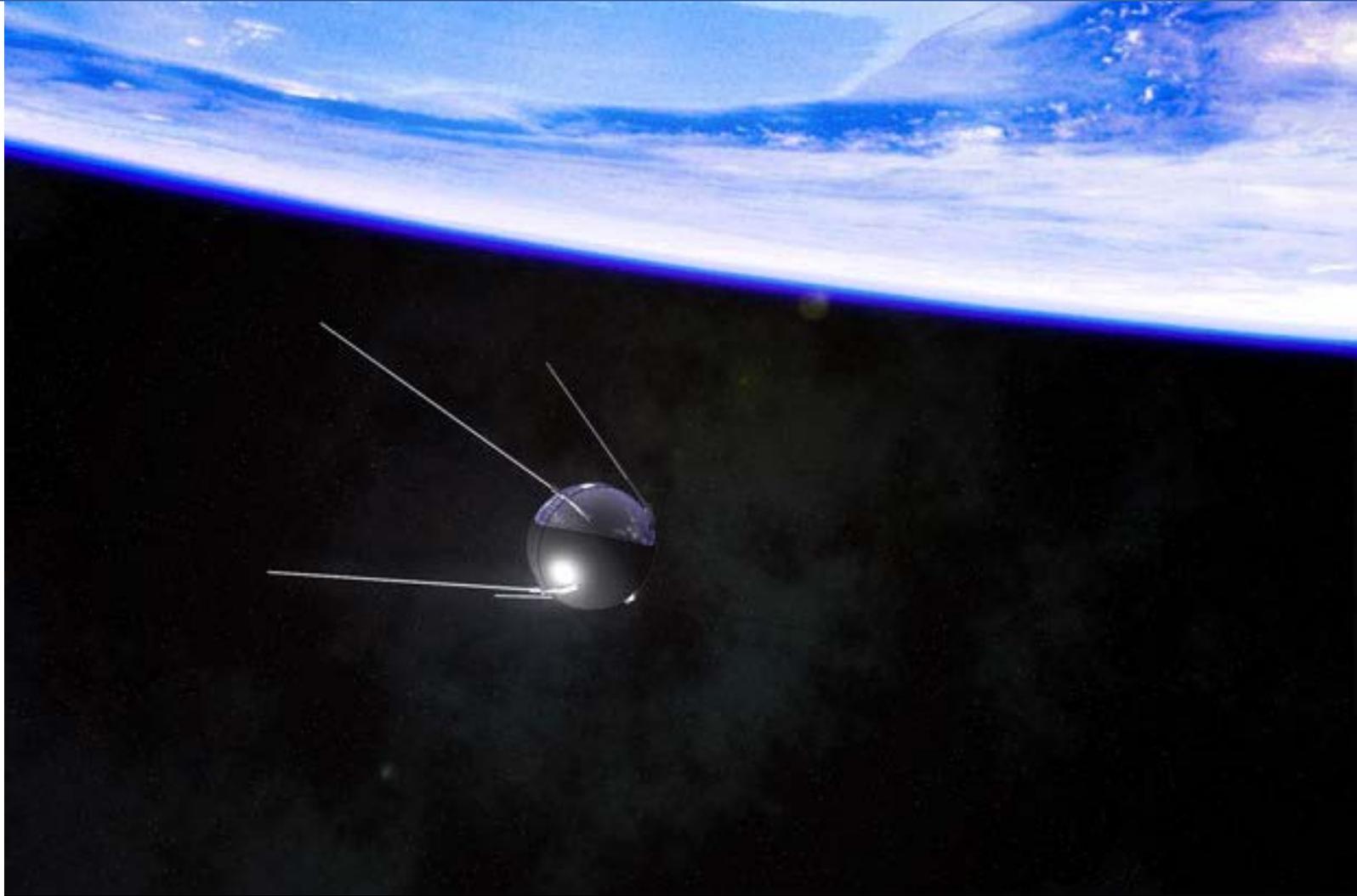




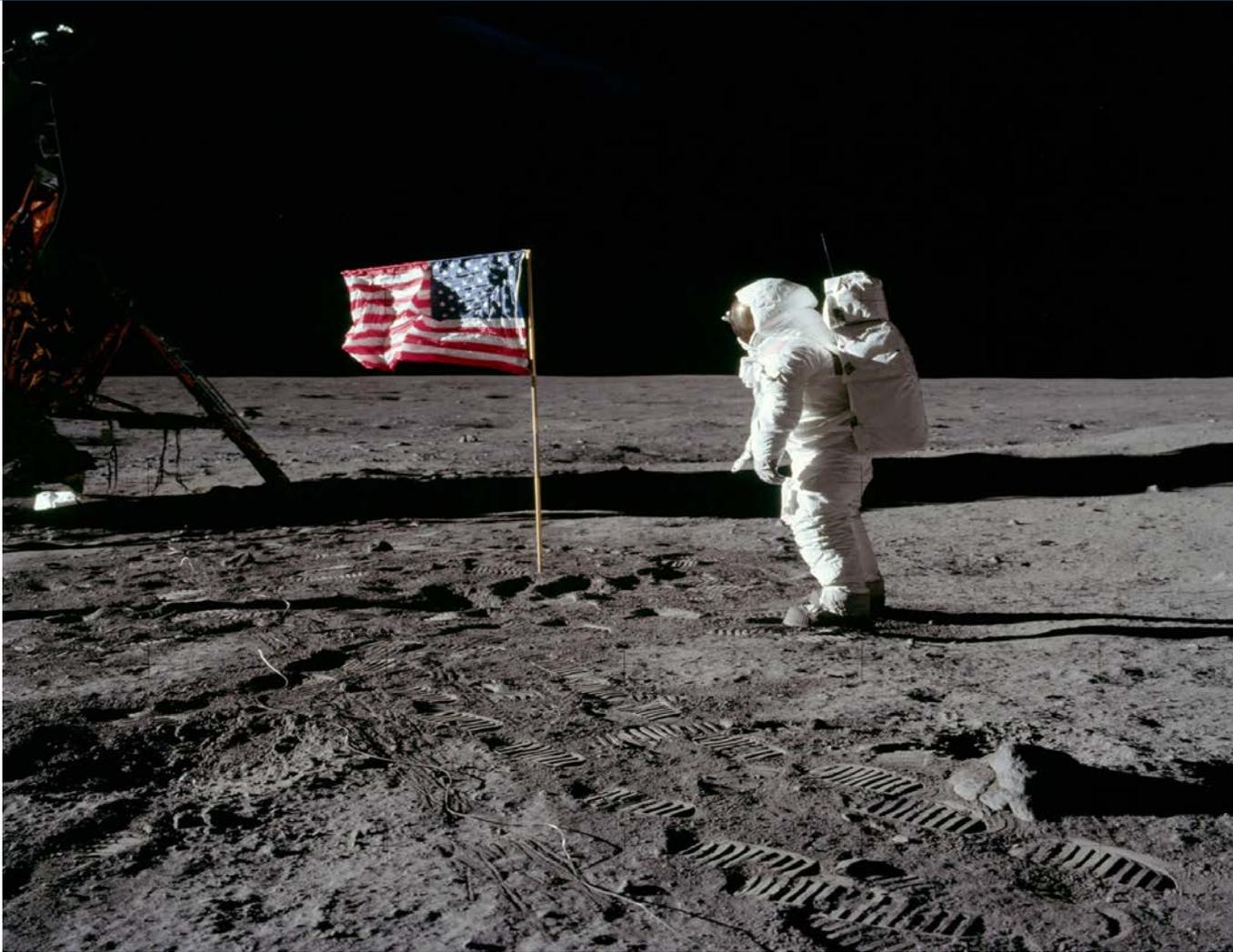
A little bit of history



Sputnik



Race to the Moon



AHS Program, I-15



California PATH





2007 DARPA Urban Challenge



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





2010 Audi 'Pikes Peak'

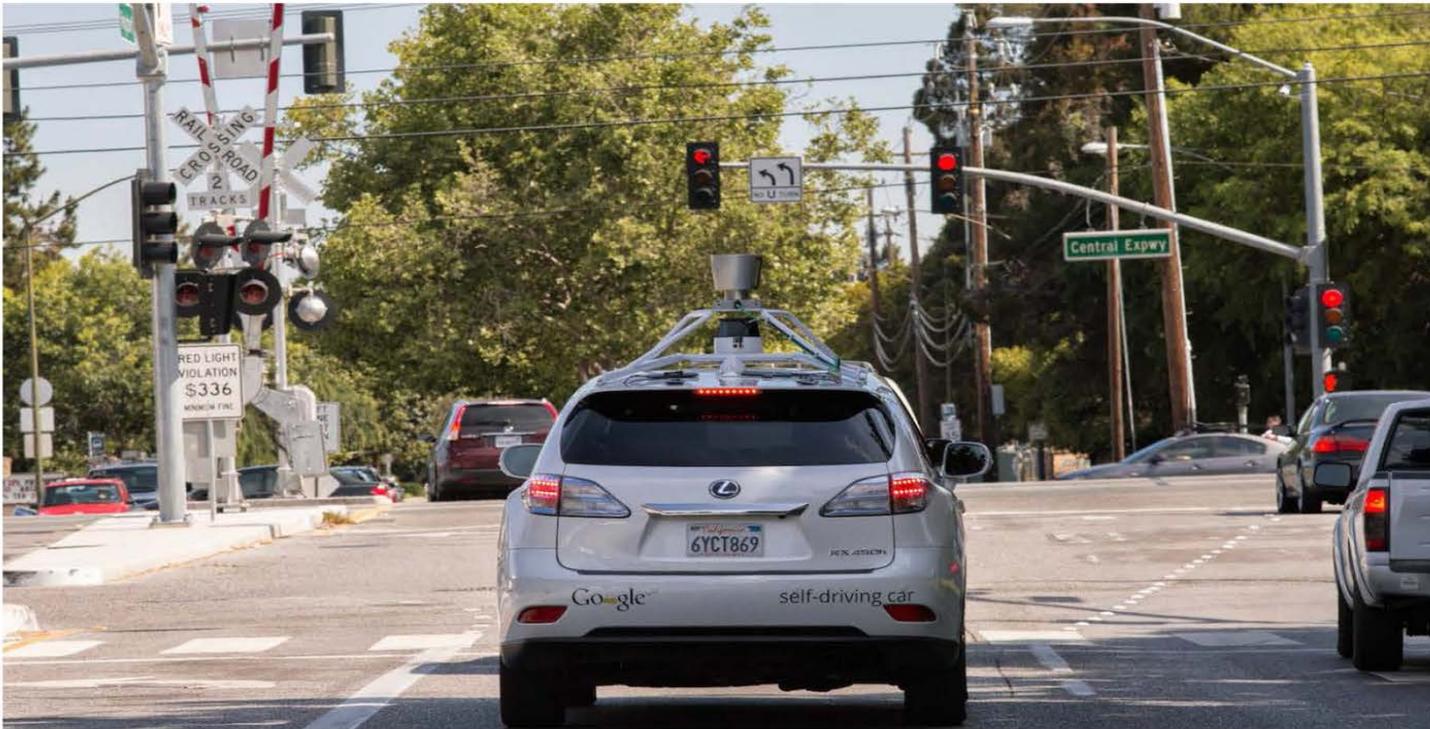


12 mile hill climb, 156 turns, 27min (cf 11m48s)





2014 Google 'mastering city street driving'



700k miles, cyclists signals, construction zones





Innovation Timeline



IBM



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

Open 159.60
Close 157.81
Low 157.81
High 160.23
Vol 4.6M
% Chg N/A

IBM 157.81

30 YEARS



Jan 1, 1971

Jan 1, 1982

Jan 1, 1993

Jan 1, 2004

Jan 1, 2001



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

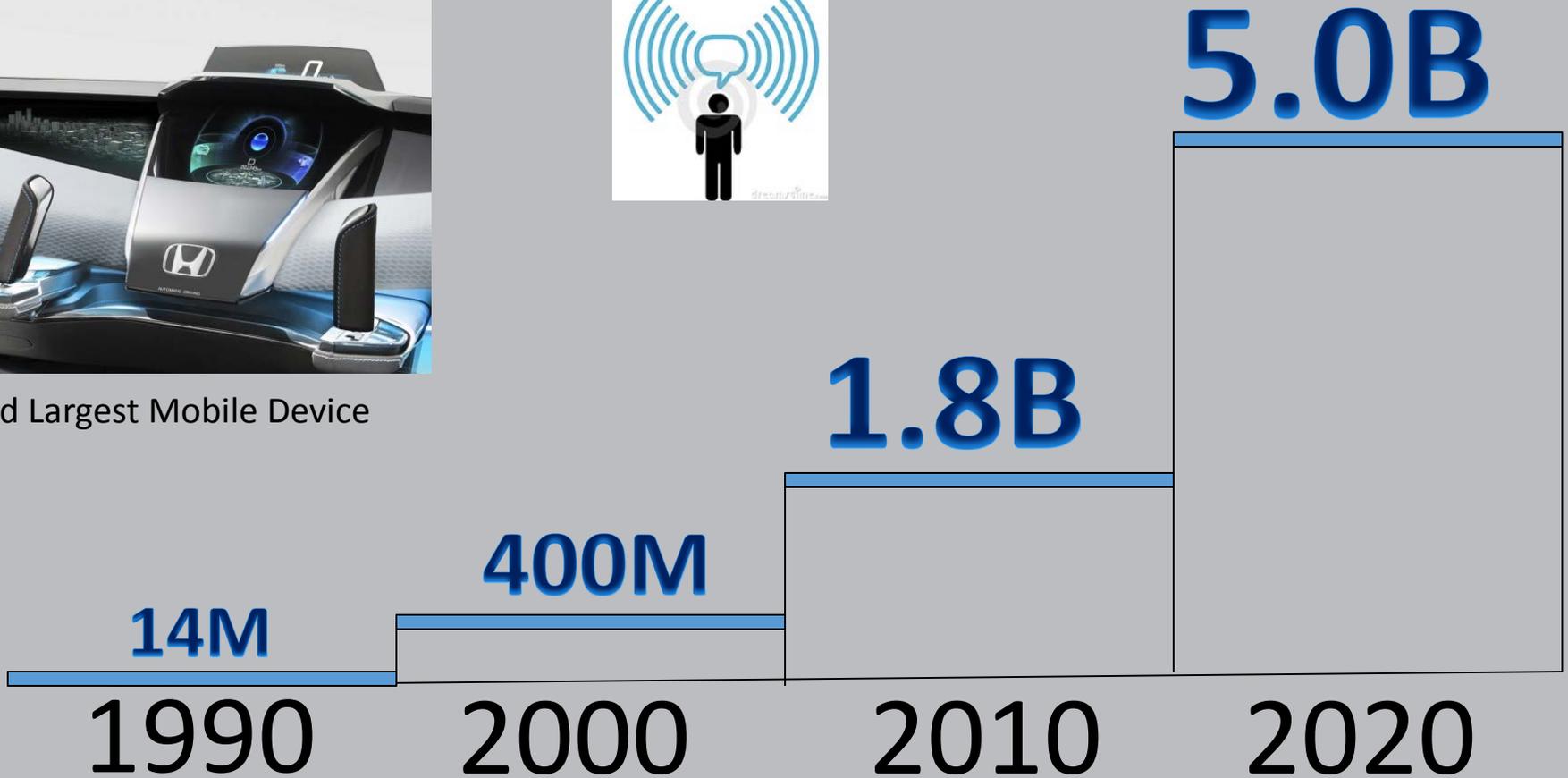
After Hours: **77.59** **↑+0.04 (0.05%)** 6:03PM EDT



Connectivity Emerging Faster



Third Largest Mobile Device



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

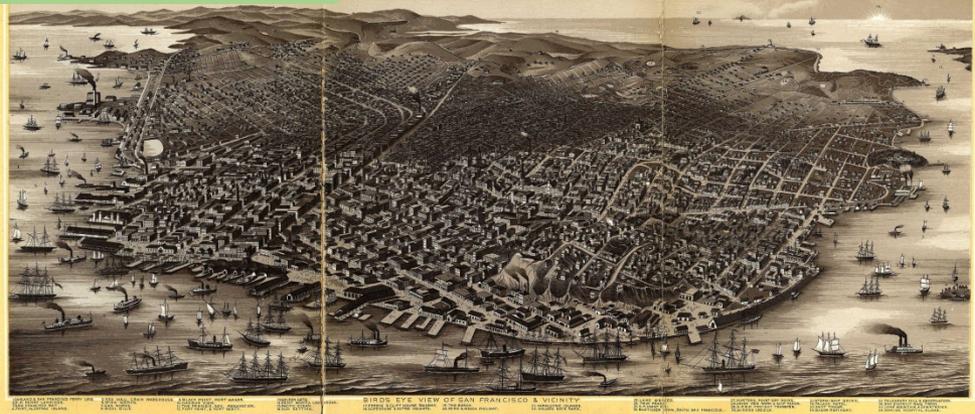




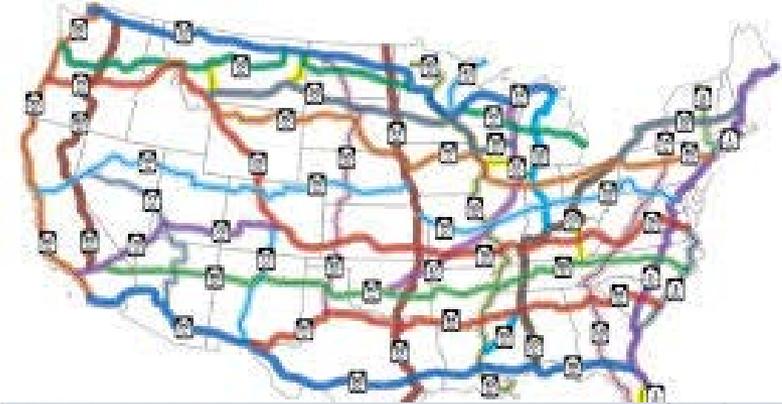
How cities have evolved



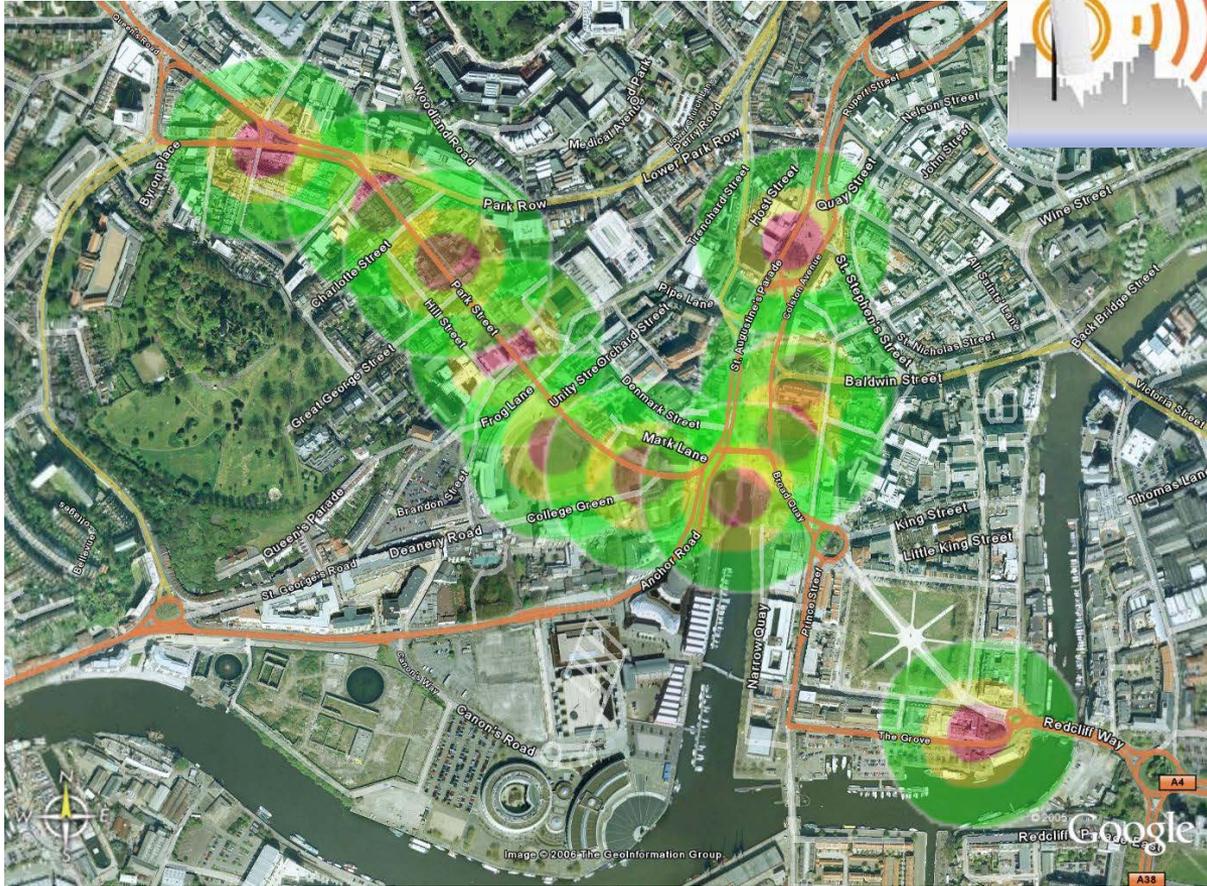
City 1.0



City 2.0



City 3.0



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City 5.0



Data Driven Mobility

Sensible & Digital City

Intermodal Innovations



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Introducing the GoMentum Station Program

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



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Vision

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



GoMentum Station



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



CV/AV Program



Overarching Goals

**Economic
Growth & Job
Creation**

**Efficient
Mobility**

**21st Century
Transportation**

**Enhanced
Safety**

**Healthier
Environment**





Partner EcoSystem





Thank you!

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