

# Autonomous Vehicle Strategy Update

Smart Cities and Service Improvements Committee  
December 7, 2017

# Brief Summary of Previous Update

Overview of autonomous vehicles (AV)

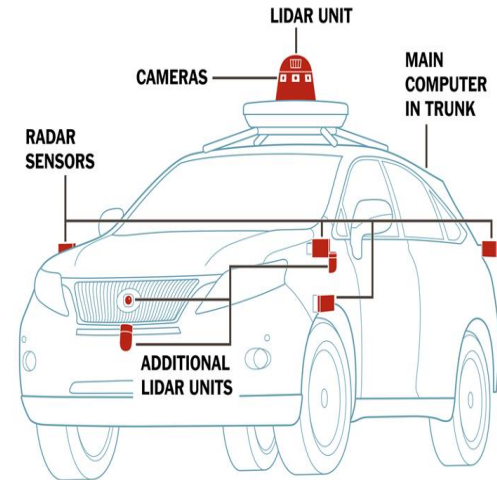
Potential impacts of AVs

Guiding principles for testing/implementation

Federal and State regulations

Collaboration with outside agencies

City of San Jose Request for Information



# First City to Issue AV RFI

- City of San Jose AV RFI released June 1, 2017
  - Reflected the goals and core values of the City
  - RFI demonstration for other major cities
  - Local, state and national coverage
- RFI closed July 28, 2017
  - Received a total of 31 responses

CITY OF SAN JOSE  
**REQUEST FOR INFORMATION**  
Pilot for Autonomous Vehicle Technology



*“this proactive approach to autonomous vehicles can provide an example of how cities can get out in front of technologies and ensure that we drive the technology toward public value.”*

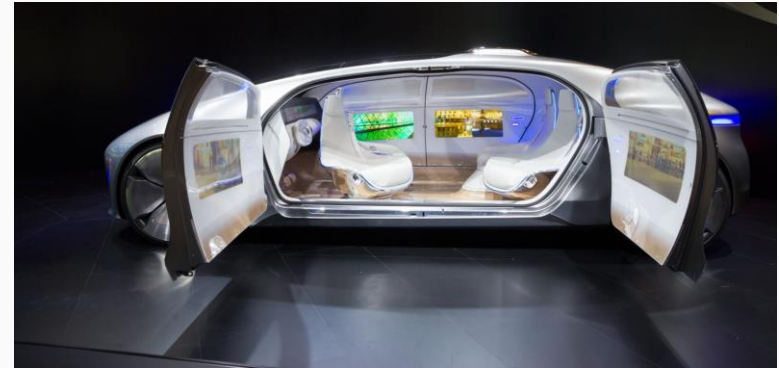
*- GovTech Magazine June 2, 2017*

# Summary of AV RFI Responses

Response Category	# in Category
AV deployment on City or other public roadways	13
AV and transportation data collection, management and analytics services	4
Roadway and infrastructure mapping services	2
Project management, technology and general business consulting services	6
Other services (e.g. communication networks, travel apps, AV certification)	6

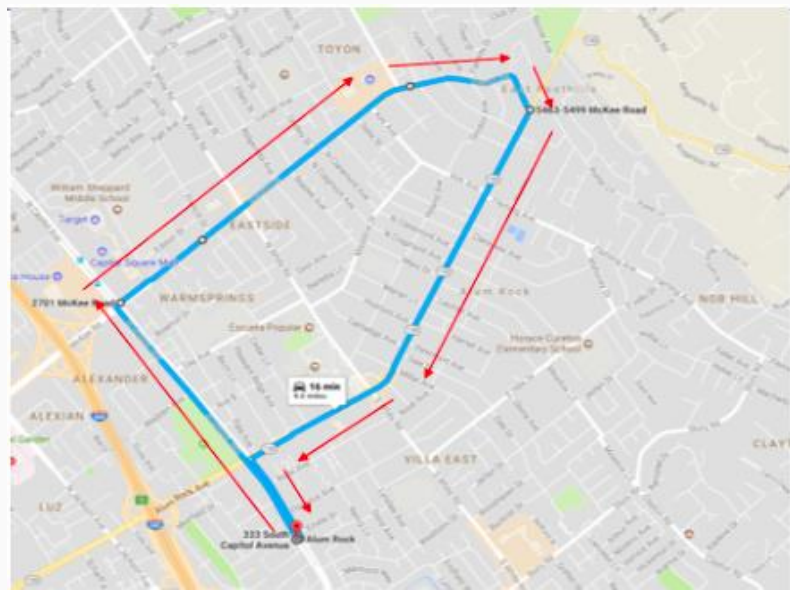
# AV Task Team and Process

- August and September
  - Formed Task Team
  - Internal and External Stakeholders
  - Review Process
    - Best alignment with purpose and goals
    - Narrowed to 4 projects
- October
  - Met individually with industry
    - 2 ready to move towards possible demonstration project
    - 2 need further scoping

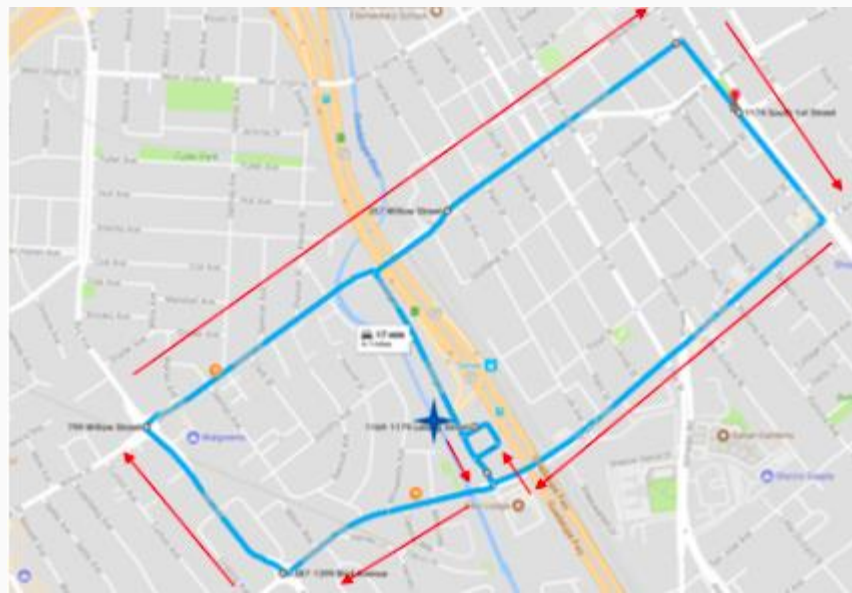


# Project 1: First/Last Mile Connections

Alum Rock VTA Transit Center



Tamien Station

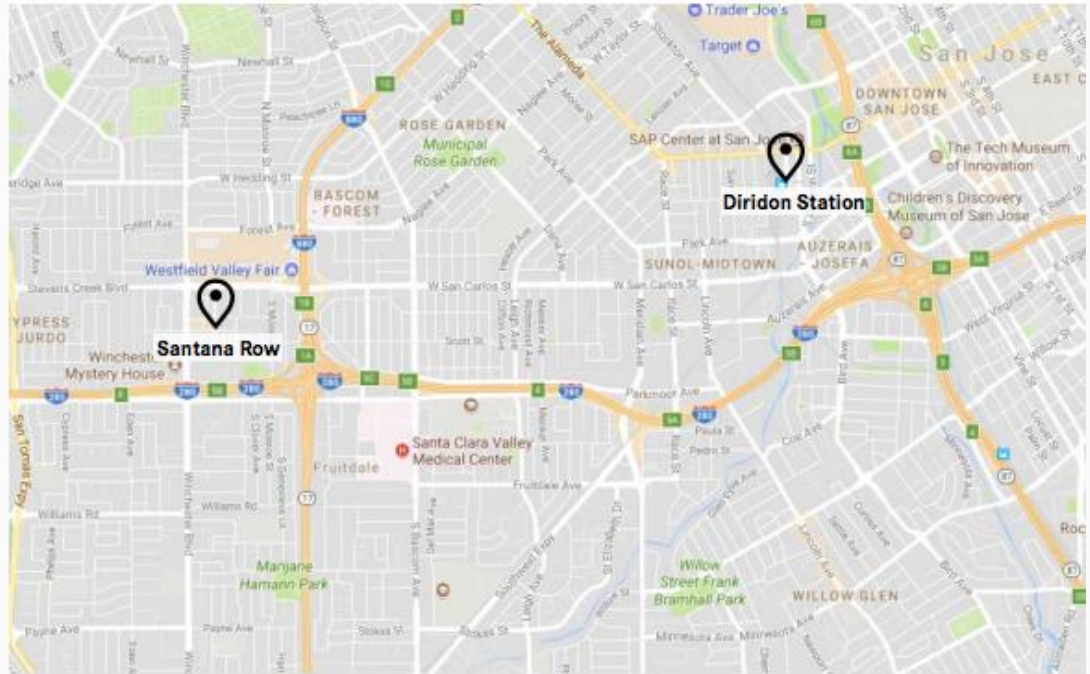


# Project 1 Analysis



# Project 2: Connecting Key Destinations

San Carlos/Stevens  
Creek corridor and  
Diridon Station Area





# Project 2 Analysis



# Federal and State AV Regulations

- Federal Regulations
  - House: HR 3388 (SELF DRIVE Act) passed in September
    - Defines local, state, and federal regulatory roles around AV
  - Senate: Commerce, Science, and Transportation Committee held markup of AV START Act in October
- State Regulations
  - California DMV released revised version of proposed regulations in October
- Collaborations with Other Agencies and Associations



# Key Takeaways

- Testing AVs in San Jose with a purpose
- Utilizing this technology to solve critical challenges for our residents
  - Safety
  - Mobility
  - Equity
- Data
  - New tool for cities



# Questions