CITY OF THE FUTURE
Preparing for Autonomous Vehicles
“The challenge is that we don’t know what is coming, but we know it’s coming. We all have to learn to change on a dime.”

Pam O’Connor
Councilwoman, Santa Monica, CA
CITY OF THE FUTURE
FINDINGS FROM CITY OF THE FUTURE

We conducted a content analysis of city and regional transportation planning documents from the 50 most populous US cities, as well as the largest cities in every state – a total of 68 communities.

6% of plans consider the potential effects of driverless technology

3% of plans take into account private transportation network companies (TNCs) such as Uber or Lyft, despite the fact that they operate in 60 of the 68 markets
WHY IS THIS IMPORTANT?

This is about

MORE THAN MOBILITY
LEVELS OF AUTONOMY

Level 0 – No Automation
Level 1 – Function-Specific Partial Automation
Level 2 – Function-Specific Full Automation
Level 3 – Function-Specific Full Awareness Automation
Level 4 – Environment-Specific Full Automation
Level 5 – Full Automation
FEDERAL AUTOMATED VEHICLES POLICY

September 2016
US Department of Transportation
National Highway Traffic Safety Administration
MANUFACTURERS
CONCERNS for safety and privacy

ANONYMOUS DATA SHARING between manufacturers, State DOTs, cities, and other mobility providers
PUBLIC POLICY
TAKE OPPORTUNITIES
to mold state AV policy

CONSIDER IMPACTS
on large and small communities

PROCUREMENT policies
MUNICIPAL COORDINATION
& PUBLIC OUTREACH
DEVELOP UNIFIED AV POLICY that considers existing laws and stakeholders

- Coordinate with city departments
- Coordinate with regional agencies

PUBLIC ACCEPTANCE

CONTINUE TO STAY INFORMED of state and federal developments
INFRASTRUCTURE INVESTMENT & FINANCE
ACTIVELY PARTICIPATE in infrastructure investment discussions

TAKE ADVANTAGE of new infrastructure investments

BROADBAND needs?
AVs are on the roads today, so start planning now.

Start considering policy development with the right people at the table.

Track and monitor federal and state developments and make your voices heard.

Begin planning infrastructure needs and building data and computing capacity to position your city to take advantage of an automated mobility future.
REPORT FORTHCOMING
IN APRIL 2017
QUESTIONS?

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