The Landscape

Inevitably autonomous vehicles will become the dominant form of ground transportation...

*Why? When? and Why not sooner?*

- AVs bring staggering advantages:
  - **Radically decrease** 94% of *accidents* attributed to driver error & 1.25M people globally that die annually in auto accidents
  - **Create leaps in productivity & efficiency generating trillions** in economic growth-radically changing our transit time
  - Will **allow huge changes in medical needs, deployment of law enforcement** resources, and our court system
  - **Transform transportation economics** including manufacturing, selling, insuring, ownership and availability
  - Dramatically **alter the environment for the better**
  - Will **create many more unanticipated benefits** – and **challenges** once they become ubiquitous
Mission

What can we, and you, do to make AVs happen sooner?

Create real world test beds – establish AV districts within municipalities to:

• Create and harvest “real world” data and knowledge of how AVs operate
• Capture the imagination, provide vision and inspire others, spurring innovation and accelerating rate of AV adoption
• Provide a laboratory where manufacturers, operators, and technology companies can operate; generating data and knowledge creating informed and smart solutions
• Aid municipal, state and federal governments, urban planners, insurance companies and other constituencies to prepare for the coming reality of AVs
Challenges

3 challenges lay ahead...

Technological —
Technology / Connectivity / Security / Standards

Regulatory —
Environment must be sufficient to ensure safety, but open enough to nurture innovation

Societal —
Consumer adoption plus labor force and business disruptions – there will be both winners and losers
Framework

Engaging suitable municipalities:

• Population of 35,000+

• Initial mixed use district of $\frac{1}{2}$ square mile or greater - in operation at least 25 hours/week – followed by rapid expansion - 1 year minimum

• Suitable pilot program area

• Committed political and community leadership

• Operational and infrastructure commitment

• Willingness to support district pilot program economically

• Corporate, research, educational, partnerships and commitments

• Technical infrastructure
Thank You!

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