GENERAL MOTORS (GM)

Talking Points for Massachusetts AV Working Group

- Not many things have captured the imagination of the public like the idea of self-driving vehicles. What was once thought of as something in the far-off future is quickly becoming a reality today.
- Self-driving vehicles will change the face of personal transportation—they are dramatically changing the auto industry today, and we believe this change will accelerate.
- The potential benefits of this transition in the way people get from one place to another are enormous.
- For years we have committed our resources to protecting passengers when crashes happen. Today, through the continuing development of this technology, we have the further opportunity to avoid crashes altogether.
- Consider that 94% of all crashes are caused by human error; 10% of all fatalities are due to distracted driving; 30% of all fatalities involve an impaired driver; and 28% of fatal crashes are speed related; and vehicle crashes continue to be the leading cause of death for children and adults ages four to 34.
- Such vehicles can provide unprecedented access to transportation to those who need it most, like persons with disabilities and those in underserved neighborhoods with limited access to public transportation; not to mention other benefits such as potential reductions in congestion and emissions and new land-use patterns in urban areas.
- GM is “all-in” on the development of self-driving vehicles.
  - We invested in the ridesharing company Lyft; we purchased Cruise Automation to pair their deep software expertise with GM’s manufacturing and engineering expertise, and we launched Maven, an urban mobility startup within GM.
  - Currently, we are testing over 70 vehicles on public roads in San Francisco, Scottsdale, and Detroit. We announced our next generation self-driving vehicle will be made right here at our Orion Assembly facility in Michigan.
  - We continue to make progress every day. Our vehicles are getting smarter and better with each mile.

Video: https://www.youtube.com/watch?v=XHIq0MMViZg
• For the foreseeable future, GM sees the use of self-driving vehicles as being in fleet applications, such as ride-sharing
• However, these continued innovations and US leadership in self-driving technology are not guaranteed and cannot be taken for granted. Europe and China are particularly interested in self-driving technology and are working just as hard as we are to gain a competitive advantage.
• GM supports legislation that is substantially similar to laws passed with overwhelming support in 2016 in Michigan and in 2017 in Georgia, Colorado, Texas, North Carolina, Nevada and Tennessee. In the States of Washington and Arizona Executive Orders have been issued by the Governors promoting the testing and deployment of self-driving vehicles.
• We believe these laws are consistent with the new NHTSA guidance entitled “Automated Driving systems: A Vision for Safety”
• We look forward to continuing to work with you to find the right policy for Massachusetts.