Subcommittee on Land Use: Results of Task Force Scoping Exercise

Background

Below are the results of the scoping exercise from the December 4, 2018, Oregon Task Force on Autonomous Vehicles meeting. Members were asked to identify issues for each subcommittee to frame the second round of work for Task Force as the group considers submitting a second report to the Legislature in 2019.

Results of Task Force Scoping Exercise

Resources
  • Lessons from automation in farming

Planning
  • Consider potential impacts on state goals:
    o Goal 2: Land Use Planning
    o Goal 6: Air, Water, Land resources quality
    o Goal 10: Housing
    o Goal 12: Transportation
    o Goal 13: Energy conservation
    o Goal 14: Urbanization
  • How can AVs help achieve existing transportation and other planning goals?
  • Creating incentives for AV companies to help public sector meet policy goals
  • How could AVs change building codes, permitting, transportation improvements, parking, zoning, development codes, etc.?
  • Transportation data/information needed to make good land use decisions
  • Changes to UGB analysis and update of EOZs, ANA, and BLI
  • Impacts dependent on use of private vehicles v. shared fleets
  • Urban v. rural impacts
  • Role of DLCD in policy

Potential Changes to Land Use Patterns
  • Distribution of adverse land uses (car waste dumps, distribution centers, parking/charging lots)
  • Transfer centers where goods could be moved from long-haul trucks to local delivery vehicles
  • Reduced need for parking in cities may allow parking lots to be converted to other uses
  • Will AVs be stored at people’s houses or in shared lots?
  • AVs may create opportunities to increase mixed use density
  • Correlation to current Goal 10 changes
  • AVs could create pressures to increase sprawl, making transit and livable communities more difficult

Electric Vehicles
  • Energy production and EV charging, microgrids, etc.

Congestion and VMT
• Potential for increased congestion caused by cars that circulate rather than parking
• Zero occupancy vehicles
• VMT and AVs
• Curb management

**Funding**
• Pricing—who pays for roads?
• Pricing the curb
• Changes to system development charges