

**Public Discussion Draft - Published 06/16/17**  
Email comments to [savi@portlandoregon.gov](mailto:savi@portlandoregon.gov)

a. "Autonomous Vehicle" and "AV" mean a vehicle defined as such by the Society of Automobile Engineers J3016 Standard, as may be amended from time to time and as interpreted by the City Traffic Engineer at the time of the vehicle's operation. For permitting purposes, references to AVs in this rule and the AV permit application refer to AVs at SAE level 3 and above. For ease of reference, the standard in effect at the time of the implementation of these rules follows:

- i. Level 0 – No Automation: The full-time performance by the human driver of all aspects of the dynamic driving task, even when enhanced by warning or intervention systems.
- ii. Level 1 – Driver Assistance: The driving mode-specific execution by a driver assistance system of either steering or acceleration/deceleration using information about the driving environment and with the expectation that the human driver performs all remaining aspects of the dynamic driving task.
- iii. Level 2 – Partial Automation: The driving mode-specific execution by one or more driver assistance systems of both steering and acceleration/deceleration using information about the driving environment and with the expectation that the human driver performs all remaining aspects of the dynamic driving task.
- iv. Level 3 – Conditional Automation: The driving mode-specific performance by an Automated Driving System of all aspects of the dynamic driving task with the expectation that the human driver will respond appropriately to a request to intervene.
- v. Level 4 – High Automation: The driving mode-specific performance by an Automated Driving System of all aspects of the dynamic driving task, even if a human driver does not respond appropriately to a request to intervene.
- vi. Level 5 – Full Automation: The full-time performance by an Automated Driving System of all aspects of the dynamic driving task under all roadway and environmental conditions that can be managed by a human driver.

- b. "Connected Vehicle" means a vehicle that is not an AV and that communicates with the Internet, other vehicles, wayside systems, or passengers.
- c. "Operator" means any person or entity who has the ability to control a vehicle through physical or electronic means.

**5. Driver or Operator Required.**

- a. An AV must have a driver or operator fully engaged and able to take control of the vehicle at any moment. A driver or operator is subject to all current driving laws, including distracted-driving laws, must be in the traditional driver's seat or equivalent position, and must have a valid driver's license.
- b. AV drivers and operators must:
  - i. Maintain focus and ability to take control of the vehicle at all times;