



Glossary of Terms

Advanced Guideway System (AGS): A high-speed fixed guideway transit system -- the Advanced Guideway System (AGS) – is included in the preferred alternative for the I-70 Mountain Corridor Programmatic Environmental Impact Statement (PEIS). The system would be fully elevated for 118 miles and varies in alignment between the north, the south, and the median of I-70. A specific technology, such as maglev or monorail, will be defined in upcoming studies.

Capacity: The amount of traffic an interchange and/or highway is capable of serving.

Conflict Points: A conflict point is the point at which a vehicle, pedestrian, or bicyclist crosses the path of another vehicle, pedestrian, or bicyclist using the same road or driveway.

Diamond Interchange: A diamond interchange is an interchange involving four ramps that enter and leave the freeway at two intersections that meet the non-freeway road. In this interchange, ramps make a diamond shape.

Diverging Diamond Interchange: The diverging diamond interchange allows free left turns for motorists, meaning left-turning vehicles don't have to stop for oncoming traffic. Traffic models indicate this type of interchange works well with areas of heavy traffic.

Level of Service (LOS): Level of Service (LOS) is a measure used by traffic engineers to determine the operational effectiveness of transportation infrastructure. LOS is most commonly used to analyze intersections, and performance is graded on a scale from LOS A to LOS F.

Mobility: The movement of vehicles, people, and goods through the interchange.

Queuing: A line of stopped vehicles at an intersection.

Roundabout: A roundabout is a circular junction of roadways in which road traffic must travel in one direction around a central island, and traffic entering the roundabout must yield to traffic already in the roundabout. Roundabouts are designed to reduce the speed of traffic entering and circulating in the roundabout.

Single Point Urban Interchange (SPUI): The Single Point Urban Interchange (SPUI) centralizes all turning movements into a single signalized intersection.

Weaving: Weaving is a situation in which traffic veering right and traffic veering left must cross paths. Weaving can be a problem when there is limited distance for traffic to make the crossing maneuvers.