AM Peak Period: Southbound

- Overall Throughput:
  - Persons Carried: HOV-1 = 24%, GP-3 = 76%
  - Vehicles Carried: HOV-1 = 13%, GP-3 = 87%

PM Peak Period: Northbound

- Overall Throughput:
  - Persons Carried: HOV-1 = 31%, GP-3 = 69%
  - Vehicles Carried: HOV-1 = 18%, GP-3 = 82%

Per Lane Throughput (3-hr):

- AVO<sub>HOV</sub> = 2.6, AVO<sub>GP</sub> = 1.2
- Person Volume Per Lane: HOV-1 = 5208, GP-3 = 5590 ([-7%])
- Vehicle Volume Per Lane: HOV-1 = 2007, GP-3 = 4566 ([-56%])

Per Lane Throughput (4-hr):

- AVO<sub>HOV</sub> = 2.5, AVO<sub>GP</sub> = 1.2
- Person Volume Per Lane: HOV-1 = 9798, GP-3 = 7267 [+35%]
- Vehicle Volume Per Lane: HOV-1 = 3909, GP-3 = 5965 [-34%]

GP vs. HOV Throughput Comparison (2005): I-5 near South Everett
GP vs. HOV Throughput Comparison (2005): I-5 near Northgate
GP vs. HOV Throughput Comparison (2005): I-5 South of Seattle CBD
GP vs. HOV Throughput Comparison (2005): I-5 South of Southcenter
GP vs. HOV Throughput Comparison (2005): I-90 Floating Bridge
GP vs. HOV Throughput Comparison (2005): I-90 near Issaquah
GP vs. HOV Throughput Comparison (2005): I-405 near Kirkland
AM Peak Period: Northbound

Overall Throughput

- Persons Carried: 46% (HOV-1) vs. 54% (GP-2)
- Vehicles Carried: 29% (HOV-1) vs. 71% (GP-2)

Per Lane Throughput (3-hr)

- HOV-1: 8704 persons, 5160 vehicles
- GP-2: 3725 persons, 4479 vehicles
- AVO_{HOV} = 2.3
- AVO_{GP} = 1.2
- [+69%] for persons, [-217] for vehicles

PM Peak Period: Southbound

Overall Throughput

- Persons Carried: 47% (HOV-1) vs. 53% (GP-3)
- Vehicles Carried: 31% (HOV-1) vs. 69% (GP-3)

Per Lane Throughput (4-hr)

- HOV-1: 13623 persons, 7592 vehicles
- GP-3: 5941 persons, 6749 vehicles
- AVO_{HOV} = 2.3
- AVO_{GP} = 1.1
- [+79%] for persons, [-12%] for vehicles

GP vs. HOV Throughput Comparison (2005): I-405 near Newcastle
GP vs. HOV Throughput Comparison (2005): I-405 near Southcenter (Cedar Avenue)
AM Peak Period: Northbound

- **Overall Throughput**
  - Persons Carried: 31% (HOV-1), 69% (GP-2)
  - Vehicles Carried: 21% (HOV-1), 79% (GP-2)

- **Per Lane Throughput (3-hr)**
  - Person Volume Per Lane: 0199 (HOV-1), 5614 (GP-2)
  - Vehicle Volume Per Lane: 2571 (HOV-1), 4937 (GP-2)
  - AVO<sub>HOV</sub> = 2.2
  - AVO<sub>GP</sub> = 1.3

PM Peak Period: Southbound

- **Overall Throughput**
  - Persons Carried: 32% (HOV-1), 68% (GP-2)
  - Vehicles Carried: 20% (HOV-1), 80% (GP-2)

- **Per Lane Throughput (4-hr)**
  - Person Volume Per Lane: 8043 (HOV-1), 7731 (GP-2)
  - Vehicle Volume Per Lane: 3495 (HOV-1), 6808 (GP-2)
  - AVO<sub>HOV</sub> = 2.2
  - AVO<sub>GP</sub> = 1.2

**GP vs. HOV Throughput Comparison (2005): SR 167 near Kent**
AM Peak Period: Westbound

Overall Throughput

Persons Carried

Vehicles Carried

HOV-1

GP-2

PM Peak Period: Westbound

Overall Throughput

Persons Carried

Vehicles Carried

HOV-1

GP-2

Per Lane Throughput (3-hr)

AVO_{HOV}= 8.6
AVO_{GP}= 1.1

[-12%] 4217 4806 [-89%] 4259 488

Person Volume Per Lane Vehicle Volume Per Lane

Per Lane Throughput (4-hr)

AVO_{HOV}= 3.2
AVO_{GP}= 1.1

[-17%] 4944 5971 [-72%] 1556 5475

Person Volume Per Lane Vehicle Volume Per Lane

GP vs. HOV Throughput Comparison (2005): SR 520 near Medina