AM Peak Period: Southbound

- Persons Carried: 23% (HOV-1), 77% (GP-3)
- Vehicles Carried: 12% (HOV-1), 88% (GP-3)

PM Peak Period: Northbound

- Persons Carried: 31% (HOV-1), 69% (GP-3)
- Vehicles Carried: 17% (HOV-1), 83% (GP-3)

Per Lane Throughput (3-hr)

- AVO_{HOV} = 2.6
- AVO_{GP} = 1.2

Per Lane Throughput (4-hr)

- AVO_{HOV} = 2.5
- AVO_{GP} = 1.2

GP vs. HOV Throughput Comparison (2004): I-5 near South Everett
GP vs. HOV Throughput Comparison (2004): I-5 near Northgate

AM Peak Period: Southbound

- Overall Throughput
  - Persons Carried
    - HOV-1: 42%
    - GP-3: 58%
  - Vehicles Carried
    - HOV-1: 20%
    - GP-3: 80%

- Per Lane Throughput (3-hr)
  - Person Volume Per Lane
    - HOV-1: 13412
    - GP-3: 6107
    - AVO_{HOV} = 3.3
    - AVO_{GP} = 1.1
  - Vehicle Volume Per Lane
    - HOV-1: 4123
    - GP-3: 5408
    - [-24%]

PM Peak Period: Northbound

- Overall Throughput
  - Persons Carried
    - HOV-1: 38%
    - GP-4: 62%
  - Vehicles Carried
    - HOV-1: 18%
    - GP-4: 82%

- Per Lane Throughput (4-hr)
  - Person Volume Per Lane
    - HOV-1: 16872
    - GP-4: 6771
    - AVO_{HOV} = 3.2
    - AVO_{GP} = 1.2
  - Vehicle Volume Per Lane
    - HOV-1: 5275
    - GP-4: 5847
    - [-10%]
AM Peak Period: Northbound

Overall Throughput

Persons Carried

- HOV-1: 28%
- GP-4: 72%

Vehicles Carried

- HOV-1: 13%
- GP-4: 87%

Per Lane Throughput (3-hr)

- Person Volume Per Lane: AVO_HOV = 3.1
- Person Volume Per Lane: AVO_GP = 1.2
- [-54%]
- [41%]

PM Peak Period: Southbound

Overall Throughput

Persons Carried

- HOV-1: 28%
- GP-4: 72%

Vehicles Carried

- HOV-1: 14%
- GP-5: 86%

Per Lane Throughput (4-hr)

- Person Volume Per Lane: AVO_HOV = 3.1
- Person Volume Per Lane: AVO_GP = 1.2
- [+98%]
- [-22%]

GP vs. HOV Throughput Comparison (2004): I-5 South of Southcenter
GP vs. HOV Throughput Comparison (2004): I-90 Floating Bridge
GP vs. HOV Throughput Comparison (2004): I-90 near Issaquah
GP vs. HOV Throughput Comparison (2004): I-405 near Kirkland

AM Peak Period: Southbound

Overall Throughput

Persons Carried

Vehicles Carried

HOV-1: 31% 18%
GP-3: 69% 82%

PM Peak Period: Northbound

Overall Throughput

Persons Carried

Vehicles Carried

HOV-1: 39% 23%
GP-3: 61% 77%

Per Lane Throughput (3-hr)

Person Volume Per Lane

Vehicle Volume Per Lane

AVO_{HOV} = 2.3
AVO_{GP} = 1.1

[+32%]

[+94%]

Per Lane Throughput (4-hr)

Person Volume Per Lane

Vehicle Volume Per Lane

AVO_{HOV} = 2.5
AVO_{GP} = 1.2

[-34%]

[-10%]

28/11/2005
GP vs. HOV Throughput Comparison (2004): I-405 near Newcastle

**AM Peak Period: Northbound**

- **Overall Throughput**
  - Persons Carried: 44% (HOV) vs. 56% (GP-2)
  - Vehicles Carried: 28% (HOV) vs. 72% (GP-2)

- **Per Lane Throughput (3-hr)**
  - Person Volume Per Lane: 8713 (HOV) vs. 3604 (GP-2)
  - Vehicle Volume Per Lane: 5592 (HOV) vs. 4598 (GP-2)
  - AVO<sub>HOV</sub> = 2.4
  - AVO<sub>GP</sub> = 1.2
  - [+56%]
  - [-22%]

**PM Peak Period: Southbound**

- **Overall Throughput**
  - Persons Carried: 49% (HOV) vs. 51% (GP-2)
  - Vehicles Carried: 31% (HOV) vs. 69% (GP-2)

- **Per Lane Throughput (4-hr)**
  - Person Volume Per Lane: 7867 (HOV) vs. 6014 (GP-2)
  - Vehicle Volume Per Lane: 6835 (HOV) vs. 6835 (GP-2)
  - AVO<sub>HOV</sub> = 2.5
  - AVO<sub>GP</sub> = 1.2
  - [+91%]
  - [-12%]

28/11/2005
GP vs. HOV Throughput Comparison (2004): I-405 near Southcenter

AM Peak Period: Southbound

PM Peak Period: Northbound

Overall Throughput

Persons Carried

Vehicles Carried

HOV-1

GP-3

Per Lane Throughput (3-hr)

AVO_{HOV} = 2.3
AVO_{GP} = 1.2

Person Volume Per Lane

Vehicle Volume Per Lane

Per Lane Throughput (4-hr)

AVO_{HOV} = 2.3
AVO_{GP} = 1.2

Person Volume Per Lane

Vehicle Volume Per Lane

GP vs. HOV Throughput Comparison (2004)
GP vs. HOV Throughput Comparison (2004): SR 167 near Kent
AM Peak Period: Westbound

Overall Throughput

Persons Carried
- HOV-1: 28%
- GP-2: 72%

Vehicles Carried
- HOV-1: 5%
- GP-2: 95%

Per Lane Throughput (3-hr)

Person Volume Per Lane
- HOV-1: 3647
- GP-2: 4644

Vehicle Volume Per Lane
- HOV-1: 413
- GP-2: 4173

AVO_HOV = 8.8
AVO_GP = 1.1

PM Peak Period: Westbound

Overall Throughput

Persons Carried
- HOV-1: 28%
- GP-2: 74%

Vehicles Carried
- HOV-1: 10%
- GP-2: 90%

Per Lane Throughput (4-hr)

Person Volume Per Lane
- HOV-1: 4341
- GP-2: 6282

Vehicle Volume Per Lane
- HOV-1: 1269
- GP-2: 5629

AVO_HOV = 3.4
AVO_GP = 1.1

GP vs. HOV Throughput Comparison (2004): SR 520 near Medina