GP vs. HOV Throughput Comparison (2007): I-5 near South Everett (Location changed to Ash Way in 2007)
GP vs. HOV Throughput Comparison (2007): I-5 near Northgate
GP vs. HOV Throughput Comparison (2007): I-5 South of Seattle CBD (AM=S 144th St, PM=Albro Pl)
### AM Peak Period: Northbound

**Overall Throughput**
- Persons Carried: 
  - HOV-1: 30%
  - GP-4: 70%
- Vehicles Carried: 
  - HOV-1: 14%
  - GP-4: 86%

**Per Lane Throughput (3-hr)**
- Person Volume Per Lane: 
  - HOV-1: 10637
  - GP-4: 6310
  - [+69%]
- Vehicle Volume Per Lane: 
  - HOV-1: 3456
  - GP-4: 5143
  - [-33%]
- AVO<sub>HOV</sub> = 3.1
- AVO<sub>GP</sub> = 1.2

### PM Peak Period: Southbound

**Overall Throughput**
- Persons Carried: 
  - HOV-1: 29%
  - GP-5: 71%
- Vehicles Carried: 
  - HOV-1: 15%
  - GP-5: 85%

**Per Lane Throughput (4-hr)**
- Person Volume Per Lane: 
  - HOV-1: 13979
  - GP-5: 6685
  - [+109%]
- Vehicle Volume Per Lane: 
  - HOV-1: 4785
  - GP-5: 5432
  - [-12%]
- AVO<sub>HOV</sub> = 2.9
- AVO<sub>GP</sub> = 1.2

**GP vs. HOV Throughput Comparison (2007): I-5 South of Southcenter**
AM Peak Period: Westbound

Overall Throughput

Persons Carried

Vehicles Carried

HOV-2  GP-3

GP vs. Center Lane Throughput Comparison (2007): I-90 Floating Bridge (Center Express Lanes include SOVs)

PM Peak Period: Eastbound

Overall Throughput

Persons Carried

Vehicles Carried

HOV-2  GP-3

Per Lane Throughput (3-hr)

**AVO**

- **HOV**: 2.7
- **GP**: 1.1

[-7%]

Person Volume Per Lane

Vehicle Volume Per Lane

Per Lane Throughput (4-hr)

**AVO**

- **HOV**: 2.5
- **GP**: 1.1

[+3%]

Person Volume Per Lane

Vehicle Volume Per Lane
GP vs. HOV Throughput Comparison (2007): I-90 near Issaquah
GP vs. HOV Throughput Comparison (2007): I-405 near Kirkland
GP vs. HOV Throughput Comparison (2007): I-405 near Renton (Cedar Avenue)
AM Peak Period: Northbound

<table>
<thead>
<tr>
<th></th>
<th>HOV-1</th>
<th>GP-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persons Carried</td>
<td>50%</td>
<td>50%</td>
</tr>
<tr>
<td>Vehicles Carried</td>
<td>33%</td>
<td>67%</td>
</tr>
</tbody>
</table>

PM Peak Period: Southbound

<table>
<thead>
<tr>
<th></th>
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<th>GP-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persons Carried</td>
<td>50%</td>
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<tr>
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<td>33%</td>
<td>67%</td>
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</tbody>
</table>

Per Lane Throughput (3-hr)

<table>
<thead>
<tr>
<th></th>
<th>HOV-1</th>
<th>GP-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Person Volume Per Lane</td>
<td>9643</td>
<td>4002</td>
</tr>
<tr>
<td>Vehicle Volume Per Lane</td>
<td>4870</td>
<td>4050</td>
</tr>
</tbody>
</table>

AVO_{HOV}= 2.4
AVO_{GP}= 1.2

[+98%] [-2%]

Per Lane Throughput (4-hr)

<table>
<thead>
<tr>
<th></th>
<th>HOV-1</th>
<th>GP-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Person Volume Per Lane</td>
<td>15009</td>
<td>7593</td>
</tr>
<tr>
<td>Vehicle Volume Per Lane</td>
<td>6252</td>
<td>6466</td>
</tr>
</tbody>
</table>

AVO_{HOV}= 2.4
AVO_{GP}= 1.2

[+98%] [-3%]

GP vs. HOV Throughput Comparison (2007): I-405 near Newcastle
AM Peak Period: Westbound

Overall Throughput

Persons Carried

Vehicles Carried

HOV-1

GP-2

30% 70%

3% 94%

Per Lane Throughput (3-hr)

AVOHOV = 8.2
AVOGP = 1.1

[-14%] 4097 4763 [-88%] 4189

Person Volume Per Lane Vehicle Volume Per Lane

PM Peak Period: Westbound

Overall Throughput

Persons Carried

Vehicles Carried

HOV-1

GP-2

32% 68%

13% 87%

Per Lane Throughput (4-hr)

AVOHOV = 3.6
AVOGP = 1.1

[-5%] 5618 5920 [-70%] 5269

Person Volume Per Lane Vehicle Volume Per Lane

GP vs. HOV Throughput Comparison (2006): SR 520 near Medina
GP vs. HOV Throughput Comparison (2007): SR 167 near Kent
GP vs. HOV Throughput Comparison (2007): SR 520 near Medina