



Prepared for: **SCJ Alliance/Shea Carr Jewell**
Traffic Count Consultants, Inc.

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WBE/DBE

Intersection: Capitol Blvd SE & Trospen Rd SW
 Location: Tumwater, Washington

Date of Count: Wed 3/05/2014
 Checked By: Jess

| Time Interval | From North on (SB) Capitol Blvd SE | | | | From South on (NB) Capitol Blvd SE | | | | From East on (WB) Trospen Rd SW | | | | From West on (EB) Trospen Rd SW | | | | Interval Total |
|---------------|---------------------------------------|---|-----|----|---------------------------------------|-----|-----|---|------------------------------------|----|---|---|------------------------------------|----|----|-----|----------------|
| | T | L | S | R | T | L | S | R | T | L | S | R | T | L | S | R | |
| 7:15 A | 4 | 1 | 47 | 21 | 2 | 103 | 46 | 0 | 0 | 4 | 4 | 1 | 3 | 22 | 9 | 169 | 427 |
| 7:30 A | 1 | 1 | 97 | 36 | 3 | 120 | 69 | 1 | 0 | 3 | 2 | 1 | 0 | 36 | 8 | 202 | 576 |
| 7:45 A | 2 | 7 | 109 | 50 | 5 | 126 | 98 | 0 | 0 | 5 | 5 | 3 | 2 | 45 | 9 | 221 | 678 |
| 8:00 A | 2 | 1 | 132 | 42 | 8 | 133 | 119 | 0 | 0 | 7 | 7 | 2 | 2 | 36 | 12 | 278 | 769 |
| 8:15 A | 6 | 7 | 87 | 39 | 5 | 128 | 70 | 0 | 0 | 5 | 8 | 1 | 2 | 40 | 7 | 175 | 567 |
| 8:30 A | 3 | 3 | 73 | 41 | 8 | 135 | 67 | 1 | 0 | 10 | 6 | 5 | 3 | 34 | 8 | 146 | 529 |
| 8:45 A | 1 | 3 | 49 | 33 | 6 | 149 | 68 | 1 | 1 | 2 | 7 | 0 | 3 | 25 | 4 | 120 | 461 |
| 9:00 A | 4 | 5 | 71 | 30 | 5 | 119 | 63 | 0 | 0 | 3 | 6 | 0 | 4 | 42 | 18 | 140 | 497 |
| 9:15 A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | |
|--------------|----|----|-----|-----|----|------|-----|---|---|----|----|----|----|-----|----|------|------|
| Total Survey | 23 | 28 | 665 | 292 | 42 | 1013 | 600 | 3 | 1 | 39 | 45 | 13 | 19 | 280 | 75 | 1451 | 4504 |
|--------------|----|----|-----|-----|----|------|-----|---|---|----|----|----|----|-----|----|------|------|

| | | | | | | | | | | | | | | | | | |
|-------------------------------|------|----|-----|-----|------|-----|-----|---|------|----|----|---|------|-----|----|-----|------|
| Peak Hour: 7:15 AM to 8:15 AM | | | | | | | | | | | | | | | | | |
| Total | 11 | 16 | 425 | 167 | 21 | 507 | 356 | 1 | 0 | 20 | 22 | 7 | 6 | 157 | 36 | 876 | 2590 |
| Approach | 608 | | | | 864 | | | | 49 | | | | 1069 | | | | 2590 |
| %HV | 1.8% | | | | 2.4% | | | | n/a | | | | 0.6% | | | | 1.5% |
| PHF | 0.87 | | | | 0.86 | | | | 0.77 | | | | 0.82 | | | | 0.84 |

Capitol Blvd SE
 1128 (Northbound)
 608 (Southbound)
 520 (Eastbound)
 167 (Westbound)

Trospen Rd SW
 696 (Northbound)
 1765 (Southbound)
 1069 (Eastbound)
 157 (Westbound)
 36 (Bike)
 876 (Total)

Capitol Blvd SE
 507 (Northbound)
 356 (Southbound)
 1 (Eastbound)
 3076 (1.0 PHF Peak Hour Volume)

Trospen Rd SW
 49 (Northbound)
 102 (Southbound)
 53 (Eastbound)

Capitol Blvd SE
 1321 (Northbound)
 864 (Southbound)
 2185 (Eastbound)

PHF %HV

| | | | |
|-----------|------|------|------|
| EB | 0.82 | 0.6% | |
| WB | 0.77 | n/a | |
| In: 2590 | NB | 0.86 | 2.4% |
| Out: 2590 | SB | 0.83 | 1.8% |
| T Int. | 0.84 | 1.5% | |

Bicycles From:

| INT | N | S | E | W |
|--------------|----------|----------|----------|----------|
| INT 01 | | | | |
| INT 02 | | 2 | | |
| INT 03 | | | | |
| INT 04 | | | | |
| INT 05 | | | | |
| INT 06 | 1 | | | |
| INT 07 | | | | |
| INT 08 | | | | |
| INT 09 | | | | |
| INT 10 | | | | |
| INT 11 | | | | |
| INT 12 | | | | |
| Total | 1 | 2 | 0 | 0 |

Special Notes:



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WBE/DBE

Intersection: Capitol Blvd SE & Trosper Rd SW
 Location: Tumwater, Washington

Date of Count: Wed 3/05/2014
 Checked By: Jess

| Time Interval | From North on (SB) Capitol Blvd SE | | | | From South on (NB) Capitol Blvd SE | | | | From East on (WB) Trosper Rd SW | | | | From West on (EB) Trosper Rd SW | | | | Interval Total |
|---------------|---------------------------------------|---|-----|----|---------------------------------------|-----|-----|---|------------------------------------|----|----|----|------------------------------------|----|----|-----|----------------|
| | T | L | S | R | T | L | S | R | T | L | S | R | T | L | S | R | |
| 4:15 P | 6 | 3 | 88 | 92 | 4 | 190 | 123 | 3 | 0 | 5 | 16 | 3 | 1 | 64 | 10 | 150 | 747 |
| 4:30 P | 1 | 5 | 95 | 51 | 1 | 162 | 86 | 3 | 0 | 7 | 10 | 4 | 1 | 76 | 16 | 144 | 659 |
| 4:45 P | 1 | 4 | 97 | 78 | 2 | 206 | 137 | 5 | 0 | 9 | 17 | 12 | 0 | 83 | 12 | 154 | 814 |
| 5:00 P | 1 | 1 | 105 | 92 | 3 | 225 | 130 | 3 | 0 | 7 | 15 | 6 | 0 | 62 | 15 | 131 | 792 |
| 5:15 P | 3 | 6 | 135 | 95 | 2 | 166 | 146 | 2 | 0 | 6 | 18 | 8 | 2 | 63 | 10 | 160 | 815 |
| 5:30 P | 1 | 2 | 129 | 83 | 6 | 174 | 161 | 1 | 0 | 7 | 20 | 7 | 1 | 74 | 10 | 134 | 802 |
| 5:45 P | 1 | 6 | 128 | 90 | 1 | 184 | 107 | 0 | 0 | 11 | 10 | 9 | 4 | 81 | 6 | 143 | 775 |
| 6:00 P | 1 | 6 | 84 | 72 | 2 | 150 | 89 | 2 | 0 | 6 | 14 | 5 | 1 | 91 | 5 | 137 | 661 |
| 6:15 P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Total Survey | 15 | 33 | 861 | 653 | 21 | 1457 | 979 | 19 | 0 | 58 | 120 | 54 | 10 | 594 | 84 | 1153 | 6065 |
|-------------------------------|------|----|-----|-----|------|------|-----|----|------|----|-----|----|------|-----|----|------|------|
| Peak Hour: 4:30 PM to 5:30 PM | | | | | | | | | | | | | | | | | |
| Total | 6 | 13 | 466 | 348 | 13 | 771 | 574 | 11 | 0 | 29 | 70 | 33 | 3 | 282 | 47 | 579 | 3223 |
| Approach | 827 | | | | 1356 | | | | 132 | | | | 908 | | | | 3223 |
| %HV | 0.7% | | | | 1.0% | | | | n/a | | | | 0.3% | | | | 0.7% |
| PHF | 0.88 | | | | 0.95 | | | | 0.87 | | | | 0.91 | | | | 0.99 |

Capitol Blvd SE
 1716
 827
 889
 2 Bike
 2 Ped

Trosper Rd SW
 348
 466
 13
 33
 70
 29
 132
 203
 0 Bike
 3 Ped

4:30 PM to 5:30 PM

Capitol Blvd SE
 1189 Ped
 5 Bike
 0
 2097
 908
 282
 47
 579
 0 Ped
 1 Bike
 771
 574
 11
 3260
 1.0 PHF Peak Hour Volume

PHF %HV

| Check | EB | WB | NB | SB | T Int. |
|-----------|------|------|------|------|--------|
| In: 3223 | 0.91 | 0.87 | 0.95 | 0.98 | 0.99 |
| Out: 3223 | 0.3% | n/a | 1.0% | 0.7% | 0.7% |

Bicycles From:

| | N | S | E | W | |
|--------------|----------|----------|----------|----------|----------|
| INT 01 | | | | | 0 |
| INT 02 | | | | | 0 |
| INT 03 | | | | | 0 |
| INT 04 | 1 | 1 | | | 2 |
| INT 05 | 1 | | | | 1 |
| INT 06 | | | | | 0 |
| INT 07 | | | | | 0 |
| INT 08 | 1 | | | | 1 |
| INT 09 | | | | | 0 |
| INT 10 | | | | | 0 |
| INT 11 | | | | | 0 |
| INT 12 | | | | | 0 |
| Total | 3 | 1 | 0 | 0 | 4 |

PEDS Across:

| | N | S | E | W | Total |
|--------------|----------|----------|-----------|-----------|-----------|
| INT 01 | 2 | | 4 | 4 | 10 |
| INT 02 | 3 | | 2 | 5 | 10 |
| INT 03 | 1 | | 1 | | 2 |
| INT 04 | 1 | | | 1 | 2 |
| INT 05 | | | 2 | 2 | 4 |
| INT 06 | | | 2 | 2 | 4 |
| INT 07 | 1 | | 2 | | 3 |
| INT 08 | | | | | 0 |
| INT 09 | | | | | 0 |
| INT 10 | | | | | 0 |
| INT 11 | | | | | 0 |
| INT 12 | | | | | 0 |
| Total | 8 | 0 | 11 | 14 | 33 |

Special Notes

Tumwater, Washington
 Lane Utilization Study
 Capitol Blvd SE & Trosper Rd
 Wednesday March 5th, 2014



| From South - Capitol Blvd SE | | | | | | | | From West - Trosper Rd | | |
|------------------------------|---------------------|---------------------|---------------------|--|---------------------------------------|---|---|------------------------|---------------------|---------------------|
| Interval Time Ending | NB Thru from Shared | NB Left from Shared | NB Left - Exclusive | NB Left - Cutover from Exclusive to I-5 NB On Ramp | WB Thru from Shared to I-5 NB On Ramp | NB Left from Shared to Taco Bell Driveway | NB Left turns - Either Lane - to I-5 NB On Ramp | EB Thru from Shared | EB Left From Shared | EB Left - Exclusive |
| 7:15 | 17 | 81 | 22 | 1 | 76 | 2 | 75 | 9 | 11 | 11 |
| 7:30 | 25 | 90 | 30 | 2 | 85 | 0 | 87 | 7 | 20 | 16 |
| 7:45 | 29 | 98 | 28 | 4 | 93 | 0 | 97 | 9 | 25 | 20 |
| 8:00 | 40 | 95 | 38 | 2 | 89 | 0 | 91 | 10 | 22 | 14 |
| 8:15 | 13 | 104 | 24 | 2 | 92 | 0 | 94 | 7 | 20 | 20 |
| 8:30 | 18 | 104 | 31 | 3 | 103 | 0 | 106 | 5 | 14 | 20 |
| 8:45 | 25 | 109 | 40 | 2 | 105 | 2 | 105 | 3 | 15 | 10 |
| 9:00 | 18 | 86 | 33 | 6 | 84 | 0 | 90 | 17 | 16 | 26 |

| From South - Capitol Blvd SE | | | | | | | | From West - Trosper Rd | | |
|------------------------------|---------------------|---------------------|---------------------|--|---------------------------------------|---|---|------------------------|---------------------|---------------------|
| Interval Time Ending | NB Thru from Shared | NB Left from Shared | NB Left - Exclusive | NB Left - Cutover from Exclusive to I-5 NB On Ramp | WB Thru from Shared to I-5 NB On Ramp | NB Left from Shared to Taco Bell Driveway | NB Left turns - Either Lane - to I-5 NB On Ramp | EB Thru from Shared | EB Left From Shared | EB Left - Exclusive |
| 16:15 | 15 | 138 | 52 | 5 | 125 | 0 | 130 | 10 | 23 | 41 |
| 16:30 | 15 | 121 | 41 | 1 | 115 | 0 | 116 | 16 | 27 | 49 |
| 16:45 | 14 | 159 | 47 | 5 | 148 | 1 | 152 | 12 | 35 | 48 |
| 17:00 | 15 | 172 | 53 | 3 | 166 | 2 | 167 | 12 | 24 | 38 |
| 17:15 | 20 | 123 | 43 | 1 | 120 | 1 | 120 | 10 | 28 | 35 |
| 17:30 | 30 | 129 | 45 | 0 | 126 | 0 | 126 | 8 | 28 | 46 |
| 17:45 | 16 | 122 | 62 | 1 | 122 | 1 | 122 | 4 | 29 | 52 |
| 18:00 | 21 | 98 | 52 | 2 | 96 | 1 | 97 | 5 | 23 | 68 |