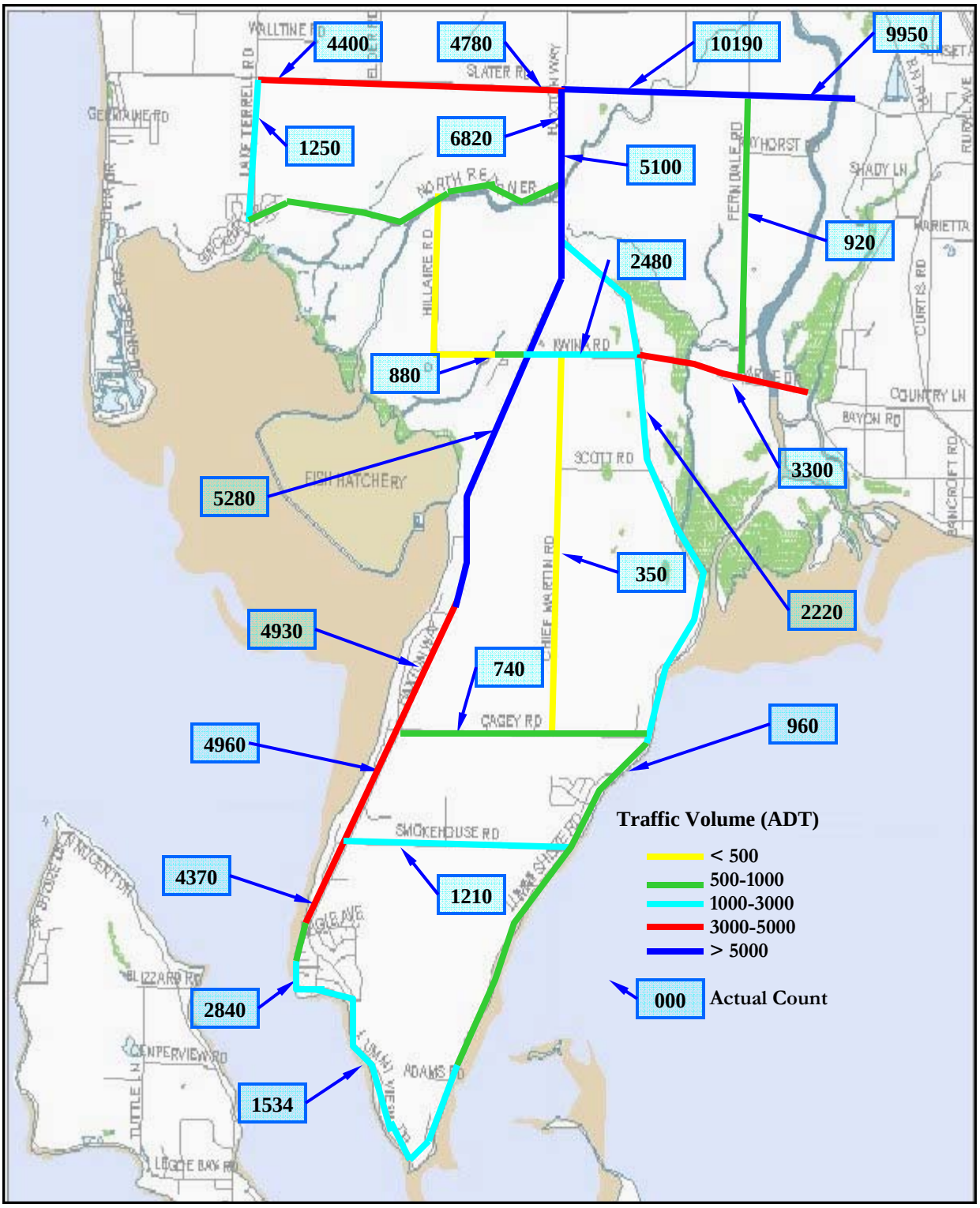
## Traffic Volume

| Intersection NS | Intersection EW | Approach | Mon | Tue | Wed | Thu | Fri | Daily Average | Sat | Sun | Weekend Average | Weekend As % Daily |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chief Martin | Cagey Rd | North | 377 | 318 | 375 | 302 | 360 | 346 | 229 | 224 | 227 | 65% |
| Chief Martin | Scott Rd | East 2002 | 231 | 214 | 228 | 244 | 261 | 236 | 144 | 177 | 161 | 68% |
| Ferndale Rd | Marine Dr | West 2004 | 3246 | 3352 | 3271 | 3253 | 3329 | 3290 | 2603 | 2366 | 2485 | 76% |
| Ferndale Rd | Slater Rd | West | 9743 | 9788 | 10189 | 10318 | 10915 | 10191 | 8283 | 10238 | 9261 | 91% |
| Ferndale Rd | Slater Rd | East | 9440 | 9487 | | | 10895 | 9941 | 9605 | 7699 | 8652 | 87% |
| Ferndale Rd | Slater Rd | South | 907 | 848 | | | 994 | 916 | 681 | 994 | 838 | 91% |
| Ferndale Rd | Slater Rd | North | 1041 | 1013 | | | 1190 | 1081 | 936 | 783 | 860 | 79% |
| Haxton Wy | Cagey Rd | East | Holiday | 699 | 748 | 731 | 765 | 736 | 536 | 693 | 615 | 84% |
| Haxton Wy | Cagey Rd | North | Holiday | 4747 | 4813 | 4933 | 5226 | 4930 | 2727 | 4600 | 3664 | 74% |
| Haxton Wy | Cagey Rd | South | Holiday | 4528 | 4924 | 5042 | 5348 | 4961 | 4118 | 2838 | 3478 | 70% |
| Haxton Wy | Cagey Rd | South | | 4863 | 4678 | 4894 | | 4812 | | | | |
| Haxton Wy | Cagey Rd | West | 235 | 265 | 240 | 280 | 311 | 266 | 216 | 171 | 194 | 73% |
| Haxton Wy | Kwina Rd | East | Holiday | 2604 | 2434 | 2358 | 2529 | 2481 | 1139 | 865 | 1002 | 40% |
| Haxton Wy | Kwina Rd | South | Holiday | 5085 | 5134 | 5275 | 5617 | 5278 | 4286 | 2914 | 3600 | 68% |
| Haxton Wy | Kwina Rd | West | Holiday | 889 | 861 | 825 | 929 | 876 | 483 | 410 | 447 | 51% |
| Haxton Wy | Lampman Rd | South 2001 | 970 | 984 | 1003 | 983 | 1067 | 1001 | 775 | 682 | 729 | 73% |
| Haxton Wy | McKenzie Rd | North | | | 4348 | 4398 | 4367 | 4371 | 3694 | 3793 | 3744 | 86% |
| Haxton Wy | McKenzie Rd | South 2001 | | | 2163 | 3195 | 3166 | 2841 | 2721 | 2771 | 2746 | 97% |
| Haxton Wy | N Red River Rd | West | 293 | 333 | 340 | 378 | 332 | 335 | 357 | 317 | 337 | 101% |
| Haxton Wy | Red River Rd | North 2002 | 5076 | 4150 | 5048 | 5241 | 5971 | 5097 | 4674 | 4018 | 4346 | 85% |
| Haxton Wy | Slater Rd | North | Holiday | 1339 | 1498 | 1322 | 1361 | 1380 | 1284 | 1046 | 1165 | 84% |
| Haxton Wy | Slater Rd | South | Holiday | 6435 | 6514 | 6729 | 7574 | 6813 | 6848 | 4960 | 5904 | 87% |
| Haxton Wy | Slater Rd | West | | 4848 | 4697 | 4708 | 4868 | 4780 | 3778 | 3638 | 3708 | 78% |
| Haxton Wy | Smokehouse | East | 1248 | 1149 | 1201 | 1175 | 1276 | 1210 | 1179 | 1178 | 1179 | 97% |
| Lake Terrell Rd | Slater Rd | East | 4222 | 4521 | 4485 | 4548 | 4261 | 4407 | 3431 | 3246 | 3339 | 76% |
| Lake Terrell Rd | Slater Rd | South | 1149 | 1210 | 1259 | 1315 | 1286 | 1244 | 1284 | 1208 | 1246 | 100% |
| Lummi Shore | Cagey Rd | South 2001 | | | 889 | 1006 | | 948 | | | | |
| Lummi Shore | Kwina Rd | South 2002 | 2157 | | 2021 | 2257 | 2451 | 2222 | 2155 | 1879 | 2017 | 91% |
| Lummi View | Finkbonner | East 2002 | 1112 | 1422 | 1478 | 1436 | 2222 | 1534 | 1366 | 1554 | 1460 | 95% |

Notes: Data is 2005 unless otherwise indicated in the "Approach" column
Traffic Count information from Whatcom County Engineering

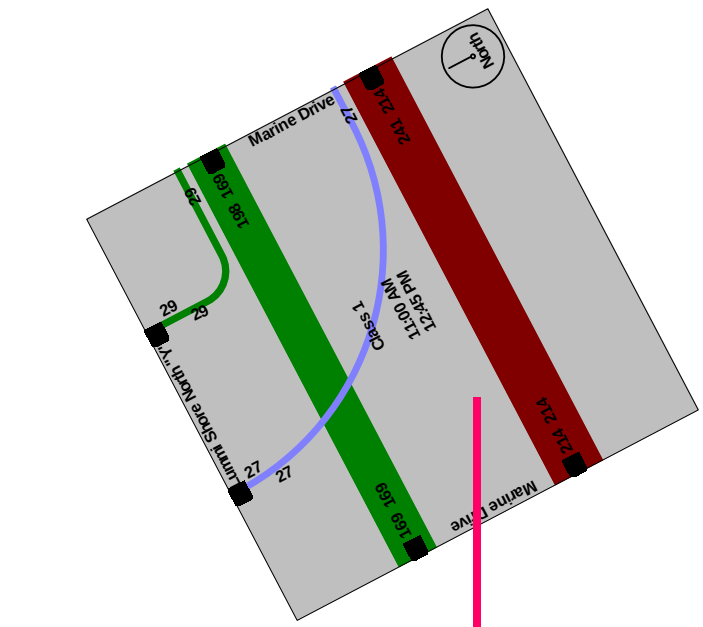
# Traffic Volume

## Whatcom County—Lummi Nation Traffic Study




11/29/2005

# Whatcom County Lummi Nation Reservation-Wide Traffic Study
## Noon Traffic Flow—Kwina Rd/Marine Dr/Lummi Shore Dr



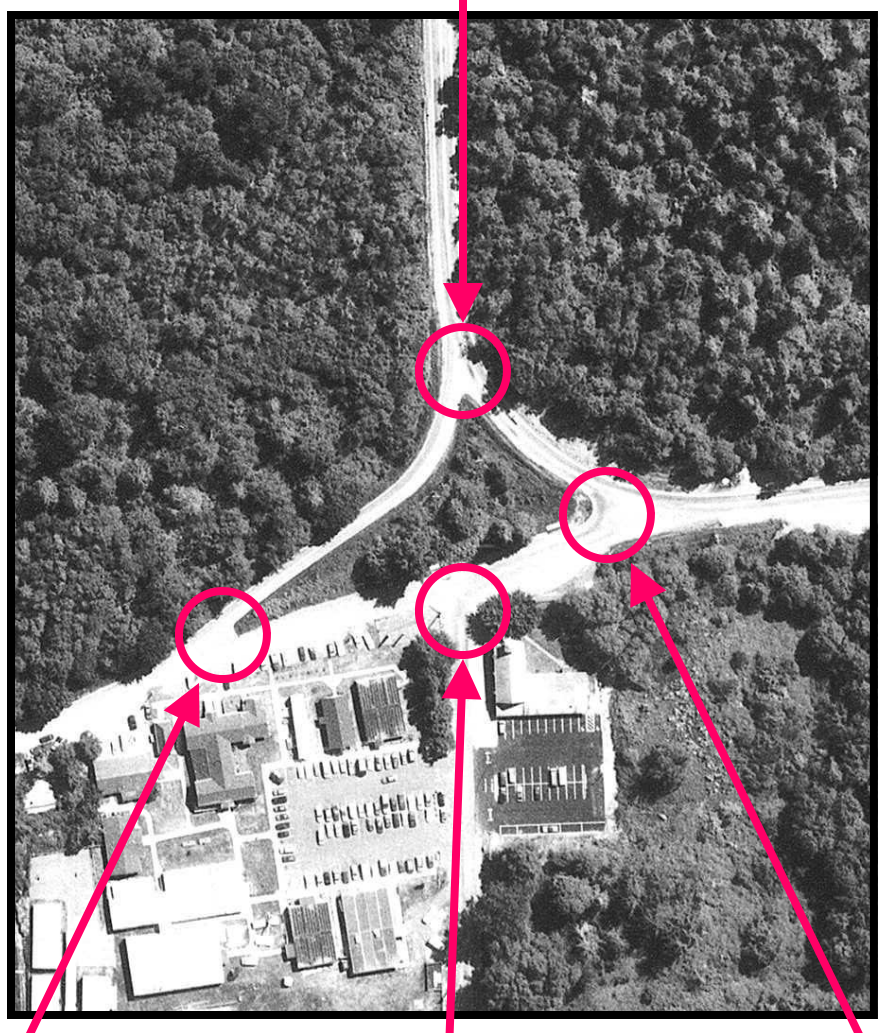
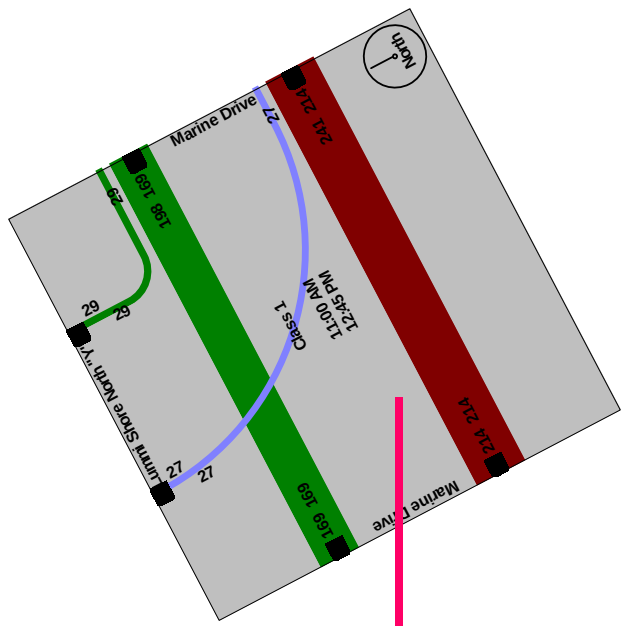



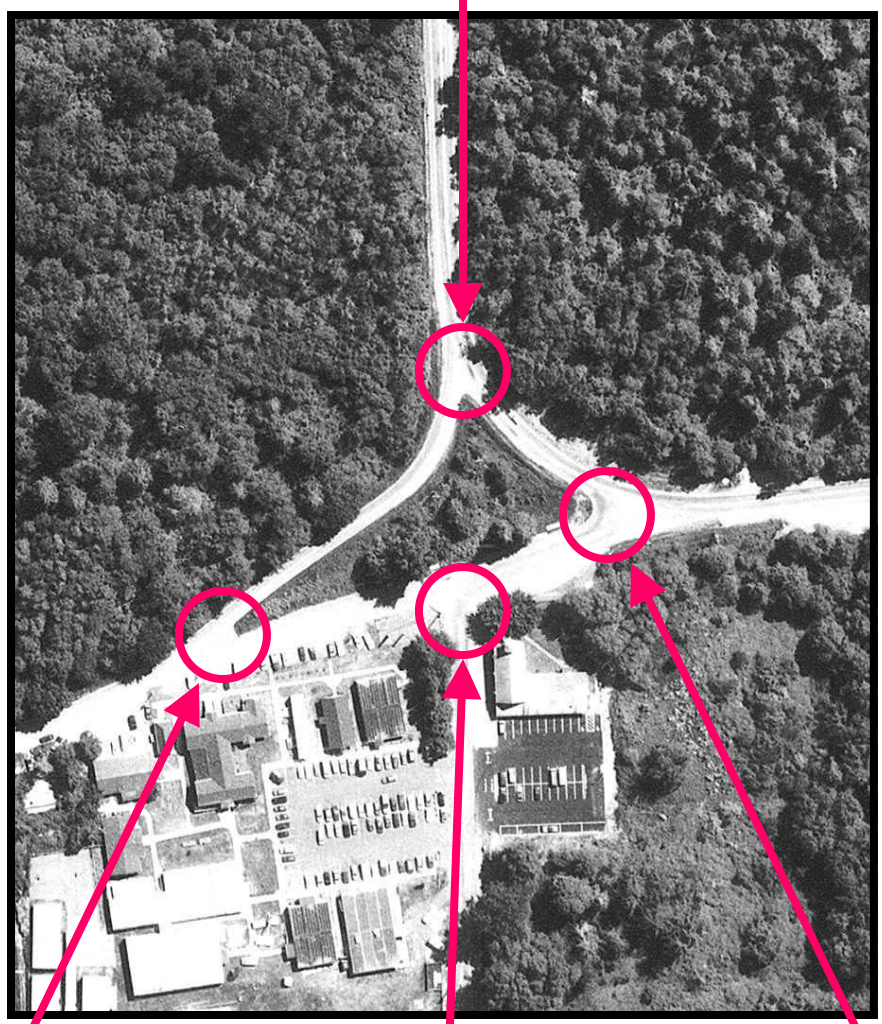
**Figure 2-4**

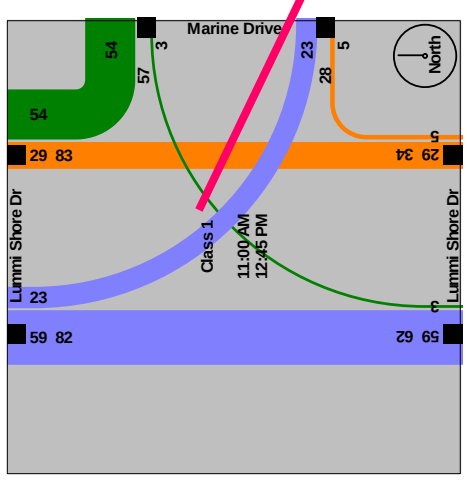
RH2 Engineering
454 W Horton Road
Bellingham, WA 98226
360.676.6850

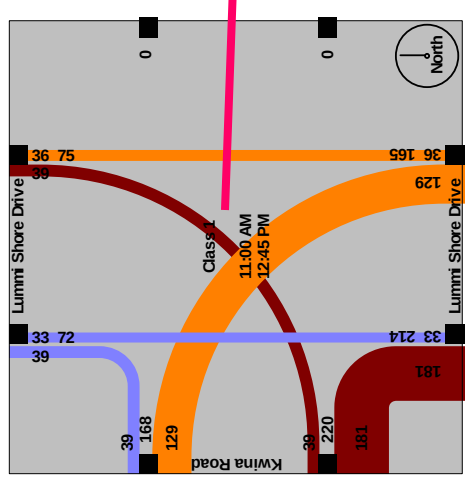
**Data from traffic counts taken on date and time indicated:**
October 26, 2005 11:00AM to 1:00PM

# Whatcom County Lummi Nation Reservation-Wide Traffic Study
## Noon Traffic Flow—Kwina Rd/Marine Dr/Lummi Shore Dr





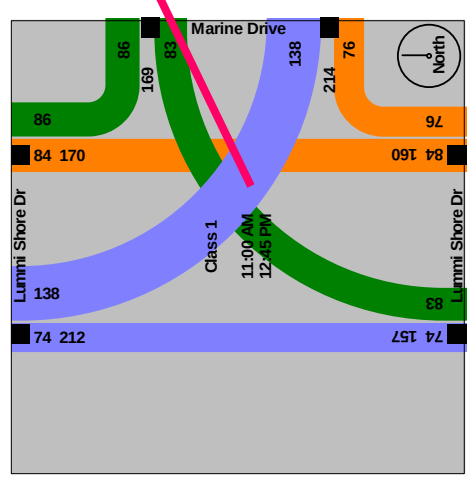




**Figure 2-4**

RH2 Engineering
454 W Horton Road
Bellingham, WA 98226
360.676.6850

**Data from traffic counts taken on date and time indicated:**
October 26, 2005 11:00AM to 1:00PM

# Whatcom County Lummi Nation Reservation-Wide Traffic Study
## Evening Peak Traffic Flow—Kwina Rd/Marine Dr/Lummi Shore Dr

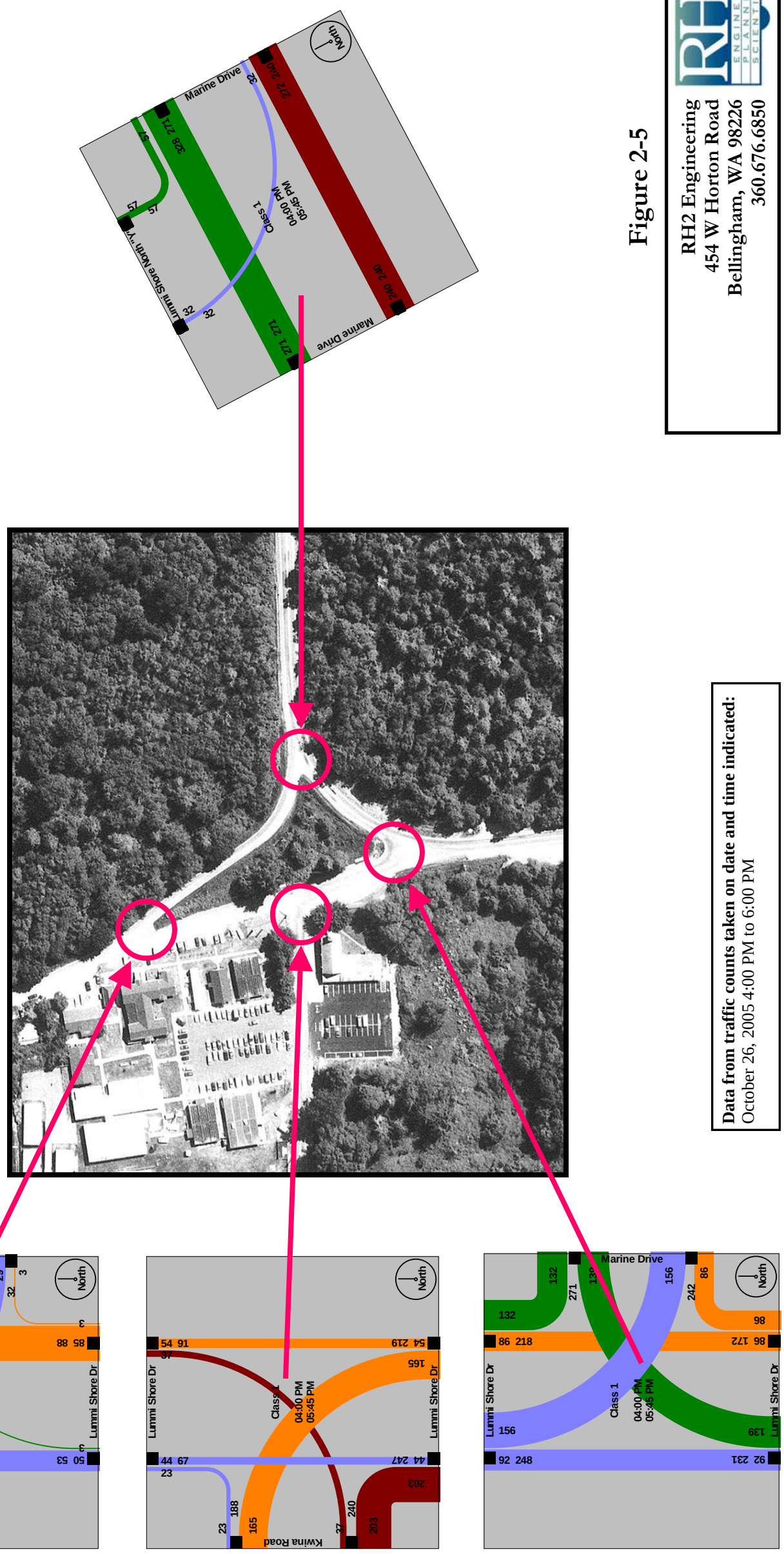


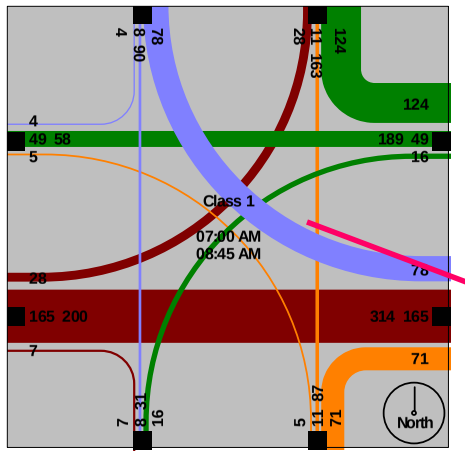

Figure 2-5

RH2 Engineering
454 W Horton Road
Bellingham, WA 98226
360.676.6850

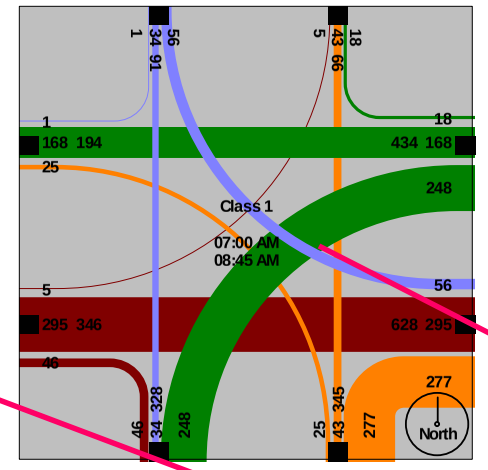
**Data from traffic counts taken on date and time indicated:**
October 26, 2005 4:00 PM to 6:00 PM

# Whatcom County Lummi Nation Reservation-Wide Traffic Study
## Morning Peak Traffic Flow

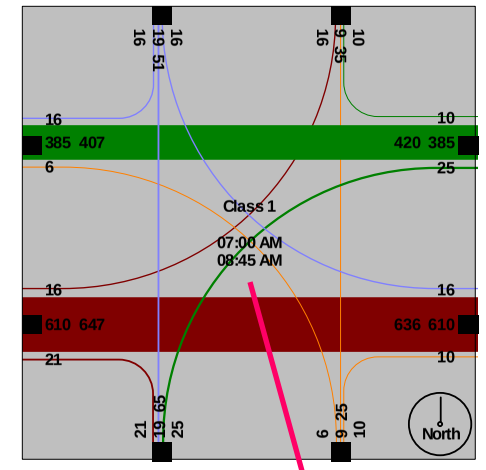
Lake Terrell & Slater



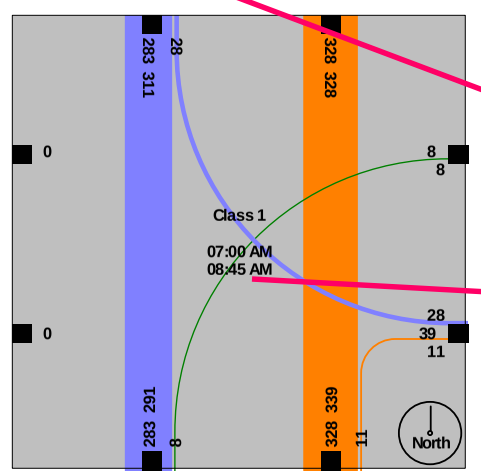

Haxton & Slater



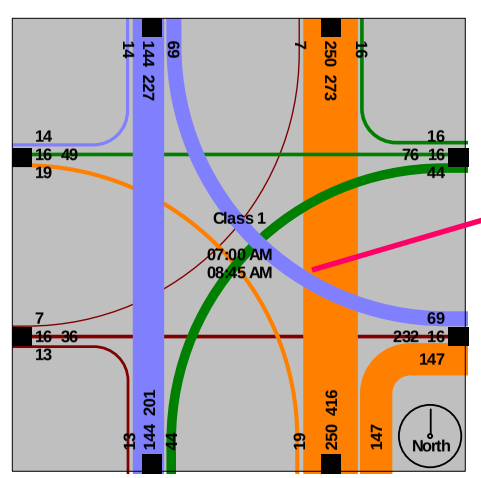

Ferndale & Slater

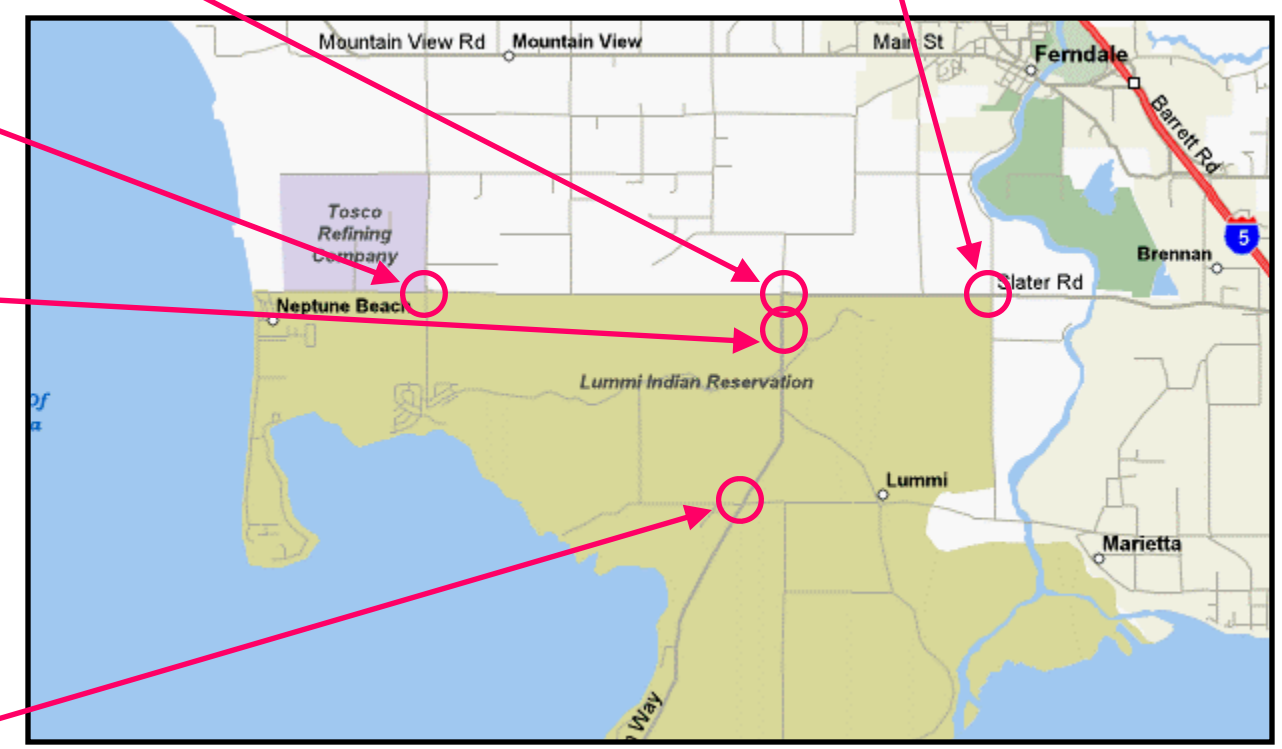



Haxton & Casino Entrance




Haxton & Kwina



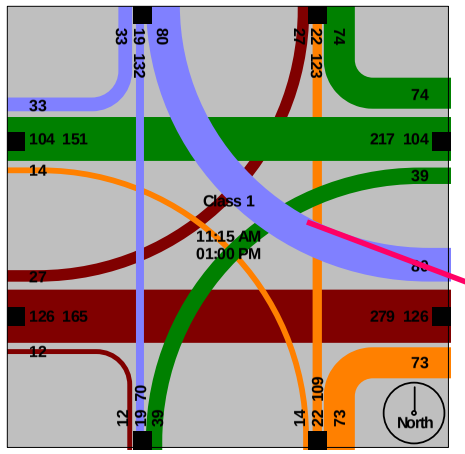

**Data from traffic counts taken on date and time indicated:**
September 6, 2005 7:00AM to 9:00AM
Haxton @ Kwina; Lake Terrell @ Slater
September 7, 2005 7:00AM to 9:00AM
Ferndale @ Slater
September 8, 2005 7:00AM to 9:00AM
Slater @ Haxton; Haxton @ Casino

**Figure 2-6**

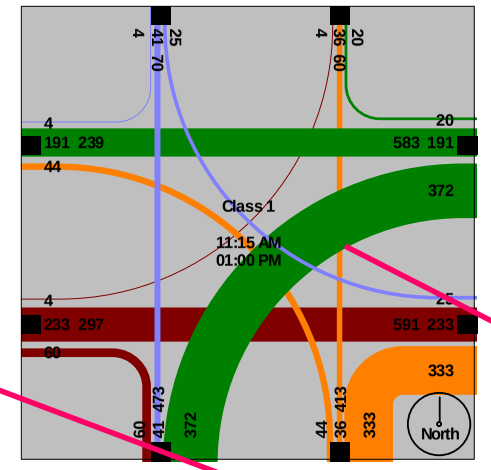
RH2 Engineering
454 W Horton Road
Bellingham, WA 98226
360.676.6850

# Whatcom County Lummi Nation Reservation-Wide Traffic Study
## Noontime Traffic Flow

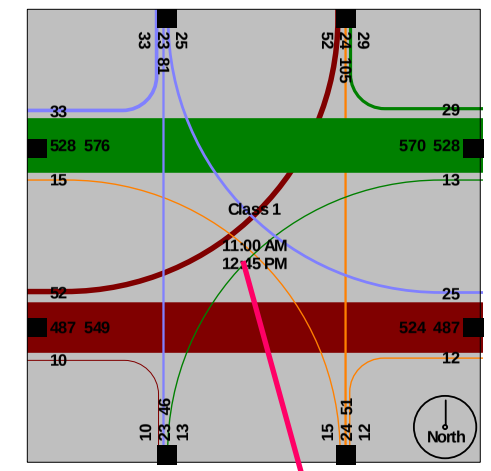
Lake Terrell & Slater



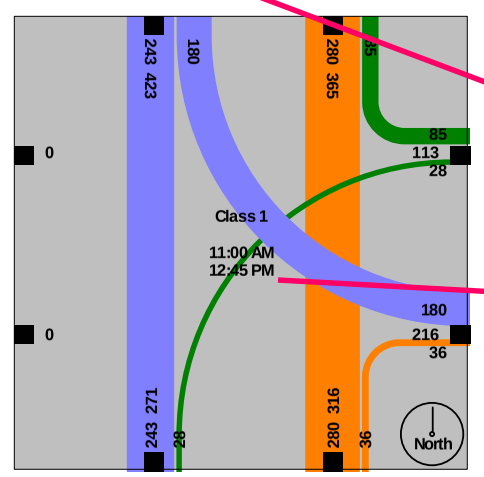

Haxton & Slater



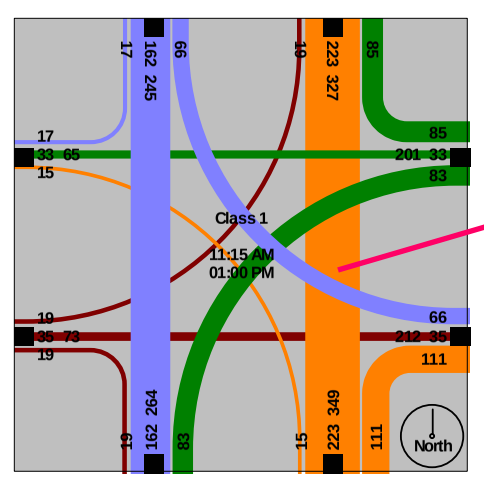

Ferndale & Slater




Haxton & Casino Entrance




Haxton & Kwina



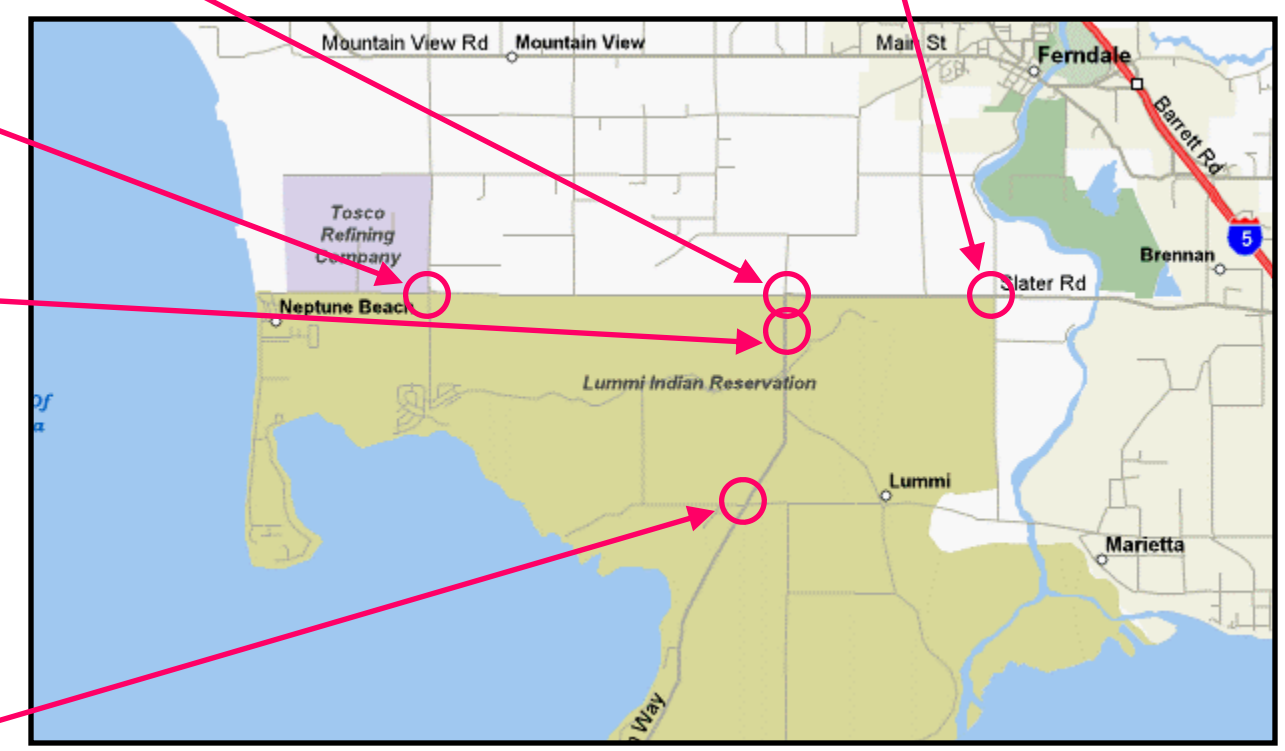



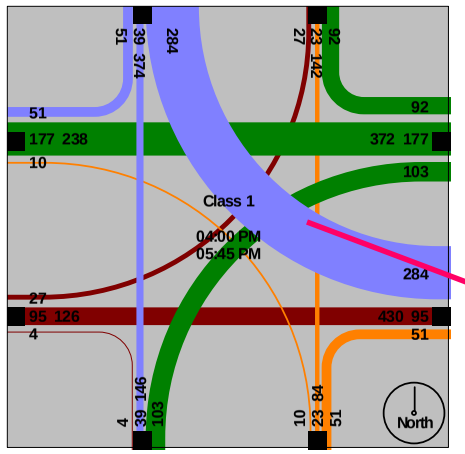

Figure 2-7

**Data from traffic counts taken on date and time indicated:**
September 6, 2005 11:00AM to 1:00PM
Haxton @ Kwina; Lake Terrell @ Slater
September 7, 2005 11:00AM to 1:00PM
Ferndale @ Slater
September 8, 2005 11:00AM to 1:00PM
Slater @ Haxton; Haxton @ Casino

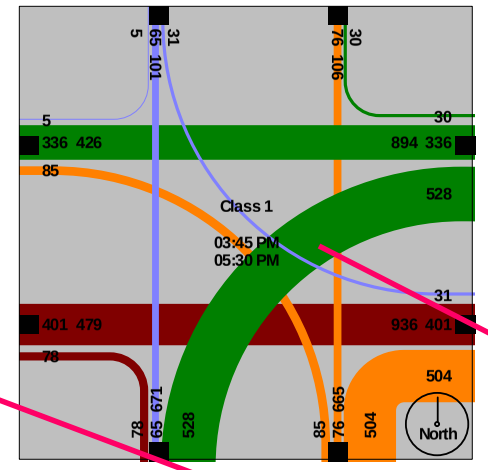
RH2 Engineering
454 W Horton Road
Bellingham, WA 98226
360.676.6850

# Whatcom County Lummi Nation Reservation-Wide Traffic Study
## Afternoon Peak Traffic Flow

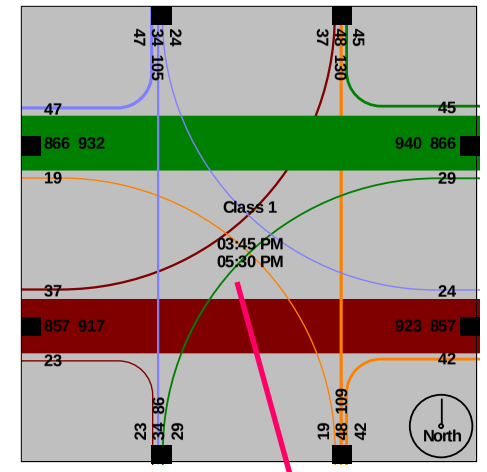
Lake Terrell & Slater



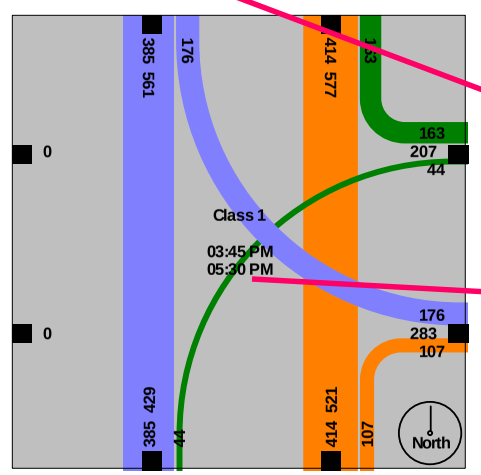

Haxton & Slater



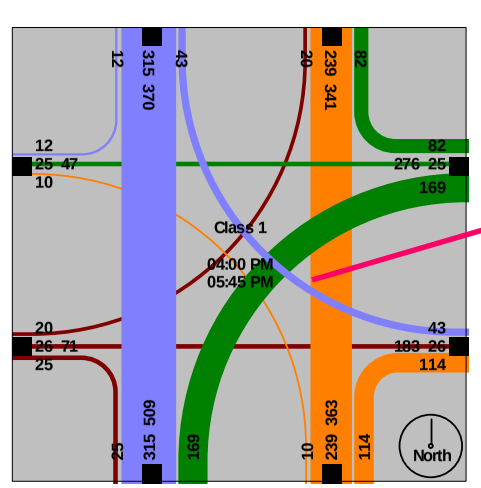

Ferndale & Slater

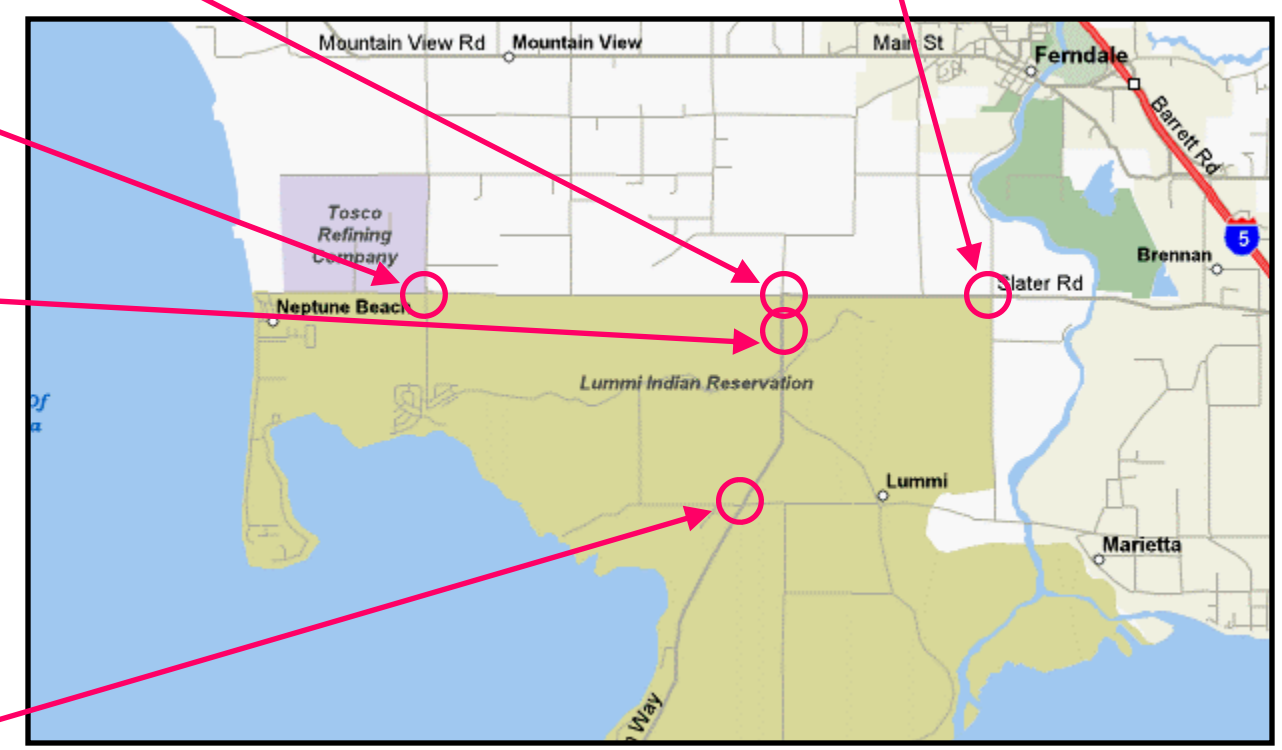



Haxton & Casino Entrance




Haxton & Kwina




**Data from traffic counts taken on date and time indicated:**
September 6, 2005 4:00PM to 6:00PM
Haxton @ Kwina; Lake Terrell @ Slater
September 7, 2005 3:45PM to 5:45PM
Ferndale @ Slater
September 8, 2005 3:45PM to 5:45PM
Slater @ Haxton; Haxton @ Casino

**Figure 2-8**

RH2 Engineering
454 W Horton Road
Bellingham, WA 98226
360.676.6850

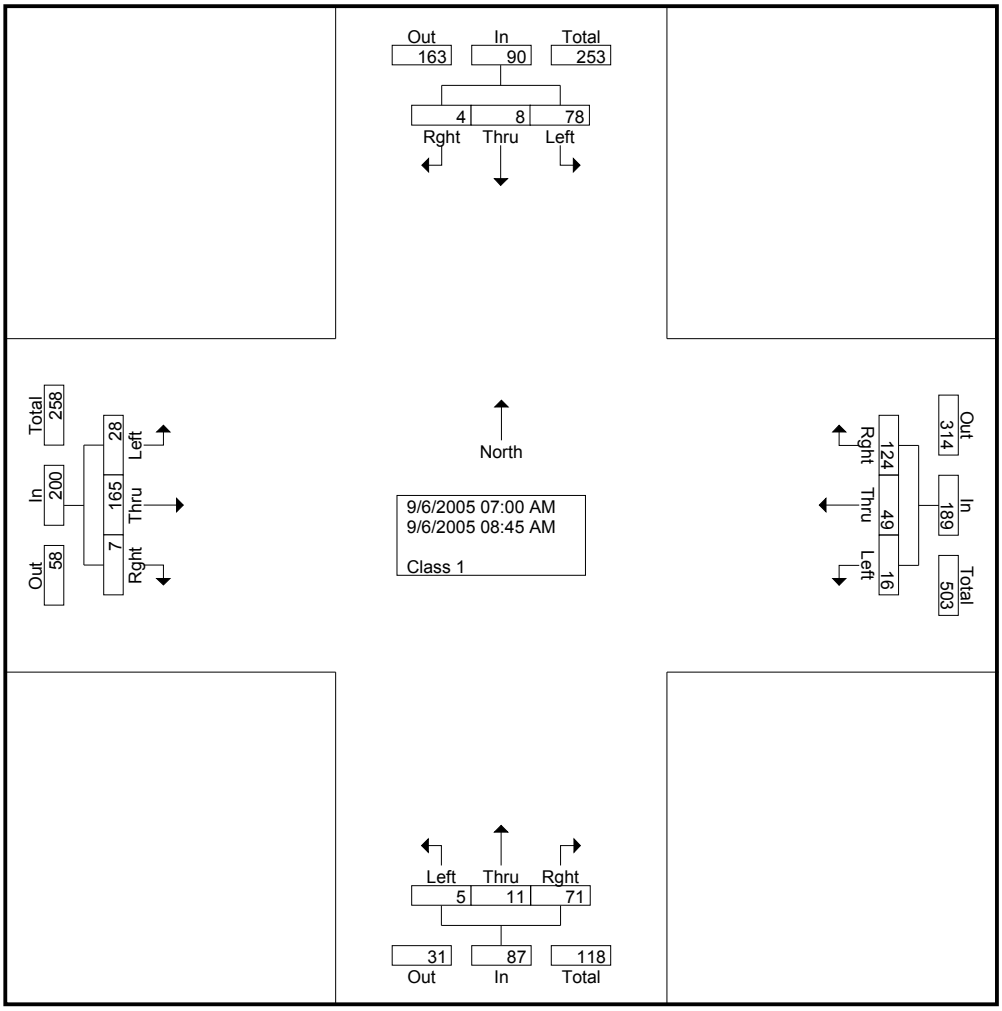
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Lk Terrell-Slater AM
Site Code : 00000000
Start Date : 9/6/2005
Page No : 1

Groups Printed- Class 1

| | From North | | | From East | | | From South | | | From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 07:00 AM | 0 | 1 | 9 | 27 | 7 | 0 | 6 | 2 | 0 | 0 | 17 | 2 | 71 |
| 07:15 AM | 0 | 0 | 11 | 35 | 4 | 2 | 15 | 2 | 0 | 1 | 22 | 2 | 94 |
| 07:30 AM | 2 | 0 | 8 | 11 | 6 | 2 | 9 | 1 | 0 | 0 | 22 | 4 | 65 |
| 07:45 AM | 1 | 2 | 8 | 13 | 5 | 3 | 9 | 1 | 1 | 1 | 22 | 6 | 72 |
| Total | 3 | 3 | 36 | 86 | 22 | 7 | 39 | 6 | 1 | 2 | 83 | 14 | 302 |
| 08:00 AM | 0 | 2 | 12 | 10 | 7 | 2 | 12 | 1 | 0 | 1 | 25 | 3 | 75 |
| 08:15 AM | 0 | 1 | 13 | 12 | 4 | 3 | 7 | 0 | 0 | 1 | 24 | 3 | 68 |
| 08:30 AM | 0 | 1 | 9 | 7 | 4 | 2 | 7 | 3 | 0 | 2 | 18 | 6 | 59 |
| 08:45 AM | 1 | 1 | 8 | 9 | 12 | 2 | 6 | 1 | 4 | 1 | 15 | 2 | 62 |
| Total | 1 | 5 | 42 | 38 | 27 | 9 | 32 | 5 | 4 | 5 | 82 | 14 | 264 |
| Grand Total | 4 | 8 | 78 | 124 | 49 | 16 | 71 | 11 | 5 | 7 | 165 | 28 | 566 |
| Apprch % | 4.4 | 8.9 | 86.7 | 65.6 | 25.9 | 8.5 | 81.6 | 12.6 | 5.7 | 3.5 | 82.5 | 14 | |
| Total % | 0.7 | 1.4 | 13.8 | 21.9 | 8.7 | 2.8 | 12.5 | 1.9 | 0.9 | 1.2 | 29.2 | 4.9 | |

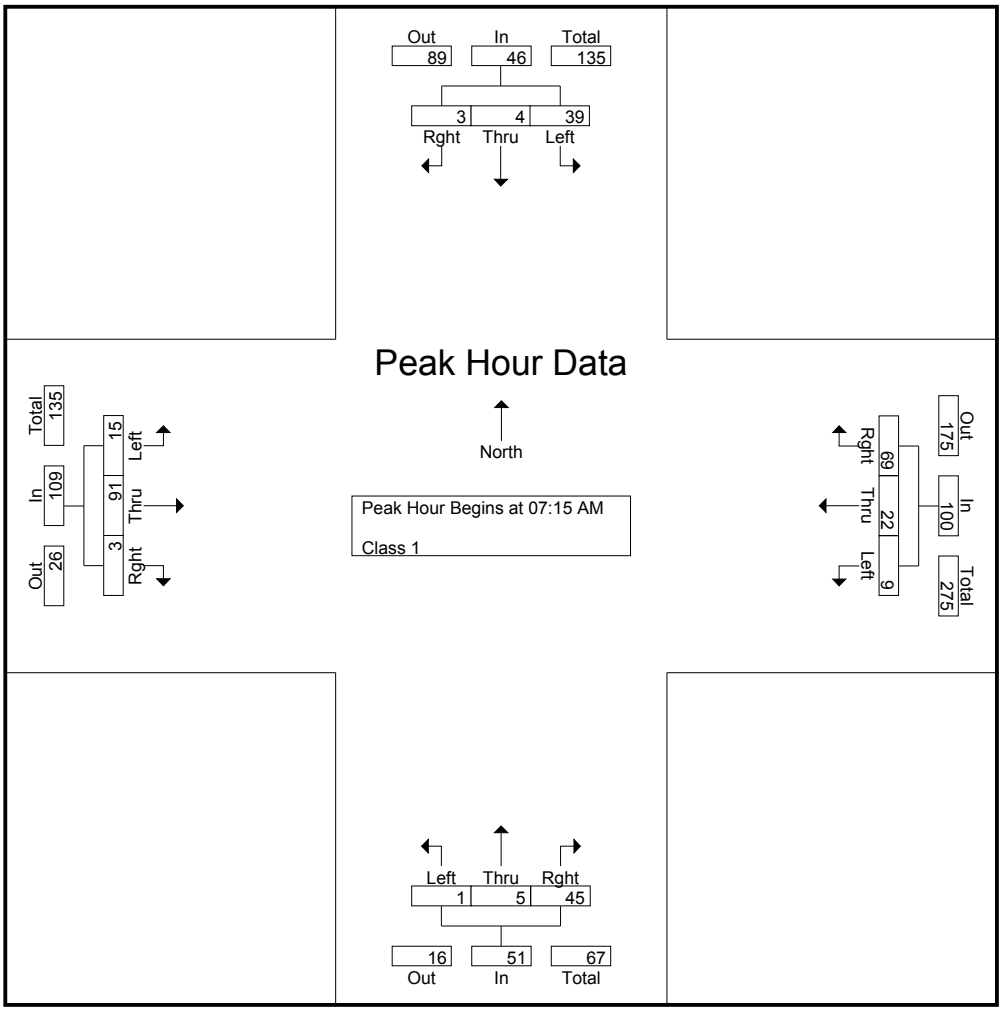


# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Lk Terrell-Slater AM
Site Code : 00000000
Start Date : 9/6/2005
Page No : 2

| | From North | | | | From East | | | | From South | | | | From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:15 AM | | | | | | | | | | | | | | | | | |
| 07:15 AM | 0 | 0 | 11 | 11 | **35** | 4 | 2 | **41** | **15** | **2** | 0 | **17** | **1** | 22 | 2 | 25 | **94** |
| 07:30 AM | **2** | 0 | 8 | 10 | 11 | 6 | 2 | 19 | 9 | 1 | 0 | 10 | 0 | 22 | 4 | 26 | 65 |
| 07:45 AM | 1 | **2** | 8 | 11 | 13 | 5 | **3** | 21 | 9 | 1 | **1** | 11 | 1 | 22 | **6** | **29** | 72 |
| 08:00 AM | 0 | 2 | **12** | **14** | 10 | **7** | 2 | 19 | 12 | 1 | 0 | 13 | 1 | **25** | 3 | 29 | 75 |
| Total Volume | 3 | 4 | 39 | 46 | 69 | 22 | 9 | 100 | 45 | 5 | 1 | 51 | 3 | 91 | 15 | 109 | 306 |
| % App. Total | 6.5 | 8.7 | 84.8 | | 69 | 22 | 9 | | 88.2 | 9.8 | 2 | | 2.8 | 83.5 | 13.8 | | |
| PHF | .375 | .500 | .813 | .821 | .493 | .786 | .750 | .610 | .750 | .625 | .250 | .750 | .750 | .910 | .625 | .940 | .814 |



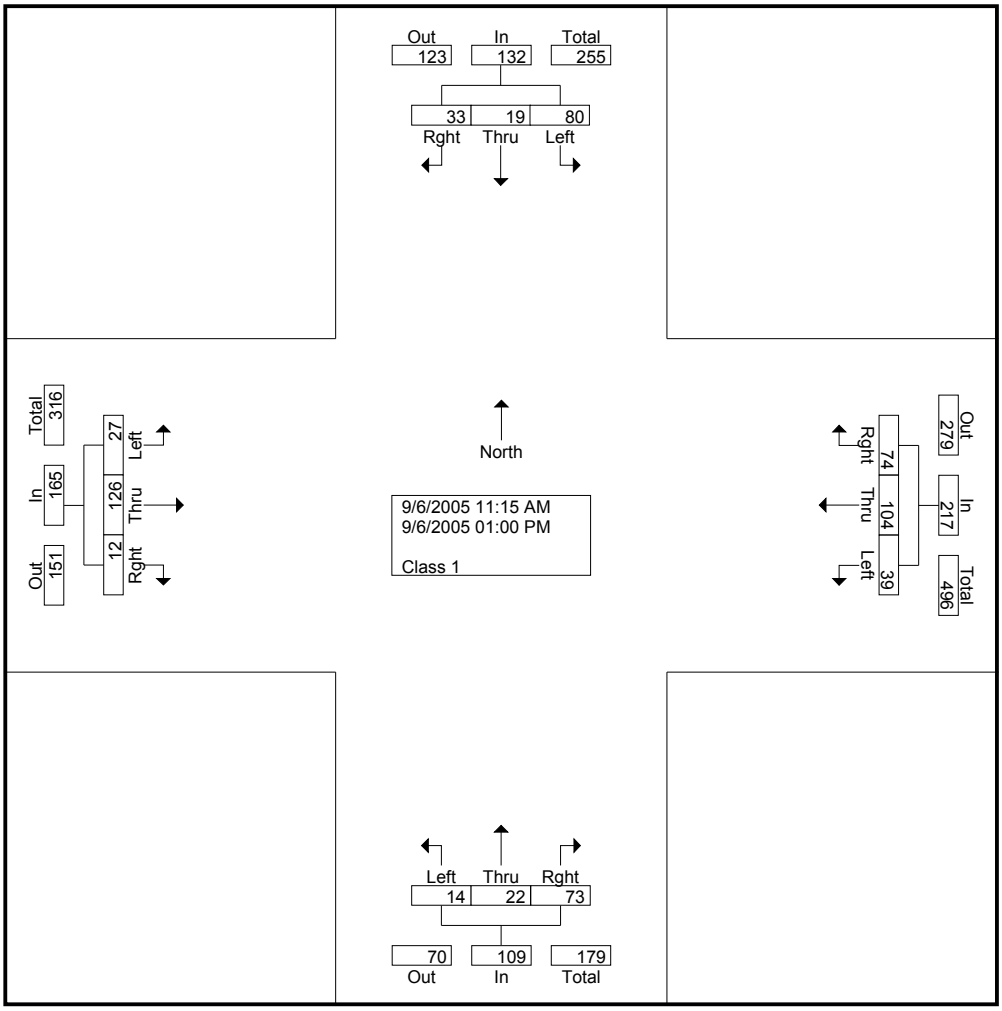
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Lk Terrell-Slater Noon
Site Code : 00000000
Start Date : 9/6/2005
Page No : 1

Groups Printed- Class 1

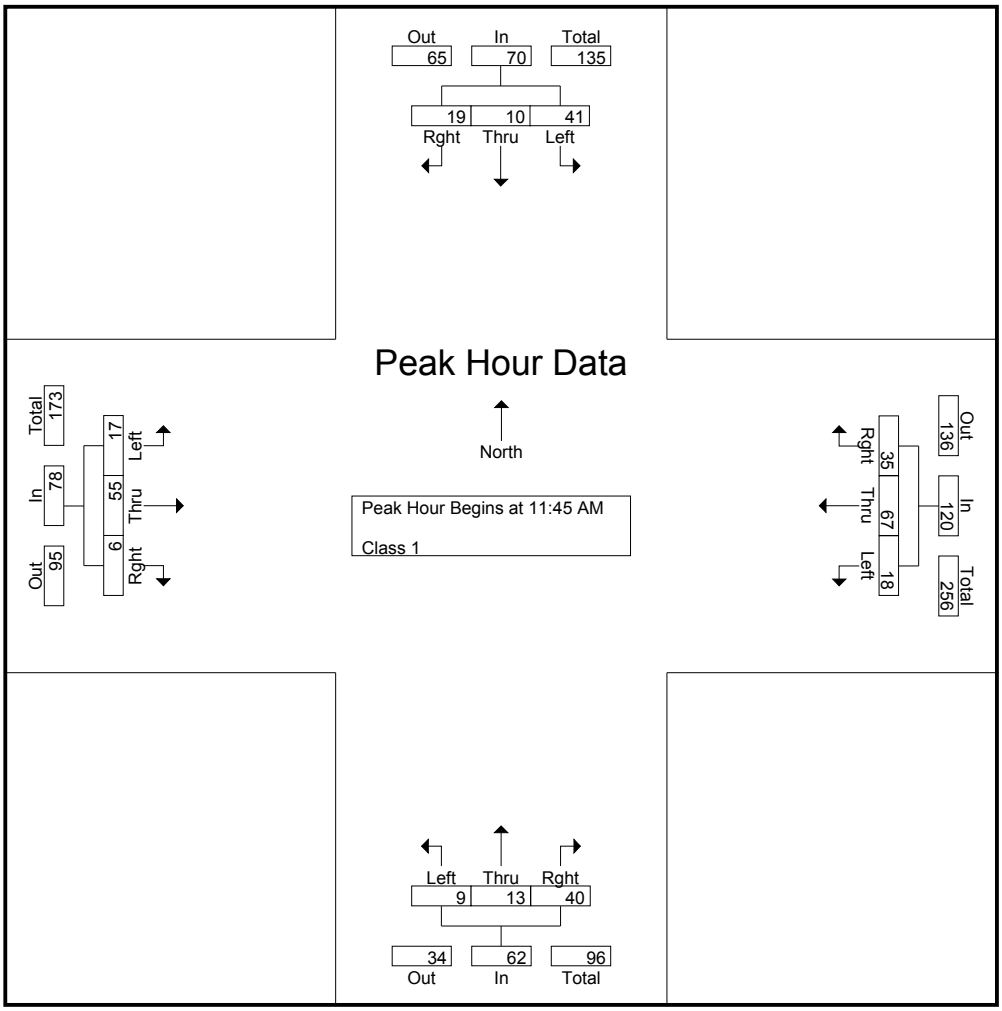
| | From North | | | From East | | | From South | | | From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 11:15 AM | 1 | 2 | 9 | 9 | 9 | 7 | 6 | 0 | 2 | 2 | 18 | 3 | 68 |
| 11:30 AM | 3 | 1 | 8 | 10 | 7 | 6 | 12 | 3 | 2 | 1 | 25 | 2 | 80 |
| 11:45 AM | 3 | 3 | 5 | 10 | 18 | 4 | 12 | 5 | 4 | 2 | 10 | 1 | 77 |
| Total | 7 | 6 | 22 | 29 | 34 | 17 | 30 | 8 | 8 | 5 | 53 | 6 | 225 |
| 12:00 PM | 7 | 2 | 12 | 5 | 23 | 6 | 7 | 2 | 3 | 1 | 8 | 5 | 81 |
| 12:15 PM | 2 | 1 | 14 | 9 | 10 | 4 | 11 | 4 | 1 | 1 | 16 | 8 | 81 |
| 12:30 PM | 7 | 4 | 10 | 11 | 16 | 4 | 10 | 2 | 1 | 2 | 21 | 3 | 91 |
| 12:45 PM | 5 | 3 | 6 | 9 | 9 | 2 | 9 | 2 | 1 | 2 | 10 | 1 | 59 |
| Total | 21 | 10 | 42 | 34 | 58 | 16 | 37 | 10 | 6 | 6 | 55 | 17 | 312 |
| 01:00 PM | 5 | 3 | 16 | 11 | 12 | 6 | 6 | 4 | 0 | 1 | 18 | 4 | 86 |
| Grand Total | 33 | 19 | 80 | 74 | 104 | 39 | 73 | 22 | 14 | 12 | 126 | 27 | 623 |
| Apprch % | 25 | 14.4 | 60.6 | 34.1 | 47.9 | 18 | 67 | 20.2 | 12.8 | 7.3 | 76.4 | 16.4 | |
| Total % | 5.3 | 3 | 12.8 | 11.9 | 16.7 | 6.3 | 11.7 | 3.5 | 2.2 | 1.9 | 20.2 | 4.3 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Lk Terrell-Slater Noon
Site Code : 00000000
Start Date : 9/6/2005
Page No : 2

| | From North | | | | From East | | | | From South | | | | From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 11:15 AM to 01:00 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 11:45 AM | | | | | | | | | | | | | | | | | |
| 11:45 AM | 3 | 3 | 5 | 11 | 10 | 18 | 4 | 32 | **12** | **5** | **4** | **21** | **2** | 10 | 1 | 13 | 77 |
| 12:00 PM | **7** | 2 | 12 | **21** | 5 | **23** | **6** | **34** | 7 | 2 | 3 | 12 | 1 | 8 | 5 | 14 | 81 |
| 12:15 PM | 2 | 1 | **14** | 17 | 9 | 10 | 4 | 23 | 11 | 4 | 1 | 16 | 1 | 16 | **8** | 25 | 81 |
| 12:30 PM | 7 | **4** | 10 | 21 | **11** | 16 | 4 | 31 | 10 | 2 | 1 | 13 | 2 | **21** | 3 | **26** | **91** |
| Total Volume | 19 | 10 | 41 | 70 | 35 | 67 | 18 | 120 | 40 | 13 | 9 | 62 | 6 | 55 | 17 | 78 | 330 |
| % App. Total | 27.1 | 14.3 | 58.6 | | 29.2 | 55.8 | 15 | | 64.5 | 21 | 14.5 | | 7.7 | 70.5 | 21.8 | | |
| PHF | .679 | .625 | .732 | .833 | .795 | .728 | .750 | .882 | .833 | .650 | .563 | .738 | .750 | .655 | .531 | .750 | .907 |



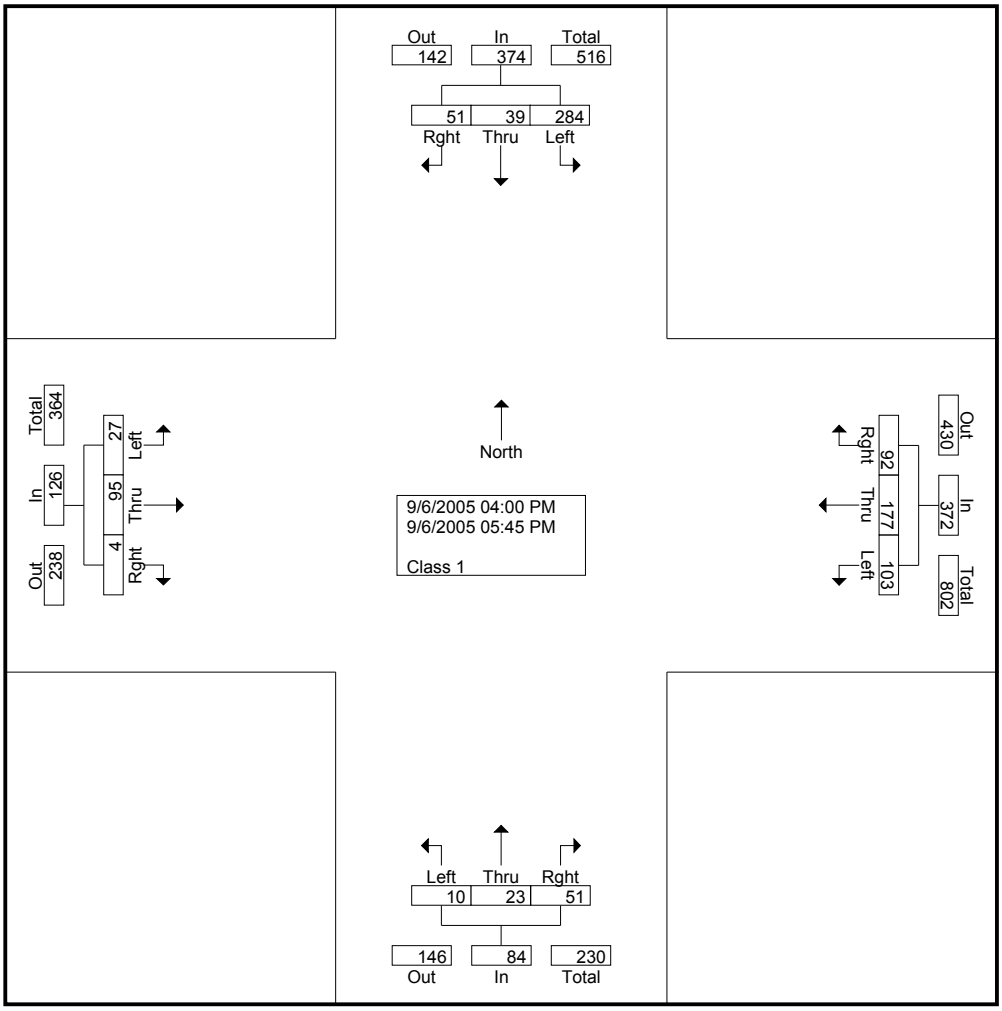
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Lk Terrell-Slater PM
Site Code : 00000000
Start Date : 9/6/2005
Page No : 1

Groups Printed- Class 1

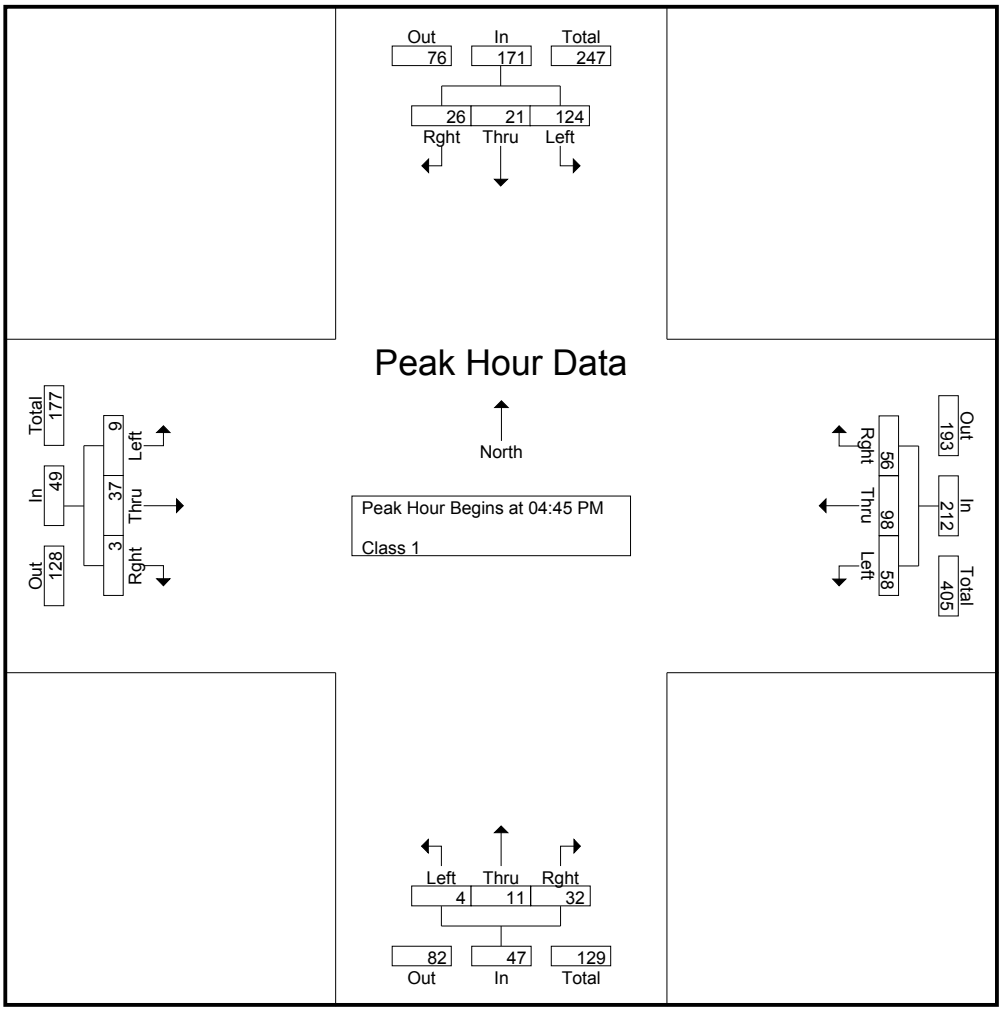
| | From North | | | From East | | | From South | | | From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 04:00 PM | 8 | 7 | 76 | 10 | 16 | 12 | 2 | 3 | 1 | 1 | 17 | 2 | 155 |
| 04:15 PM | 7 | 7 | 28 | 4 | 16 | 14 | 4 | 2 | 0 | 0 | 17 | 5 | 104 |
| 04:30 PM | 4 | 3 | 38 | 11 | 17 | 8 | 8 | 7 | 3 | 0 | 12 | 7 | 118 |
| 04:45 PM | 5 | 4 | 23 | 14 | 17 | 18 | 7 | 0 | 1 | 1 | 7 | 3 | 100 |
| Total | 24 | 21 | 165 | 39 | 66 | 52 | 21 | 12 | 5 | 2 | 53 | 17 | 477 |
| 05:00 PM | 9 | 4 | 42 | 18 | 24 | 11 | 6 | 3 | 1 | 1 | 13 | 2 | 134 |
| 05:15 PM | 2 | 4 | 24 | 15 | 27 | 15 | 3 | 4 | 0 | 1 | 10 | 4 | 109 |
| 05:30 PM | 10 | 9 | 35 | 9 | 30 | 14 | 16 | 4 | 2 | 0 | 7 | 0 | 136 |
| 05:45 PM | 6 | 1 | 18 | 11 | 30 | 11 | 5 | 0 | 2 | 0 | 12 | 4 | 100 |
| Total | 27 | 18 | 119 | 53 | 111 | 51 | 30 | 11 | 5 | 2 | 42 | 10 | 479 |
| Grand Total | 51 | 39 | 284 | 92 | 177 | 103 | 51 | 23 | 10 | 4 | 95 | 27 | 956 |
| Apprch % | 13.6 | 10.4 | 75.9 | 24.7 | 47.6 | 27.7 | 60.7 | 27.4 | 11.9 | 3.2 | 75.4 | 21.4 | |
| Total % | 5.3 | 4.1 | 29.7 | 9.6 | 18.5 | 10.8 | 5.3 | 2.4 | 1 | 0.4 | 9.9 | 2.8 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Lk Terrell-Slater PM
Site Code : 00000000
Start Date : 9/6/2005
Page No : 2

| | From North | | | | From East | | | | From South | | | | From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:45 PM | | | | | | | | | | | | | | | | | |
| 04:45 PM | 5 | 4 | 23 | 32 | 14 | 17 | **18** | 49 | 7 | 0 | 1 | 8 | **1** | 7 | 3 | 11 | 100 |
| 05:00 PM | 9 | 4 | **42** | **55** | **18** | 24 | 11 | 53 | 6 | 3 | 1 | 10 | 1 | **13** | 2 | **16** | 134 |
| 05:15 PM | 2 | 4 | 24 | 30 | 15 | 27 | 15 | **57** | 3 | **4** | 0 | 7 | 1 | 10 | **4** | 15 | 109 |
| 05:30 PM | **10** | **9** | 35 | 54 | 9 | **30** | 14 | 53 | **16** | 4 | **2** | **22** | 0 | 7 | 0 | 7 | **136** |
| Total Volume | 26 | 21 | 124 | 171 | 56 | 98 | 58 | 212 | 32 | 11 | 4 | 47 | 3 | 37 | 9 | 49 | 479 |
| % App. Total | 15.2 | 12.3 | 72.5 | | 26.4 | 46.2 | 27.4 | | 68.1 | 23.4 | 8.5 | | 6.1 | 75.5 | 18.4 | | |
| PHF | .650 | .583 | .738 | .777 | .778 | .817 | .806 | .930 | .500 | .688 | .500 | .534 | .750 | .712 | .563 | .766 | .881 |



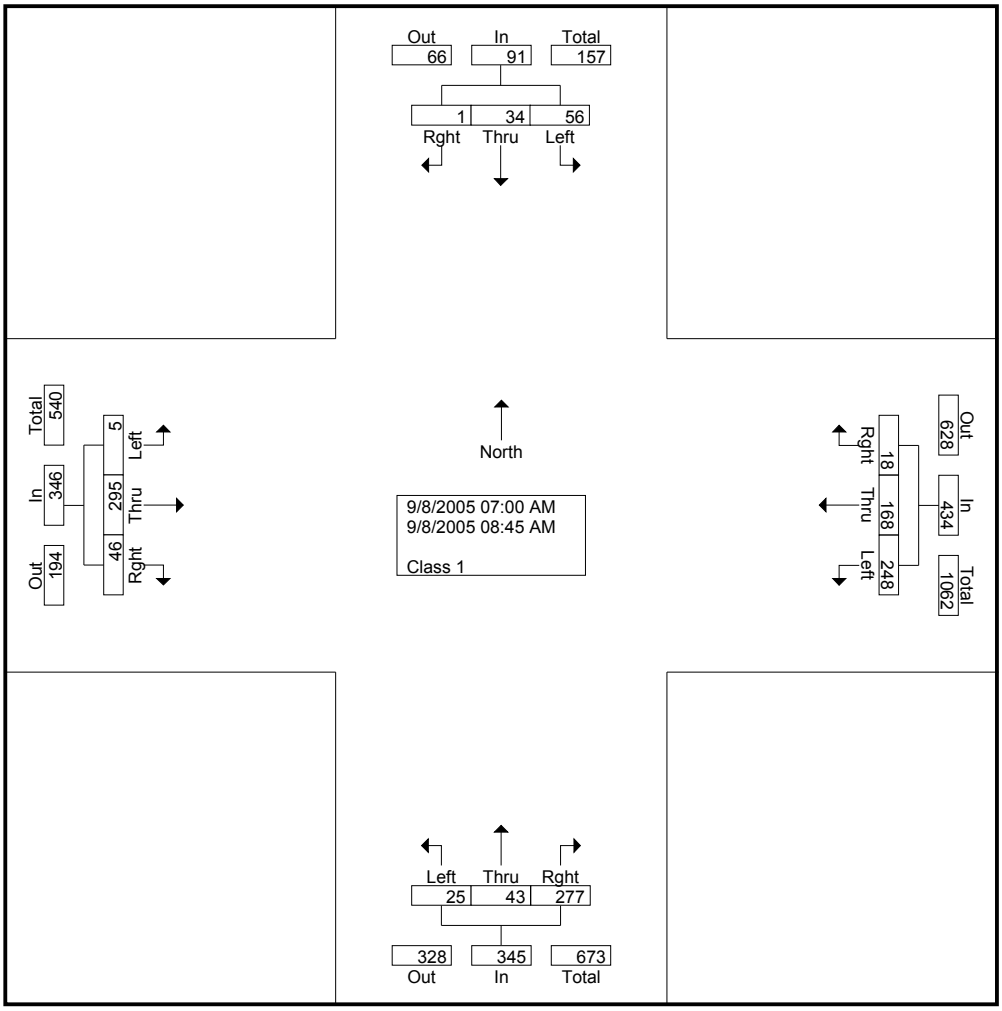
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Slater-Haxton AM
Site Code : 00000000
Start Date : 9/8/2005
Page No : 1

Groups Printed- Class 1

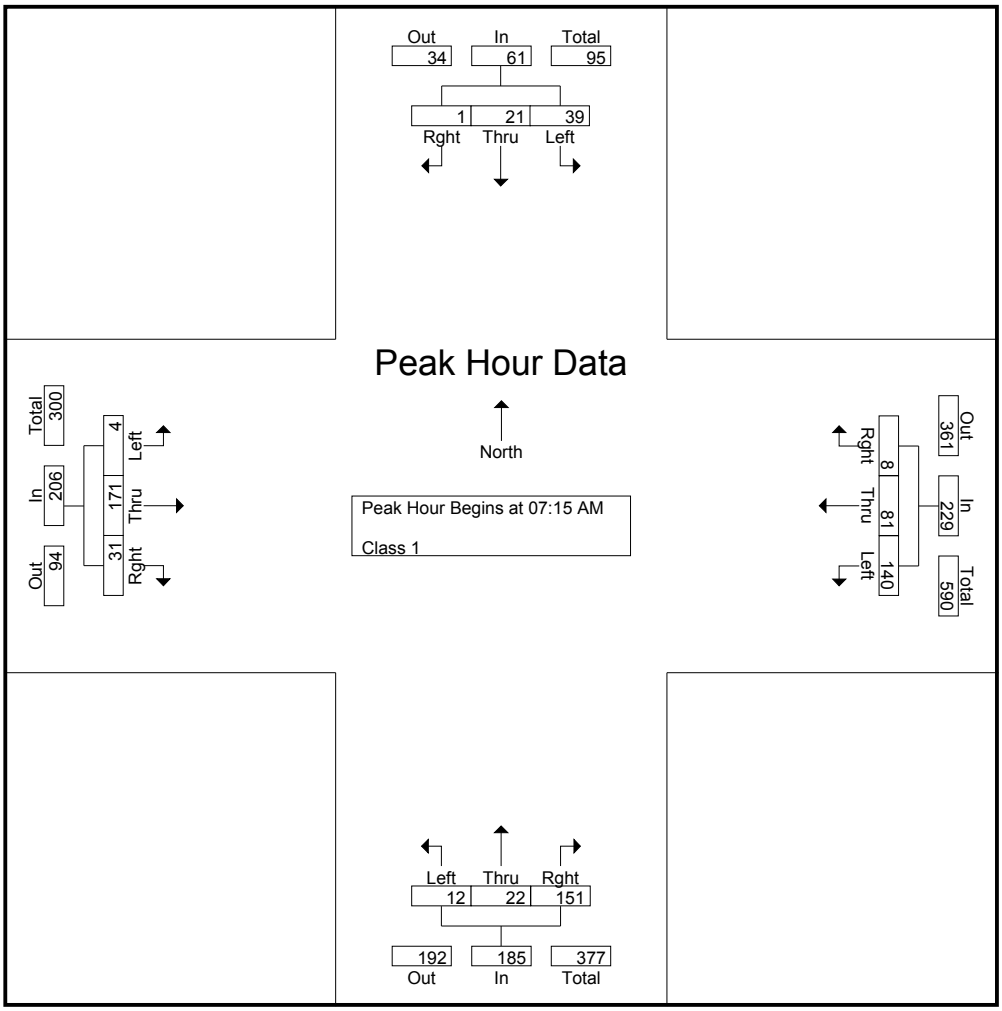
| | From North | | | From East | | | From South | | | From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 07:00 AM | 0 | 3 | 4 | 2 | 37 | 20 | 19 | 3 | 6 | 2 | 37 | 1 | 134 |
| 07:15 AM | 0 | 6 | 13 | 2 | 23 | 18 | 52 | 11 | 5 | 5 | 38 | 0 | 173 |
| 07:30 AM | 0 | 6 | 14 | 0 | 12 | 35 | 58 | 5 | 3 | 8 | 54 | 3 | 198 |
| 07:45 AM | 0 | 6 | 6 | 3 | 23 | 50 | 20 | 2 | 2 | 12 | 37 | 1 | 162 |
| Total | 0 | 21 | 37 | 7 | 95 | 123 | 149 | 21 | 16 | 27 | 166 | 5 | 667 |
| 08:00 AM | 1 | 3 | 6 | 3 | 23 | 37 | 21 | 4 | 2 | 6 | 42 | 0 | 148 |
| 08:15 AM | 0 | 2 | 3 | 2 | 22 | 35 | 43 | 3 | 2 | 4 | 30 | 0 | 146 |
| 08:30 AM | 0 | 6 | 6 | 0 | 11 | 21 | 29 | 6 | 0 | 1 | 24 | 0 | 104 |
| 08:45 AM | 0 | 2 | 4 | 6 | 17 | 32 | 35 | 9 | 5 | 8 | 33 | 0 | 151 |
| Total | 1 | 13 | 19 | 11 | 73 | 125 | 128 | 22 | 9 | 19 | 129 | 0 | 549 |
| Grand Total | 1 | 34 | 56 | 18 | 168 | 248 | 277 | 43 | 25 | 46 | 295 | 5 | 1216 |
| Apprch % | 1.1 | 37.4 | 61.5 | 4.1 | 38.7 | 57.1 | 80.3 | 12.5 | 7.2 | 13.3 | 85.3 | 1.4 | |
| Total % | 0.1 | 2.8 | 4.6 | 1.5 | 13.8 | 20.4 | 22.8 | 3.5 | 2.1 | 3.8 | 24.3 | 0.4 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Slater-Haxton AM
Site Code : 00000000
Start Date : 9/8/2005
Page No : 2

| | From North | | | | From East | | | | From South | | | | From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:15 AM | | | | | | | | | | | | | | | | | |
| 07:15 AM | 0 | **6** | 13 | 19 | 2 | **23** | 18 | 43 | 52 | **11** | **5** | **68** | 5 | 38 | 0 | 43 | 173 |
| 07:30 AM | 0 | 6 | **14** | **20** | 0 | 12 | 35 | 47 | **58** | 5 | 3 | 66 | 8 | **54** | **3** | **65** | **198** |
| 07:45 AM | 0 | 6 | 6 | 12 | **3** | 23 | **50** | **76** | 20 | 2 | 2 | 24 | **12** | 37 | 1 | 50 | 162 |
| 08:00 AM | **1** | 3 | 6 | 10 | 3 | 23 | 37 | 63 | 21 | 4 | 2 | 27 | 6 | 42 | 0 | 48 | 148 |
| Total Volume | 1 | 21 | 39 | 61 | 8 | 81 | 140 | 229 | 151 | 22 | 12 | 185 | 31 | 171 | 4 | 206 | 681 |
| % App. Total | 1.6 | 34.4 | 63.9 | | 3.5 | 35.4 | 61.1 | | 81.6 | 11.9 | 6.5 | | 15 | 83 | 1.9 | | |
| PHF | .250 | .875 | .696 | .763 | .667 | .880 | .700 | .753 | .651 | .500 | .600 | .680 | .646 | .792 | .333 | .792 | .860 |



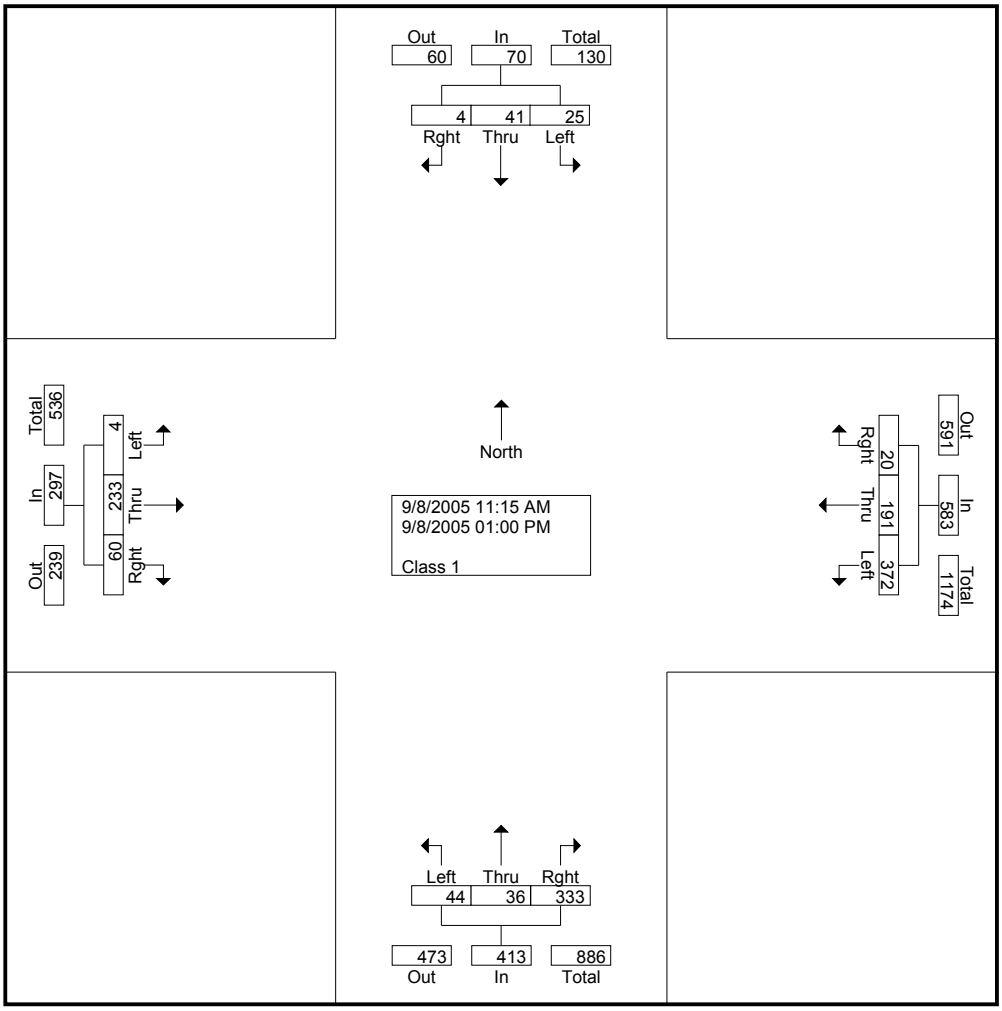
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Slater-Haxton Noon
Site Code : 00000000
Start Date : 9/8/2005
Page No : 1

Groups Printed- Class 1

| | From North | | | From East | | | From South | | | From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 11:15 AM | 1 | 2 | 2 | 1 | 18 | 42 | 42 | 3 | 7 | 9 | 29 | 1 | 157 |
| 11:30 AM | 0 | 6 | 1 | 1 | 25 | 54 | 42 | 3 | 4 | 7 | 32 | 1 | 176 |
| 11:45 AM | 0 | 4 | 2 | 3 | 17 | 52 | 31 | 5 | 4 | 13 | 34 | 0 | 165 |
| Total | 1 | 12 | 5 | 5 | 60 | 148 | 115 | 11 | 15 | 29 | 95 | 2 | 498 |
| 12:00 PM | 1 | 2 | 2 | 4 | 22 | 41 | 58 | 10 | 9 | 8 | 26 | 0 | 183 |
| 12:15 PM | 1 | 7 | 6 | 1 | 24 | 38 | 40 | 1 | 6 | 5 | 32 | 1 | 162 |
| 12:30 PM | 0 | 4 | 4 | 1 | 22 | 51 | 44 | 6 | 4 | 4 | 22 | 0 | 162 |
| 12:45 PM | 0 | 7 | 4 | 5 | 32 | 41 | 37 | 6 | 5 | 6 | 34 | 0 | 177 |
| Total | 2 | 20 | 16 | 11 | 100 | 171 | 179 | 23 | 24 | 23 | 114 | 1 | 684 |
| 01:00 PM | 1 | 9 | 4 | 4 | 31 | 53 | 39 | 2 | 5 | 8 | 24 | 1 | 181 |
| Grand Total | 4 | 41 | 25 | 20 | 191 | 372 | 333 | 36 | 44 | 60 | 233 | 4 | 1363 |
| Apprch % | 5.7 | 58.6 | 35.7 | 3.4 | 32.8 | 63.8 | 80.6 | 8.7 | 10.7 | 20.2 | 78.5 | 1.3 | |
| Total % | 0.3 | 3 | 1.8 | 1.5 | 14 | 27.3 | 24.4 | 2.6 | 3.2 | 4.4 | 17.1 | 0.3 | |

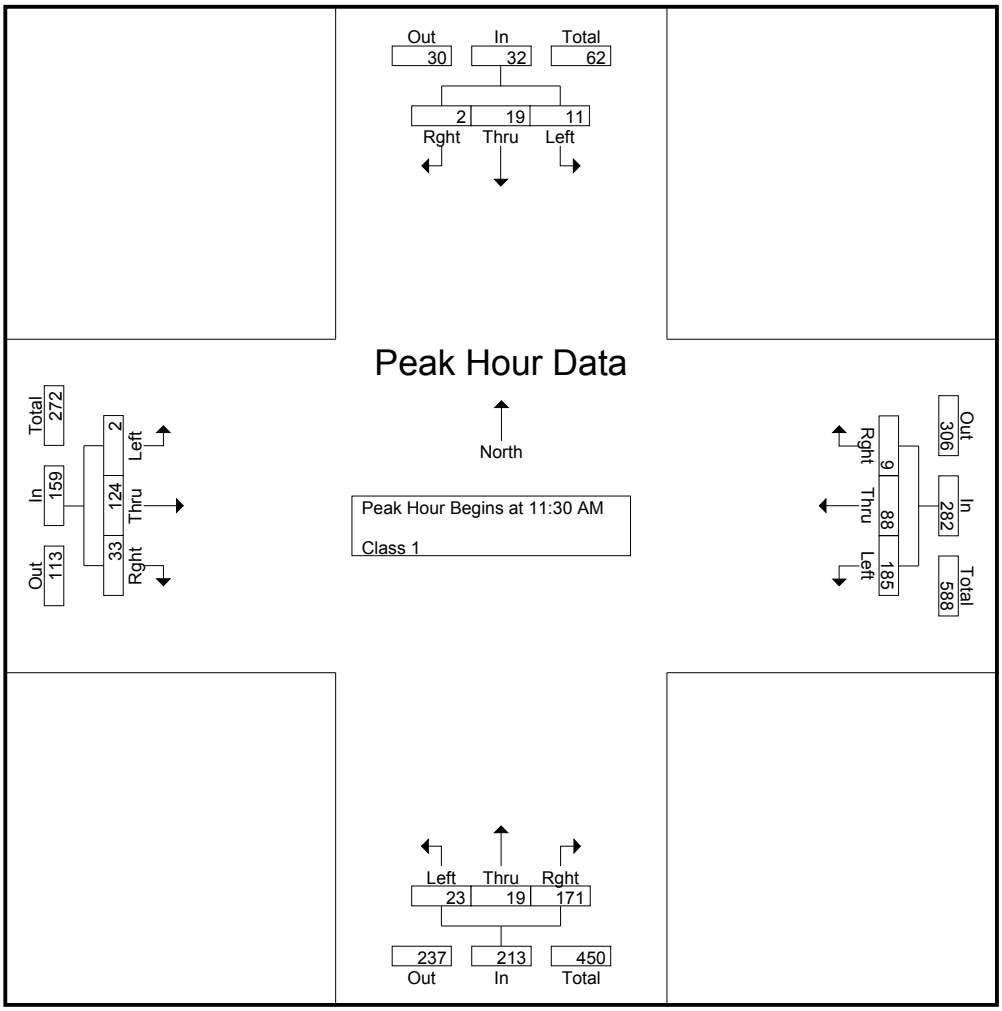


# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Slater-Haxton Noon
Site Code : 00000000
Start Date : 9/8/2005
Page No : 2

| | From North | | | | From East | | | | From South | | | | From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 11:15 AM to 01:00 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 11:30 AM | | | | | | | | | | | | | | | | | |
| 11:30 AM | 0 | 6 | 1 | 7 | 1 | **25** | **54** | **80** | 42 | 3 | 4 | 49 | 7 | 32 | **1** | 40 | 176 |
| 11:45 AM | 0 | 4 | 2 | 6 | 3 | 17 | 52 | 72 | 31 | 5 | 4 | 40 | **13** | **34** | 0 | **47** | 165 |
| 12:00 PM | **1** | 2 | 2 | 5 | **4** | 22 | 41 | 67 | **58** | **10** | **9** | **77** | 8 | 26 | 0 | 34 | **183** |
| 12:15 PM | 1 | **7** | **6** | **14** | 1 | 24 | 38 | 63 | 40 | 1 | 6 | 47 | 5 | 32 | 1 | 38 | 162 |
| Total Volume | 2 | 19 | 11 | 32 | 9 | 88 | 185 | 282 | 171 | 19 | 23 | 213 | 33 | 124 | 2 | 159 | 686 |
| % App. Total | 6.2 | 59.4 | 34.4 | | 3.2 | 31.2 | 65.6 | | 80.3 | 8.9 | 10.8 | | 20.8 | 78 | 1.3 | | |
| PHF | .500 | .679 | .458 | .571 | .563 | .880 | .856 | .881 | .737 | .475 | .639 | .692 | .635 | .912 | .500 | .846 | .937 |



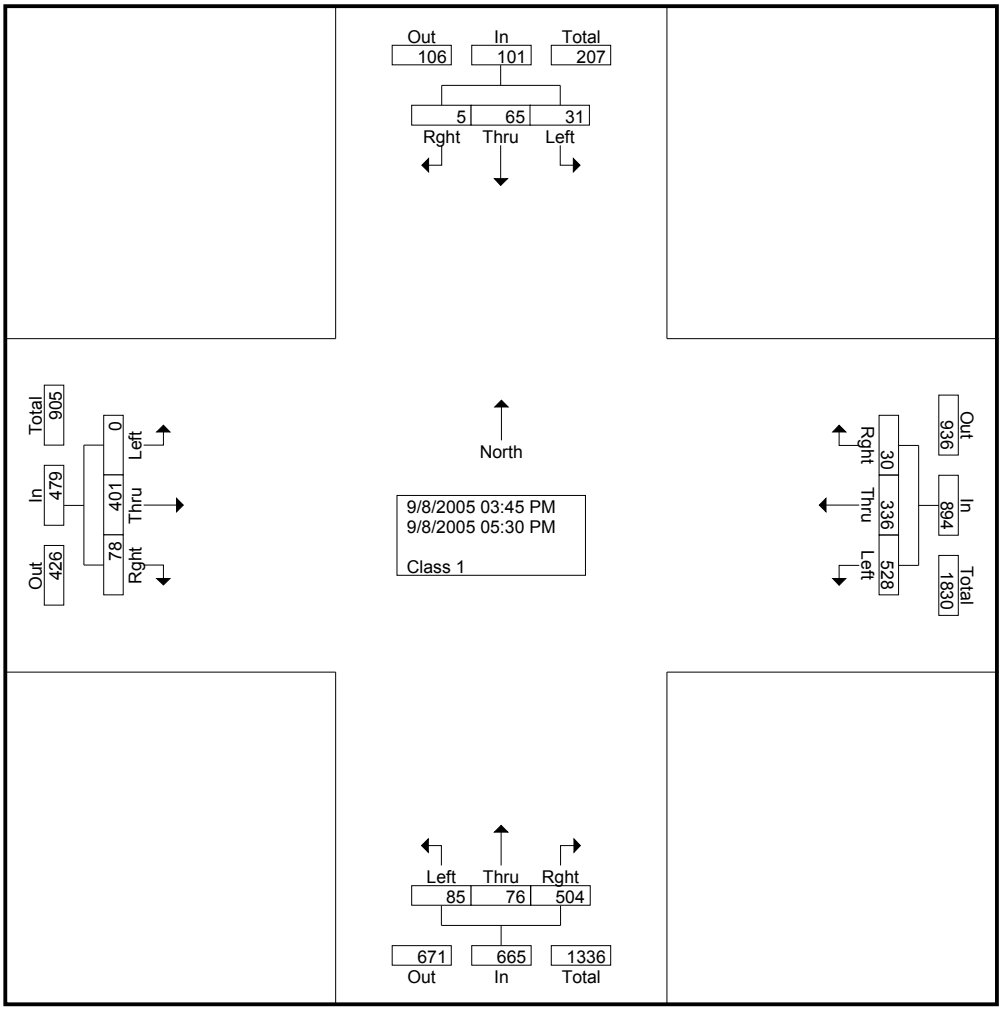
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Slater-Haxton PM
Site Code : 00000000
Start Date : 9/8/2005
Page No : 1

Groups Printed- Class 1

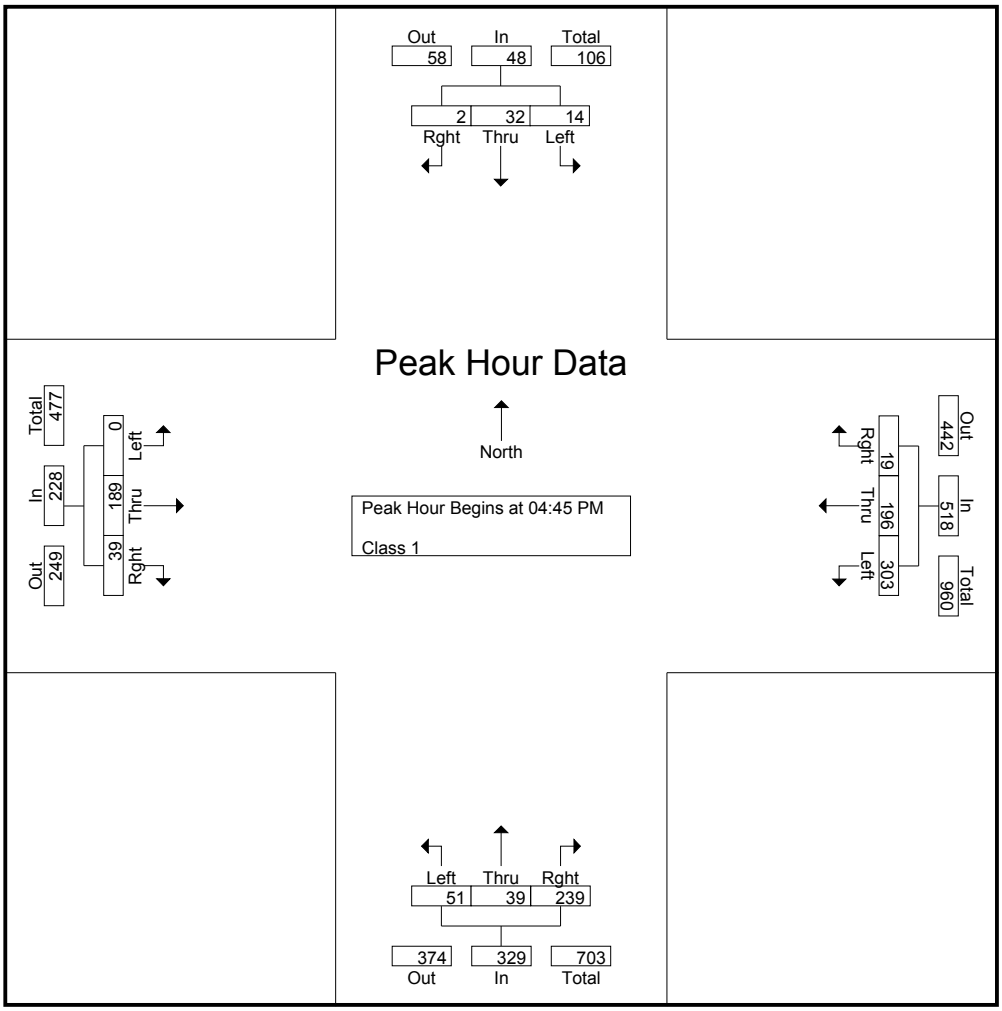
| | From North | | | From East | | | From South | | | From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 03:45 PM | 1 | 7 | 6 | 3 | 39 | 57 | 58 | 11 | 13 | 9 | 43 | 0 | 247 |
| Total | 1 | 7 | 6 | 3 | 39 | 57 | 58 | 11 | 13 | 9 | 43 | 0 | 247 |
| 04:00 PM | 1 | 9 | 1 | 2 | 32 | 58 | 50 | 12 | 8 | 11 | 71 | 0 | 255 |
| 04:15 PM | 1 | 9 | 9 | 1 | 36 | 56 | 71 | 7 | 8 | 11 | 49 | 0 | 258 |
| 04:30 PM | 0 | 8 | 1 | 5 | 33 | 54 | 86 | 7 | 5 | 8 | 49 | 0 | 256 |
| 04:45 PM | 1 | 9 | 4 | 7 | 52 | 75 | 67 | 9 | 13 | 5 | 39 | 0 | 281 |
| Total | 3 | 35 | 15 | 15 | 153 | 243 | 274 | 35 | 34 | 35 | 208 | 0 | 1050 |
| 05:00 PM | 0 | 6 | 3 | 2 | 50 | 71 | 56 | 12 | 12 | 12 | 47 | 0 | 271 |
| 05:15 PM | 1 | 7 | 3 | 3 | 40 | 86 | 54 | 11 | 11 | 7 | 45 | 0 | 268 |
| 05:30 PM | 0 | 10 | 4 | 7 | 54 | 71 | 62 | 7 | 15 | 15 | 58 | 0 | 303 |
| Grand Total | 5 | 65 | 31 | 30 | 336 | 528 | 504 | 76 | 85 | 78 | 401 | 0 | 2139 |
| Apprch % | 5 | 64.4 | 30.7 | 3.4 | 37.6 | 59.1 | 75.8 | 11.4 | 12.8 | 16.3 | 83.7 | 0 | |
| Total % | 0.2 | 3 | 1.4 | 1.4 | 15.7 | 24.7 | 23.6 | 3.6 | 4 | 3.6 | 18.7 | 0 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Slater-Haxton PM
Site Code : 00000000
Start Date : 9/8/2005
Page No : 2

| | From North | | | | From East | | | | From South | | | | From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 03:45 PM to 05:30 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:45 PM | | | | | | | | | | | | | | | | | |
| 04:45 PM | **1** | 9 | **4** | **14** | **7** | 52 | 75 | **134** | **67** | 9 | 13 | **89** | 5 | 39 | 0 | 44 | 281 |
| 05:00 PM | 0 | 6 | 3 | 9 | 2 | 50 | 71 | 123 | 56 | **12** | 12 | 80 | 12 | 47 | 0 | 59 | 271 |
| 05:15 PM | 1 | 7 | 3 | 11 | 3 | 40 | **86** | 129 | 54 | 11 | 11 | 76 | 7 | 45 | 0 | 52 | 268 |
| 05:30 PM | 0 | **10** | 4 | 14 | 7 | **54** | 71 | 132 | 62 | 7 | **15** | 84 | **15** | **58** | 0 | **73** | **303** |
| Total Volume | 2 | 32 | 14 | 48 | 19 | 196 | 303 | 518 | 239 | 39 | 51 | 329 | 39 | 189 | 0 | 228 | 1123 |
| % App. Total | 4.2 | 66.7 | 29.2 | | 3.7 | 37.8 | 58.5 | | 72.6 | 11.9 | 15.5 | | 17.1 | 82.9 | 0 | | |
| PHF | .500 | .800 | .875 | .857 | .679 | .907 | .881 | .966 | .892 | .813 | .850 | .924 | .650 | .815 | .000 | .781 | .927 |



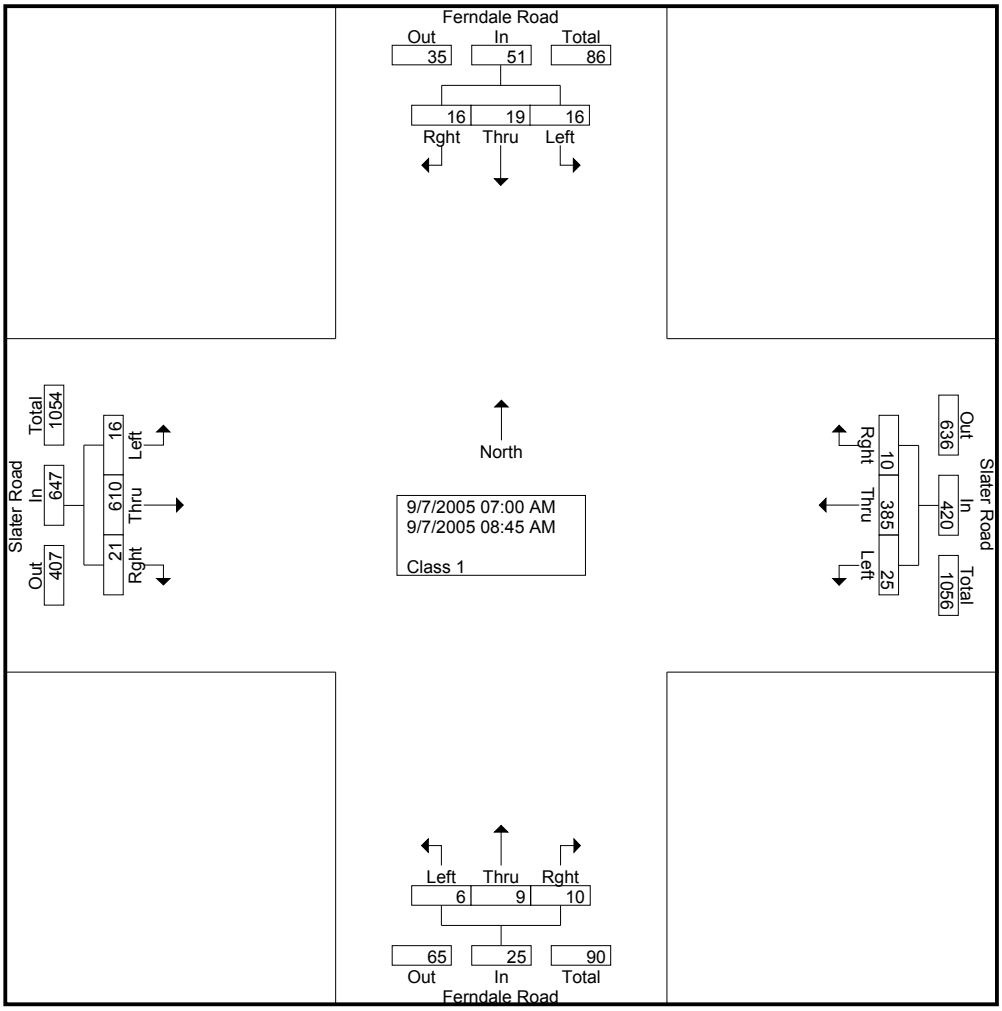
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Ferndale-Slater AM
Site Code : 00000000
Start Date : 9/7/2005
Page No : 1

Groups Printed- Class 1

| | Ferndale Road From North | | | Slater Road From East | | | Ferndale Road From South | | | Slater Road From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 07:00 AM | 1 | 4 | 2 | 0 | 45 | 0 | 3 | 0 | 0 | 3 | 49 | 1 | 108 |
| 07:15 AM | 1 | 2 | 0 | 2 | 53 | 4 | 1 | 1 | 0 | 3 | 86 | 1 | 154 |
| 07:30 AM | 5 | 4 | 3 | 0 | 51 | 5 | 1 | 2 | 1 | 1 | 100 | 2 | 175 |
| 07:45 AM | 3 | 3 | 4 | 0 | 64 | 10 | 2 | 1 | 2 | 2 | 95 | 1 | 187 |
| Total | 10 | 13 | 9 | 2 | 213 | 19 | 7 | 4 | 3 | 9 | 330 | 5 | 624 |
| 08:00 AM | 2 | 2 | 2 | 1 | 49 | 2 | 1 | 3 | 1 | 3 | 68 | 1 | 135 |
| 08:15 AM | 3 | 1 | 2 | 2 | 49 | 1 | 1 | 1 | 1 | 4 | 69 | 4 | 138 |
| 08:30 AM | 1 | 2 | 1 | 3 | 42 | 2 | 0 | 0 | 1 | 3 | 80 | 2 | 137 |
| 08:45 AM | 0 | 1 | 2 | 2 | 32 | 1 | 1 | 1 | 0 | 2 | 63 | 4 | 109 |
| Total | 6 | 6 | 7 | 8 | 172 | 6 | 3 | 5 | 3 | 12 | 280 | 11 | 519 |
| Grand Total | 16 | 19 | 16 | 10 | 385 | 25 | 10 | 9 | 6 | 21 | 610 | 16 | 1143 |
| Apprch % | 31.4 | 37.3 | 31.4 | 2.4 | 91.7 | 6 | 40 | 36 | 24 | 3.2 | 94.3 | 2.5 | |
| Total % | 1.4 | 1.7 | 1.4 | 0.9 | 33.7 | 2.2 | 0.9 | 0.8 | 0.5 | 1.8 | 53.4 | 1.4 | |

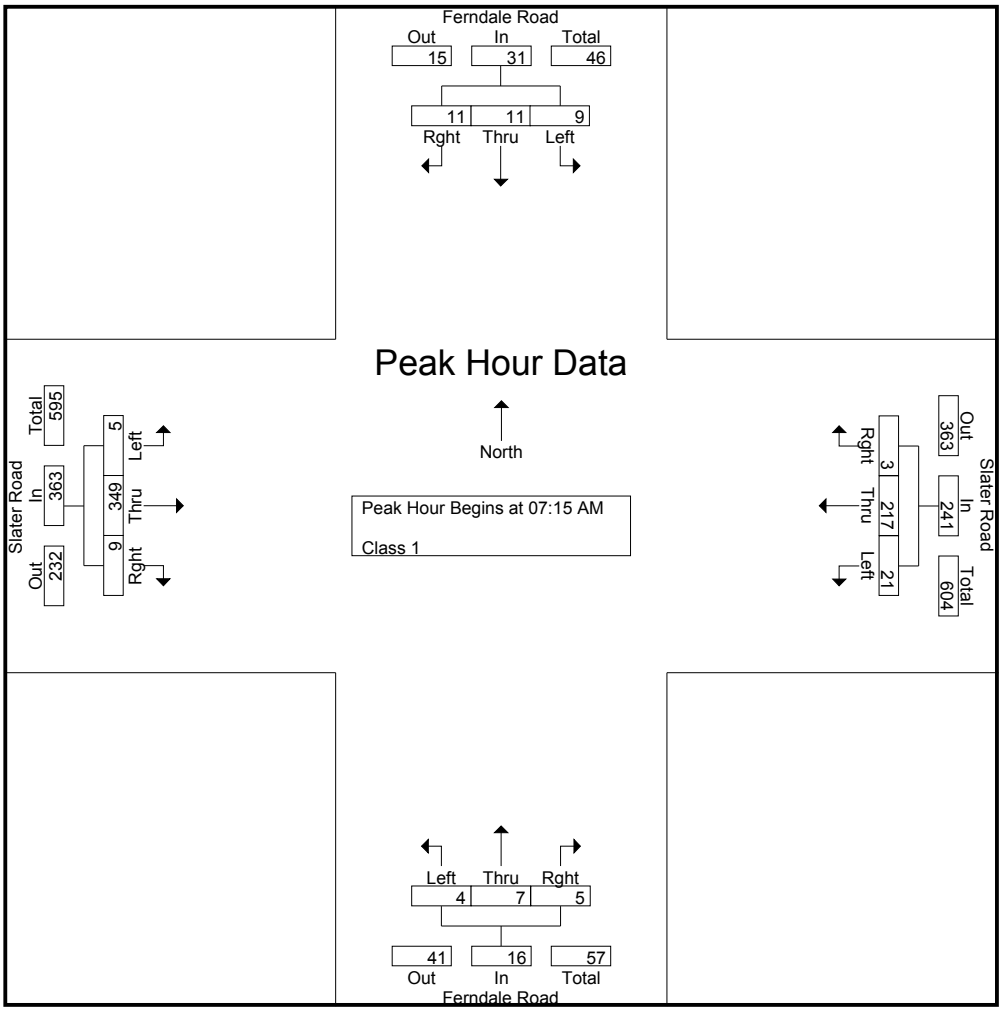


# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Ferndale-Slater AM
Site Code : 00000000
Start Date : 9/7/2005
Page No : 2

| | Ferndale Road From North | | | | Slater Road From East | | | | Ferndale Road From South | | | | Slater Road From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:15 AM | | | | | | | | | | | | | | | | | |
| 07:15 AM | 1 | 2 | 0 | 3 | **2** | 53 | 4 | 59 | 1 | 1 | 0 | 2 | **3** | 86 | 1 | 90 | 154 |
| 07:30 AM | **5** | **4** | 3 | **12** | 0 | 51 | 5 | 56 | 1 | 2 | 1 | 4 | 1 | **100** | **2** | **103** | 175 |
| 07:45 AM | 3 | 3 | **4** | 10 | 0 | **64** | **10** | **74** | **2** | 1 | **2** | **5** | 2 | 95 | 1 | 98 | **187** |
| 08:00 AM | 2 | 2 | 2 | 6 | 1 | 49 | 2 | 52 | 1 | **3** | 1 | 5 | 3 | 68 | 1 | 72 | 135 |
| Total Volume | 11 | 11 | 9 | 31 | 3 | 217 | 21 | 241 | 5 | 7 | 4 | 16 | 9 | 349 | 5 | 363 | 651 |
| % App. Total | 35.5 | 35.5 | 29 | | 1.2 | 90 | 8.7 | | 31.2 | 43.8 | 25 | | 2.5 | 96.1 | 1.4 | | |
| PHF | .550 | .688 | .563 | .646 | .375 | .848 | .525 | .814 | .625 | .583 | .500 | .800 | .750 | .873 | .625 | .881 | .870 |



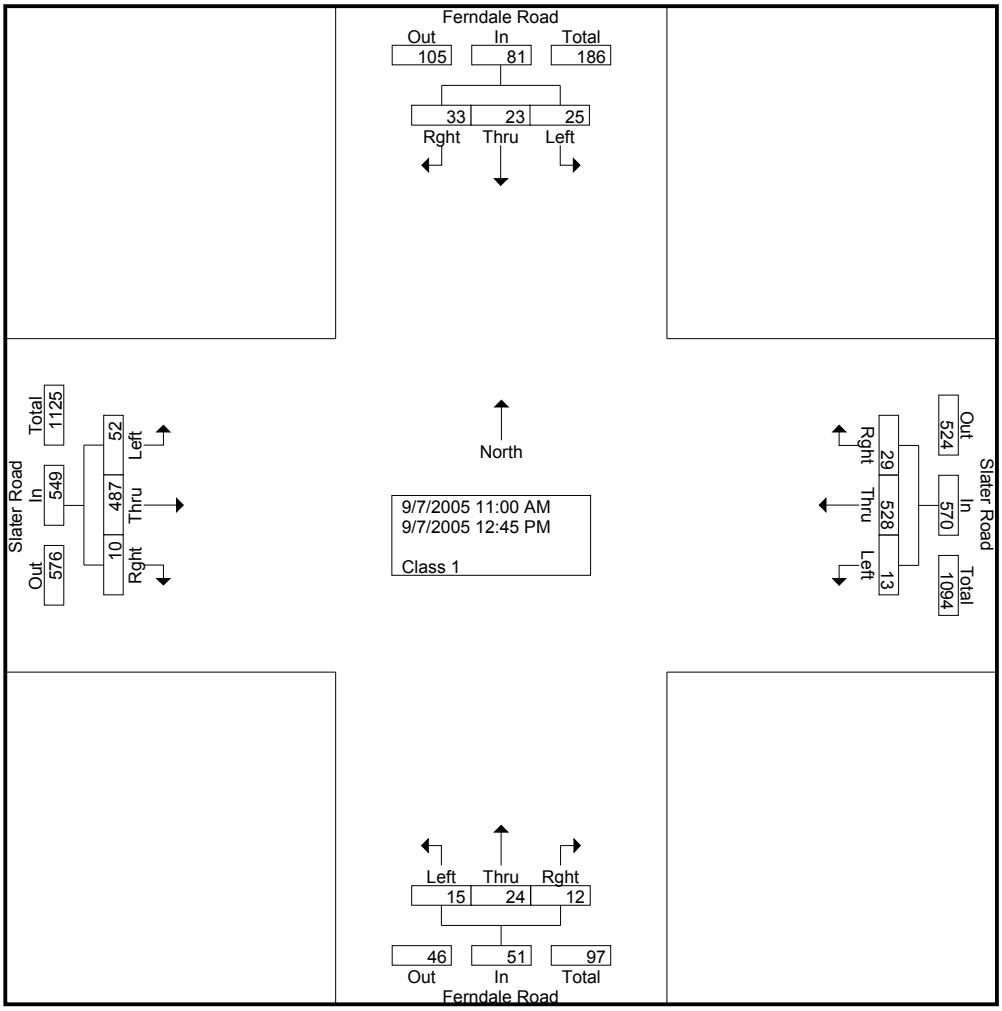
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Ferndale-Slater Noon
Site Code : 00000000
Start Date : 9/7/2005
Page No : 1

Groups Printed- Class 1

| | Ferndale Road From North | | | Slater Road From East | | | Ferndale Road From South | | | Slater Road From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 11:00 AM | 3 | 1 | 1 | 10 | 61 | 1 | 1 | 2 | 1 | 2 | 53 | 5 | 141 |
| 11:15 AM | 5 | 3 | 6 | 2 | 61 | 1 | 3 | 5 | 1 | 0 | 70 | 9 | 166 |
| 11:30 AM | 6 | 4 | 2 | 2 | 54 | 3 | 2 | 0 | 2 | 1 | 59 | 4 | 139 |
| 11:45 AM | 4 | 2 | 3 | 2 | 65 | 2 | 1 | 5 | 4 | 0 | 60 | 8 | 156 |
| Total | 18 | 10 | 12 | 16 | 241 | 7 | 7 | 12 | 8 | 3 | 242 | 26 | 602 |
| 12:00 PM | 1 | 3 | 3 | 5 | 62 | 1 | 1 | 4 | 2 | 2 | 63 | 4 | 151 |
| 12:15 PM | 2 | 3 | 2 | 3 | 73 | 1 | 3 | 2 | 3 | 0 | 60 | 11 | 163 |
| 12:30 PM | 8 | 3 | 5 | 4 | 71 | 1 | 0 | 3 | 2 | 4 | 59 | 5 | 165 |
| 12:45 PM | 4 | 4 | 3 | 1 | 81 | 3 | 1 | 3 | 0 | 1 | 63 | 6 | 170 |
| Total | 15 | 13 | 13 | 13 | 287 | 6 | 5 | 12 | 7 | 7 | 245 | 26 | 649 |
| Grand Total | 33 | 23 | 25 | 29 | 528 | 13 | 12 | 24 | 15 | 10 | 487 | 52 | 1251 |
| Apprch % | 40.7 | 28.4 | 30.9 | 5.1 | 92.6 | 2.3 | 23.5 | 47.1 | 29.4 | 1.8 | 88.7 | 9.5 | |
| Total % | 2.6 | 1.8 | 2 | 2.3 | 42.2 | 1 | 1 | 1.9 | 1.2 | 0.8 | 38.9 | 4.2 | |

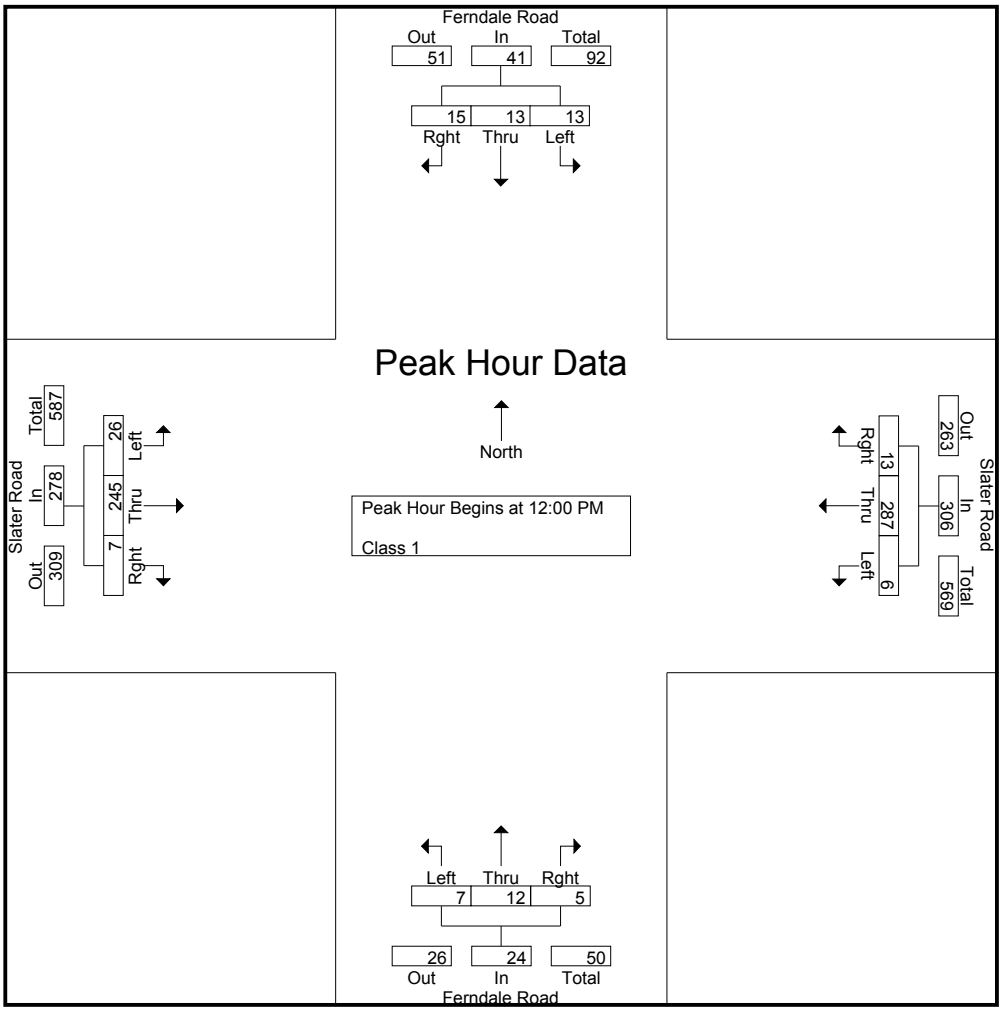


# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Ferndale-Slater Noon
Site Code : 00000000
Start Date : 9/7/2005
Page No : 2

| | Ferndale Road From North | | | | Slater Road From East | | | | Ferndale Road From South | | | | Slater Road From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 12:00 PM | | | | | | | | | | | | | | | | | |
| 12:00 PM | 1 | 3 | 3 | 7 | **5** | 62 | 1 | 68 | 1 | **4** | 2 | 7 | 2 | **63** | 4 | 69 | 151 |
| 12:15 PM | 2 | 3 | 2 | 7 | 3 | 73 | 1 | 77 | **3** | 2 | **3** | **8** | 0 | 60 | **11** | **71** | 163 |
| 12:30 PM | **8** | 3 | **5** | **16** | 4 | 71 | 1 | 76 | 0 | 3 | 2 | 5 | **4** | 59 | 5 | 68 | 165 |
| 12:45 PM | 4 | **4** | 3 | 11 | 1 | **81** | **3** | **85** | 1 | 3 | 0 | 4 | 1 | 63 | 6 | 70 | **170** |
| Total Volume | 15 | 13 | 13 | 41 | 13 | 287 | 6 | 306 | 5 | 12 | 7 | 24 | 7 | 245 | 26 | 278 | 649 |
| % App. Total | 36.6 | 31.7 | 31.7 | | 4.2 | 93.8 | 2 | | 20.8 | 50 | 29.2 | | 2.5 | 88.1 | 9.4 | | |
| PHF | .469 | .813 | .650 | .641 | .650 | .886 | .500 | .900 | .417 | .750 | .583 | .750 | .438 | .972 | .591 | .979 | .954 |



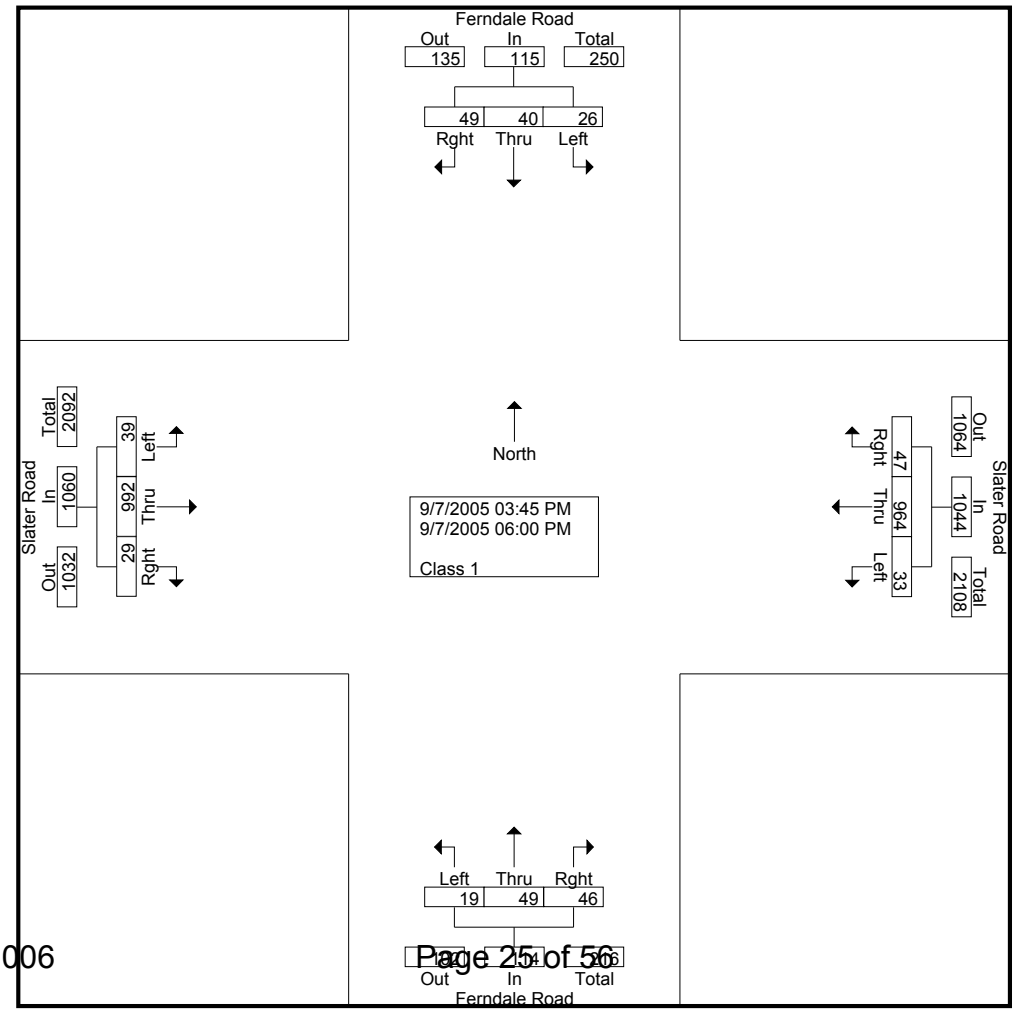
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Ferndale-Slater PM
Site Code : 00000000
Start Date : 9/7/2005
Page No : 1

Groups Printed- Class 1

| | Ferndale Road From North | | | Slater Road From East | | | Ferndale Road From South | | | Slater Road From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 03:45 PM | 7 | 6 | 4 | 6 | 107 | 3 | 4 | 2 | 2 | 0 | 87 | 7 | 235 |
| Total | 7 | 6 | 4 | 6 | 107 | 3 | 4 | 2 | 2 | 0 | 87 | 7 | 235 |
| 04:00 PM | 5 | 4 | 2 | 3 | 91 | 1 | 3 | 5 | 0 | 3 | 133 | 2 | 252 |
| 04:15 PM | 3 | 6 | 7 | 7 | 87 | 3 | 5 | 7 | 4 | 4 | 115 | 6 | 254 |
| 04:30 PM | 9 | 3 | 0 | 8 | 91 | 2 | 10 | 9 | 2 | 2 | 118 | 6 | 260 |
| 04:45 PM | 7 | 5 | 4 | 6 | 112 | 6 | 3 | 4 | 1 | 2 | 95 | 5 | 250 |
| Total | 24 | 18 | 13 | 24 | 381 | 12 | 21 | 25 | 7 | 11 | 461 | 19 | 1016 |
| 05:00 PM | 6 | 3 | 3 | 5 | 126 | 3 | 7 | 7 | 1 | 4 | 119 | 2 | 286 |
| 05:15 PM | 4 | 2 | 3 | 6 | 132 | 7 | 4 | 6 | 5 | 6 | 100 | 5 | 280 |
| 05:30 PM | 6 | 5 | 1 | 4 | 120 | 4 | 6 | 8 | 4 | 2 | 90 | 4 | 254 |
| 05:45 PM | 1 | 4 | 2 | 0 | 45 | 0 | 3 | 0 | 0 | 3 | 49 | 1 | 108 |
| Total | 17 | 14 | 9 | 15 | 423 | 14 | 20 | 21 | 10 | 15 | 358 | 12 | 928 |
| 06:00 PM | 1 | 2 | 0 | 2 | 53 | 4 | 1 | 1 | 0 | 3 | 86 | 1 | 154 |
| Grand Total | 49 | 40 | 26 | 47 | 964 | 33 | 46 | 49 | 19 | 29 | 992 | 39 | 2333 |
| Apprch % | 42.6 | 34.8 | 22.6 | 4.5 | 92.3 | 3.2 | 40.4 | 43 | 16.7 | 2.7 | 93.6 | 3.7 | |
| Total % | 2.1 | 1.7 | 1.1 | 2 | 41.3 | 1.4 | 2 | 2.1 | 0.8 | 1.2 | 42.5 | 1.7 | |

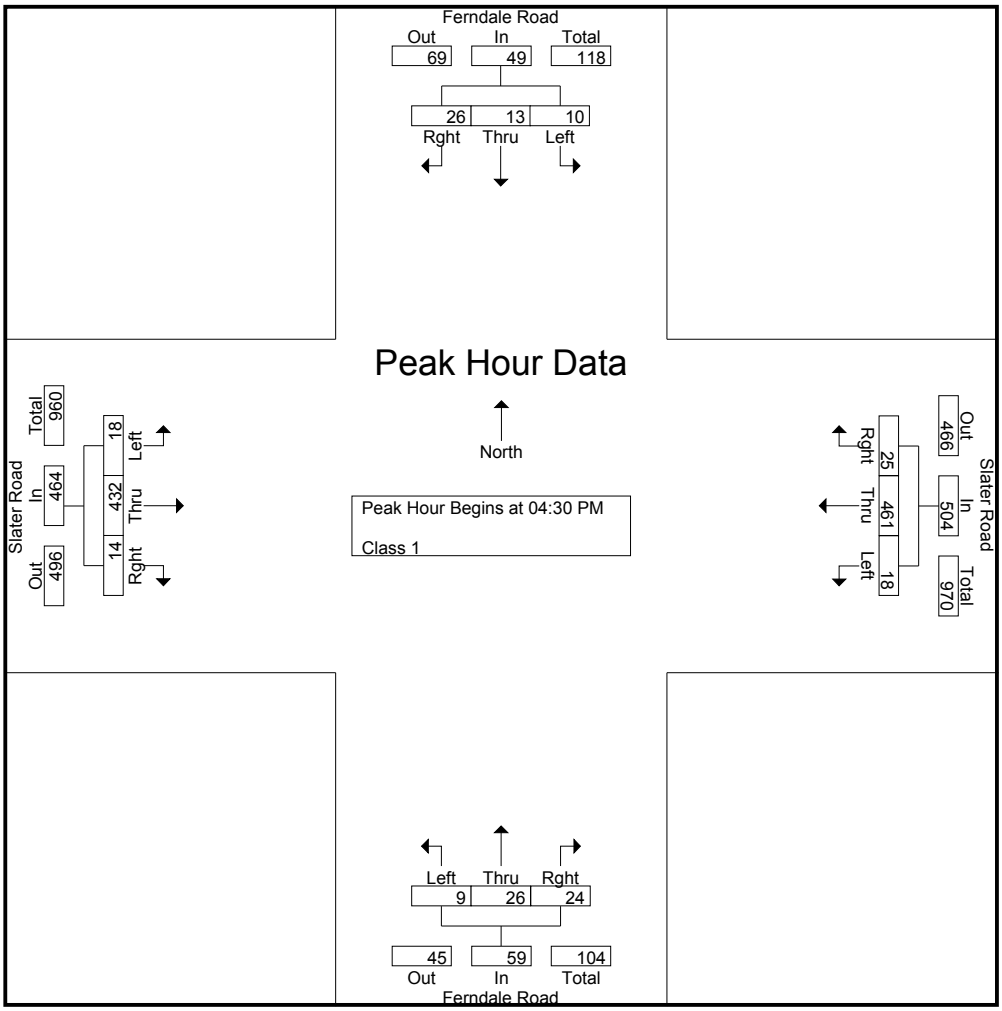


# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Ferndale-Slater PM
Site Code : 00000000
Start Date : 9/7/2005
Page No : 2

| | Ferndale Road From North | | | | Slater Road From East | | | | Ferndale Road From South | | | | Slater Road From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 03:45 PM to 05:30 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:30 PM | | | | | | | | | | | | | | | | | |
| 04:30 PM | **9** | 3 | 0 | 12 | **8** | 91 | 2 | 101 | **10** | **9** | 2 | **21** | 2 | 118 | **6** | **126** | 260 |
| 04:45 PM | 7 | **5** | **4** | **16** | 6 | 112 | 6 | 124 | 3 | 4 | 1 | 8 | 2 | 95 | 5 | 102 | 250 |
| 05:00 PM | 6 | 3 | 3 | 12 | 5 | 126 | 3 | 134 | 7 | 7 | 1 | 15 | 4 | **119** | 2 | 125 | **286** |
| 05:15 PM | 4 | 2 | 3 | 9 | 6 | **132** | **7** | **145** | 4 | 6 | **5** | 15 | **6** | 100 | 5 | 111 | 280 |
| Total Volume | 26 | 13 | 10 | 49 | 25 | 461 | 18 | 504 | 24 | 26 | 9 | 59 | 14 | 432 | 18 | 464 | 1076 |
| % App. Total | 53.1 | 26.5 | 20.4 | | 5 | 91.5 | 3.6 | | 40.7 | 44.1 | 15.3 | | 3 | 93.1 | 3.9 | | |
| PHF | .722 | .650 | .625 | .766 | .781 | .873 | .643 | .869 | .600 | .722 | .450 | .702 | .583 | .908 | .750 | .921 | .941 |

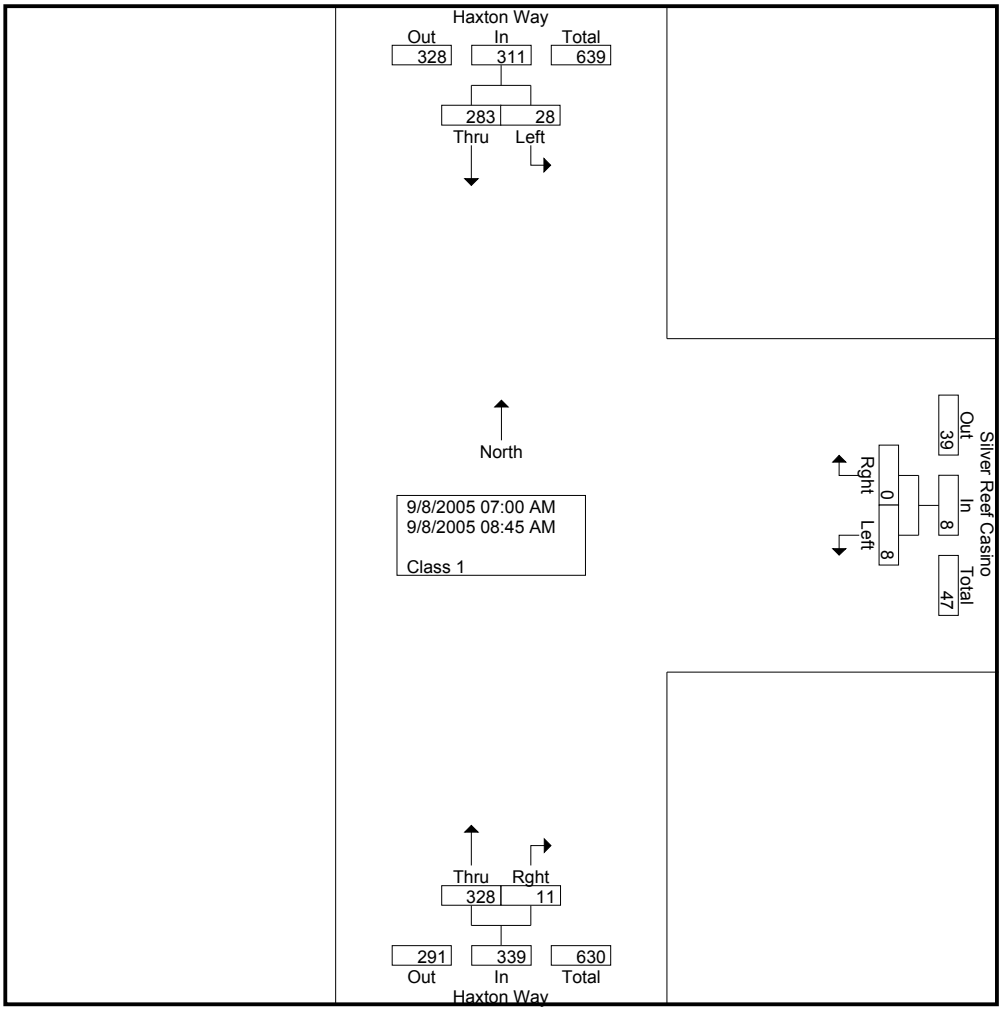


RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Casino AM
Site Code : 00000000
Start Date : 9/8/2005
Page No : 1

Groups Printed- Class 1

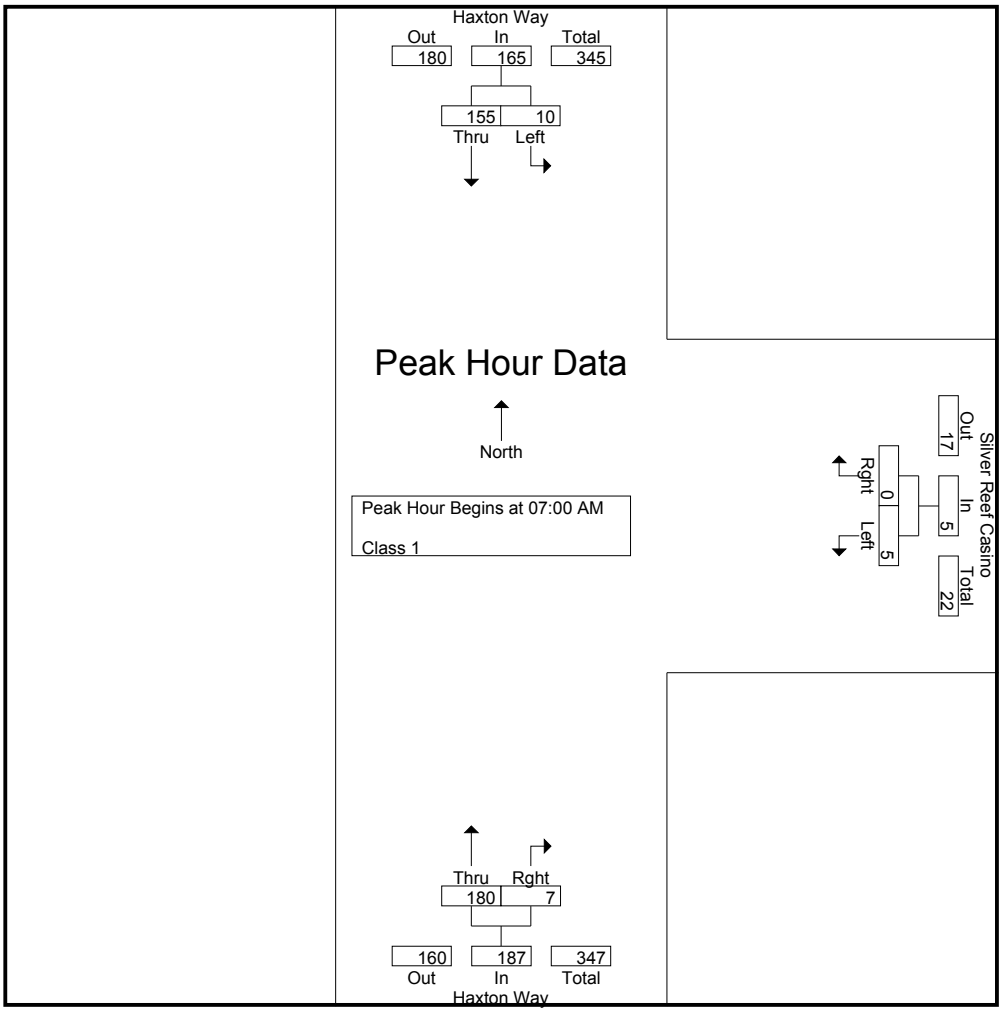
| | Haxton Way From North | | Silver Reef Casino From East | | Haxton Way From South | | |
|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Rght | Left | Rght | Thru | Int. Total |
| 07:00 AM | 26 | 2 | 0 | 0 | 1 | 38 | 67 |
| 07:15 AM | 17 | 6 | 0 | 2 | 3 | 61 | 89 |
| 07:30 AM | 43 | 0 | 0 | 1 | 0 | 50 | 94 |
| 07:45 AM | 69 | 2 | 0 | 2 | 3 | 31 | 107 |
| Total | 155 | 10 | 0 | 5 | 7 | 180 | 357 |
| 08:00 AM | 34 | 5 | 0 | 1 | 1 | 26 | 67 |
| 08:15 AM | 34 | 4 | 0 | 0 | 1 | 47 | 86 |
| 08:30 AM | 34 | 1 | 0 | 1 | 1 | 34 | 71 |
| 08:45 AM | 26 | 8 | 0 | 1 | 1 | 41 | 77 |
| Total | 128 | 18 | 0 | 3 | 4 | 148 | 301 |
| Grand Total | 283 | 28 | 0 | 8 | 11 | 328 | 658 |
| Apprch % | 91 | 9 | 0 | 100 | 3.2 | 96.8 | |
| Total % | 43 | 4.3 | 0 | 1.2 | 1.7 | 49.8 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Casino AM
Site Code : 00000000
Start Date : 9/8/2005
Page No : 2

| | Haxton Way From North | | | Silver Reef Casino From East | | | Haxton Way From South | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | App. Total | Rght | Left | App. Total | Rght | Thru | App. Total | Int. Total |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:00 AM | | | | | | | | | | |
| 07:00 AM | 26 | 2 | 28 | 0 | 0 | 0 | 1 | 38 | 39 | 67 |
| 07:15 AM | 17 | **6** | 23 | 0 | **2** | **2** | **3** | **61** | **64** | 89 |
| 07:30 AM | 43 | 0 | 43 | 0 | 1 | 1 | 0 | 50 | 50 | 94 |
| 07:45 AM | **69** | 2 | **71** | 0 | 2 | 2 | 3 | 31 | 34 | **107** |
| Total Volume | 155 | 10 | 165 | 0 | 5 | 5 | 7 | 180 | 187 | 357 |
| % App. Total | 93.9 | 6.1 | | 0 | 100 | | 3.7 | 96.3 | | |
| PHF | .562 | .417 | .581 | .000 | .625 | .625 | .583 | .738 | .730 | .834 |

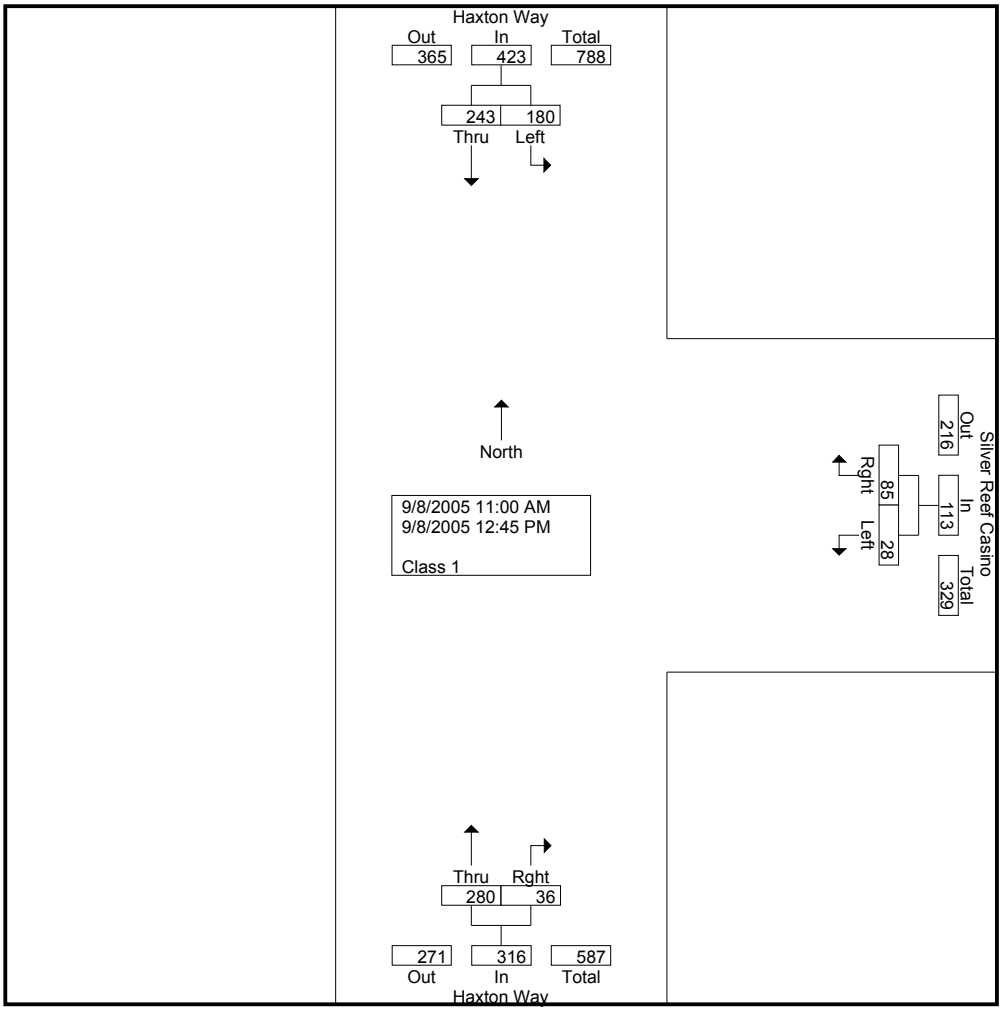


RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Casino Noon
Site Code : 00000000
Start Date : 9/8/2005
Page No : 1

Groups Printed- Class 1

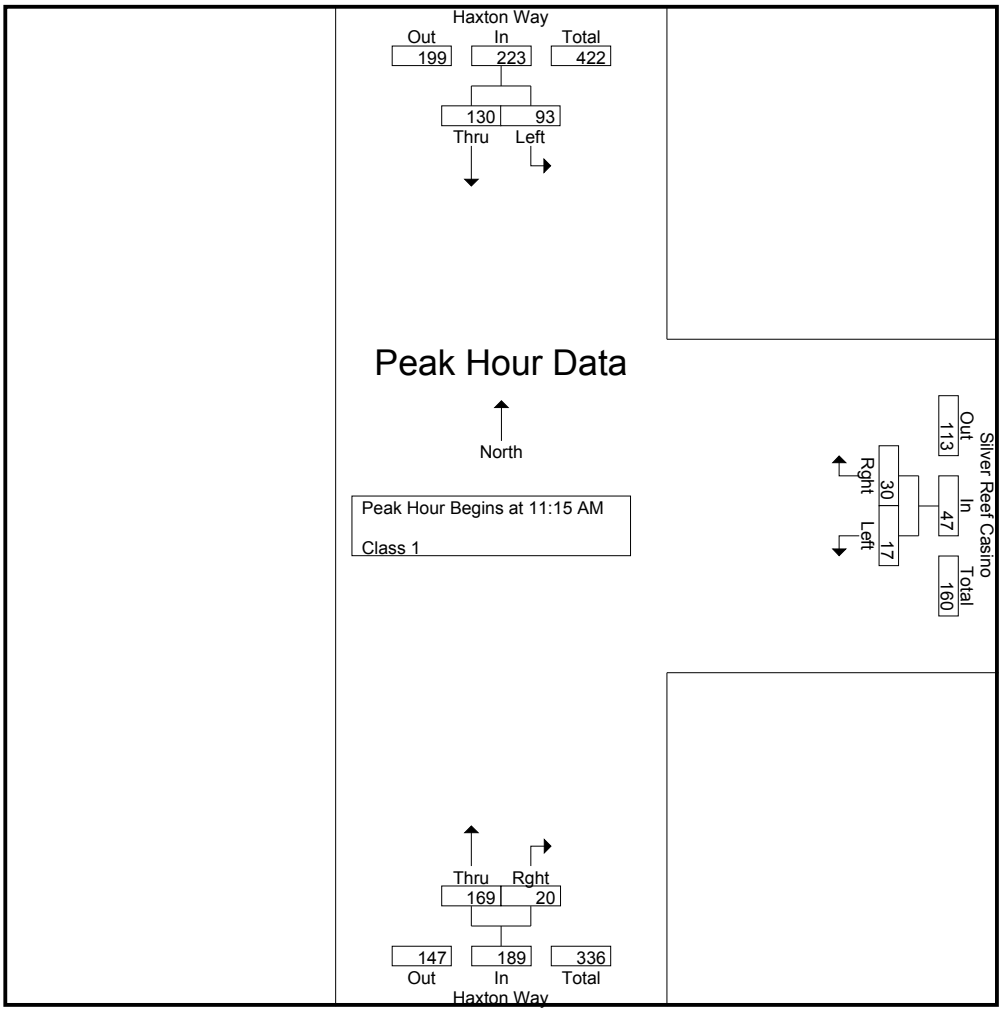
| | Haxton Way From North | | Silver Reef Casino From East | | Haxton Way From South | | |
|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Rght | Left | Rght | Thru | Int. Total |
| 11:00 AM | 31 | 19 | 8 | 2 | 4 | 27 | 91 |
| 11:15 AM | 29 | 24 | 13 | 3 | 4 | 43 | 116 |
| 11:30 AM | 44 | 24 | 6 | 4 | 5 | 29 | 112 |
| 11:45 AM | 28 | 26 | 7 | 5 | 5 | 42 | 113 |
| Total | 132 | 93 | 34 | 14 | 18 | 141 | 432 |
| 12:00 PM | 29 | 19 | 4 | 5 | 6 | 55 | 118 |
| 12:15 PM | 28 | 19 | 13 | 3 | 3 | 35 | 101 |
| 12:30 PM | 24 | 22 | 18 | 4 | 5 | 21 | 94 |
| 12:45 PM | 30 | 27 | 16 | 2 | 4 | 28 | 107 |
| Total | 111 | 87 | 51 | 14 | 18 | 139 | 420 |
| Grand Total | 243 | 180 | 85 | 28 | 36 | 280 | 852 |
| Apprch % | 57.4 | 42.6 | 75.2 | 24.8 | 11.4 | 88.6 | |
| Total % | 28.5 | 21.1 | 10 | 3.3 | 4.2 | 32.9 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Casino Noon
Site Code : 00000000
Start Date : 9/8/2005
Page No : 2

| | Haxton Way From North | | | Silver Reef Casino From East | | | Haxton Way From South | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | App. Total | Rght | Left | App. Total | Rght | Thru | App. Total | Int. Total |
| Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 11:15 AM | | | | | | | | | | |
| 11:15 AM | 29 | 24 | 53 | **13** | 3 | **16** | 4 | 43 | 47 | 116 |
| 11:30 AM | **44** | 24 | **68** | 6 | 4 | 10 | 5 | 29 | 34 | 112 |
| 11:45 AM | 28 | **26** | 54 | 7 | **5** | 12 | 5 | 42 | 47 | 113 |
| 12:00 PM | 29 | 19 | 48 | 4 | 5 | 9 | **6** | **55** | **61** | **118** |
| Total Volume | 130 | 93 | 223 | 30 | 17 | 47 | 20 | 169 | 189 | 459 |
| % App. Total | 58.3 | 41.7 | | 63.8 | 36.2 | | 10.6 | 89.4 | | |
| PHF | .739 | .894 | .820 | .577 | .850 | .734 | .833 | .768 | .775 | .972 |



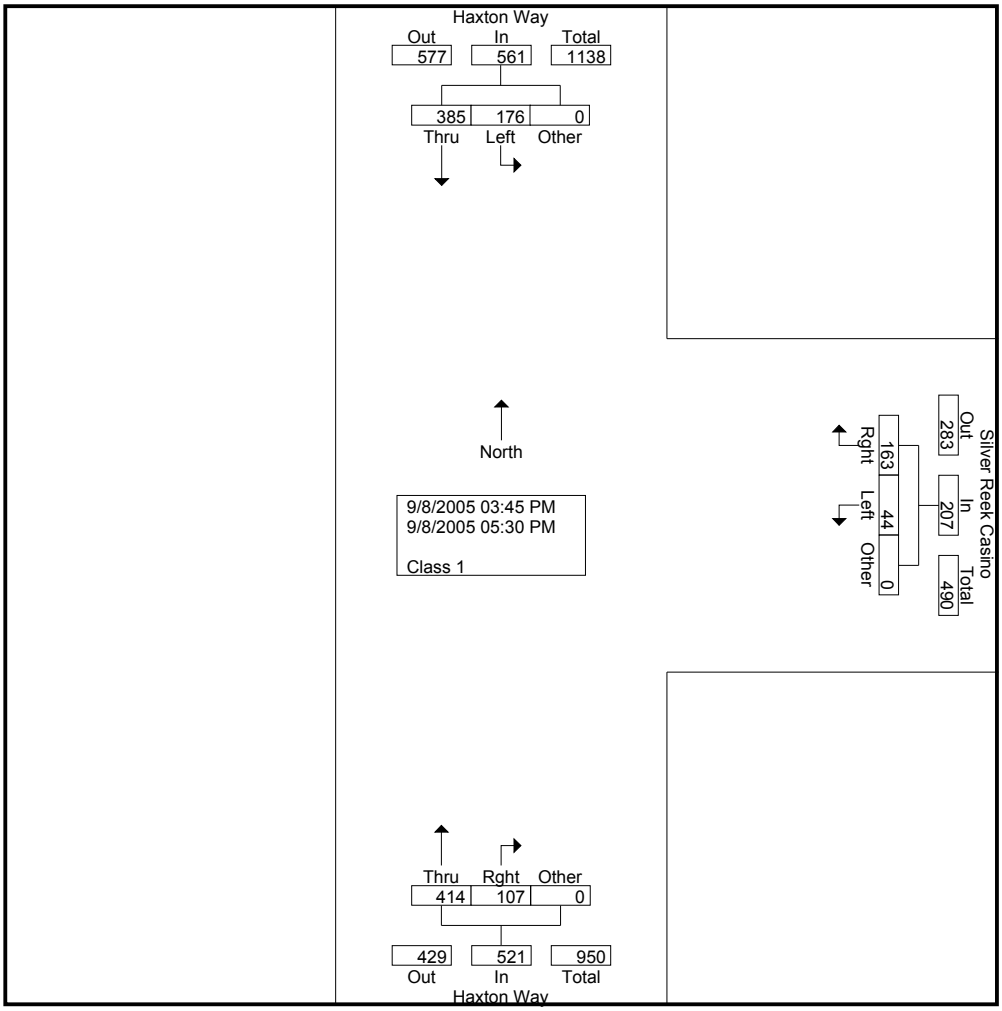
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Casino PM
Site Code : 00000000
Start Date : 9/8/2005
Page No : 1

Groups Printed- Class 1

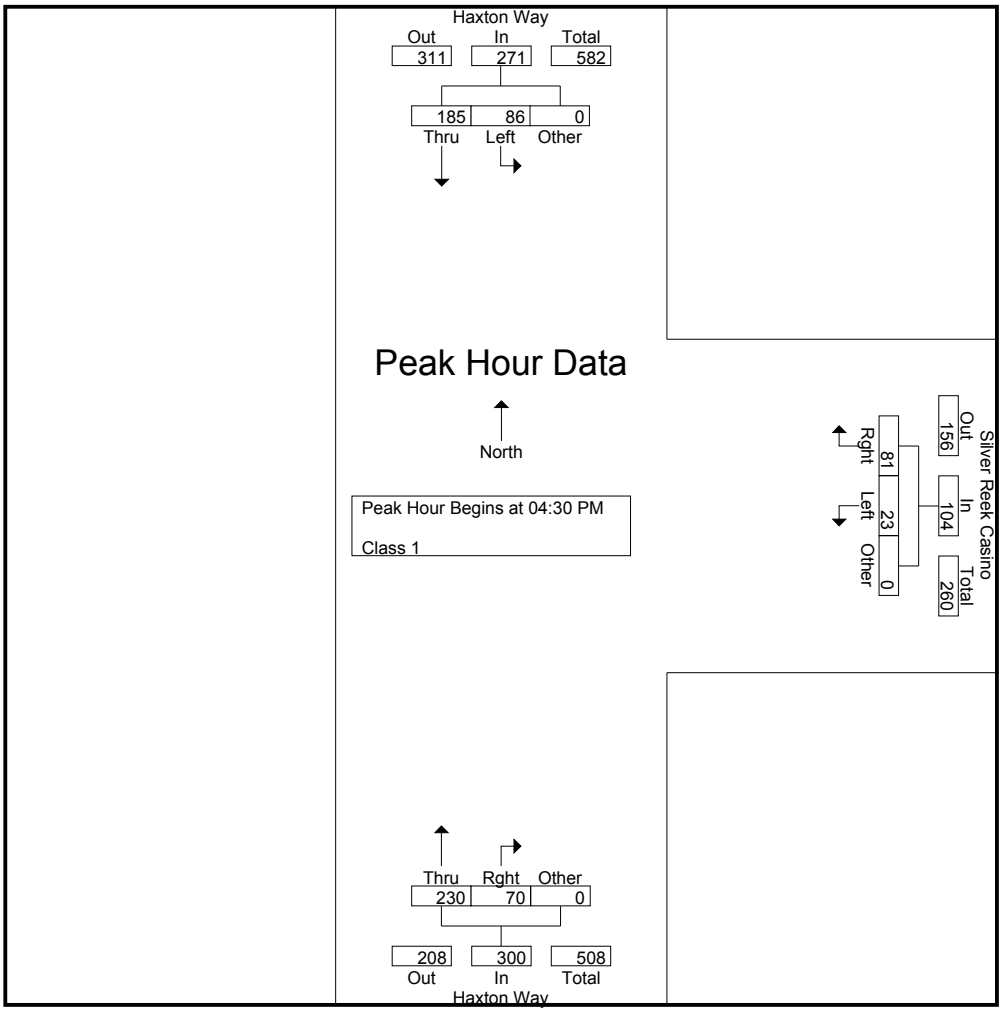
| | Haxton Way From North | | | Silver Reek Casino From East | | | Haxton Way From South | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Other | Rght | Left | Other | Rght | Thru | Other | Int. Total |
| 03:45 PM | 53 | 22 | 0 | 28 | 8 | 0 | 12 | 53 | 0 | 176 |
| Total | 53 | 22 | 0 | 28 | 8 | 0 | 12 | 53 | 0 | 176 |
| 04:00 PM | 42 | 20 | 0 | 22 | 3 | 0 | 7 | 48 | 0 | 142 |
| 04:15 PM | 52 | 14 | 0 | 18 | 4 | 0 | 4 | 38 | 0 | 130 |
| 04:30 PM | 42 | 13 | 0 | 20 | 7 | 0 | 20 | 82 | 0 | 184 |
| 04:45 PM | 63 | 27 | 0 | 14 | 9 | 0 | 22 | 51 | 0 | 186 |
| Total | 199 | 74 | 0 | 74 | 23 | 0 | 53 | 219 | 0 | 642 |
| 05:00 PM | 26 | 28 | 0 | 20 | 5 | 0 | 13 | 50 | 0 | 142 |
| 05:15 PM | 54 | 18 | 0 | 27 | 2 | 0 | 15 | 47 | 0 | 163 |
| 05:30 PM | 53 | 34 | 0 | 14 | 6 | 0 | 14 | 45 | 0 | 166 |
| Grand Total | 385 | 176 | 0 | 163 | 44 | 0 | 107 | 414 | 0 | 1289 |
| Apprch % | 68.6 | 31.4 | 0 | 78.7 | 21.3 | 0 | 20.5 | 79.5 | 0 | |
| Total % | 29.9 | 13.7 | 0 | 12.6 | 3.4 | 0 | 8.3 | 32.1 | 0 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Casino PM
Site Code : 00000000
Start Date : 9/8/2005
Page No : 2

| | Haxton Way From North | | | | Silver Reek Casino From East | | | | Haxton Way From South | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Other | App. Total | Rght | Left | Other | App. Total | Rght | Thru | Other | App. Total | Int. Total |
| Peak Hour Analysis From 03:45 PM to 05:30 PM - Peak 1 of 1 | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:30 PM | | | | | | | | | | | | | |
| 04:30 PM | 42 | 13 | 0 | 55 | 20 | 7 | 0 | 27 | 20 | **82** | 0 | **102** | 184 |
| 04:45 PM | **63** | 27 | 0 | **90** | 14 | **9** | 0 | 23 | **22** | 51 | 0 | 73 | **186** |
| 05:00 PM | 26 | **28** | 0 | 54 | 20 | 5 | 0 | 25 | 13 | 50 | 0 | 63 | 142 |
| 05:15 PM | 54 | 18 | 0 | 72 | **27** | 2 | 0 | **29** | 15 | 47 | 0 | 62 | 163 |
| Total Volume | 185 | 86 | 0 | 271 | 81 | 23 | 0 | 104 | 70 | 230 | 0 | 300 | 675 |
| % App. Total | 68.3 | 31.7 | 0 | | 77.9 | 22.1 | 0 | | 23.3 | 76.7 | 0 | | |
| PHF | .734 | .768 | .000 | .753 | .750 | .639 | .000 | .897 | .795 | .701 | .000 | .735 | .907 |



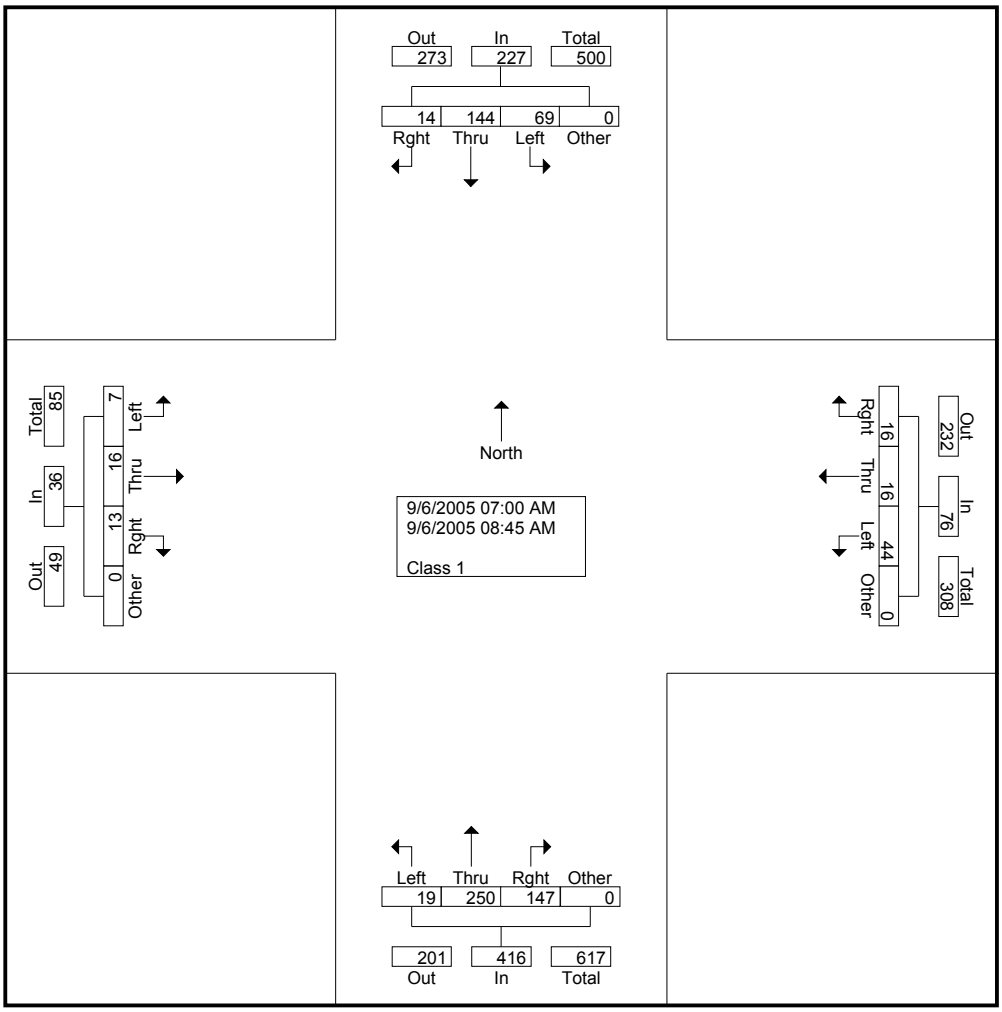
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Kwina AM
Site Code : 00000000
Start Date : 9/6/2005
Page No : 1

Groups Printed- Class 1

| | From North | | | | From East | | | | From South | | | | From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Other | Rght | Thru | Left | Other | Rght | Thru | Left | Other | Rght | Thru | Left | Other | Int. Total |
| 07:00 AM | 0 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 6 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 34 |
| 07:15 AM | 1 | 12 | 0 | 0 | 0 | 0 | 4 | 0 | 13 | 37 | 5 | 0 | 1 | 2 | 0 | 0 | 75 |
| 07:30 AM | 1 | 22 | 6 | 0 | 2 | 1 | 1 | 0 | 15 | 41 | 1 | 0 | 1 | 0 | 2 | 0 | 93 |
| 07:45 AM | 3 | 41 | 13 | 0 | 3 | 1 | 12 | 0 | 13 | 30 | 4 | 0 | 4 | 1 | 1 | 0 | 126 |
| Total | 5 | 79 | 22 | 0 | 5 | 2 | 17 | 0 | 47 | 128 | 11 | 0 | 6 | 3 | 3 | 0 | 328 |
| 08:00 AM | 5 | 23 | 25 | 0 | 3 | 9 | 8 | 0 | 42 | 26 | 3 | 0 | 1 | 4 | 1 | 0 | 150 |
| 08:15 AM | 0 | 12 | 8 | 0 | 3 | 1 | 4 | 0 | 28 | 44 | 1 | 0 | 1 | 2 | 1 | 0 | 105 |
| 08:30 AM | 4 | 14 | 6 | 0 | 5 | 0 | 6 | 0 | 10 | 21 | 1 | 0 | 2 | 4 | 1 | 0 | 74 |
| 08:45 AM | 0 | 16 | 8 | 0 | 0 | 4 | 9 | 0 | 20 | 31 | 3 | 0 | 3 | 3 | 1 | 0 | 98 |
| Total | 9 | 65 | 47 | 0 | 11 | 14 | 27 | 0 | 100 | 122 | 8 | 0 | 7 | 13 | 4 | 0 | 427 |
| Grand Total | 14 | 144 | 69 | 0 | 16 | 16 | 44 | 0 | 147 | 250 | 19 | 0 | 13 | 16 | 7 | 0 | 755 |
| Apprch % | 6.2 | 63.4 | 30.4 | 0 | 21.1 | 21.1 | 57.9 | 0 | 35.3 | 60.1 | 4.6 | 0 | 36.1 | 44.4 | 19.4 | 0 | |
| Total % | 1.9 | 19.1 | 9.1 | 0 | 2.1 | 2.1 | 5.8 | 0 | 19.5 | 33.1 | 2.5 | 0 | 1.7 | 2.1 | 0.9 | 0 | |

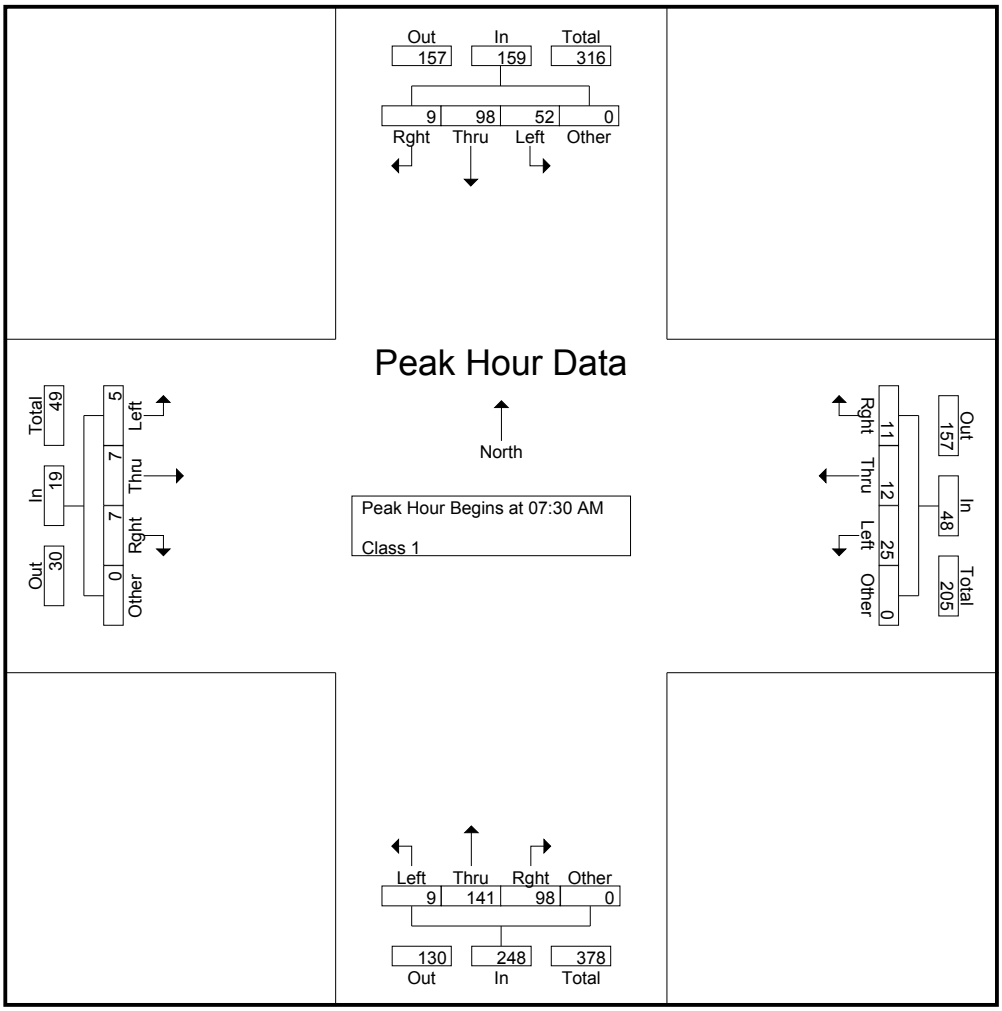


# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Kwina AM
Site Code : 00000000
Start Date : 9/6/2005
Page No : 2

| | From North | | | | | From East | | | | | From South | | | | | From West | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Other | App. Total | Rght | Thru | Left | Other | App. Total | Rght | Thru | Left | Other | App. Total | Rght | Thru | Left | Other | App. Total | Int. Total |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 AM | | | | | | | | | | | | | | | | | | | | | |
| 07:30 AM | 1 | 22 | 6 | 0 | 29 | 2 | 1 | 1 | 0 | 4 | 15 | 41 | 1 | 0 | 57 | 1 | 0 | **2** | 0 | 3 | 93 |
| 07:45 AM | 3 | **41** | 13 | 0 | **57** | **3** | 1 | **12** | 0 | 16 | 13 | 30 | **4** | 0 | 47 | **4** | 1 | 1 | 0 | **6** | 126 |
| 08:00 AM | **5** | 23 | **25** | 0 | 53 | 3 | **9** | 8 | 0 | **20** | **42** | 26 | 3 | 0 | 71 | 1 | **4** | 1 | 0 | 6 | **150** |
| 08:15 AM | 0 | 12 | 8 | 0 | 20 | 3 | 1 | 4 | 0 | 8 | 28 | **44** | 1 | 0 | **73** | 1 | 2 | 1 | 0 | 4 | 105 |
| Total Volume | 9 | 98 | 52 | 0 | 159 | 11 | 12 | 25 | 0 | 48 | 98 | 141 | 9 | 0 | 248 | 7 | 7 | 5 | 0 | 19 | 474 |
| % App. Total | 5.7 | 61.6 | 32.7 | 0 | | 22.9 | 25 | 52.1 | 0 | | 39.5 | 56.9 | 3.6 | 0 | | 36.8 | 36.8 | 26.3 | 0 | | |
| PHF | .450 | .598 | .520 | .000 | .697 | .917 | .333 | .521 | .000 | .600 | .583 | .801 | .563 | .000 | .849 | .438 | .438 | .625 | .000 | .792 | .790 |



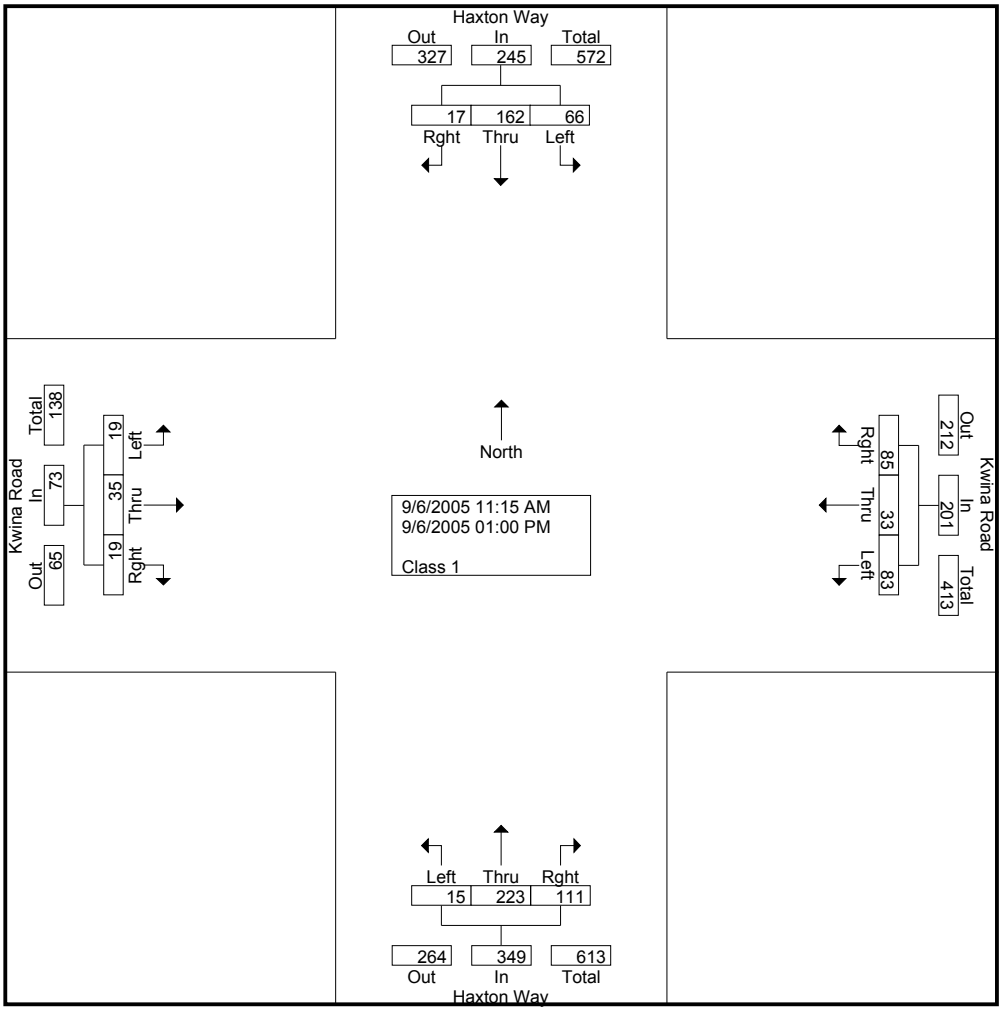
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Kwina Noon
Site Code : 00000000
Start Date : 9/6/2005
Page No : 1

Groups Printed- Class 1

| | Haxton Way From North | | | Kwina Road From East | | | Haxton Way From South | | | Kwina Road From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 11:15 AM | 2 | 20 | 6 | 8 | 1 | 9 | 21 | 33 | 5 | 1 | 5 | 1 | 112 |
| 11:30 AM | 2 | 15 | 4 | 13 | 3 | 5 | 18 | 17 | 0 | 3 | 0 | 3 | 83 |
| 11:45 AM | 1 | 18 | 9 | 11 | 2 | 16 | 11 | 39 | 1 | 3 | 7 | 2 | 120 |
| Total | 5 | 53 | 19 | 32 | 6 | 30 | 50 | 89 | 6 | 7 | 12 | 6 | 315 |
| 12:00 PM | 2 | 21 | 8 | 22 | 9 | 18 | 10 | 21 | 5 | 1 | 3 | 5 | 125 |
| 12:15 PM | 0 | 19 | 8 | 6 | 3 | 13 | 12 | 28 | 0 | 3 | 2 | 3 | 97 |
| 12:30 PM | 5 | 23 | 10 | 7 | 3 | 11 | 18 | 40 | 1 | 1 | 7 | 3 | 129 |
| 12:45 PM | 1 | 27 | 14 | 10 | 4 | 8 | 8 | 23 | 1 | 4 | 4 | 2 | 106 |
| Total | 8 | 90 | 40 | 45 | 19 | 50 | 48 | 112 | 7 | 9 | 16 | 13 | 457 |
| 01:00 PM | 4 | 19 | 7 | 8 | 8 | 3 | 13 | 22 | 2 | 3 | 7 | 0 | 96 |
| Grand Total | 17 | 162 | 66 | 85 | 33 | 83 | 111 | 223 | 15 | 19 | 35 | 19 | 868 |
| Apprch % | 6.9 | 66.1 | 26.9 | 42.3 | 16.4 | 41.3 | 31.8 | 63.9 | 4.3 | 26 | 47.9 | 26 | |
| Total % | 2 | 18.7 | 7.6 | 9.8 | 3.8 | 9.6 | 12.8 | 25.7 | 1.7 | 2.2 | 4 | 2.2 | |

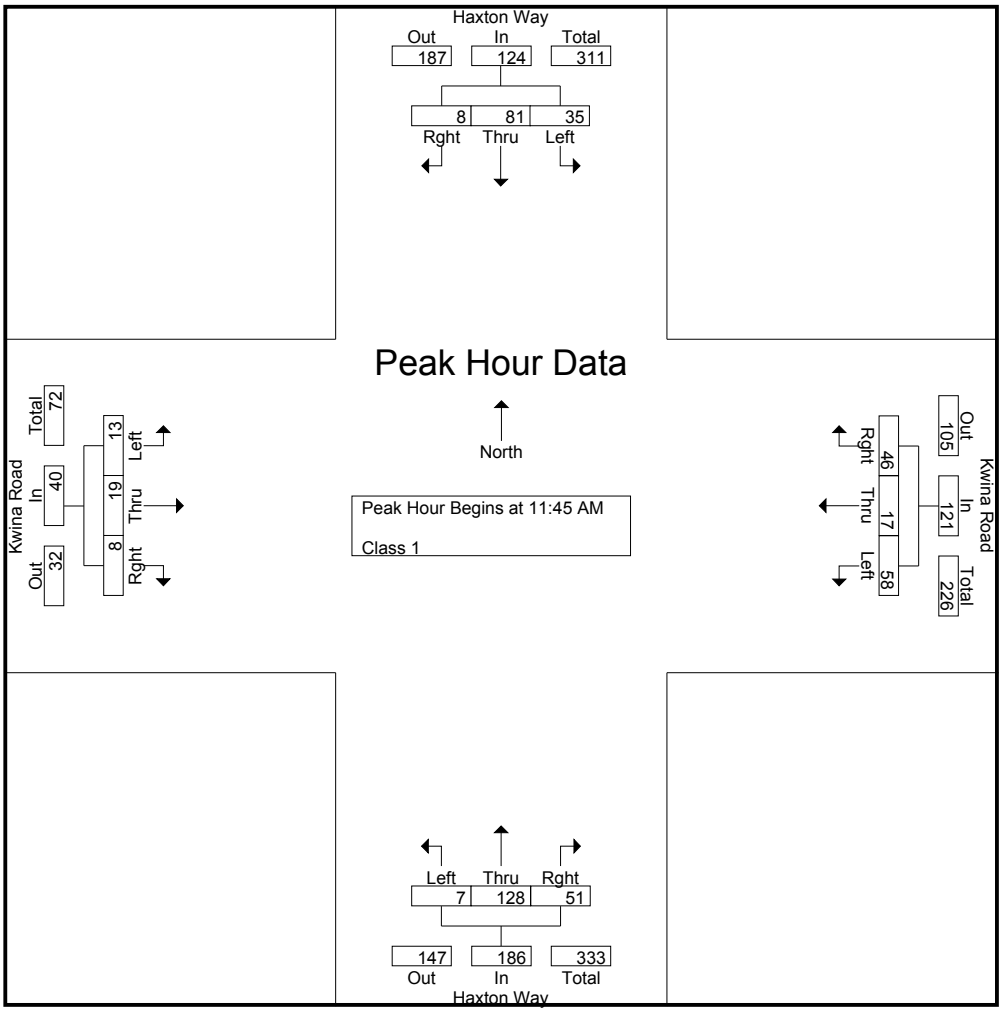


# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Kwina Noon
Site Code : 00000000
Start Date : 9/6/2005
Page No : 2

| | Haxton Way From North | | | | Kwina Road From East | | | | Haxton Way From South | | | | Kwina Road From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 11:15 AM to 01:00 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 11:45 AM | | | | | | | | | | | | | | | | | |
| 11:45 AM | 1 | 18 | 9 | 28 | 11 | 2 | 16 | 29 | 11 | 39 | 1 | 51 | **3** | **7** | 2 | **12** | 120 |
| 12:00 PM | 2 | 21 | 8 | 31 | **22** | **9** | **18** | **49** | 10 | 21 | **5** | 36 | 1 | 3 | **5** | 9 | 125 |
| 12:15 PM | 0 | 19 | 8 | 27 | 6 | 3 | 13 | 22 | 12 | 28 | 0 | 40 | 3 | 2 | 3 | 8 | 97 |
| 12:30 PM | **5** | **23** | **10** | **38** | 7 | 3 | 11 | 21 | **18** | **40** | 1 | **59** | 1 | 7 | 3 | 11 | **129** |
| Total Volume | 8 | 81 | 35 | 124 | 46 | 17 | 58 | 121 | 51 | 128 | 7 | 186 | 8 | 19 | 13 | 40 | 471 |
| % App. Total | 6.5 | 65.3 | 28.2 | | 38 | 14 | 47.9 | | 27.4 | 68.8 | 3.8 | | 20 | 47.5 | 32.5 | | |
| PHF | .400 | .880 | .875 | .816 | .523 | .472 | .806 | .617 | .708 | .800 | .350 | .788 | .667 | .679 | .650 | .833 | .913 |



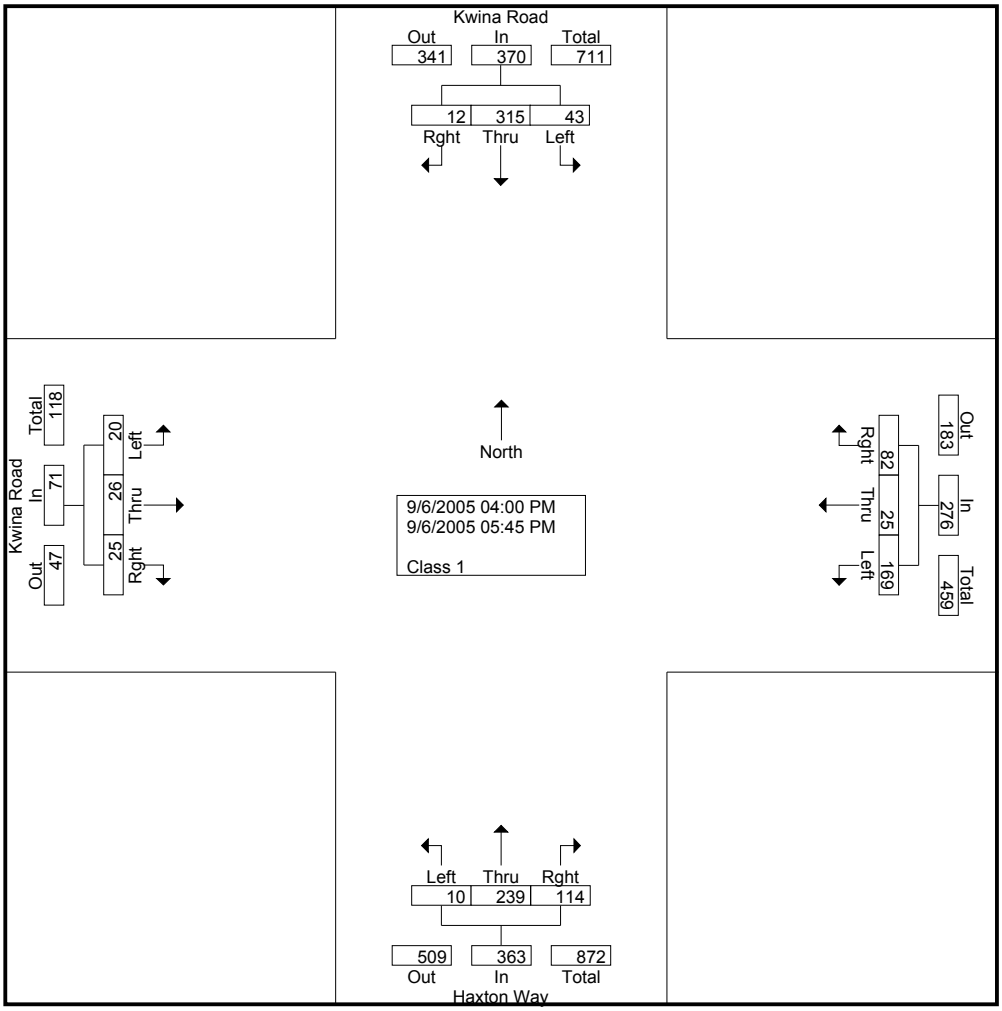
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Kwina PM
Site Code : 00000000
Start Date : 9/6/2005
Page No : 1

Groups Printed- Class 1

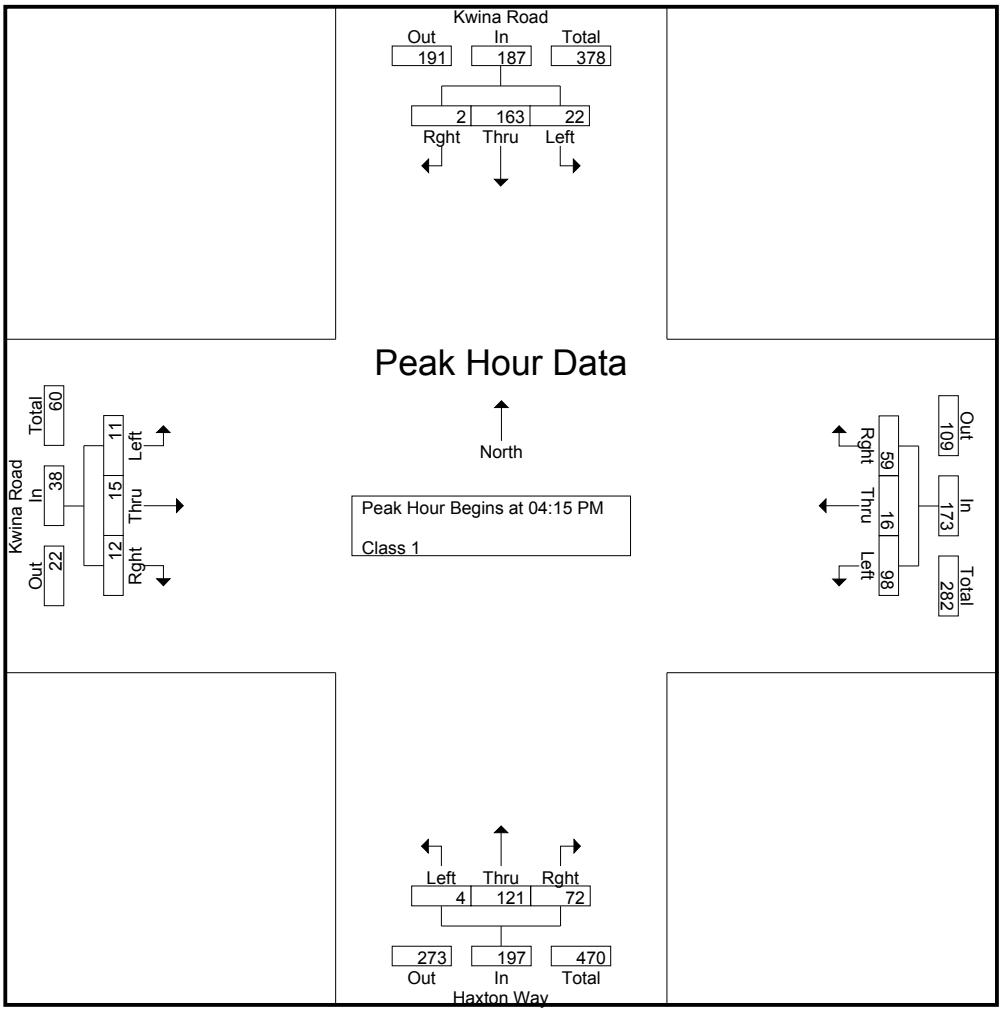
| | Kwina Road From North | | | From East | | | Haxton Way From South | | | Kwina Road From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Rght | Thru | Left | Int. Total |
| 04:00 PM | 3 | 33 | 9 | 8 | 5 | 19 | 16 | 18 | 5 | 4 | 6 | 5 | 131 |
| 04:15 PM | 1 | 37 | 5 | 8 | 7 | 16 | 15 | 27 | 1 | 3 | 8 | 2 | 130 |
| 04:30 PM | 0 | 31 | 7 | 21 | 5 | 39 | 23 | 40 | 1 | 6 | 7 | 8 | 188 |
| 04:45 PM | 0 | 44 | 6 | 16 | 2 | 26 | 15 | 21 | 2 | 3 | 0 | 0 | 135 |
| Total | 4 | 145 | 27 | 53 | 19 | 100 | 69 | 106 | 9 | 16 | 21 | 15 | 584 |
| 05:00 PM | 1 | 51 | 4 | 14 | 2 | 17 | 19 | 33 | 0 | 0 | 0 | 1 | 142 |
| 05:15 PM | 1 | 42 | 3 | 6 | 2 | 22 | 9 | 32 | 0 | 1 | 2 | 3 | 123 |
| 05:30 PM | 3 | 39 | 5 | 3 | 2 | 20 | 9 | 37 | 0 | 4 | 1 | 0 | 123 |
| 05:45 PM | 3 | 38 | 4 | 6 | 0 | 10 | 8 | 31 | 1 | 4 | 2 | 1 | 108 |
| Total | 8 | 170 | 16 | 29 | 6 | 69 | 45 | 133 | 1 | 9 | 5 | 5 | 496 |
| Grand Total | 12 | 315 | 43 | 82 | 25 | 169 | 114 | 239 | 10 | 25 | 26 | 20 | 1080 |
| Apprch % | 3.2 | 85.1 | 11.6 | 29.7 | 9.1 | 61.2 | 31.4 | 65.8 | 2.8 | 35.2 | 36.6 | 28.2 | |
| Total % | 1.1 | 29.2 | 4 | 7.6 | 2.3 | 15.6 | 10.6 | 22.1 | 0.9 | 2.3 | 2.4 | 1.9 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Haxton-Kwina PM
Site Code : 00000000
Start Date : 9/6/2005
Page No : 2

| | Kwina Road From North | | | | From East | | | | Haxton Way From South | | | | Kwina Road From West | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Rght | Thru | Left | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:15 PM | | | | | | | | | | | | | | | | | |
| 04:15 PM | **1** | 37 | 5 | 43 | 8 | **7** | 16 | 31 | 15 | 27 | 1 | 43 | 3 | **8** | 2 | 13 | 130 |
| 04:30 PM | 0 | 31 | **7** | 38 | **21** | 5 | **39** | **65** | **23** | **40** | 1 | **64** | **6** | 7 | **8** | **21** | **188** |
| 04:45 PM | 0 | 44 | 6 | 50 | 16 | 2 | 26 | 44 | 15 | 21 | **2** | 38 | 3 | 0 | 0 | 3 | 135 |
| 05:00 PM | 1 | **51** | 4 | **56** | 14 | 2 | 17 | 33 | 19 | 33 | 0 | 52 | 0 | 0 | 1 | 1 | 142 |
| Total Volume | 2 | 163 | 22 | 187 | 59 | 16 | 98 | 173 | 72 | 121 | 4 | 197 | 12 | 15 | 11 | 38 | 595 |
| % App. Total | 1.1 | 87.2 | 11.8 | | 34.1 | 9.2 | 56.6 | | 36.5 | 61.4 | 2 | | 31.6 | 39.5 | 28.9 | | |
| PHF | .500 | .799 | .786 | .835 | .702 | .571 | .628 | .665 | .783 | .756 | .500 | .770 | .500 | .469 | .344 | .452 | .791 |



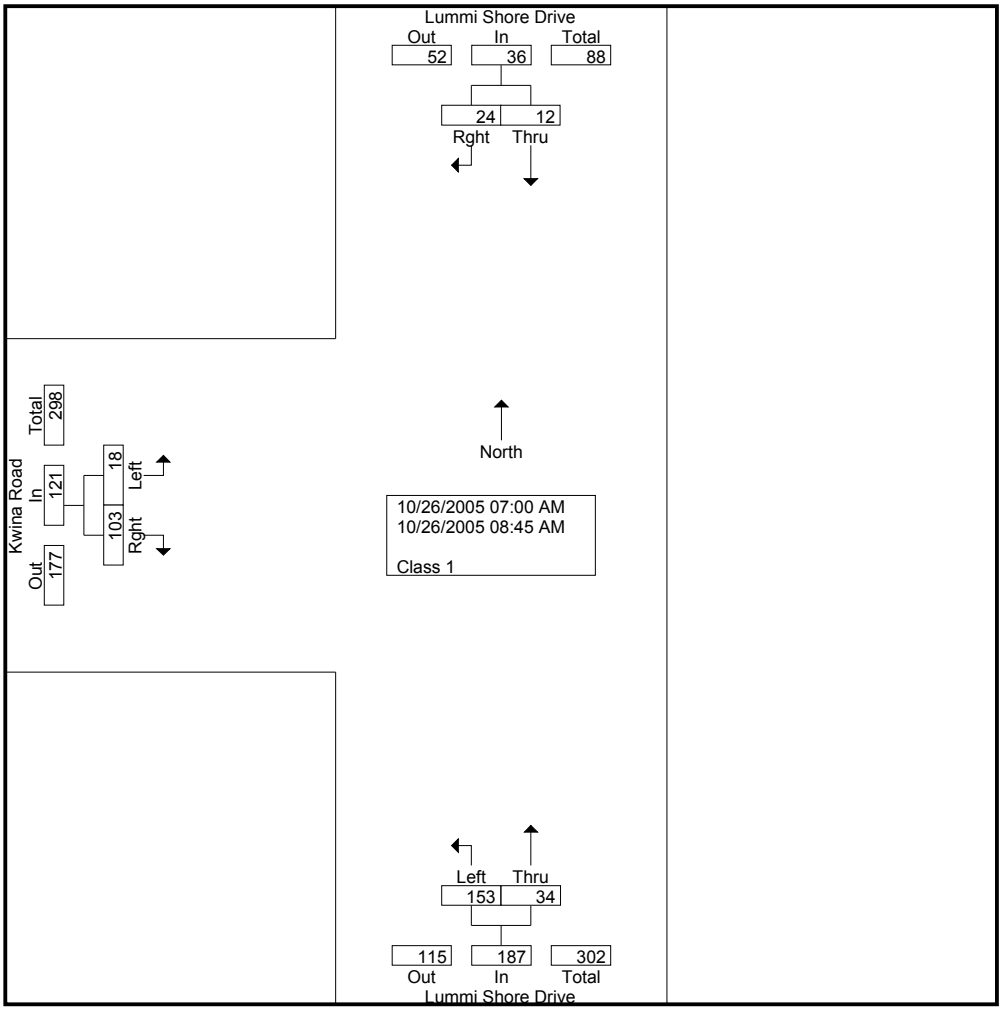
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Kwina-LumShore AM
Site Code : 00000000
Start Date : 10/26/2005
Page No : 1

Groups Printed- Class 1

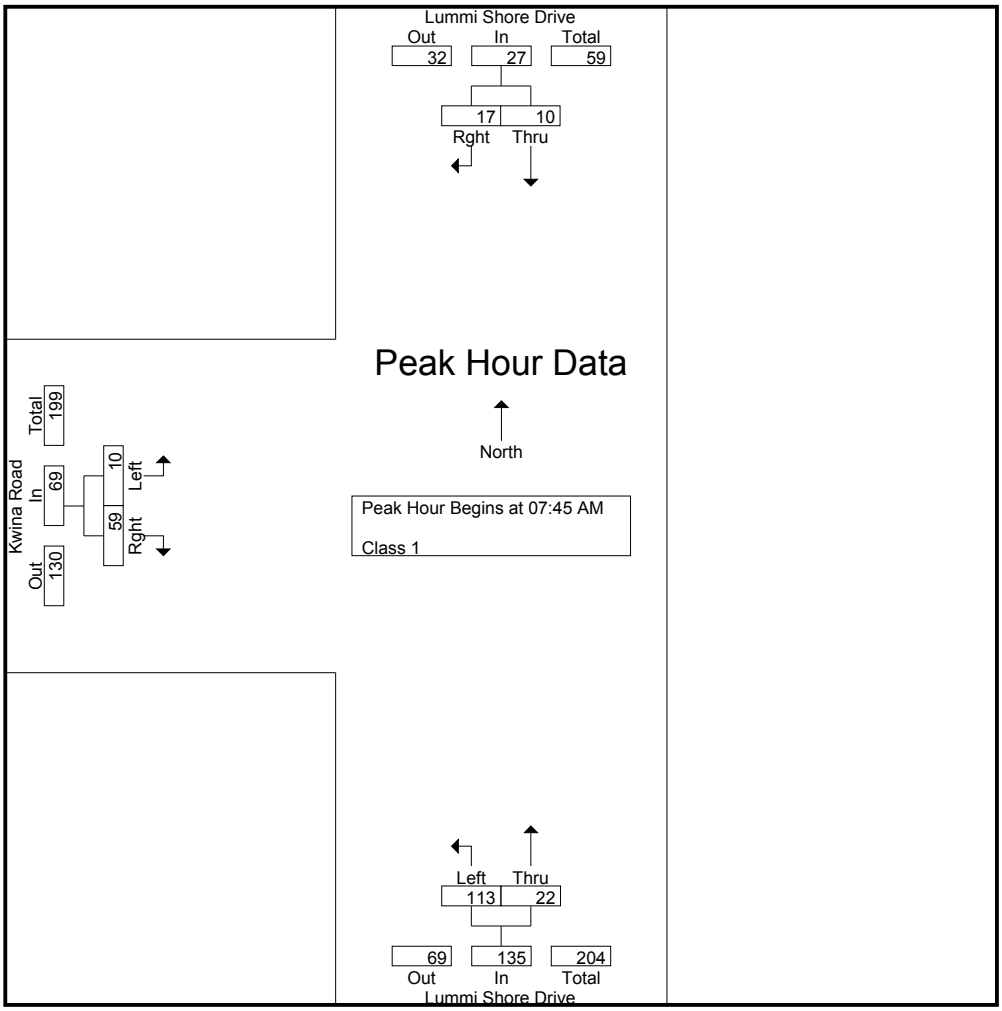
| | Lummi Shore Drive From North | | Lummi Shore Drive From South | | Kwina Road From West | | |
|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Thru | Left | Rght | Left | Int. Total |
| 07:00 AM | 1 | 0 | 2 | 7 | 6 | 0 | 16 |
| 07:15 AM | 3 | 1 | 2 | 7 | 9 | 2 | 24 |
| 07:30 AM | 3 | 0 | 5 | 12 | 15 | 4 | 39 |
| 07:45 AM | 5 | 3 | 6 | 26 | 16 | 2 | 58 |
| Total | 12 | 4 | 15 | 52 | 46 | 8 | 137 |
| 08:00 AM | 7 | 4 | 5 | 48 | 9 | 3 | 76 |
| 08:15 AM | 3 | 1 | 7 | 24 | 17 | 2 | 54 |
| 08:30 AM | 2 | 2 | 4 | 15 | 17 | 3 | 43 |
| 08:45 AM | 0 | 1 | 3 | 14 | 14 | 2 | 34 |
| Total | 12 | 8 | 19 | 101 | 57 | 10 | 207 |
| Grand Total | 24 | 12 | 34 | 153 | 103 | 18 | 344 |
| Apprch % | 66.7 | 33.3 | 18.2 | 81.8 | 85.1 | 14.9 | |
| Total % | 7 | 3.5 | 9.9 | 44.5 | 29.9 | 5.2 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Kwina-LumShore AM
Site Code : 00000000
Start Date : 10/26/2005
Page No : 2

| | Lummi Shore Drive From North | | | Lummi Shore Drive From South | | | Kwina Road From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | App. Total | Thru | Left | App. Total | Rght | Left | App. Total | Int. Total |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:45 AM | | | | | | | | | | |
| 07:45 AM | 5 | 3 | 8 | 6 | 26 | 32 | 16 | 2 | 18 | 58 |
| 08:00 AM | **7** | **4** | **11** | 5 | **48** | **53** | 9 | **3** | 12 | **76** |
| 08:15 AM | 3 | 1 | 4 | **7** | 24 | 31 | **17** | 2 | 19 | 54 |
| 08:30 AM | 2 | 2 | 4 | 4 | 15 | 19 | 17 | 3 | **20** | 43 |
| Total Volume | 17 | 10 | 27 | 22 | 113 | 135 | 59 | 10 | 69 | 231 |
| % App. Total | 63 | 37 | | 16.3 | 83.7 | | 85.5 | 14.5 | | |
| PHF | .607 | .625 | .614 | .786 | .589 | .637 | .868 | .833 | .863 | .760 |



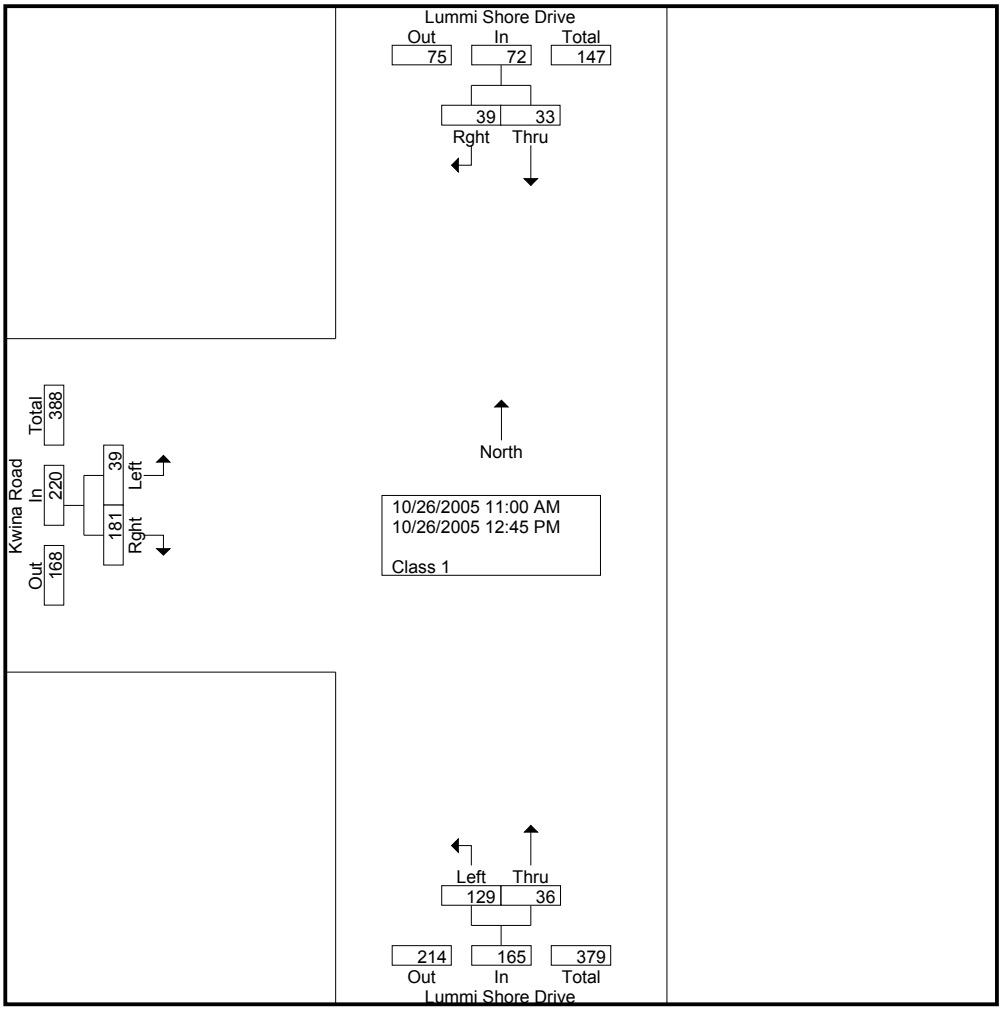
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Kwina-LumShore Noon
Site Code : 00000000
Start Date : 10/26/2005
Page No : 1

Groups Printed- Class 1

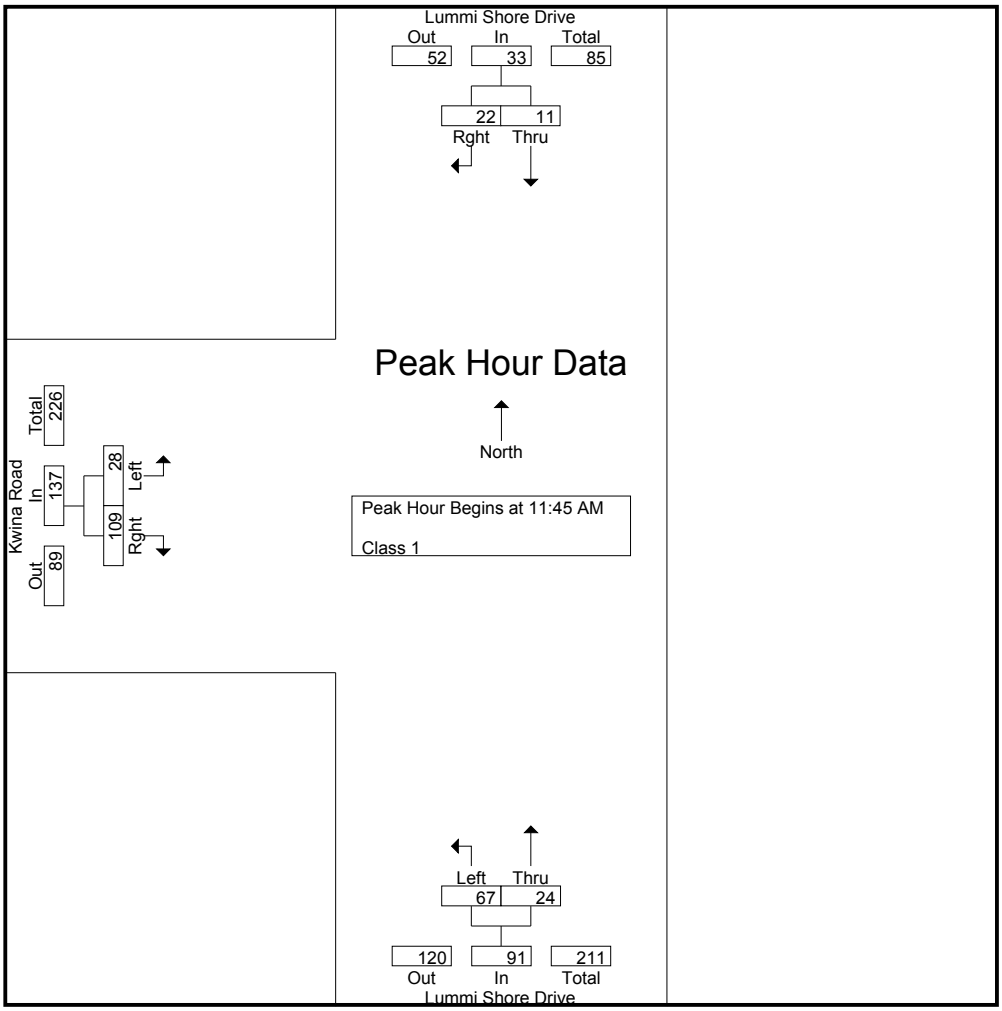
| | Lummi Shore Drive From North | | Lummi Shore Drive From South | | Kwina Road From West | | |
|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Thru | Left | Rght | Left | Int. Total |
| 11:00 AM | 4 | 12 | 5 | 11 | 10 | 1 | 43 |
| 11:15 AM | 4 | 4 | 1 | 14 | 27 | 3 | 53 |
| 11:30 AM | 7 | 2 | 4 | 14 | 23 | 5 | 55 |
| 11:45 AM | 3 | 1 | 6 | 12 | 28 | 6 | 56 |
| Total | 18 | 19 | 16 | 51 | 88 | 15 | 207 |
| 12:00 PM | 7 | 3 | 6 | 16 | 37 | 15 | 84 |
| 12:15 PM | 5 | 1 | 9 | 17 | 24 | 4 | 60 |
| 12:30 PM | 7 | 6 | 3 | 22 | 20 | 3 | 61 |
| 12:45 PM | 2 | 4 | 2 | 23 | 12 | 2 | 45 |
| Total | 21 | 14 | 20 | 78 | 93 | 24 | 250 |
| Grand Total | 39 | 33 | 36 | 129 | 181 | 39 | 457 |
| Apprch % | 54.2 | 45.8 | 21.8 | 78.2 | 82.3 | 17.7 | |
| Total % | 8.5 | 7.2 | 7.9 | 28.2 | 39.6 | 8.5 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Kwina-LumShore Noon
Site Code : 00000000
Start Date : 10/26/2005
Page No : 2

| | Lummi Shore Drive From North | | | Lummi Shore Drive From South | | | Kwina Road From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | App. Total | Thru | Left | App. Total | Rght | Left | App. Total | Int. Total |
| Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 11:45 AM | | | | | | | | | | |
| 11:45 AM | 3 | 1 | 4 | 6 | 12 | 18 | 28 | 6 | 34 | 56 |
| 12:00 PM | **7** | 3 | 10 | 6 | 16 | 22 | **37** | **15** | **52** | **84** |
| 12:15 PM | 5 | 1 | 6 | **9** | 17 | **26** | 24 | 4 | 28 | 60 |
| 12:30 PM | 7 | **6** | **13** | 3 | **22** | 25 | 20 | 3 | 23 | 61 |
| Total Volume | 22 | 11 | 33 | 24 | 67 | 91 | 109 | 28 | 137 | 261 |
| % App. Total | 66.7 | 33.3 | | 26.4 | 73.6 | | 79.6 | 20.4 | | |
| PHF | .786 | .458 | .635 | .667 | .761 | .875 | .736 | .467 | .659 | .777 |



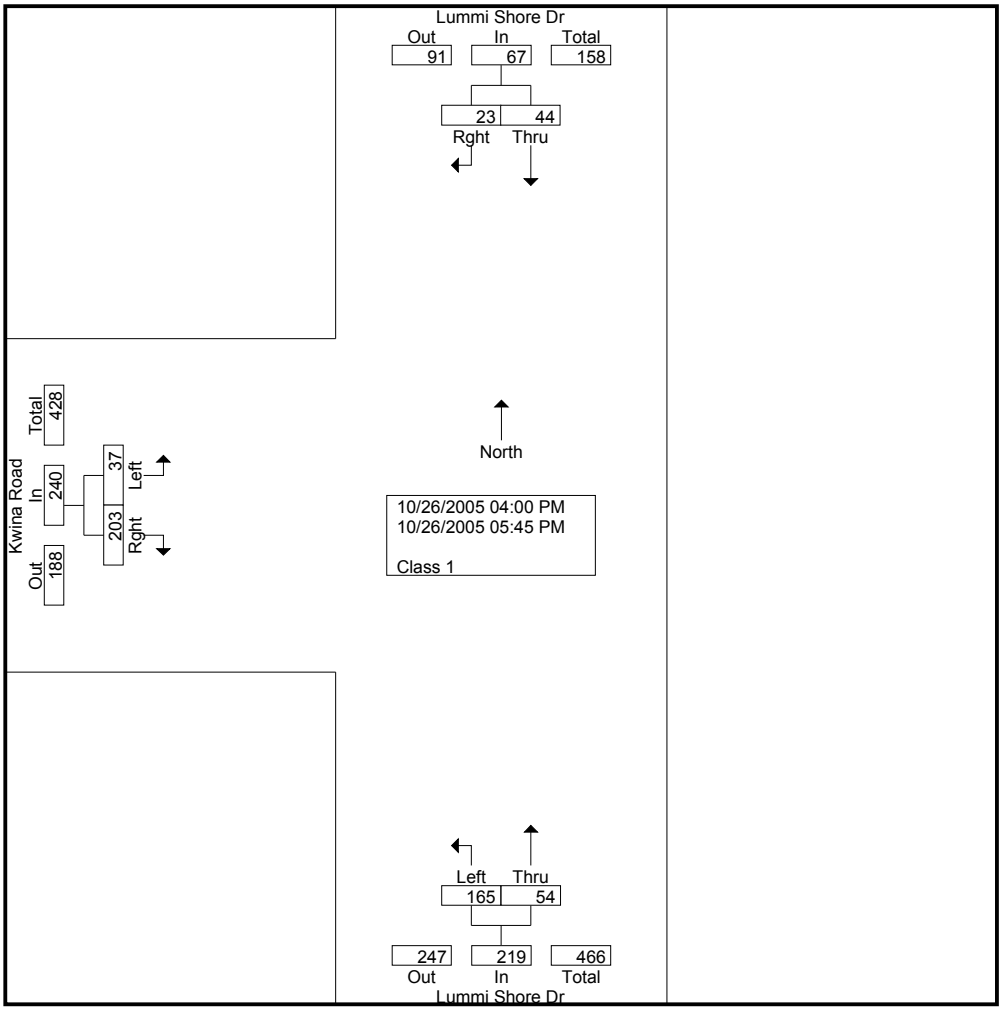
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Kwina-LumShore PM
Site Code : 00000000
Start Date : 10/26/2005
Page No : 1

Groups Printed- Class 1

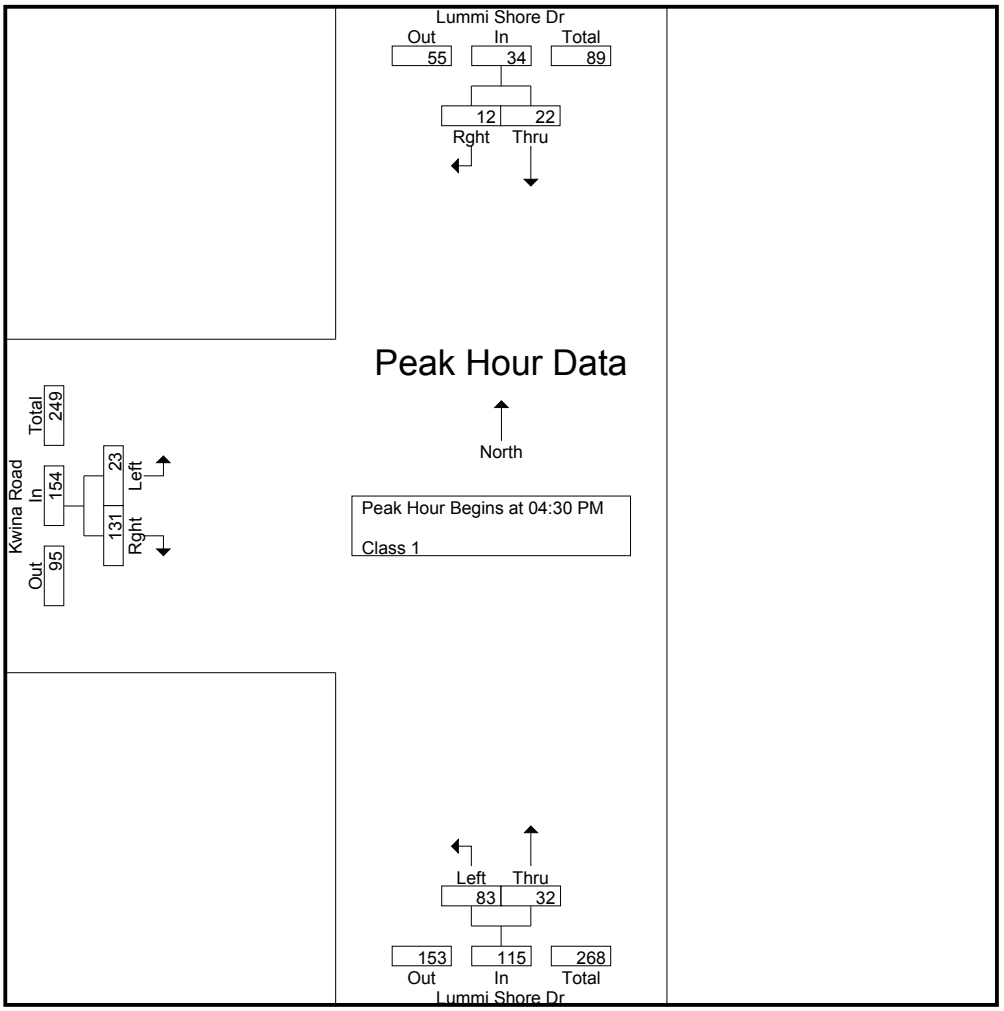
| | Lummi Shore Dr From North | | Lummi Shore Dr From South | | Kwina Road From West | | |
|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | Thru | Left | Rght | Left | Int. Total |
| 04:00 PM | 4 | 3 | 8 | 27 | 21 | 4 | 67 |
| 04:15 PM | 4 | 5 | 3 | 25 | 24 | 4 | 65 |
| 04:30 PM | 0 | 3 | 5 | 14 | 52 | 4 | 78 |
| 04:45 PM | 4 | 7 | 8 | 24 | 30 | 7 | 80 |
| Total | 12 | 18 | 24 | 90 | 127 | 19 | 290 |
| 05:00 PM | 4 | 5 | 11 | 16 | 26 | 6 | 68 |
| 05:15 PM | 4 | 7 | 8 | 29 | 23 | 6 | 77 |
| 05:30 PM | 1 | 9 | 4 | 11 | 19 | 5 | 49 |
| 05:45 PM | 2 | 5 | 7 | 19 | 8 | 1 | 42 |
| Total | 11 | 26 | 30 | 75 | 76 | 18 | 236 |
| Grand Total | 23 | 44 | 54 | 165 | 203 | 37 | 526 |
| Apprch % | 34.3 | 65.7 | 24.7 | 75.3 | 84.6 | 15.4 | |
| Total % | 4.4 | 8.4 | 10.3 | 31.4 | 38.6 | 7 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Kwina-LumShore PM
Site Code : 00000000
Start Date : 10/26/2005
Page No : 2

| | Lummi Shore Dr From North | | | Lummi Shore Dr From South | | | Kwina Road From West | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Rght | Thru | App. Total | Thru | Left | App. Total | Rght | Left | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:30 PM | | | | | | | | | | |
| 04:30 PM | 0 | 3 | 3 | 5 | 14 | 19 | **52** | 4 | **56** | 78 |
| 04:45 PM | **4** | **7** | **11** | 8 | 24 | 32 | 30 | **7** | 37 | **80** |
| 05:00 PM | 4 | 5 | 9 | **11** | 16 | 27 | 26 | 6 | 32 | 68 |
| 05:15 PM | 4 | 7 | 11 | 8 | **29** | **37** | 23 | 6 | 29 | 77 |
| Total Volume | 12 | 22 | 34 | 32 | 83 | 115 | 131 | 23 | 154 | 303 |
| % App. Total | 35.3 | 64.7 | | 27.8 | 72.2 | | 85.1 | 14.9 | | |
| PHF | .750 | .786 | .773 | .727 | .716 | .777 | .630 | .821 | .688 | .947 |



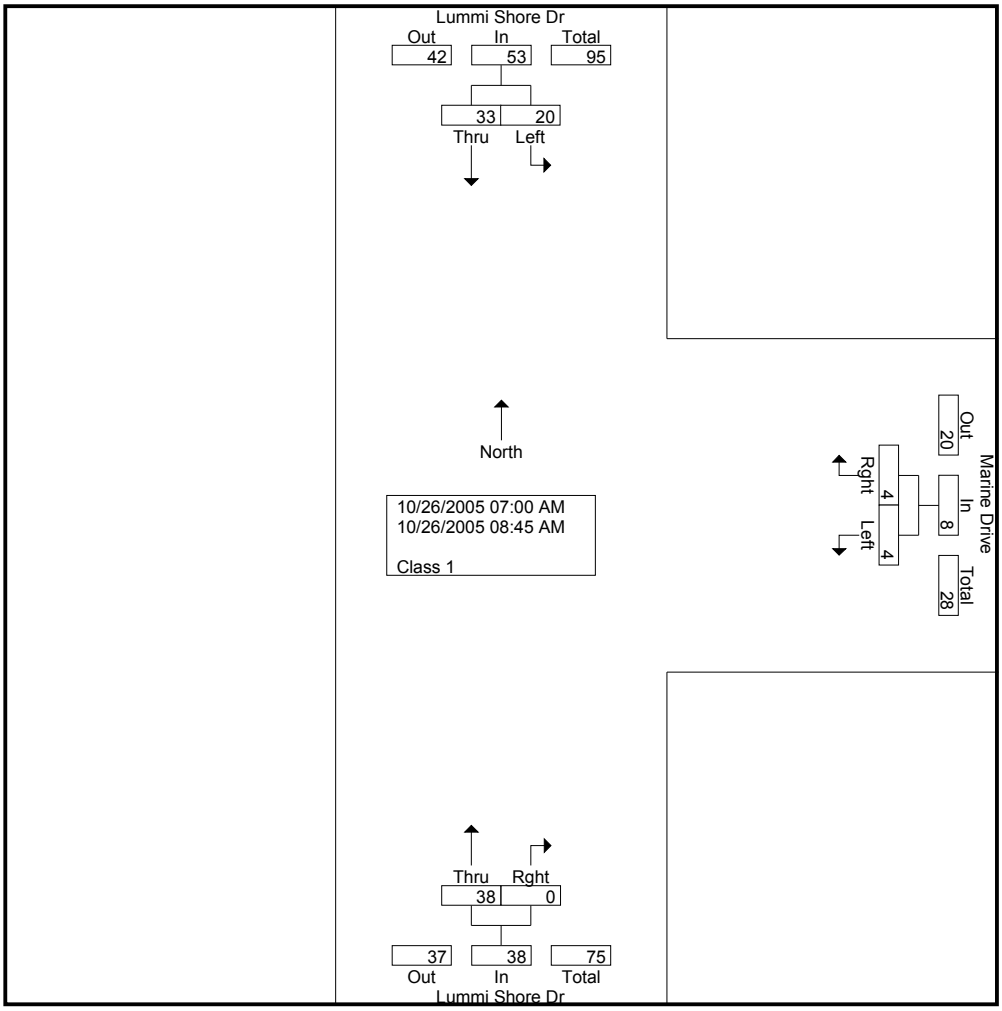
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Lummi Shore-Marine North Y AM
Site Code : 00000000
Start Date : 10/26/2005
Page No : 1

Groups Printed- Class 1

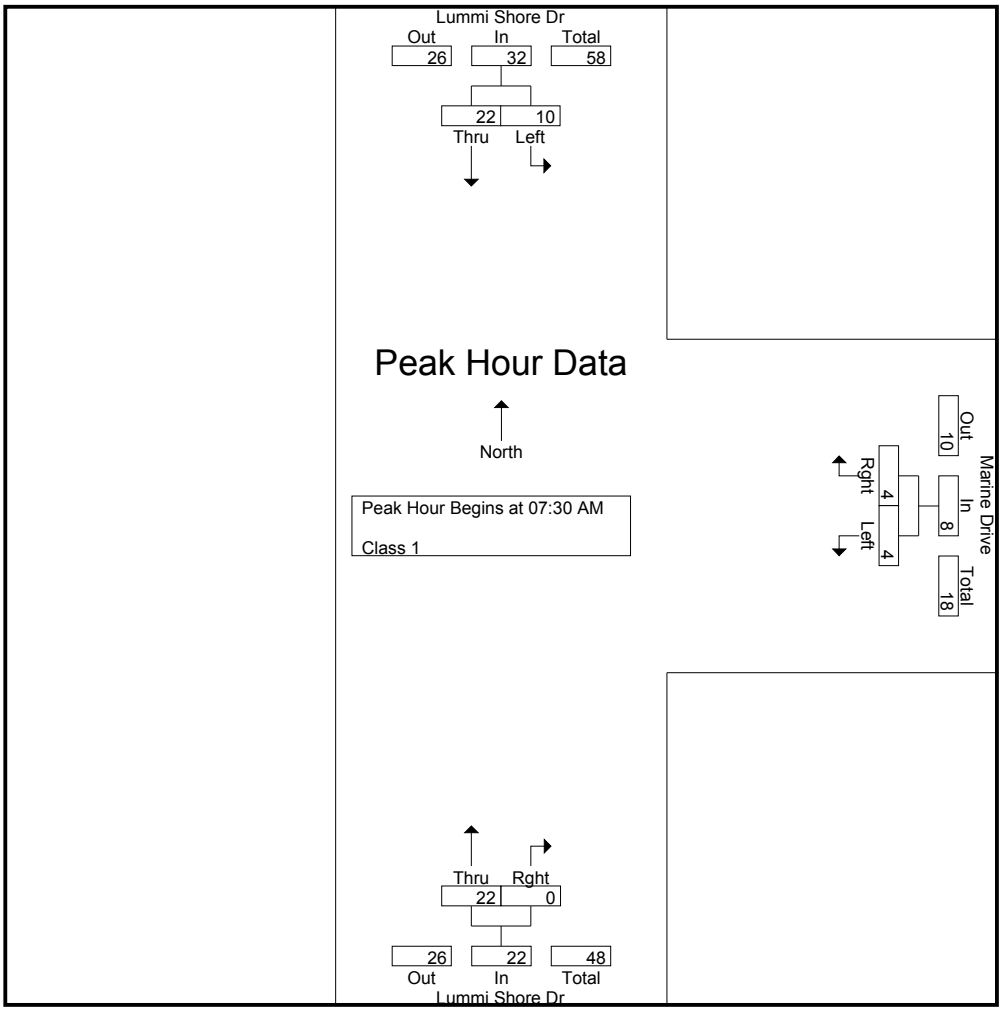
| | Lummi Shore Dr From North | | Marine Drive From East | | Lummi Shore Dr From South | | |
|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Rght | Left | Rght | Thru | Int. Total |
| 07:00 AM | 1 | 1 | 0 | 0 | 0 | 3 | 5 |
| 07:15 AM | 4 | 5 | 0 | 0 | 0 | 3 | 12 |
| 07:30 AM | 2 | 4 | 0 | 1 | 0 | 4 | 11 |
| 07:45 AM | 7 | 0 | 1 | 2 | 0 | 5 | 15 |
| Total | 14 | 10 | 1 | 3 | 0 | 15 | 43 |
| 08:00 AM | 10 | 4 | 1 | 1 | 0 | 6 | 22 |
| 08:15 AM | 3 | 2 | 2 | 0 | 0 | 7 | 14 |
| 08:30 AM | 5 | 1 | 0 | 0 | 0 | 5 | 11 |
| 08:45 AM | 1 | 3 | 0 | 0 | 0 | 5 | 9 |
| Total | 19 | 10 | 3 | 1 | 0 | 23 | 56 |
| Grand Total | 33 | 20 | 4 | 4 | 0 | 38 | 99 |
| Apprch % | 62.3 | 37.7 | 50 | 50 | 0 | 100 | |
| Total % | 33.3 | 20.2 | 4 | 4 | 0 | 38.4 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Lummi Shore-Marine North Y AM
Site Code : 00000000
Start Date : 10/26/2005
Page No : 2

| | Lummi Shore Dr From North | | | Marine Drive From East | | | Lummi Shore Dr From South | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | App. Total | Rght | Left | App. Total | Rght | Thru | App. Total | Int. Total |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 AM | | | | | | | | | | |
| 07:30 AM | 2 | **4** | 6 | 0 | 1 | 1 | 0 | 4 | 4 | 11 |
| 07:45 AM | 7 | 0 | 7 | 1 | **2** | **3** | 0 | 5 | 5 | 15 |
| 08:00 AM | **10** | 4 | **14** | 1 | 1 | 2 | 0 | 6 | 6 | **22** |
| 08:15 AM | 3 | 2 | 5 | **2** | 0 | 2 | 0 | **7** | **7** | 14 |
| Total Volume | 22 | 10 | 32 | 4 | 4 | 8 | 0 | 22 | 22 | 62 |
| % App. Total | 68.8 | 31.2 | | 50 | 50 | | 0 | 100 | | |
| PHF | .550 | .625 | .571 | .500 | .500 | .667 | .000 | .786 | .786 | .705 |



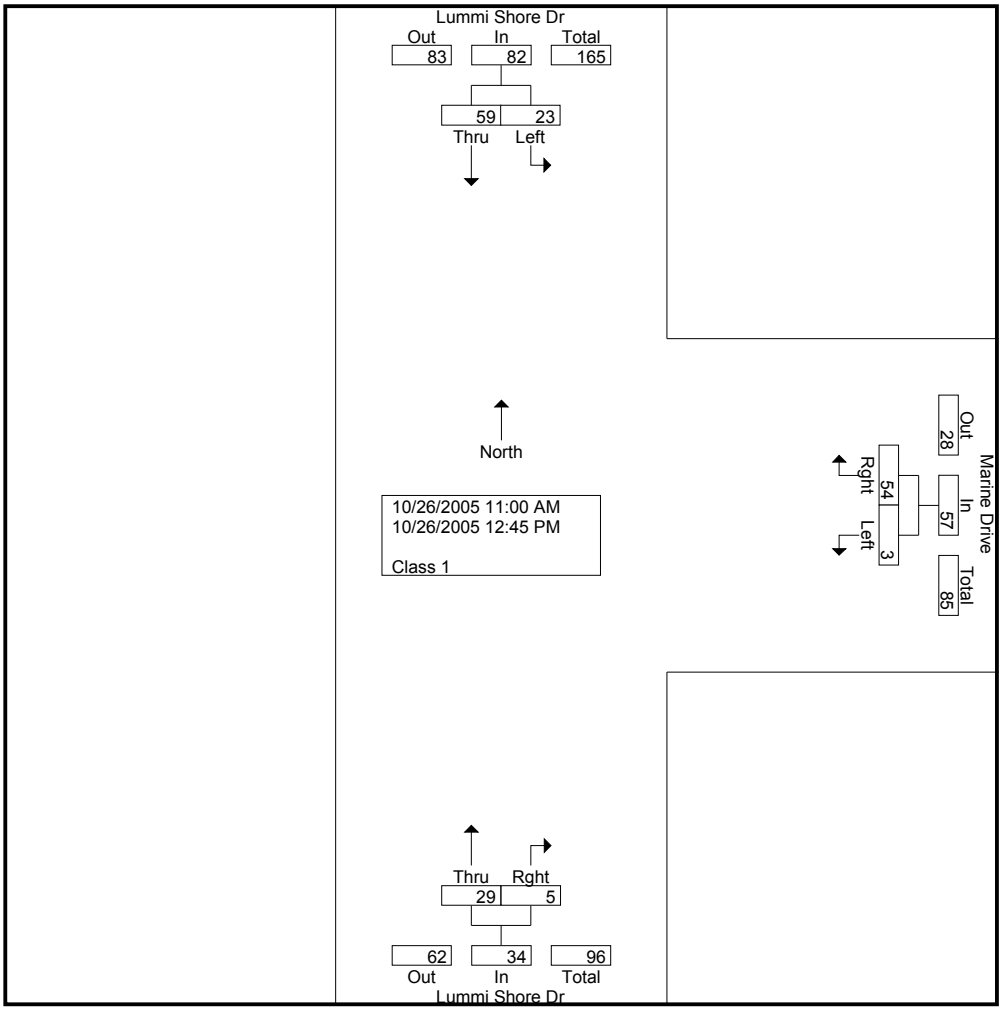
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Lummi Shore-Marine North Y Noon
Site Code : 00000000
Start Date : 10/26/2005
Page No : 1

Groups Printed- Class 1

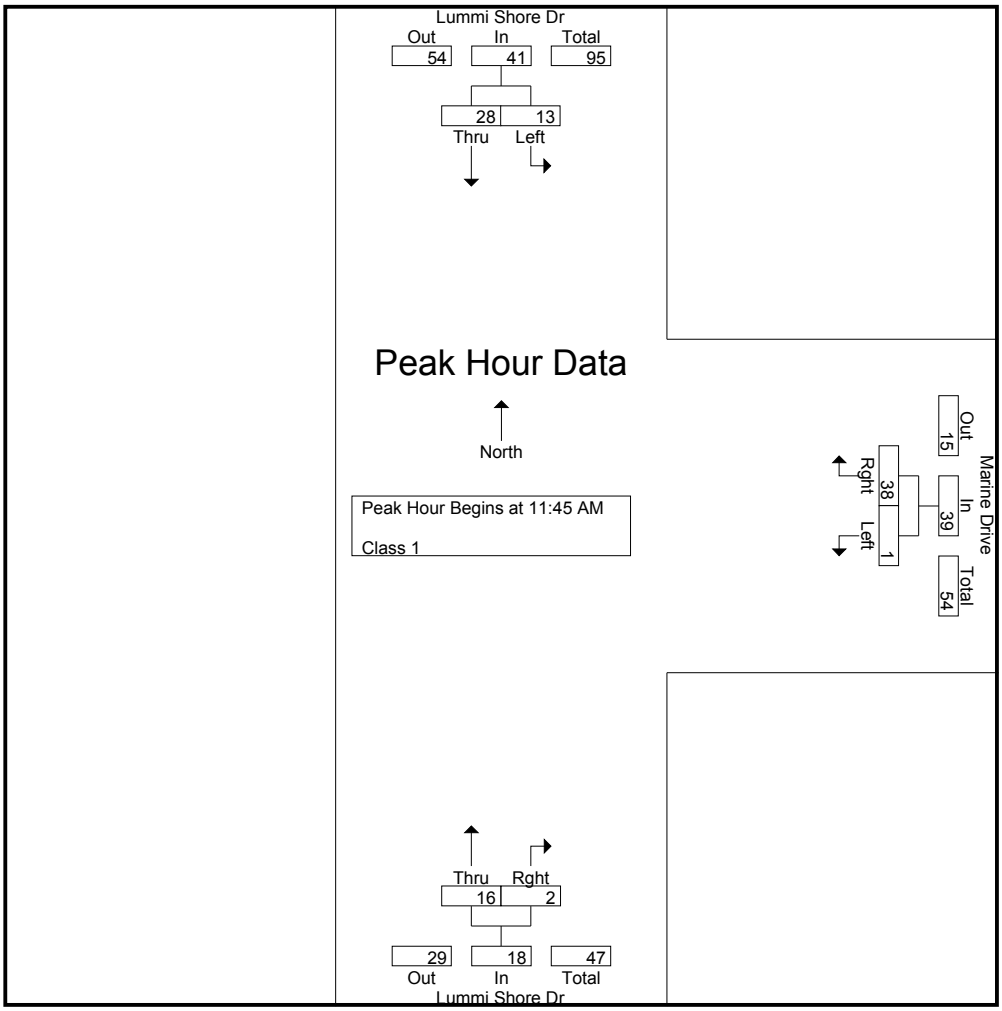
| | Lummi Shore Dr From North | | Marine Drive From East | | Lummi Shore Dr From South | | |
|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Rght | Left | Rght | Thru | Int. Total |
| 11:00 AM | 13 | 4 | 3 | 1 | 3 | 2 | 26 |
| 11:15 AM | 7 | 3 | 5 | 1 | 0 | 2 | 18 |
| 11:30 AM | 7 | 1 | 4 | 0 | 0 | 3 | 15 |
| 11:45 AM | 3 | 4 | 7 | 0 | 0 | 2 | 16 |
| Total | 30 | 12 | 19 | 2 | 3 | 9 | 75 |
| 12:00 PM | 7 | 3 | 16 | 0 | 1 | 4 | 31 |
| 12:15 PM | 5 | 4 | 9 | 1 | 1 | 8 | 28 |
| 12:30 PM | 13 | 2 | 6 | 0 | 0 | 2 | 23 |
| 12:45 PM | 4 | 2 | 4 | 0 | 0 | 6 | 16 |
| Total | 29 | 11 | 35 | 1 | 2 | 20 | 98 |
| Grand Total | 59 | 23 | 54 | 3 | 5 | 29 | 173 |
| Apprch % | 72 | 28 | 94.7 | 5.3 | 14.7 | 85.3 | |
| Total % | 34.1 | 13.3 | 31.2 | 1.7 | 2.9 | 16.8 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Lummi Shore-Marine North Y Noon
Site Code : 00000000
Start Date : 10/26/2005
Page No : 2

| | Lummi Shore Dr From North | | | Marine Drive From East | | | Lummi Shore Dr From South | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | App. Total | Rght | Left | App. Total | Rght | Thru | App. Total | Int. Total |
| Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 11:45 AM | | | | | | | | | | |
| 11:45 AM | 3 | **4** | 7 | 7 | 0 | 7 | 0 | 2 | 2 | 16 |
| 12:00 PM | 7 | 3 | 10 | **16** | 0 | **16** | **1** | 4 | 5 | **31** |
| 12:15 PM | 5 | 4 | 9 | 9 | **1** | 10 | 1 | **8** | **9** | 28 |
| 12:30 PM | **13** | 2 | **15** | 6 | 0 | 6 | 0 | 2 | 2 | 23 |
| Total Volume | 28 | 13 | 41 | 38 | 1 | 39 | 2 | 16 | 18 | 98 |
| % App. Total | 68.3 | 31.7 | | 97.4 | 2.6 | | 11.1 | 88.9 | | |
| PHF | .538 | .813 | .683 | .594 | .250 | .609 | .500 | .500 | .500 | .790 |



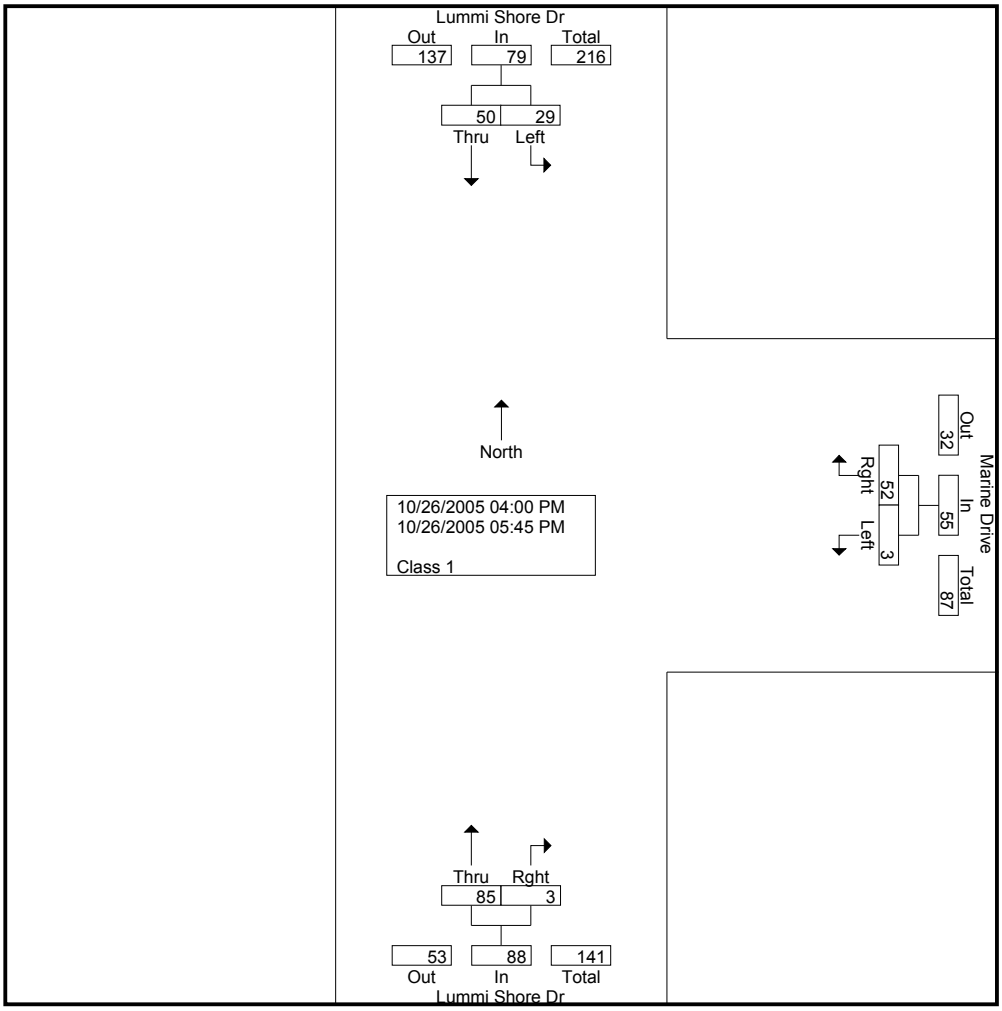
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : lummi shore-marine north y pm
Site Code : 00000000
Start Date : 10/26/2005
Page No : 1

Groups Printed- Class 1

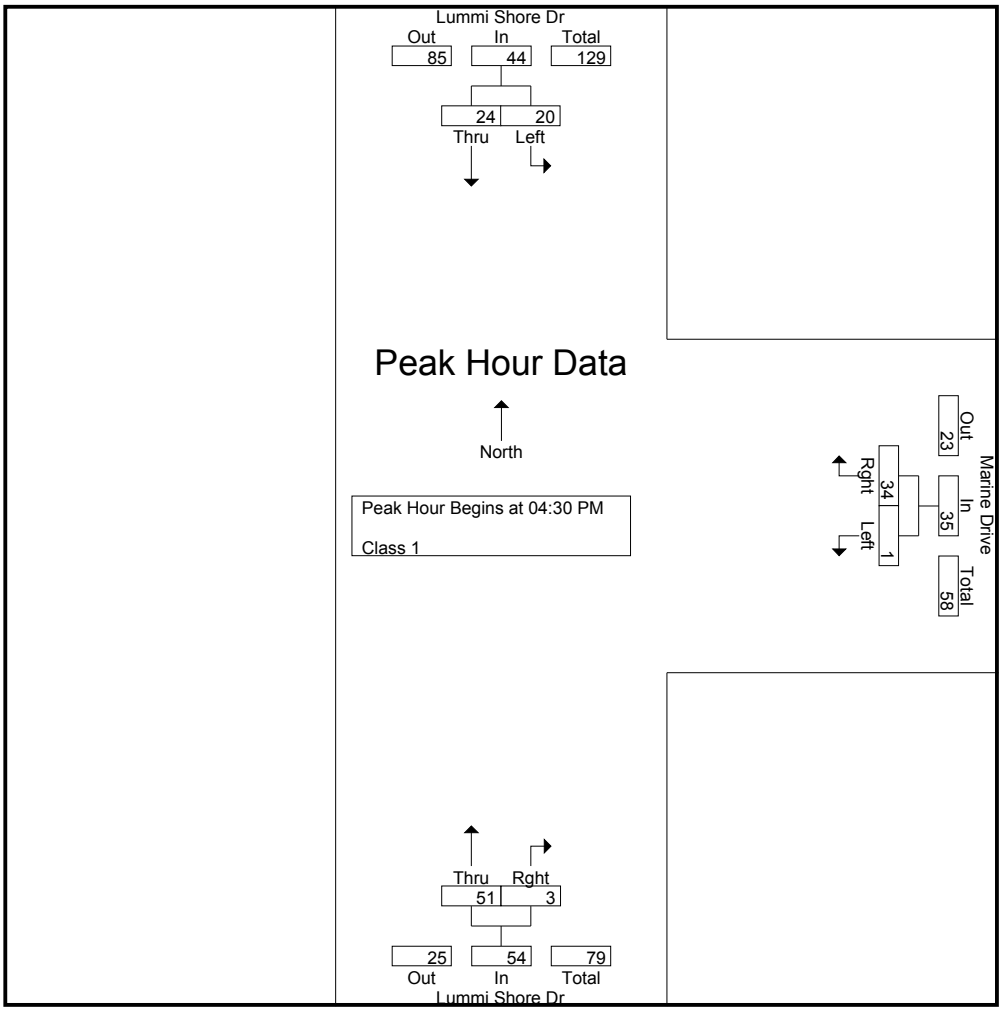
| | Lummi Shore Dr From North | | Marine Drive From East | | Lummi Shore Dr From South | | |
|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Rght | Left | Rght | Thru | Int. Total |
| 04:00 PM | 6 | 3 | 7 | 1 | 0 | 11 | 28 |
| 04:15 PM | 8 | 3 | 4 | 1 | 0 | 6 | 22 |
| 04:30 PM | 3 | 5 | 9 | 0 | 0 | 9 | 26 |
| 04:45 PM | 8 | 3 | 7 | 0 | 1 | 12 | 31 |
| Total | 25 | 14 | 27 | 2 | 1 | 38 | 107 |
| 05:00 PM | 7 | 8 | 7 | 0 | 1 | 16 | 39 |
| 05:15 PM | 6 | 4 | 11 | 1 | 1 | 14 | 37 |
| 05:30 PM | 8 | 3 | 4 | 0 | 0 | 9 | 24 |
| 05:45 PM | 4 | 0 | 3 | 0 | 0 | 8 | 15 |
| Total | 25 | 15 | 25 | 1 | 2 | 47 | 115 |
| Grand Total | 50 | 29 | 52 | 3 | 3 | 85 | 222 |
| Apprch % | 63.3 | 36.7 | 94.5 | 5.5 | 3.4 | 96.6 | |
| Total % | 22.5 | 13.1 | 23.4 | 1.4 | 1.4 | 38.3 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : lummi shore-marine north y pm
Site Code : 00000000
Start Date : 10/26/2005
Page No : 2

| | Lummi Shore Dr From North | | | Marine Drive From East | | | Lummi Shore Dr From South | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | App. Total | Rght | Left | App. Total | Rght | Thru | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:30 PM | | | | | | | | | | |
| 04:30 PM | 3 | 5 | 8 | 9 | 0 | 9 | 0 | 9 | 9 | 26 |
| 04:45 PM | **8** | 3 | 11 | 7 | 0 | 7 | **1** | 12 | 13 | 31 |
| 05:00 PM | 7 | **8** | **15** | 7 | 0 | 7 | 1 | **16** | **17** | **39** |
| 05:15 PM | 6 | 4 | 10 | **11** | **1** | **12** | 1 | 14 | 15 | 37 |
| Total Volume | 24 | 20 | 44 | 34 | 1 | 35 | 3 | 51 | 54 | 133 |
| % App. Total | 54.5 | 45.5 | | 97.1 | 2.9 | | 5.6 | 94.4 | | |
| PHF | .750 | .625 | .733 | .773 | .250 | .729 | .750 | .797 | .794 | .853 |



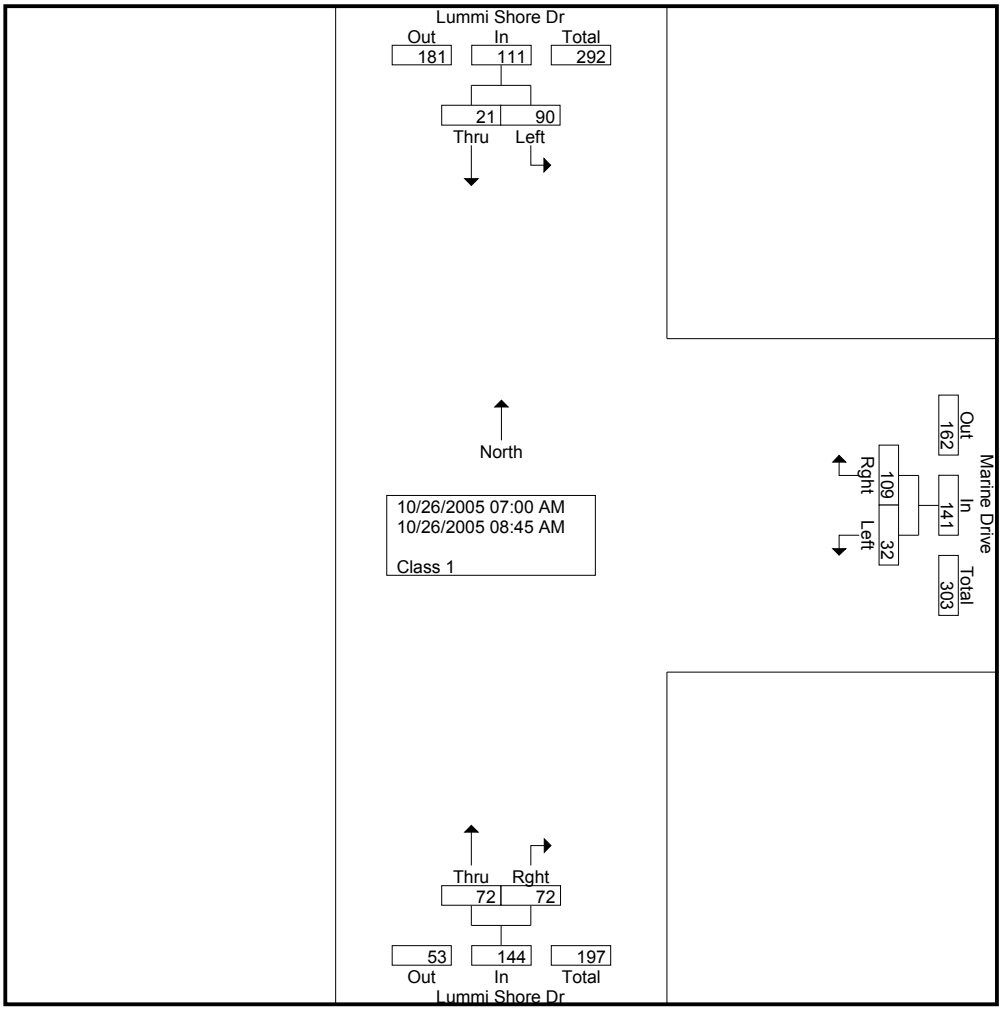
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Lummi Shore-Marine South Y AM
Site Code : 00000000
Start Date : 10/26/2005
Page No : 1

Groups Printed- Class 1

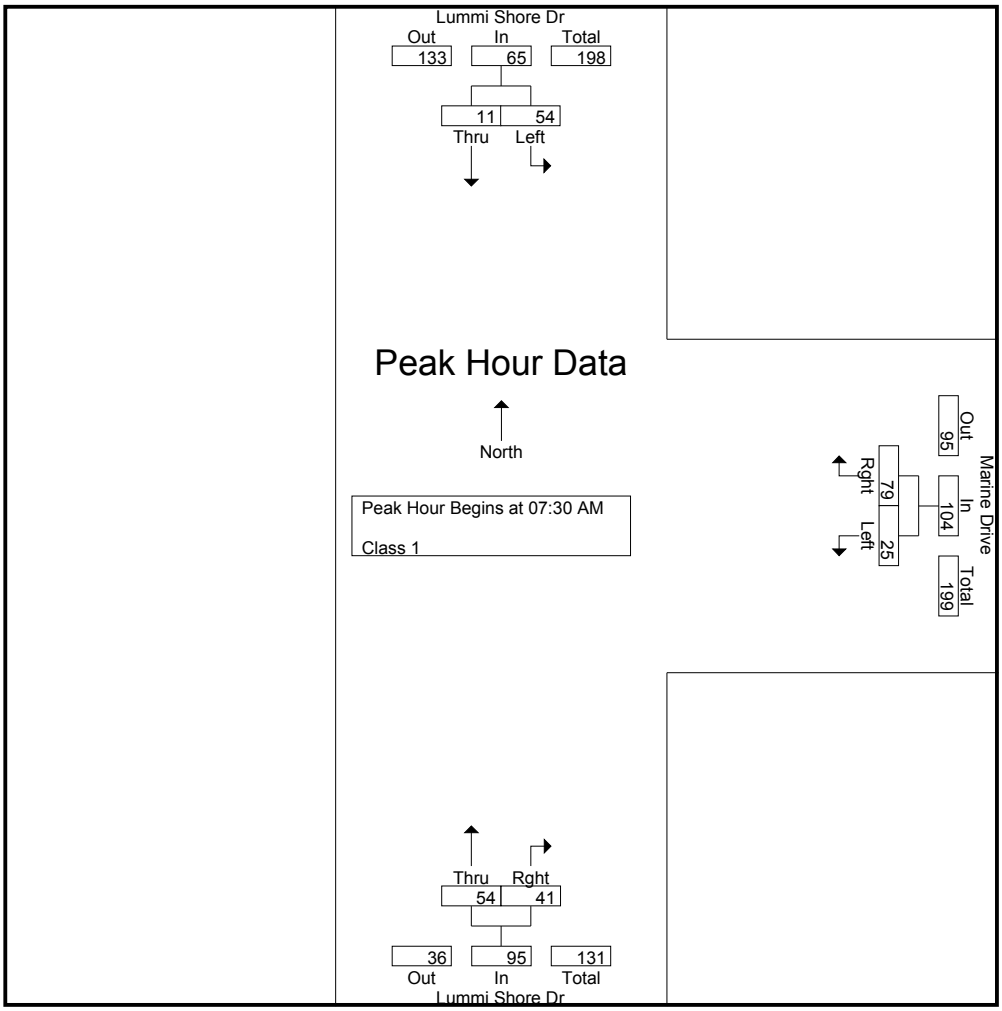
| | Lummi Shore Dr From North | | Marine Drive From East | | Lummi Shore Dr From South | | |
|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Rght | Left | Rght | Thru | Int. Total |
| 07:00 AM | 0 | 5 | 7 | 2 | 5 | 2 | 21 |
| 07:15 AM | 1 | 9 | 3 | 3 | 5 | 2 | 23 |
| 07:30 AM | 1 | 15 | 11 | 7 | 13 | 6 | 53 |
| 07:45 AM | 6 | 12 | 21 | 5 | 11 | 12 | 67 |
| Total | 8 | 41 | 42 | 17 | 34 | 22 | 164 |
| 08:00 AM | 3 | 10 | 27 | 5 | 10 | 25 | 80 |
| 08:15 AM | 1 | 17 | 20 | 8 | 7 | 11 | 64 |
| 08:30 AM | 5 | 14 | 12 | 1 | 10 | 7 | 49 |
| 08:45 AM | 4 | 8 | 8 | 1 | 11 | 7 | 39 |
| Total | 13 | 49 | 67 | 15 | 38 | 50 | 232 |
| Grand Total | 21 | 90 | 109 | 32 | 72 | 72 | 396 |
| Apprch % | 18.9 | 81.1 | 77.3 | 22.7 | 50 | 50 | |
| Total % | 5.3 | 22.7 | 27.5 | 8.1 | 18.2 | 18.2 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Lummi Shore-Marine South Y AM
Site Code : 00000000
Start Date : 10/26/2005
Page No : 2

| | Lummi Shore Dr From North | | | Marine Drive From East | | | Lummi Shore Dr From South | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | App. Total | Rght | Left | App. Total | Rght | Thru | App. Total | Int. Total |
| Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 AM | | | | | | | | | | |
| 07:30 AM | 1 | 15 | 16 | 11 | 7 | 18 | **13** | 6 | 19 | 53 |
| 07:45 AM | **6** | 12 | **18** | 21 | 5 | 26 | 11 | 12 | 23 | 67 |
| 08:00 AM | 3 | 10 | 13 | **27** | 5 | **32** | 10 | **25** | **35** | **80** |
| 08:15 AM | 1 | **17** | 18 | 20 | **8** | 28 | 7 | 11 | 18 | 64 |
| Total Volume | 11 | 54 | 65 | 79 | 25 | 104 | 41 | 54 | 95 | 264 |
| % App. Total | 16.9 | 83.1 | | 76 | 24 | | 43.2 | 56.8 | | |
| PHF | .458 | .794 | .903 | .731 | .781 | .813 | .788 | .540 | .679 | .825 |



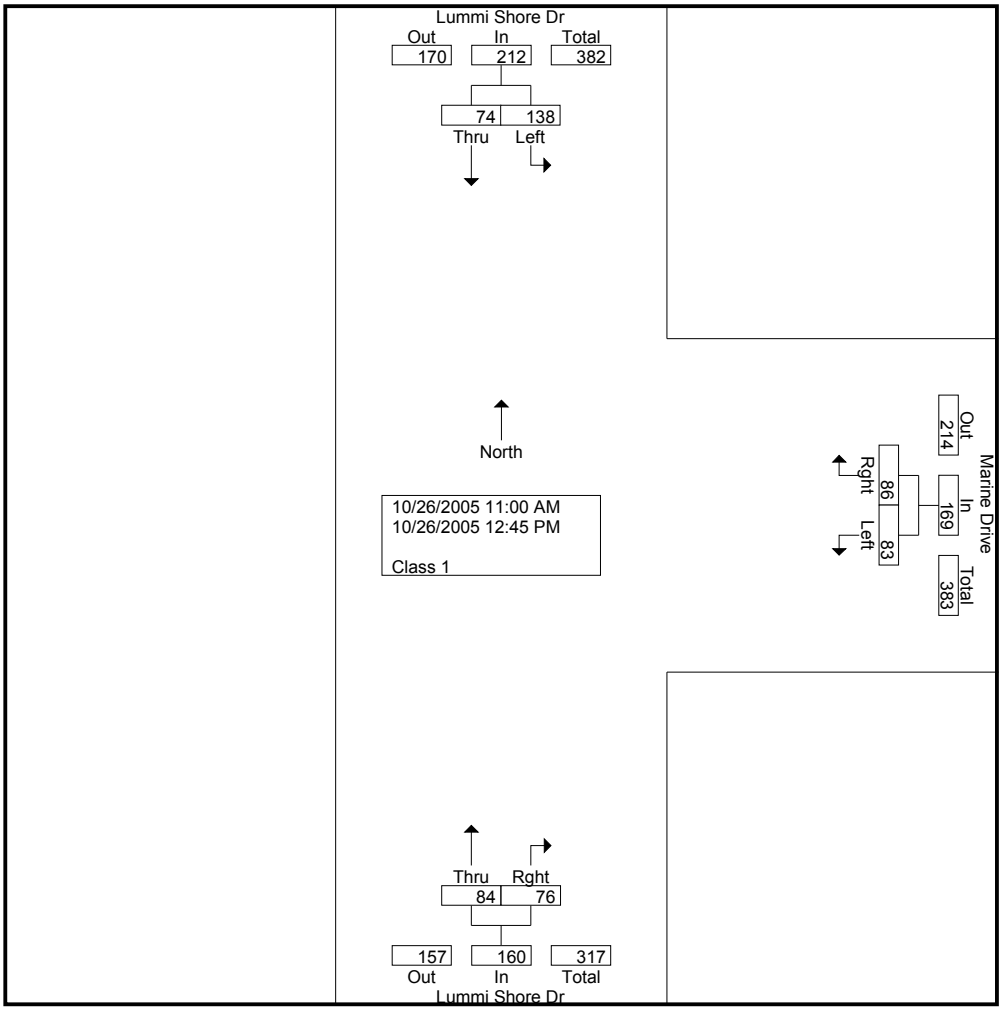
# RH2 Engineering

454 W Horton Road
Bellingham, WA 98226

File Name : Lummi Shore-Marine South Y Noon
Site Code : 00000000
Start Date : 10/26/2005
Page No : 1

Groups Printed- Class 1

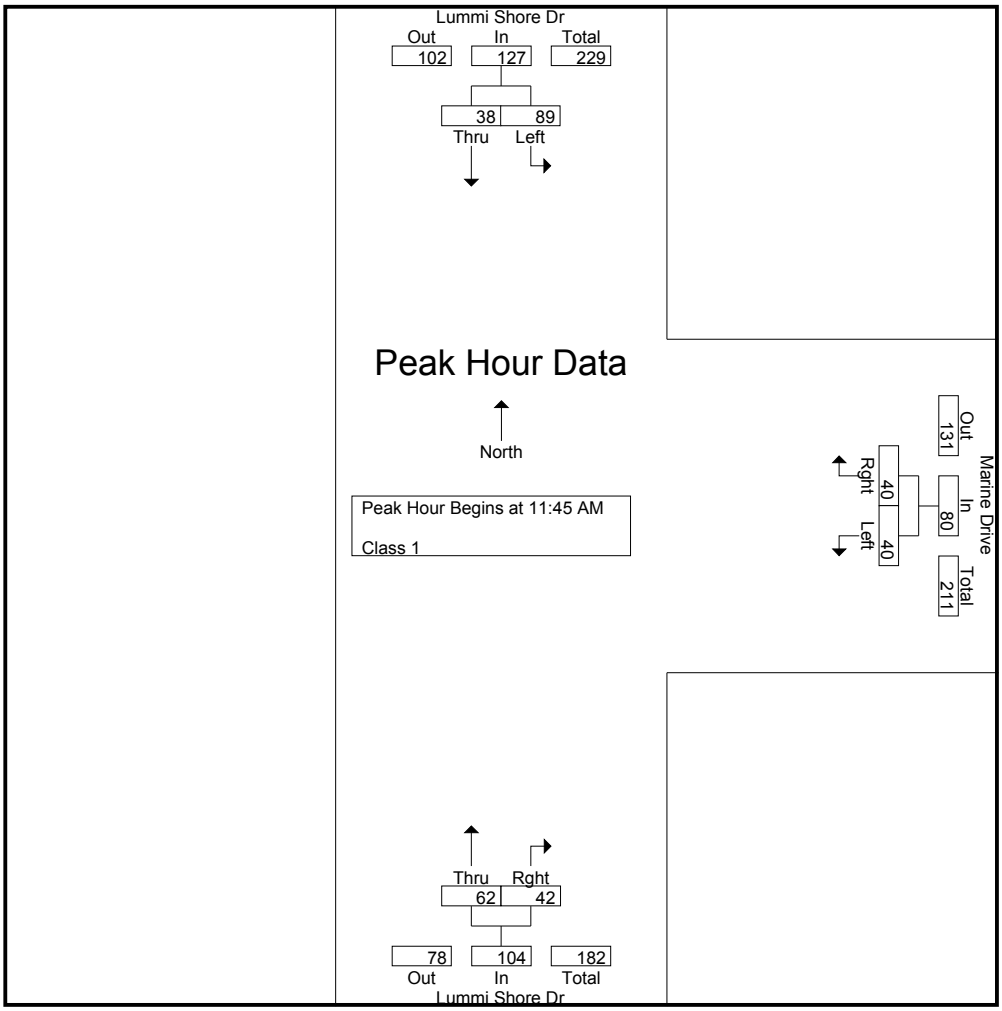
| | Lummi Shore Dr From North | | Marine Drive From East | | Lummi Shore Dr From South | | |
|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Rght | Left | Rght | Thru | Int. Total |
| 11:00 AM | 15 | 6 | 9 | 12 | 5 | 4 | 51 |
| 11:15 AM | 7 | 24 | 13 | 18 | 12 | 4 | 78 |
| 11:30 AM | 6 | 12 | 11 | 5 | 5 | 8 | 47 |
| 11:45 AM | 7 | 26 | 8 | 8 | 13 | 6 | 68 |
| Total | 35 | 68 | 41 | 43 | 35 | 22 | 244 |
| 12:00 PM | 10 | 28 | 6 | 11 | 9 | 16 | 80 |
| 12:15 PM | 12 | 20 | 10 | 10 | 10 | 29 | 91 |
| 12:30 PM | 9 | 15 | 16 | 11 | 10 | 11 | 72 |
| 12:45 PM | 8 | 7 | 13 | 8 | 12 | 6 | 54 |
| Total | 39 | 70 | 45 | 40 | 41 | 62 | 297 |
| Grand Total | 74 | 138 | 86 | 83 | 76 | 84 | 541 |
| Apprch % | 34.9 | 65.1 | 50.9 | 49.1 | 47.5 | 52.5 | |
| Total % | 13.7 | 25.5 | 15.9 | 15.3 | 14 | 15.5 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : Lummi Shore-Marine South Y Noon
Site Code : 00000000
Start Date : 10/26/2005
Page No : 2

| | Lummi Shore Dr From North | | | Marine Drive From East | | | Lummi Shore Dr From South | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | App. Total | Rght | Left | App. Total | Rght | Thru | App. Total | Int. Total |
| Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 11:45 AM | | | | | | | | | | |
| 11:45 AM | 7 | 26 | 33 | 8 | 8 | 16 | **13** | 6 | 19 | 68 |
| 12:00 PM | 10 | **28** | **38** | 6 | **11** | 17 | 9 | 16 | 25 | 80 |
| 12:15 PM | **12** | 20 | 32 | 10 | 10 | 20 | 10 | **29** | **39** | **91** |
| 12:30 PM | 9 | 15 | 24 | **16** | 11 | **27** | 10 | 11 | 21 | 72 |
| Total Volume | 38 | 89 | 127 | 40 | 40 | 80 | 42 | 62 | 104 | 311 |
| % App. Total | 29.9 | 70.1 | | 50 | 50 | | 40.4 | 59.6 | | |
| PHF | .792 | .795 | .836 | .625 | .909 | .741 | .808 | .534 | .667 | .854 |

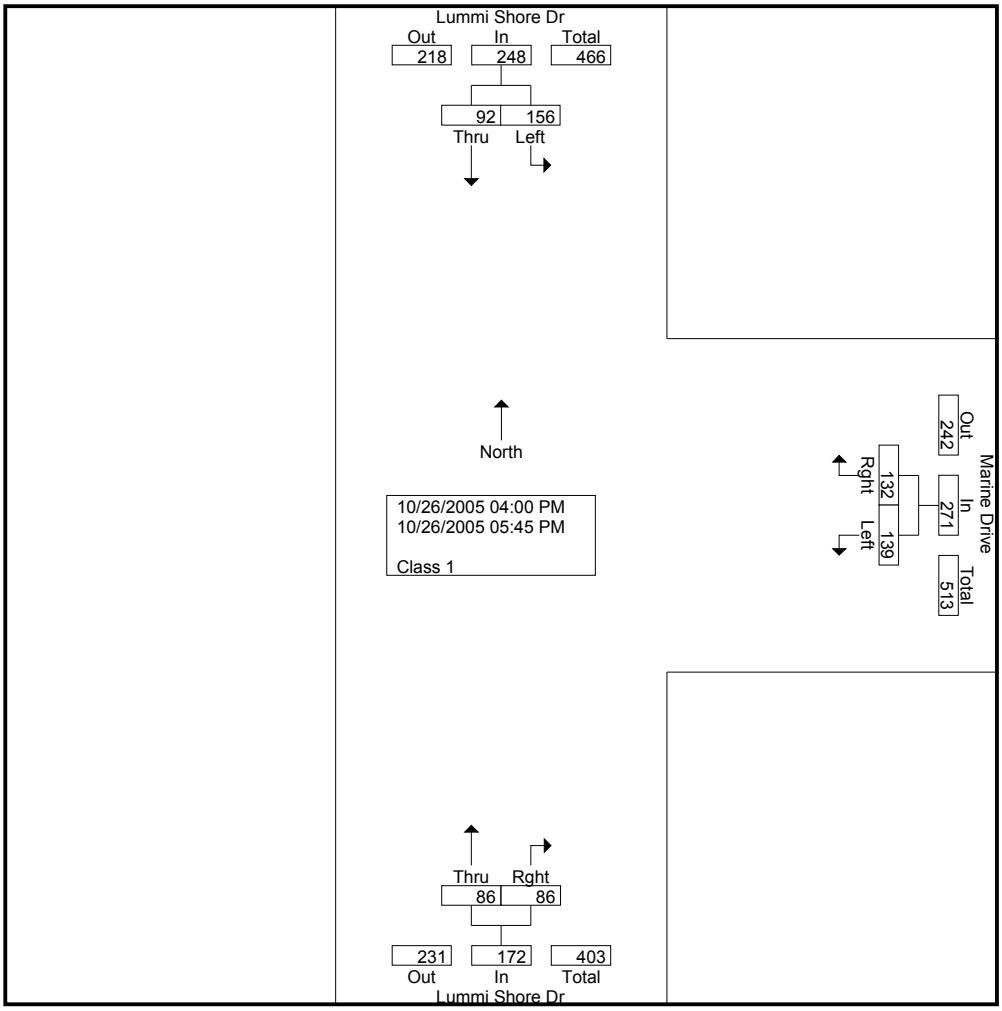


RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

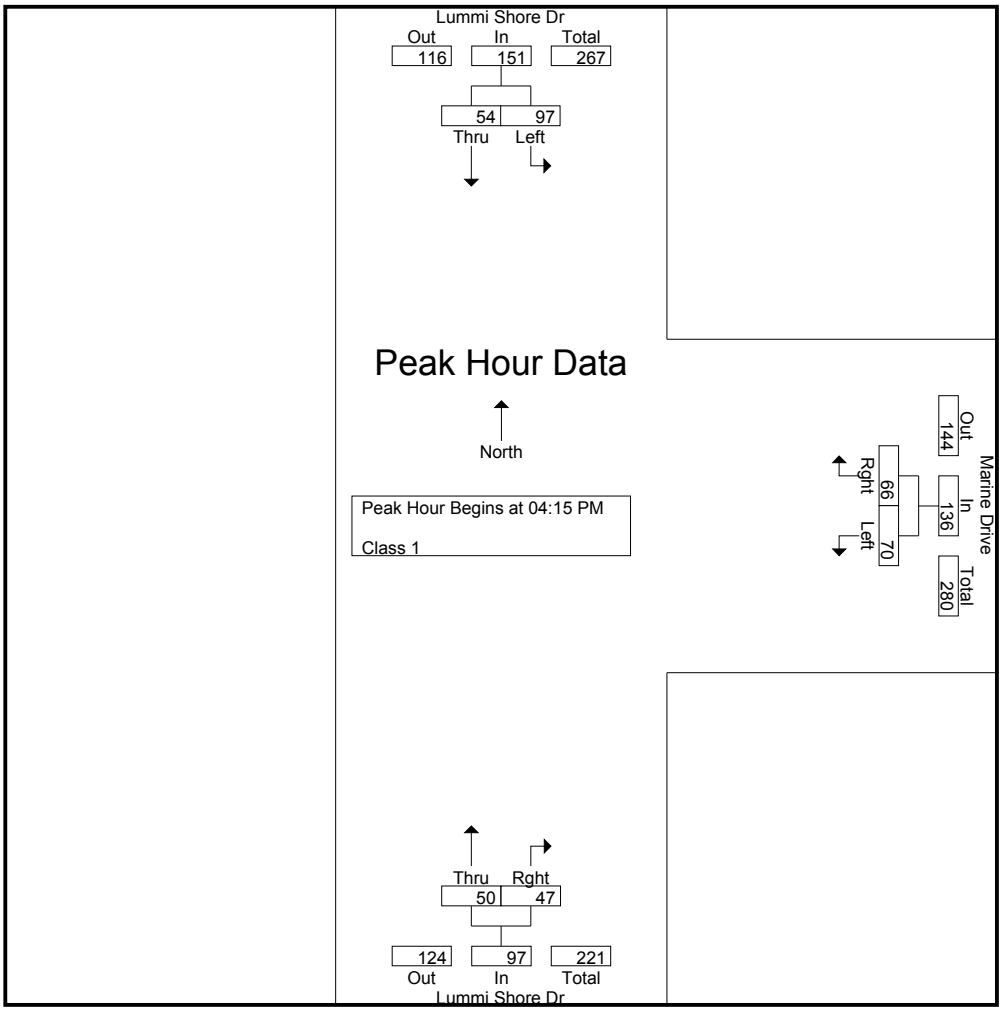
File Name : lummi shore-marine south y pm
Site Code : 00000000
Start Date : 10/26/2005
Page No : 1

Groups Printed- Class 1

| | Lummi Shore Dr From North | | Marine Drive From East | | Lummi Shore Dr From South | | |
|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | Rght | Left | Rght | Thru | Int. Total |
| 04:00 PM | 8 | 16 | 18 | 17 | 13 | 9 | 81 |
| 04:15 PM | 8 | 19 | 23 | 17 | 17 | 11 | 95 |
| 04:30 PM | 20 | 30 | 10 | 13 | 8 | 14 | 95 |
| 04:45 PM | 16 | 24 | 14 | 25 | 14 | 13 | 106 |
| Total | 52 | 89 | 65 | 72 | 52 | 47 | 377 |
| 05:00 PM | 10 | 24 | 19 | 15 | 8 | 12 | 88 |
| 05:15 PM | 11 | 17 | 23 | 16 | 7 | 13 | 87 |
| 05:30 PM | 11 | 17 | 15 | 13 | 11 | 6 | 73 |
| 05:45 PM | 8 | 9 | 10 | 23 | 8 | 8 | 66 |
| Total | 40 | 67 | 67 | 67 | 34 | 39 | 314 |
| Grand Total | 92 | 156 | 132 | 139 | 86 | 86 | 691 |
| Apprch % | 37.1 | 62.9 | 48.7 | 51.3 | 50 | 50 | |
| Total % | 13.3 | 22.6 | 19.1 | 20.1 | 12.4 | 12.4 | |



RH2 Engineering
454 W Horton Road
Bellingham, WA 98226

File Name : lummi shore-marine south y pm
Site Code : 00000000
Start Date : 10/26/2005
Page No : 2

| | Lummi Shore Dr From North | | | Marine Drive From East | | | Lummi Shore Dr From South | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Thru | Left | App. Total | Rght | Left | App. Total | Rght | Thru | App. Total | Int. Total |
| Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:15 PM | | | | | | | | | | |
| 04:15 PM | 8 | 19 | 27 | **23** | 17 | **40** | **17** | 11 | **28** | 95 |
| 04:30 PM | **20** | **30** | **50** | 10 | 13 | 23 | 8 | **14** | 22 | 95 |
| 04:45 PM | 16 | 24 | 40 | 14 | **25** | 39 | 14 | 13 | 27 | **106** |
| 05:00 PM | 10 | 24 | 34 | 19 | 15 | 34 | 8 | 12 | 20 | 88 |
| Total Volume | 54 | 97 | 151 | 66 | 70 | 136 | 47 | 50 | 97 | 384 |
| % App. Total | 35.8 | 64.2 | | 48.5 | 51.5 | | 48.5 | 51.5 | | |
| PHF | .675 | .808 | .755 | .717 | .700 | .850 | .691 | .893 | .866 | .906 |