

Cummins Consulting Services, PLLC

4661 Marlberry Place

Lexington, KY 40509

859.361.2589

"simplifying Data Collection since 2004"

File Name : Britton_Pkwy_at_Davidson_Road_226974_04-23-2015

Site Code : Hilliard Study

Start Date : 4/23/2015

Page No : 1

Sunny - Cool
Schools in Session

Groups Printed- Motorcycles - Cars - Light Goods Vehicles - Buses - Unit Trucks - Articulated Trucks

| Start Time | Britton Pkwy From North | | | | Davidson Road From East | | | | Britton Pkwy From South | | | | Davidson Road From West | | | | Int. Total |
|------------------------|-------------------------|------|-------|------------|-------------------------|------|-------|------------|-------------------------|------|-------|------------|-------------------------|------|-------|------------|------------|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | |
| 07:00 AM | 25 | 73 | 18 | 116 | 13 | 134 | 29 | 176 | 19 | 41 | 9 | 69 | 28 | 56 | 50 | 134 | 495 |
| 07:15 AM | 40 | 87 | 25 | 152 | 20 | 112 | 44 | 176 | 22 | 75 | 15 | 112 | 39 | 61 | 49 | 149 | 589 |
| 07:30 AM | 46 | 95 | 24 | 165 | 25 | 89 | 40 | 154 | 9 | 98 | 25 | 132 | 54 | 123 | 43 | 220 | 671 |
| 07:45 AM | 41 | 76 | 24 | 141 | 31 | 41 | 42 | 114 | 20 | 107 | 20 | 147 | 54 | 77 | 28 | 159 | 561 |
| Total | 152 | 331 | 91 | 574 | 89 | 376 | 155 | 620 | 70 | 321 | 69 | 460 | 175 | 317 | 170 | 662 | 2316 |
| 08:00 AM | 44 | 69 | 12 | 125 | 15 | 50 | 40 | 105 | 7 | 84 | 21 | 112 | 42 | 69 | 32 | 143 | 485 |
| 08:15 AM | 30 | 64 | 9 | 103 | 9 | 66 | 51 | 126 | 7 | 115 | 22 | 144 | 42 | 64 | 34 | 140 | 513 |
| 08:30 AM | 56 | 79 | 24 | 159 | 16 | 51 | 81 | 148 | 10 | 86 | 16 | 112 | 66 | 46 | 29 | 141 | 560 |
| 08:45 AM | 61 | 69 | 18 | 148 | 14 | 47 | 51 | 112 | 6 | 109 | 22 | 137 | 42 | 51 | 24 | 117 | 514 |
| Total | 191 | 281 | 63 | 535 | 54 | 214 | 223 | 491 | 30 | 394 | 81 | 505 | 192 | 230 | 119 | 541 | 2072 |
| 04:00 PM | 36 | 73 | 35 | 144 | 18 | 88 | 37 | 143 | 22 | 38 | 23 | 83 | 27 | 60 | 12 | 99 | 469 |
| 04:15 PM | 55 | 65 | 31 | 151 | 14 | 93 | 41 | 148 | 16 | 42 | 13 | 71 | 21 | 56 | 18 | 95 | 465 |
| 04:30 PM | 48 | 99 | 42 | 189 | 11 | 102 | 42 | 155 | 23 | 64 | 28 | 115 | 21 | 64 | 11 | 96 | 555 |
| 04:45 PM | 63 | 100 | 62 | 225 | 24 | 114 | 33 | 171 | 20 | 62 | 24 | 106 | 21 | 84 | 19 | 124 | 626 |
| Total | 202 | 337 | 170 | 709 | 67 | 397 | 153 | 617 | 81 | 206 | 88 | 375 | 90 | 264 | 60 | 414 | 2115 |
| 05:00 PM | 67 | 138 | 60 | 265 | 26 | 139 | 53 | 218 | 42 | 57 | 36 | 135 | 26 | 104 | 17 | 147 | 765 |
| 05:15 PM | 87 | 129 | 60 | 276 | 22 | 159 | 56 | 237 | 35 | 75 | 33 | 143 | 32 | 90 | 21 | 143 | 799 |
| 05:30 PM | 74 | 124 | 69 | 267 | 29 | 142 | 42 | 213 | 34 | 75 | 28 | 137 | 28 | 72 | 24 | 124 | 741 |
| 05:45 PM | 55 | 91 | 47 | 193 | 18 | 122 | 39 | 179 | 30 | 68 | 20 | 118 | 30 | 60 | 20 | 110 | 600 |
| Total | 283 | 482 | 236 | 1001 | 95 | 562 | 190 | 847 | 141 | 275 | 117 | 533 | 116 | 326 | 82 | 524 | 2905 |
| Grand Total | 828 | 1431 | 560 | 2819 | 305 | 1549 | 721 | 2575 | 322 | 1196 | 355 | 1873 | 573 | 1137 | 431 | 2141 | 9408 |
| Aprchr % | 29.4 | 50.8 | 19.9 | | 11.8 | 60.2 | 28 | | 17.2 | 63.9 | 19 | | 26.8 | 53.1 | 20.1 | | |
| Total % | 8.8 | 15.2 | 6 | 30 | 3.2 | 16.5 | 7.7 | 27.4 | 3.4 | 12.7 | 3.8 | 19.9 | 6.1 | 12.1 | 4.6 | 22.8 | |
| Motorcycles | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| % Motorcycles | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cars | 726 | 1349 | 524 | 2599 | 252 | 1418 | 663 | 2333 | 278 | 1111 | 311 | 1700 | 537 | 1058 | 396 | 1991 | 8623 |
| % Cars | 87.7 | 94.3 | 93.6 | 92.2 | 82.6 | 91.5 | 92 | 90.6 | 86.3 | 92.9 | 87.6 | 90.8 | 93.7 | 93.1 | 91.9 | 93 | 91.7 |
| Light Goods Vehicles | 75 | 71 | 30 | 176 | 43 | 90 | 32 | 165 | 35 | 56 | 38 | 129 | 20 | 61 | 27 | 108 | 578 |
| % Light Goods Vehicles | 9.1 | 5 | 5.4 | 6.2 | 14.1 | 5.8 | 4.4 | 6.4 | 10.9 | 4.7 | 10.7 | 6.9 | 3.5 | 5.4 | 6.3 | 5 | 6.1 |
| Buses | 14 | 2 | 6 | 22 | 8 | 36 | 16 | 60 | 3 | 7 | 3 | 13 | 13 | 16 | 3 | 32 | 127 |
| % Buses | 1.7 | 0.1 | 1.1 | 0.8 | 2.6 | 2.3 | 2.2 | 2.3 | 0.9 | 0.6 | 0.8 | 0.7 | 2.3 | 1.4 | 0.7 | 1.5 | 1.3 |
| Single-Unit Trucks | 12 | 8 | 0 | 20 | 1 | 5 | 10 | 16 | 3 | 20 | 3 | 26 | 2 | 2 | 3 | 7 | 69 |
| % Single-Unit Trucks | 1.4 | 0.6 | 0 | 0.7 | 0.3 | 0.3 | 1.4 | 0.6 | 0.9 | 1.7 | 0.8 | 1.4 | 0.3 | 0.2 | 0.7 | 0.3 | 0.7 |
| Articulated Trucks | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 3 | 2 | 0 | 5 | 1 | 0 | 2 | 3 | 10 |
| % Articulated Trucks | 0.1 | 0 | 0 | 0 | 0.3 | 0 | 0 | 0 | 0.9 | 0.2 | 0 | 0.3 | 0.2 | 0 | 0.5 | 0.1 | 0.1 |

Cummins Consulting Services, PLLC

4661 Marlberry Place

Lexington, KY 40509

859.361.2589

"simplifying Data Collection since 2004"

File Name : Britton_Pkwy_at_Davidson_Road_226974_04-23-2015

Site Code : Hilliard Study

Start Date : 4/23/2015

Page No : 2

| Start Time | Britton Pkwy From North | | | | Davidson Road From East | | | | Britton Pkwy From South | | | | Davidson Road From West | | | | Int. Total |
|--|----------------------------|-----------|-----------|------------|----------------------------|------------|-----------|------------|----------------------------|------------|-----------|------------|----------------------------|------------|-----------|------------|------------|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | |
| Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:00 AM | | | | | | | | | | | | | | | | | |
| 07:00 AM | 25 | 73 | 18 | 116 | 13 | 134 | 29 | 176 | 19 | 41 | 9 | 69 | 28 | 56 | 50 | 134 | 495 |
| 07:15 AM | 40 | 87 | 25 | 152 | 20 | 112 | 44 | 176 | 22 | 75 | 15 | 112 | 39 | 61 | 49 | 149 | 589 |
| 07:30 AM | 46 | 95 | 24 | 165 | 25 | 89 | 40 | 154 | 9 | 98 | 25 | 132 | 54 | 123 | 43 | 220 | 671 |
| 07:45 AM | 41 | 76 | 24 | 141 | 31 | 41 | 42 | 114 | 20 | 107 | 20 | 147 | 54 | 77 | 28 | 159 | 561 |
| Total Volume | 152 | 331 | 91 | 574 | 89 | 376 | 155 | 620 | 70 | 321 | 69 | 460 | 175 | 317 | 170 | 662 | 2316 |
| % App. Total | 26.5 | 57.7 | 15.9 | | 14.4 | 60.6 | 25 | | 15.2 | 69.8 | 15 | | 26.4 | 47.9 | 25.7 | | |
| PHF | .826 | .871 | .910 | .870 | .718 | .701 | .881 | .881 | .795 | .750 | .690 | .782 | .810 | .644 | .850 | .752 | .863 |

| | | | | | | | | | | | | | | | | | |
|--|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-----------|-----------|------------|-----------|------------|-----------|------------|------------|
| Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:45 PM | | | | | | | | | | | | | | | | | |
| 04:45 PM | 63 | 100 | 62 | 225 | 24 | 114 | 33 | 171 | 20 | 62 | 24 | 106 | 21 | 84 | 19 | 124 | 626 |
| 05:00 PM | 67 | 138 | 60 | 265 | 26 | 139 | 53 | 218 | 42 | 57 | 36 | 135 | 26 | 104 | 17 | 147 | 765 |
| 05:15 PM | 87 | 129 | 60 | 276 | 22 | 159 | 56 | 237 | 35 | 75 | 33 | 143 | 32 | 90 | 21 | 143 | 799 |
| 05:30 PM | 74 | 124 | 69 | 267 | 29 | 142 | 42 | 213 | 34 | 75 | 28 | 137 | 28 | 72 | 24 | 124 | 741 |
| Total Volume | 291 | 491 | 251 | 1033 | 101 | 554 | 184 | 839 | 131 | 269 | 121 | 521 | 107 | 350 | 81 | 538 | 2931 |
| % App. Total | 28.2 | 47.5 | 24.3 | | 12 | 66 | 21.9 | | 25.1 | 51.6 | 23.2 | | 19.9 | 65.1 | 15.1 | | |
| PHF | .836 | .889 | .909 | .936 | .871 | .871 | .821 | .885 | .780 | .897 | .840 | .911 | .836 | .841 | .844 | .915 | .917 |