



Spack Solutions

43 Main Street SE, Suite 136
Minneapolis, MN 55414

TH-7 at Kings Dr-Loretta La
City: Minnetonka
Data By: Spack Solutions
TURN MOVEMENT COUNT

File Name : 02_TH-7-at-Kings-Dr-and-Loretta-La
Site Code : 00000000
Start Date : 2/23/2021
Page No : 1

Groups Printed- Vehicles - Trucks

| Start Time | Kings Dr Southbound | | | | TH-7 Westbound | | | | Loretta La Northbound | | | | TH-7 Eastbound | | | | Int. Total |
|------------|---------------------|------|------|------|----------------|------|------|------|-----------------------|------|------|------|----------------|------|------|------|------------|
| | Right | Thru | Left | Peds | Right | Thru | Left | Peds | Right | Thru | Left | Peds | Right | Thru | Left | Peds | |
| 06:00 AM | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 178 | 0 | 0 | 263 |
| 06:15 AM | 0 | 0 | 0 | 0 | 0 | 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 202 | 0 | 0 | 323 |
| 06:30 AM | 1 | 0 | 0 | 0 | 0 | 188 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 270 | 0 | 0 | 459 |
| 06:45 AM | 1 | 0 | 0 | 0 | 1 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 259 | 0 | 0 | 511 |
| Total | 2 | 0 | 0 | 0 | 1 | 644 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 909 | 0 | 0 | 1556 |
| 07:00 AM | 2 | 0 | 0 | 0 | 2 | 221 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 321 | 0 | 0 | 546 |
| 07:15 AM | 0 | 0 | 0 | 0 | 1 | 298 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 394 | 0 | 0 | 693 |
| 07:30 AM | 1 | 0 | 0 | 0 | 0 | 364 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 481 | 0 | 0 | 846 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 393 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 512 | 0 | 0 | 905 |
| Total | 3 | 0 | 0 | 0 | 3 | 1276 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1708 | 0 | 0 | 2990 |
| 08:00 AM | 1 | 0 | 0 | 0 | 4 | 366 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 416 | 0 | 0 | 787 |
| 08:15 AM | 0 | 0 | 0 | 0 | 1 | 315 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 452 | 0 | 0 | 769 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 297 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 432 | 0 | 0 | 730 |
| 08:45 AM | 3 | 0 | 0 | 0 | 1 | 313 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 425 | 0 | 0 | 742 |
| Total | 4 | 0 | 0 | 0 | 6 | 1291 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1725 | 0 | 0 | 3028 |
| 09:00 AM | 1 | 0 | 0 | 0 | 4 | 304 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 318 | 0 | 0 | 628 |
| 09:15 AM | 0 | 0 | 0 | 0 | 2 | 256 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 342 | 0 | 0 | 600 |
| 09:30 AM | 0 | 0 | 0 | 0 | 0 | 316 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 323 | 0 | 0 | 640 |
| 09:45 AM | 0 | 0 | 0 | 0 | 0 | 318 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 366 | 0 | 0 | 684 |
| Total | 1 | 0 | 0 | 0 | 6 | 1194 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1349 | 0 | 0 | 2552 |
| 10:00 AM | 0 | 0 | 0 | 0 | 1 | 273 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 288 | 0 | 0 | 563 |
| 10:15 AM | 0 | 0 | 0 | 0 | 3 | 246 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 301 | 0 | 0 | 550 |
| 10:30 AM | 0 | 0 | 0 | 0 | 0 | 259 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 288 | 0 | 0 | 548 |
| 10:45 AM | 1 | 0 | 0 | 0 | 2 | 293 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 313 | 0 | 0 | 611 |
| Total | 1 | 0 | 0 | 0 | 6 | 1071 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 1190 | 0 | 0 | 2272 |
| 11:00 AM | 1 | 0 | 0 | 0 | 1 | 280 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 302 | 0 | 0 | 585 |
| 11:15 AM | 1 | 0 | 0 | 0 | 1 | 282 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 314 | 0 | 0 | 598 |
| 11:30 AM | 1 | 0 | 0 | 0 | 4 | 272 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 335 | 0 | 0 | 612 |
| 11:45 AM | 2 | 0 | 0 | 0 | 1 | 335 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 327 | 0 | 0 | 666 |
| Total | 5 | 0 | 0 | 0 | 7 | 1169 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1278 | 0 | 0 | 2461 |
| 12:00 PM | 0 | 0 | 0 | 0 | 1 | 278 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 325 | 0 | 0 | 604 |
| 12:15 PM | 1 | 0 | 0 | 0 | 2 | 302 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 353 | 0 | 0 | 658 |
| 12:30 PM | 1 | 0 | 0 | 0 | 2 | 313 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 338 | 0 | 0 | 656 |
| 12:45 PM | 0 | 0 | 0 | 0 | 1 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 361 | 0 | 0 | 704 |
| Total | 2 | 0 | 0 | 0 | 6 | 1235 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1377 | 0 | 0 | 2622 |
| 01:00 PM | 0 | 0 | 0 | 0 | 0 | 288 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 306 | 0 | 0 | 594 |
| 01:15 PM | 1 | 0 | 0 | 0 | 2 | 303 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 338 | 0 | 0 | 646 |
| 01:30 PM | 0 | 0 | 0 | 0 | 3 | 317 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 306 | 0 | 0 | 627 |
| 01:45 PM | 0 | 0 | 0 | 0 | 2 | 318 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 339 | 0 | 0 | 659 |
| Total | 1 | 0 | 0 | 0 | 7 | 1226 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1289 | 0 | 0 | 2526 |
| 02:00 PM | 0 | 0 | 0 | 0 | 0 | 319 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 306 | 0 | 0 | 626 |
| 02:15 PM | 0 | 0 | 0 | 0 | 1 | 386 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 340 | 0 | 0 | 731 |



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Site Code : 00000000
Start Date : 2/23/2021
Page No : 2

Groups Printed- Vehicles - Trucks

| Start Time | Kings Dr Southbound | | | | TH-7 Westbound | | | | Loretta La Northbound | | | | TH-7 Eastbound | | | | Int. Total |
|-------------|---------------------|------|------|------|----------------|-------|------|------|-----------------------|------|------|------|----------------|-------|------|------|------------|
| | Right | Thru | Left | Peds | Right | Thru | Left | Peds | Right | Thru | Left | Peds | Right | Thru | Left | Peds | |
| 02:30 PM | 0 | 0 | 0 | 0 | 1 | 376 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 340 | 0 | 0 | 717 |
| 02:45 PM | 0 | 0 | 0 | 0 | 2 | 419 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 411 | 0 | 0 | 833 |
| Total | 0 | 0 | 0 | 0 | 4 | 1500 | 0 | 0 | 4 | 0 | 0 | 0 | 2 | 1397 | 0 | 0 | 2907 |
| 03:00 PM | 0 | 0 | 0 | 0 | 1 | 416 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 427 | 0 | 0 | 844 |
| 03:15 PM | 0 | 0 | 0 | 0 | 3 | 453 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 438 | 0 | 0 | 897 |
| 03:30 PM | 0 | 0 | 0 | 0 | 2 | 452 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 373 | 0 | 0 | 828 |
| 03:45 PM | 0 | 0 | 0 | 0 | 6 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 490 | 0 | 0 | 997 |
| Total | 0 | 0 | 0 | 0 | 12 | 1821 | 0 | 0 | 3 | 0 | 0 | 0 | 2 | 1728 | 0 | 0 | 3566 |
| 04:00 PM | 1 | 0 | 0 | 0 | 2 | 449 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 454 | 0 | 0 | 907 |
| 04:15 PM | 0 | 0 | 0 | 0 | 3 | 439 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 457 | 0 | 0 | 900 |
| 04:30 PM | 1 | 0 | 0 | 0 | 4 | 457 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 456 | 0 | 0 | 920 |
| 04:45 PM | 0 | 0 | 0 | 0 | 3 | 508 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 0 | 0 | 959 |
| Total | 2 | 0 | 0 | 0 | 12 | 1853 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 1815 | 0 | 0 | 3686 |
| 05:00 PM | 0 | 0 | 0 | 0 | 1 | 468 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 407 | 0 | 0 | 876 |
| 05:15 PM | 1 | 0 | 0 | 0 | 5 | 498 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 482 | 0 | 0 | 986 |
| 05:30 PM | 0 | 0 | 0 | 0 | 3 | 450 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 417 | 0 | 0 | 872 |
| 05:45 PM | 0 | 0 | 0 | 0 | 4 | 415 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 320 | 0 | 0 | 740 |
| Total | 1 | 0 | 0 | 0 | 13 | 1831 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 1626 | 0 | 0 | 3474 |
| Grand Total | 22 | 0 | 0 | 0 | 83 | 16111 | 0 | 0 | 16 | 0 | 0 | 0 | 17 | 17391 | 0 | 0 | 33640 |
| Apprch % | 100 | 0 | 0 | 0 | 0.5 | 99.5 | 0 | 0 | 100 | 0 | 0 | 0 | 0.1 | 99.9 | 0 | 0 | |
| Total % | 0.1 | 0 | 0 | 0 | 0.2 | 47.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 51.7 | 0 | 0 | |
| Vehicles | 21 | 0 | 0 | 0 | 79 | 15686 | 0 | 0 | 16 | 0 | 0 | 0 | 17 | 16947 | 0 | 0 | 32766 |
| % Vehicles | 95.5 | 0 | 0 | 0 | 95.2 | 97.4 | 0 | 0 | 100 | 0 | 0 | 0 | 100 | 97.4 | 0 | 0 | 97.4 |
| Trucks | 1 | 0 | 0 | 0 | 4 | 425 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 444 | 0 | 0 | 874 |
| % Trucks | 4.5 | 0 | 0 | 0 | 4.8 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.6 | 0 | 0 | 2.6 |



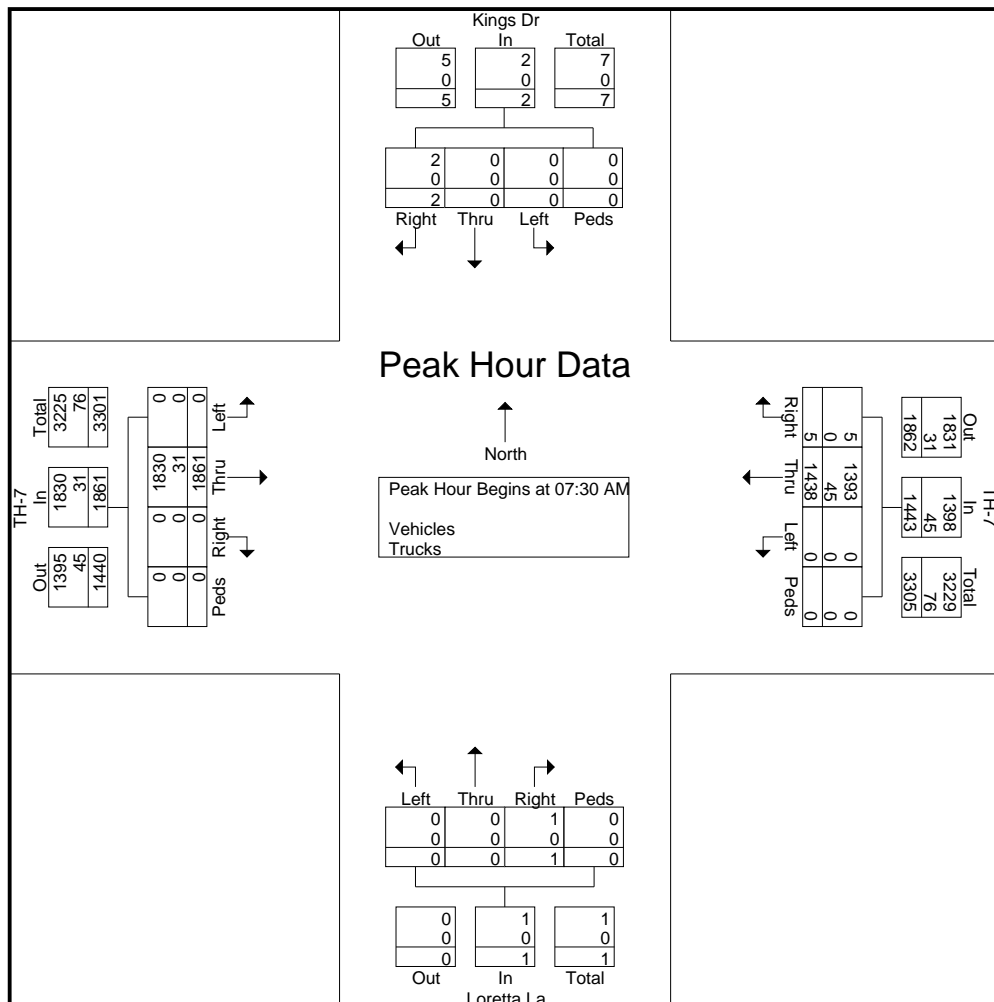
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File Name : 02_TH-7-at-Kings-Dr-and-Loretta-La
Site Code : 00000000
Start Date : 2/23/2021
Page No : 3

| Start Time | Kings Dr Southbound | | | | | TH-7 Westbound | | | | | Loretta La Northbound | | | | | TH-7 Eastbound | | | | | Int. Total |
|--|---------------------|------|------|------|------------|----------------|------|------|------|------------|-----------------------|------|------|------|------------|----------------|------|------|------|------------|------------|
| | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | |
| Peak Hour Analysis From 06:00 AM to 12:00 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 AM | | | | | | | | | | | | | | | | | | | | | |
| 07:30 AM | 1 | 0 | 0 | 0 | 1 | 0 | 364 | 0 | 0 | 364 | 0 | 0 | 0 | 0 | 0 | 0 | 481 | 0 | 0 | 481 | 846 |
| 07:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 393 | 0 | 0 | 393 | 0 | 0 | 0 | 0 | 0 | 0 | 512 | 0 | 0 | 512 | 905 |
| 08:00 AM | 1 | 0 | 0 | 0 | 1 | 4 | 366 | 0 | 0 | 370 | 0 | 0 | 0 | 0 | 0 | 0 | 416 | 0 | 0 | 416 | 787 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 1 | 315 | 0 | 0 | 316 | 1 | 0 | 0 | 0 | 1 | 0 | 452 | 0 | 0 | 452 | 769 |
| Total Volume | 2 | 0 | 0 | 0 | 2 | 5 | 1438 | 0 | 0 | 1443 | 1 | 0 | 0 | 0 | 1 | 0 | 1861 | 0 | 0 | 1861 | 3307 |
| % App. Total | 100 | 0 | 0 | 0 | 100 | 0.3 | 99.7 | 0 | 0 | 99.7 | 100 | 0 | 0 | 0 | 100 | 0 | 100 | 0 | 0 | 100 | |
| PHF | .500 | .000 | .000 | .000 | .500 | .313 | .915 | .000 | .000 | .918 | .250 | .000 | .000 | .000 | .250 | .000 | .909 | .000 | .000 | .909 | .914 |
| Vehicles | 2 | 0 | 0 | 0 | 2 | 5 | 1393 | 0 | 0 | 1398 | 1 | 0 | 0 | 0 | 1 | 0 | 1830 | 0 | 0 | 1830 | 3231 |
| % Vehicles | 100 | 0 | 0 | 0 | 100 | 100 | 96.9 | 0 | 0 | 96.9 | 100 | 0 | 0 | 0 | 100 | 0 | 98.3 | 0 | 0 | 98.3 | 97.7 |
| Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 31 | 76 |
| % Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 3.1 | 0 | 0 | 3.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.7 | 0 | 0 | 1.7 | 2.3 |





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Start Date : 2/23/2021
Page No : 4

| Start Time | Kings Dr Southbound | | | | | TH-7 Westbound | | | | | Loretta La Northbound | | | | | TH-7 Eastbound | | | | | Int. Total |
|--|---------------------|------|------|------|------------|----------------|------------|------|------|------------|-----------------------|------|------|------|------------|----------------|------------|------|------|------------|------------|
| | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | |
| Peak Hour Analysis From 12:15 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:30 PM | | | | | | | | | | | | | | | | | | | | | |
| 04:30 PM | 1 | 0 | 0 | 0 | 1 | 4 | 457 | 0 | 0 | 461 | 0 | 0 | 0 | 0 | 0 | 2 | 456 | 0 | 0 | 458 | 920 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 3 | 508 | 0 | 0 | 511 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 0 | 0 | 448 | 959 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 1 | 468 | 0 | 0 | 469 | 0 | 0 | 0 | 0 | 0 | 0 | 407 | 0 | 0 | 407 | 876 |
| 05:15 PM | 1 | 0 | 0 | 0 | 1 | 5 | 498 | 0 | 0 | 503 | 0 | 0 | 0 | 0 | 0 | 0 | 482 | 0 | 0 | 482 | 986 |
| Total Volume | 2 | 0 | 0 | 0 | 2 | 13 | 1931 | 0 | 0 | 1944 | 0 | 0 | 0 | 0 | 0 | 2 | 1793 | 0 | 0 | 1795 | 3741 |
| % App. Total | 100 | 0 | 0 | 0 | | 0.7 | 99.3 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0.1 | 99.9 | 0 | 0 | | |
| PHF | .500 | .000 | .000 | .000 | .500 | .650 | .950 | .000 | .000 | .951 | .000 | .000 | .000 | .000 | .000 | .250 | .930 | .000 | .000 | .931 | .949 |
| Vehicles | 2 | 0 | 0 | 0 | 2 | 13 | 1924 | 0 | 0 | 1937 | 0 | 0 | 0 | 0 | 0 | 2 | 1768 | 0 | 0 | 1770 | 3709 |
| % Vehicles | 100 | 0 | 0 | 0 | 100 | 100 | 99.6 | 0 | 0 | 99.6 | 0 | 0 | 0 | 0 | 0 | 100 | 98.6 | 0 | 0 | 98.6 | 99.1 |
| Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 25 | 32 |
| % Trucks | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0 | 0 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 1.4 | 0 | 0 | 1.4 | 0.9 |

