

# ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 3 & Butler Avenue  
 Date: 10/12/2024  
 Duration: 0500-2300

Site Code: 303  
 Ref Pt: N/A  
 Page No: 1 of 5

All Vehicles (Cars & Trucks) Printed

| Start Time | TH 3 Southbound |      |      |       |            |             | Butler Avenue Westbound |      |      |       |            |             | TH 3 Northbound |      |      |       |            |             | Butler Avenue Eastbound |      |      |       |            |             | Int. Veh. Total | Int. Ped/ Bike Total |
|------------|-----------------|------|------|-------|------------|-------------|-------------------------|------|------|-------|------------|-------------|-----------------|------|------|-------|------------|-------------|-------------------------|------|------|-------|------------|-------------|-----------------|----------------------|
|            | U-Turn          | Left | Thru | Right | App. Total | Peds/ Bikes | U-Turn                  | Left | Thru | Right | App. Total | Peds/ Bikes | U-Turn          | Left | Thru | Right | App. Total | Peds/ Bikes | U-Turn                  | Left | Thru | Right | App. Total | Peds/ Bikes |                 |                      |
| 5:00       | --              | --   | 4    | --    | 4          | --          | --                      | 2    | 4    | --    | 6          | --          | --              | 1    | 3    | --    | 4          | --          | --                      | --   | 3    | --    | 3          | --          | 17              | --                   |
| 5:15       | --              | 1    | 13   | --    | 14         | --          | --                      | 6    | 2    | 1     | 9          | --          | --              | 1    | 7    | --    | 8          | --          | --                      | --   | 3    | 2     | 5          | --          | 36              | --                   |
| 5:30       | --              | --   | 8    | --    | 8          | --          | --                      | 3    | 3    | --    | 6          | --          | --              | 1    | 10   | 5     | 16         | --          | --                      | --   | 3    | --    | 3          | --          | 33              | --                   |
| 5:45       | --              | 1    | 27   | --    | 28         | 1           | --                      | 4    | 1    | 4     | 9          | --          | --              | 1    | 12   | 7     | 20         | --          | --                      | --   | 2    | --    | 2          | --          | 59              | 1                    |
| Hour Total | --              | 2    | 52   | --    | 54         | 1           | --                      | 15   | 10   | 5     | 30         | --          | --              | 4    | 32   | 12    | 48         | --          | --                      | --   | 11   | 2     | 13         | --          | 145             | 1                    |
| 6:00       | --              | --   | 15   | 1     | 16         | --          | --                      | 5    | 4    | --    | 9          | --          | --              | 4    | 10   | 2     | 16         | 2           | --                      | 1    | 3    | 2     | 6          | --          | 47              | 2                    |
| 6:15       | --              | 3    | 15   | --    | 18         | --          | --                      | 10   | 10   | 1     | 21         | 1           | --              | 2    | 9    | 2     | 13         | 1           | --                      | --   | 1    | 2     | 3          | --          | 55              | 2                    |
| 6:30       | --              | 2    | 16   | 3     | 21         | --          | --                      | 2    | 5    | 1     | 8          | --          | 1               | 1    | 21   | 6     | 29         | 2           | --                      | --   | 4    | 2     | 6          | 1           | 64              | 3                    |
| 6:45       | --              | 3    | 26   | --    | 29         | --          | --                      | 8    | 6    | --    | 14         | --          | --              | 3    | 18   | 8     | 29         | 1           | --                      | 1    | 5    | 5     | 11         | --          | 83              | 1                    |
| Hour Total | --              | 8    | 72   | 4     | 84         | --          | --                      | 25   | 25   | 2     | 52         | 1           | 1               | 10   | 58   | 18    | 87         | 6           | --                      | 2    | 13   | 11    | 26         | 1           | 249             | 8                    |
| 7:00       | --              | 1    | 20   | 1     | 22         | --          | --                      | 12   | 5    | --    | 17         | 2           | --              | 2    | 28   | 7     | 37         | --          | --                      | 3    | 4    | 4     | 11         | 1           | 87              | 3                    |
| 7:15       | --              | 5    | 42   | --    | 47         | --          | --                      | 12   | 9    | 2     | 23         | --          | --              | 4    | 20   | 6     | 30         | --          | --                      | 3    | 8    | 6     | 17         | 2           | 117             | 2                    |
| 7:30       | --              | 3    | 54   | --    | 57         | --          | --                      | 12   | 18   | 3     | 33         | 1           | --              | 5    | 30   | 5     | 40         | 2           | --                      | 1    | 10   | 5     | 16         | --          | 146             | 3                    |
| 7:45       | --              | 5    | 46   | 4     | 55         | --          | --                      | 17   | 29   | --    | 46         | 1           | 1               | 9    | 28   | 17    | 55         | --          | --                      | 5    | 9    | 9     | 23         | --          | 179             | 1                    |
| Hour Total | --              | 14   | 162  | 5     | 181        | --          | --                      | 53   | 61   | 5     | 119        | 4           | 1               | 20   | 106  | 35    | 162        | 2           | --                      | 12   | 31   | 24    | 67         | 3           | 529             | 9                    |
| 8:00       | --              | 4    | 40   | 4     | 48         | --          | --                      | 17   | 13   | 3     | 33         | --          | --              | 8    | 49   | 11    | 68         | --          | --                      | 8    | 14   | 6     | 28         | 1           | 177             | 1                    |
| 8:15       | --              | 3    | 66   | 3     | 72         | --          | --                      | 20   | 20   | 2     | 42         | --          | --              | 6    | 39   | 11    | 56         | --          | --                      | 7    | 21   | 7     | 35         | --          | 205             | --                   |
| 8:30       | 1               | 8    | 66   | --    | 75         | 1           | --                      | 23   | 13   | 8     | 44         | 1           | --              | 13   | 61   | 19    | 93         | 2           | --                      | 8    | 17   | 10    | 35         | 1           | 247             | 5                    |
| 8:45       | --              | 5    | 78   | 2     | 85         | --          | --                      | 27   | 23   | 6     | 56         | 2           | 2               | 10   | 58   | 13    | 83         | --          | --                      | 8    | 35   | 20    | 63         | --          | 287             | 2                    |
| Hour Total | 1               | 20   | 250  | 9     | 280        | 1           | --                      | 87   | 69   | 19    | 175        | 3           | 2               | 37   | 207  | 54    | 300        | 2           | --                      | 31   | 87   | 43    | 161        | 2           | 916             | 8                    |
| 9:00       | --              | 6    | 76   | 6     | 88         | --          | --                      | 29   | 28   | 8     | 65         | --          | 1               | 10   | 74   | 9     | 94         | 1           | --                      | 7    | 28   | 12    | 47         | --          | 294             | 1                    |
| 9:15       | --              | 6    | 92   | 3     | 101        | --          | --                      | 27   | 30   | 9     | 66         | 2           | --              | 17   | 86   | 9     | 112        | --          | --                      | 8    | 24   | 15    | 47         | 1           | 326             | 3                    |
| 9:30       | --              | 8    | 85   | 5     | 98         | 2           | --                      | 35   | 39   | 9     | 83         | --          | --              | 15   | 82   | 17    | 114        | --          | --                      | 11   | 31   | 13    | 55         | 3           | 350             | 5                    |
| 9:45       | 1               | 4    | 109  | 7     | 121        | --          | --                      | 29   | 38   | 14    | 81         | 1           | 1               | 16   | 87   | 16    | 120        | 3           | --                      | 16   | 27   | 15    | 58         | --          | 380             | 4                    |
| Hour Total | 1               | 24   | 362  | 21    | 408        | 2           | --                      | 120  | 135  | 40    | 295        | 3           | 2               | 58   | 329  | 51    | 440        | 4           | --                      | 42   | 110  | 55    | 207        | 4           | 1350            | 13                   |
| 10:00      | 1               | 12   | 123  | 2     | 138        | --          | --                      | 44   | 31   | 7     | 82         | --          | 3               | 11   | 114  | 11    | 139        | 4           | --                      | 13   | 44   | 22    | 79         | --          | 438             | 4                    |
| 10:15      | 2               | 9    | 122  | 4     | 137        | --          | --                      | 31   | 34   | 11    | 76         | 1           | 1               | 18   | 100  | 22    | 141        | 2           | --                      | 14   | 37   | 16    | 67         | 1           | 421             | 4                    |
| 10:30      | --              | 7    | 92   | 8     | 107        | 2           | --                      | 38   | 34   | 5     | 77         | 3           | 1               | 10   | 113  | 17    | 141        | 4           | --                      | 11   | 32   | 20    | 63         | --          | 388             | 9                    |
| 10:45      | --              | 12   | 113  | 8     | 133        | --          | --                      | 32   | 35   | 4     | 71         | --          | 2               | 20   | 95   | 24    | 141        | --          | --                      | 22   | 39   | 17    | 78         | 1           | 423             | 1                    |
| Hour Total | 3               | 40   | 450  | 22    | 515        | 2           | --                      | 145  | 134  | 27    | 306        | 4           | 7               | 59   | 422  | 74    | 562        | 10          | --                      | 60   | 152  | 75    | 287        | 2           | 1670            | 18                   |
| 11:00      | 1               | 13   | 132  | 4     | 150        | --          | --                      | 26   | 29   | 7     | 62         | --          | --              | 28   | 128  | 18    | 174        | 1           | --                      | 12   | 27   | 17    | 56         | --          | 442             | 1                    |
| 11:15      | --              | 8    | 104  | 6     | 118        | --          | --                      | 45   | 33   | 4     | 82         | --          | 3               | 22   | 119  | 24    | 168        | --          | --                      | 19   | 30   | 30    | 79         | --          | 447             | --                   |
| 11:30      | 1               | 6    | 103  | 5     | 115        | --          | --                      | 48   | 37   | 10    | 95         | 1           | 4               | 25   | 155  | 18    | 202        | --          | --                      | 15   | 35   | 20    | 70         | 2           | 482             | 3                    |
| 11:45      | --              | 11   | 159  | 12    | 182        | --          | --                      | 41   | 33   | 8     | 82         | 1           | 2               | 23   | 126  | 29    | 180        | 1           | --                      | 14   | 28   | 15    | 57         | --          | 501             | 2                    |
| Hour Total | 2               | 38   | 498  | 27    | 565        | --          | --                      | 160  | 132  | 29    | 321        | 2           | 9               | 98   | 528  | 89    | 724        | 2           | --                      | 60   | 120  | 82    | 262        | 2           | 1872            | 6                    |
| 12:00      | --              | 7    | 110  | 5     | 122        | 2           | --                      | 50   | 43   | 12    | 105        | 1           | 1               | 22   | 137  | 20    | 180        | 1           | --                      | 17   | 28   | 19    | 64         | 2           | 471             | 6                    |
| 12:15      | --              | 12   | 128  | 9     | 149        | 1           | --                      | 37   | 42   | 6     | 85         | 2           | 1               | 16   | 139  | 24    | 180        | 1           | --                      | 17   | 38   | 22    | 77         | --          | 491             | 4                    |
| 12:30      | --              | 11   | 106  | 5     | 122        | 1           | --                      | 41   | 40   | 4     | 85         | 4           | 4               | 30   | 115  | 24    | 173        | --          | --                      | 28   | 39   | 16    | 83         | 3           | 463             | 8                    |
| 12:45      | 1               | 13   | 165  | 8     | 187        | --          | --                      | 41   | 42   | 9     | 92         | --          | 2               | 19   | 160  | 20    | 201        | --          | --                      | 17   | 33   | 16    | 66         | 1           | 546             | 1                    |
| Hour Total | 1               | 43   | 509  | 27    | 580        | 4           | --                      | 169  | 167  | 31    | 367        | 7           | 8               | 87   | 551  | 88    | 734        | 2           | --                      | 79   | 138  | 73    | 290        | 6           | 1971            | 19                   |
| 13:00      | 3               | 10   | 126  | 5     | 144        | 2           | --                      | 45   | 44   | 7     | 96         | --          | 1               | 19   | 127  | 23    | 170        | --          | --                      | 18   | 37   | 14    | 69         | 2           | 479             | 4                    |
| 13:15      | 2               | 16   | 105  | 2     | 125        | 1           | --                      | 25   | 31   | 11    | 67         | 1           | 1               | 26   | 105  | 28    | 160        | --          | --                      | 18   | 30   | 21    | 69         | 2           | 421             | 4                    |
| 13:30      | --              | 6    | 96   | 4     | 106        | 2           | --                      | 33   | 40   | 9     | 82         | 2           | 3               | 28   | 106  | 24    | 161        | 2           | --                      | 20   | 49   | 17    | 86         | 3           | 435             | 9                    |
| 13:45      | 4               | 11   | 145  | 5     | 165        | 1           | --                      | 45   | 49   | 4     | 98         | 2           | 2               | 19   | 126  | 17    | 164        | 3           | --                      | 14   | 24   | 21    | 59         | 1           | 486             | 7                    |
| Hour Total | 9               | 43   | 472  | 16    | 540        | 6           | --                      | 148  | 164  | 31    | 343        | 5           | 7               | 92   | 464  | 92    | 655        | 5           | --                      | 70   | 140  | 73    | 283        | 8           | 1821            | 24                   |

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|----------------------|-----------------|-------|-------|-------|------------|-------------|-------------------------|-------|-------|-------|------------|-------------|-----------------|-------|-------|-------|------------|-------------|-------------------------|-------|-------|-------|------------|-------------|-----------------|----------------------|
|                      | U-Turn          | Left  | Thru  | Right | App. Total | Peds/ Bikes | U-Turn                  | Left  | Thru  | Right | App. Total | Peds/ Bikes | U-Turn          | Left  | Thru  | Right | App. Total | Peds/ Bikes | U-Turn                  | Left  | Thru  | Right | App. Total | Peds/ Bikes |                 |                      |
| 14:00                | --              | 10    | 111   | 2     | 123        | 2           | --                      | 41    | 44    | 9     | 94         | 1           | 2               | 22    | 129   | 24    | 177        | 2           | --                      | 23    | 43    | 18    | 84         | 4           | 478             | 9                    |
| 14:15                | 1               | 10    | 131   | 3     | 145        | 2           | --                      | 38    | 44    | 8     | 90         | --          | 1               | 23    | 159   | 33    | 216        | --          | --                      | 21    | 43    | 19    | 83         | 4           | 534             | 6                    |
| 14:30                | --              | 9     | 109   | 3     | 121        | --          | --                      | 47    | 43    | 8     | 98         | 1           | 2               | 15    | 136   | 22    | 175        | 3           | --                      | 26    | 43    | 17    | 86         | 4           | 480             | 8                    |
| 14:45                | 2               | 10    | 133   | 5     | 150        | 1           | --                      | 39    | 50    | 6     | 95         | 1           | 2               | 24    | 142   | 30    | 198        | 3           | --                      | 20    | 39    | 17    | 76         | 4           | 519             | 9                    |
| Hour Total           | 3               | 39    | 484   | 13    | 539        | 5           | --                      | 165   | 181   | 31    | 377        | 3           | 7               | 84    | 566   | 109   | 766        | 8           | --                      | 90    | 168   | 71    | 329        | 16          | 2011            | 32                   |
| 15:00                | --              | 8     | 101   | 4     | 113        | 4           | --                      | 39    | 45    | 6     | 90         | 2           | 3               | 19    | 153   | 22    | 197        | 4           | --                      | 20    | 43    | 19    | 82         | 1           | 482             | 11                   |
| 15:15                | 1               | 10    | 121   | 7     | 139        | 1           | --                      | 31    | 27    | 11    | 82         | --          | 1               | 18    | 133   | 25    | 177        | --          | --                      | 15    | 37    | 15    | 67         | 3           | 452             | 4                    |
| 15:30                | --              | 11    | 102   | 5     | 118        | 3           | --                      | 37    | 48    | 21    | 106        | 2           | 3               | 14    | 141   | 21    | 179        | 1           | --                      | 23    | 28    | 17    | 68         | 5           | 471             | 11                   |
| 15:45                | 1               | 11    | 126   | 10    | 148        | 1           | --                      | 40    | 43    | 8     | 91         | --          | 1               | 27    | 155   | 30    | 213        | 1           | --                      | 19    | 28    | 19    | 66         | 1           | 518             | 3                    |
| Hour Total           | 2               | 40    | 450   | 26    | 518        | 9           | --                      | 147   | 163   | 46    | 356        | 4           | 8               | 78    | 582   | 98    | 766        | 6           | --                      | 77    | 136   | 70    | 283        | 10          | 1923            | 29                   |
| 16:00                | 1               | 13    | 107   | 7     | 128        | --          | --                      | 37    | 56    | 16    | 109        | 1           | 1               | 20    | 157   | 24    | 202        | --          | --                      | 26    | 34    | 20    | 80         | --          | 519             | 1                    |
| 16:15                | --              | 18    | 123   | 13    | 154        | 1           | --                      | 31    | 40    | 11    | 82         | 2           | --              | 37    | 140   | 25    | 202        | --          | --                      | 20    | 34    | 19    | 73         | 2           | 511             | 5                    |
| 16:30                | 1               | 11    | 102   | 6     | 120        | --          | --                      | 38    | 43    | 12    | 93         | --          | 1               | 27    | 133   | 24    | 185        | --          | --                      | 23    | 31    | 21    | 75         | 1           | 473             | 1                    |
| 16:45                | 2               | 15    | 142   | 2     | 161        | --          | --                      | 43    | 47    | 11    | 101        | --          | 1               | 33    | 119   | 30    | 183        | 1           | --                      | 17    | 27    | 21    | 65         | --          | 510             | 1                    |
| Hour Total           | 4               | 57    | 474   | 28    | 563        | 1           | --                      | 149   | 186   | 50    | 385        | 3           | 3               | 117   | 549   | 103   | 772        | 1           | --                      | 86    | 126   | 81    | 293        | 3           | 2013            | 8                    |
| 17:00                | 1               | 15    | 139   | 9     | 164        | --          | --                      | 40    | 53    | 13    | 106        | --          | 2               | 18    | 147   | 18    | 185        | --          | --                      | 18    | 36    | 14    | 68         | 1           | 523             | 1                    |
| 17:15                | 3               | 13    | 119   | 5     | 140        | 3           | --                      | 33    | 51    | 9     | 93         | 1           | 1               | 28    | 129   | 17    | 175        | 4           | --                      | 21    | 39    | 28    | 88         | 7           | 496             | 15                   |
| 17:30                | 2               | 9     | 97    | 7     | 115        | --          | --                      | 37    | 47    | 12    | 96         | 2           | 2               | 18    | 144   | 20    | 184        | 1           | --                      | 12    | 32    | 19    | 63         | --          | 458             | 3                    |
| 17:45                | --              | 5     | 111   | 7     | 123        | 1           | --                      | 33    | 38    | 9     | 80         | 5           | 3               | 22    | 145   | 23    | 193        | 3           | --                      | 18    | 34    | 21    | 73         | 1           | 469             | 10                   |
| Hour Total           | 6               | 42    | 466   | 28    | 542        | 4           | --                      | 143   | 189   | 43    | 375        | 8           | 8               | 86    | 565   | 78    | 737        | 8           | --                      | 69    | 141   | 82    | 292        | 9           | 1946            | 29                   |
| 18:00                | --              | 15    | 99    | 6     | 120        | 3           | --                      | 39    | 39    | 11    | 89         | 3           | 2               | 22    | 115   | 32    | 171        | 1           | --                      | 20    | 51    | 21    | 92         | 2           | 472             | 9                    |
| 18:15                | 1               | 16    | 119   | 7     | 143        | 3           | --                      | 27    | 38    | 6     | 71         | --          | 2               | 35    | 132   | 18    | 187        | --          | 1                       | 23    | 29    | 19    | 72         | --          | 473             | 3                    |
| 18:30                | 2               | 12    | 95    | 5     | 114        | 2           | --                      | 36    | 42    | 11    | 89         | --          | 1               | 13    | 118   | 27    | 159        | --          | --                      | 22    | 40    | 25    | 87         | 3           | 449             | 5                    |
| 18:45                | 1               | 15    | 94    | 6     | 116        | 2           | --                      | 35    | 52    | 9     | 96         | 1           | --              | 23    | 122   | 19    | 164        | --          | --                      | 16    | 35    | 13    | 64         | 2           | 440             | 5                    |
| Hour Total           | 4               | 58    | 407   | 24    | 493        | 10          | --                      | 137   | 171   | 37    | 345        | 4           | 5               | 93    | 487   | 96    | 681        | 1           | 1                       | 81    | 155   | 78    | 315        | 7           | 1834            | 22                   |
| 19:00                | 1               | 17    | 98    | 4     | 120        | 1           | --                      | 29    | 48    | 9     | 86         | --          | 3               | 21    | 115   | 37    | 176        | 1           | --                      | 16    | 42    | 15    | 73         | --          | 455             | 2                    |
| 19:15                | 1               | 10    | 87    | 9     | 107        | 2           | --                      | 34    | 42    | 11    | 87         | --          | --              | 21    | 114   | 16    | 151        | 1           | --                      | 15    | 26    | 20    | 61         | 4           | 406             | 7                    |
| 19:30                | 1               | 11    | 78    | 4     | 94         | --          | --                      | 18    | 25    | 5     | 48         | --          | 1               | 20    | 93    | 31    | 145        | --          | --                      | 13    | 36    | 11    | 60         | --          | 347             | --                   |
| 19:45                | --              | 12    | 75    | 4     | 91         | --          | --                      | 30    | 33    | 6     | 69         | --          | 1               | 25    | 92    | 16    | 134        | --          | --                      | 13    | 27    | 12    | 52         | --          | 346             | --                   |
| Hour Total           | 3               | 50    | 338   | 21    | 412        | 3           | --                      | 111   | 148   | 31    | 290        | --          | 5               | 87    | 414   | 100   | 606        | 2           | --                      | 57    | 131   | 58    | 246        | 4           | 1554            | 9                    |
| 20:00                | 3               | 9     | 60    | 11    | 83         | --          | --                      | 19    | 32    | 5     | 56         | --          | 2               | 14    | 91    | 23    | 130        | --          | --                      | 16    | 18    | 13    | 47         | --          | 316             | --                   |
| 20:15                | 1               | 10    | 70    | 2     | 83         | --          | --                      | 22    | 28    | 9     | 59         | --          | 1               | 22    | 84    | 20    | 127        | --          | --                      | 9     | 27    | 11    | 47         | --          | 316             | --                   |
| 20:30                | 1               | 3     | 63    | 1     | 68         | --          | --                      | 18    | 21    | 5     | 44         | --          | 1               | 18    | 83    | 25    | 127        | --          | --                      | 8     | 32    | 11    | 51         | 1           | 290             | 1                    |
| 20:45                | 4               | 6     | 65    | 4     | 79         | --          | --                      | 15    | 32    | 5     | 52         | --          | --              | 15    | 60    | 18    | 93         | --          | --                      | 12    | 12    | 9     | 33         | 1           | 257             | 1                    |
| Hour Total           | 9               | 28    | 258   | 18    | 313        | --          | --                      | 74    | 113   | 24    | 211        | --          | 4               | 69    | 318   | 86    | 477        | --          | --                      | 45    | 89    | 44    | 178        | 2           | 1179            | 2                    |
| 21:00                | 1               | 11    | 44    | 5     | 61         | --          | --                      | 19    | 27    | 7     | 53         | --          | --              | 11    | 68    | 12    | 91         | --          | --                      | 14    | 26    | 9     | 49         | 1           | 254             | 1                    |
| 21:15                | --              | 4     | 57    | 2     | 63         | 1           | --                      | 14    | 31    | 5     | 50         | --          | --              | 13    | 61    | 10    | 84         | --          | --                      | 7     | 24    | 14    | 45         | --          | 242             | 1                    |
| 21:30                | 1               | 9     | 53    | 3     | 66         | 1           | --                      | 10    | 21    | 5     | 36         | 2           | --              | 14    | 47    | 15    | 76         | --          | --                      | 7     | 21    | 9     | 37         | 2           | 215             | 5                    |
| 21:45                | --              | 7     | 44    | --    | 51         | 2           | --                      | 12    | 28    | 4     | 44         | --          | 2               | 10    | 55    | 5     | 72         | 1           | --                      | 4     | 11    | 10    | 25         | --          | 192             | 3                    |
| Hour Total           | 2               | 31    | 198   | 10    | 241        | 4           | --                      | 55    | 107   | 21    | 183        | 2           | 2               | 48    | 231   | 42    | 323        | 1           | --                      | 32    | 82    | 42    | 156        | 3           | 903             | 10                   |
| 22:00                | --              | 9     | 40    | 3     | 52         | 3           | --                      | 15    | 17    | 5     | 37         | 3           | --              | 11    | 52    | 15    | 78         | --          | --                      | 6     | 25    | 10    | 41         | 2           | 208             | 8                    |
| 22:15                | --              | 8     | 49    | 4     | 61         | --          | --                      | 20    | 24    | 2     | 46         | 1           | --              | 6     | 58    | 10    | 74         | --          | --                      | 6     | 18    | 1     | 25         | --          | 206             | 1                    |
| 22:30                | --              | 4     | 50    | 3     | 57         | --          | --                      | 12    | 20    | 3     | 35         | --          | 1               | 7     | 43    | 11    | 62         | 1           | --                      | 6     | 10    | 6     | 22         | --          | 176             | 1                    |
| 22:45                | --              | 2     | 38    | 1     | 41         | --          | --                      | 3     | 19    | 4     | 26         | --          | --              | 7     | 32    | 7     | 46         | --          | --                      | 5     | 8     | 7     | 20         | --          | 133             | --                   |
| Hour Total           | --              | 23    | 177   | 11    | 211        | 3           | --                      | 50    | 80    | 14    | 144        | 4           | 1               | 31    | 185   | 43    | 260        | 1           | --                      | 23    | 61    | 24    | 108        | 2           | 723             | 10                   |
| Grand Total          | 50              | 600   | 6079  | 310   | 7039       | 55          | --                      | 1953  | 2235  | 486   | 4674       | 57          | 80              | 1158  | 6594  | 1268  | 9100       | 61          | 1                       | 916   | 1891  | 988   | 3796       | 84          | 24609           | 257                  |
| % of App.            | 0.7%            | 8.5%  | 86.4% | 4.4%  |            |             | 0.0%                    | 41.8% | 47.8% | 10.4% |            |             | 0.9%            | 12.7% | 72.5% | 13.9% |            |             | 0.0%                    | 24.1% | 49.8% | 26.0% |            |             |                 |                      |
| % of Total           | 0.2%            | 2.4%  | 24.7% | 1.3%  | 28.6%      | 21.4%       | 0.0%                    | 7.9%  | 9.1%  | 2.0%  | 19.0%      | 22.2%       | 0.3%            | 4.7%  | 26.8% | 5.2%  | 37.0%      | 23.7%       | 0.0%                    | 3.7%  | 7.7%  | 4.0%  | 15.4%      | 32.7%       |                 |                      |
| Cars Total           | 50              | 599   | 6022  | 309   | 6980       | 51          | --                      | 1947  | 2226  | 483   | 4656       | 54          | 80              | 1130  | 6529  | 1264  | 9003       | 55          | 1                       | 911   | 1885  | 988   | 3785       | 70          | 24424           | 230                  |
| Cars % of Movement   | 100%            | 99.8% | 99.1% | 99.7% | 99.2%      | 22.2%       | 0.0%                    | 99.7% | 99.6% | 99.4% | 99.6%      | 23.5%       | 100%            | 97.6% | 99.0% | 99.7% | 98.9%      | 23.9%       | 100%                    | 99.5% | 99.7% | 100%  | 99.7%      | 30.4%       | 99.2%           |                      |
| Trucks Total         | --              | 1     | 57    | 1     | 59         | 4           | --                      | 6     | 9     | 3     | 18         | 3           | --              | 28    | 65    | 4     | 97         | 6           | --                      | 5     | 6     | --    | 11         | 14          | 185             | 27                   |
| Trucks % of Movement | 0.0%            | 0.2%  | 0.9%  | 0.3%  | 0.8%       | 14.8%       | 0.0%                    | 0.3%  | 0.4%  | 0.6%  | 0.4%       | 11.1%       | 0.0%            | 2.4%  | 1.0%  | 0.3%  | 1.1%       | 22.2%       | 0.0%                    | 0.5%  | 0.3%  | 0.0%  | 0.3%       | 51.9%       | 0.8%            |                      |

# ALLIANT ENGINEERING, INC.

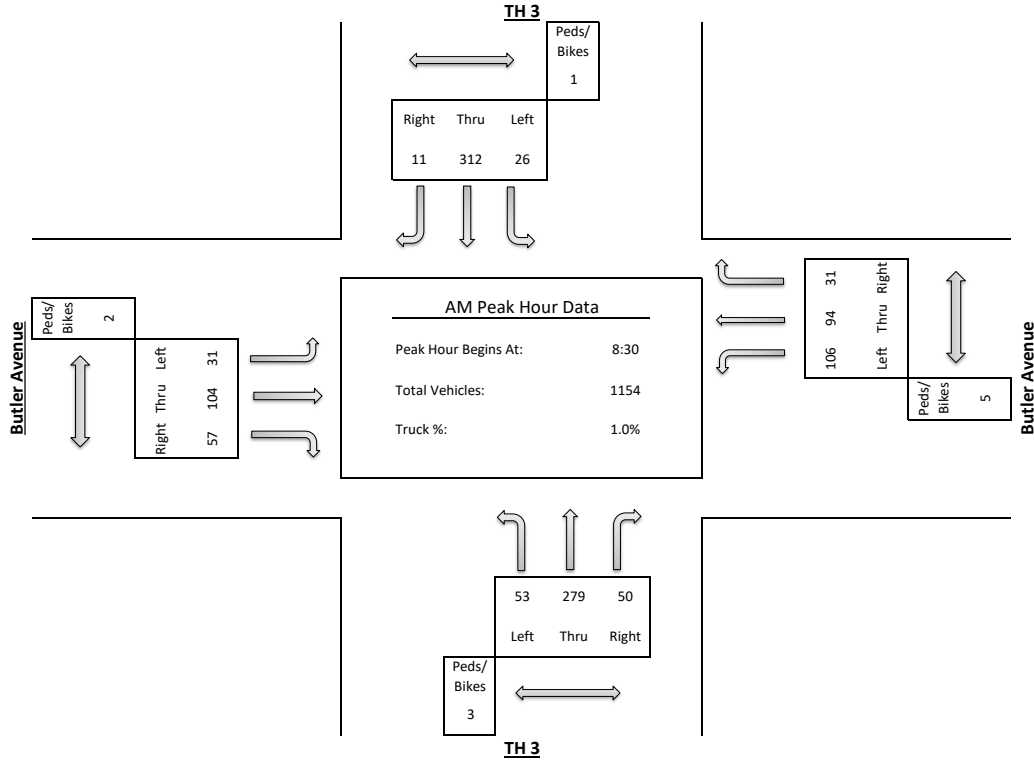
733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 3 & Butler Avenue  
 Date: 10/12/2024  
 Duration: 0500-2300

Site Code: 303  
 Ref Pt: N/A  
 Page No: 3 of 5

All Vehicles (Cars & Trucks) Printed

| Start Time           | TH 3 Southbound |           |            |           |            |            | Butler Avenue Westbound |            |           |           |            |            | TH 3 Northbound |           |            |           |            |            | Butler Avenue Eastbound |           |            |           |            |            | Int. Veh. Total | Int. Ped/Bike Total |
|----------------------|-----------------|-----------|------------|-----------|------------|------------|-------------------------|------------|-----------|-----------|------------|------------|-----------------|-----------|------------|-----------|------------|------------|-------------------------|-----------|------------|-----------|------------|------------|-----------------|---------------------|
|                      | U-Turn          | Left      | Thru       | Right     | App. Total | Peds/Bikes | U-Turn                  | Left       | Thru      | Right     | App. Total | Peds/Bikes | U-Turn          | Left      | Thru       | Right     | App. Total | Peds/Bikes | U-Turn                  | Left      | Thru       | Right     | App. Total | Peds/Bikes |                 |                     |
| 8:30                 | 1               | 8         | 66         | --        | 75         | 1          | --                      | 23         | 13        | 8         | 44         | 1          | --              | 13        | 61         | 19        | 93         | 2          | --                      | 8         | 17         | 10        | 35         | 1          | 247             | 5                   |
| 8:45                 | --              | 5         | 78         | 2         | 85         | --         | --                      | 27         | 23        | 6         | 56         | 2          | 2               | 10        | 58         | 13        | 83         | --         | --                      | 8         | 35         | 20        | 63         | --         | 287             | 2                   |
| 9:00                 | --              | 6         | 76         | 6         | 88         | --         | --                      | 29         | 28        | 8         | 65         | --         | 1               | 10        | 74         | 9         | 94         | 1          | --                      | 7         | 28         | 12        | 47         | --         | 294             | 1                   |
| 9:15                 | --              | 6         | 92         | 3         | 101        | --         | --                      | 27         | 30        | 9         | 66         | 2          | --              | 17        | 86         | 9         | 112        | --         | --                      | 8         | 24         | 15        | 47         | 1          | 326             | 3                   |
| <b>Hour Total</b>    | <b>1</b>        | <b>25</b> | <b>312</b> | <b>11</b> | <b>349</b> | <b>1</b>   | <b>--</b>               | <b>106</b> | <b>94</b> | <b>31</b> | <b>231</b> | <b>5</b>   | <b>3</b>        | <b>50</b> | <b>279</b> | <b>50</b> | <b>382</b> | <b>3</b>   | <b>--</b>               | <b>31</b> | <b>104</b> | <b>57</b> | <b>192</b> | <b>2</b>   | <b>1154</b>     | <b>11</b>           |
| % of App.            | 0.3%            | 7.2%      | 89.4%      | 3.2%      |            |            | 0.0%                    | 45.9%      | 40.7%     | 13.4%     |            |            | 0.8%            | 13.1%     | 73.0%      | 13.1%     |            |            | 0.0%                    | 16.1%     | 54.2%      | 29.7%     |            |            |                 |                     |
| % of Total           | 0.1%            | 2.2%      | 27.0%      | 1.0%      | 30.2%      | 9.1%       | 0.0%                    | 9.2%       | 8.1%      | 2.7%      | 20.0%      | 45.5%      | 0.3%            | 4.3%      | 24.2%      | 4.3%      | 33.1%      | 27.3%      | 0.0%                    | 2.7%      | 9.0%       | 4.9%      | 16.6%      | 18.2%      |                 |                     |
| Cars Total           | 1               | 25        | 308        | 11        | 345        | --         | --                      | 106        | 94        | 31        | 231        | 5          | 3               | 47        | 276        | 50        | 376        | 3          | --                      | 31        | 103        | 57        | 191        | 1          | 1143            | 9                   |
| Cars % of Movement   | 100%            | 100%      | 98.7%      | 100%      | 98.9%      | 0.0%       | 0.0%                    | 100%       | 100%      | 100%      | 100%       | 55.6%      | 100%            | 94.0%     | 98.9%      | 100%      | 98.4%      | 33.3%      | 0.0%                    | 100%      | 99.0%      | 100%      | 99.5%      | 11.1%      | 99.0%           |                     |
| Trucks Total         | --              | --        | 4          | --        | 4          | 1          | --                      | --         | --        | --        | 0          | --         | --              | 3         | 3          | --        | 6          | --         | --                      | --        | 1          | --        | 1          | 1          | 11              | 2                   |
| Trucks % of Movement | 0.0%            | 0.0%      | 1.3%       | 0.0%      | 1.1%       | 50.0%      | 0.0%                    | 0.0%       | 0.0%      | 0.0%      | 0.0%       | 0.0%       | 0.0%            | 6.0%      | 1.1%       | 0.0%      | 1.6%       | 0.0%       | 0.0%                    | 0.0%      | 1.0%       | 0.0%      | 0.5%       | 50.0%      | 1.0%            |                     |



# ALLIANT ENGINEERING, INC.

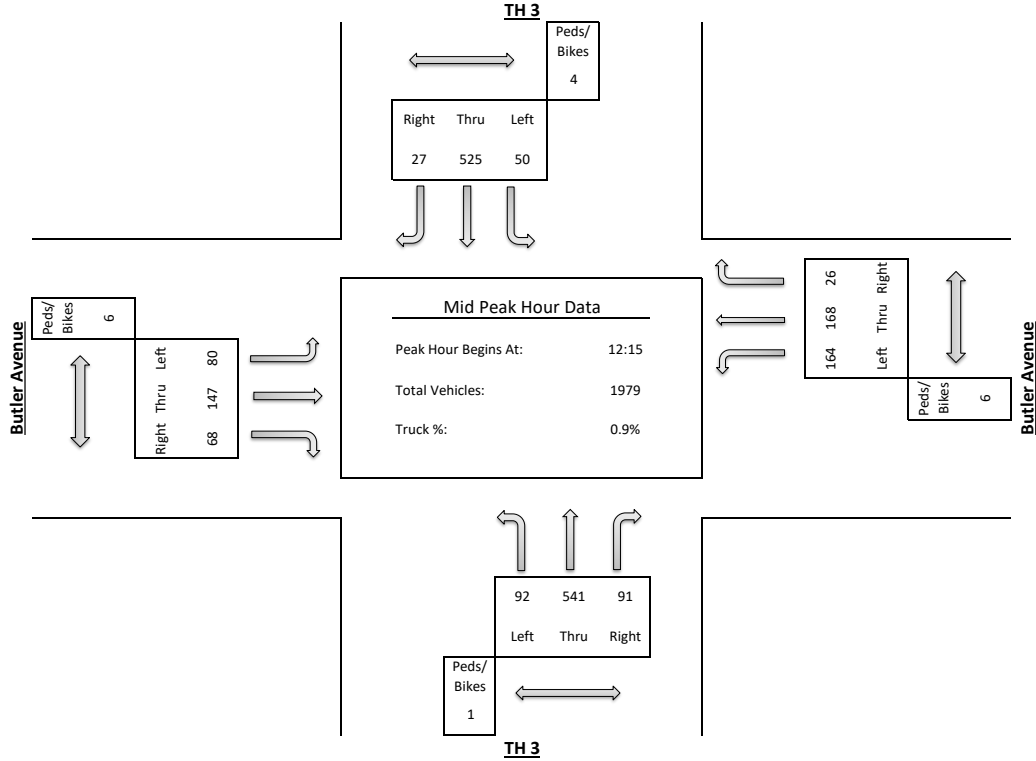
733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 3 & Butler Avenue  
 Date: 10/12/2024  
 Duration: 0500-2300

Site Code: 303  
 Ref Pt: N/A  
 Page No: 4 of 5

All Vehicles (Cars & Trucks) Printed

| Start Time           | TH 3 Southbound |           |            |           |            |            | Butler Avenue Westbound |            |            |           |            |            | TH 3 Northbound |           |            |           |            |            | Butler Avenue Eastbound |           |            |           |            |            | Int. Veh. Total | Int. Ped/Bike Total |
|----------------------|-----------------|-----------|------------|-----------|------------|------------|-------------------------|------------|------------|-----------|------------|------------|-----------------|-----------|------------|-----------|------------|------------|-------------------------|-----------|------------|-----------|------------|------------|-----------------|---------------------|
|                      | U-Turn          | Left      | Thru       | Right     | App. Total | Peds/Bikes | U-Turn                  | Left       | Thru       | Right     | App. Total | Peds/Bikes | U-Turn          | Left      | Thru       | Right     | App. Total | Peds/Bikes | U-Turn                  | Left      | Thru       | Right     | App. Total | Peds/Bikes |                 |                     |
| 12:15                | --              | 12        | 128        | 9         | 149        | 1          | --                      | 37         | 42         | 6         | 85         | 2          | 1               | 16        | 139        | 24        | 180        | 1          | --                      | 17        | 38         | 22        | 77         | --         | 491             | 4                   |
| 12:30                | --              | 11        | 106        | 5         | 122        | 1          | --                      | 41         | 40         | 4         | 85         | 4          | 4               | 30        | 115        | 24        | 173        | --         | --                      | 28        | 39         | 16        | 83         | 3          | 463             | 8                   |
| 12:45                | 1               | 13        | 165        | 8         | 187        | --         | --                      | 41         | 42         | 9         | 92         | --         | 2               | 19        | 160        | 20        | 201        | --         | --                      | 17        | 33         | 16        | 66         | 1          | 546             | 1                   |
| 13:00                | 3               | 10        | 126        | 5         | 144        | 2          | --                      | 45         | 44         | 7         | 96         | --         | 1               | 19        | 127        | 23        | 170        | --         | --                      | 18        | 37         | 14        | 69         | 2          | 479             | 4                   |
| <b>Hour Total</b>    | <b>4</b>        | <b>46</b> | <b>525</b> | <b>27</b> | <b>602</b> | <b>4</b>   | <b>--</b>               | <b>164</b> | <b>168</b> | <b>26</b> | <b>358</b> | <b>6</b>   | <b>8</b>        | <b>84</b> | <b>541</b> | <b>91</b> | <b>724</b> | <b>1</b>   | <b>--</b>               | <b>80</b> | <b>147</b> | <b>68</b> | <b>295</b> | <b>6</b>   | <b>1979</b>     | <b>17</b>           |
| % of App.            | 0.7%            | 7.6%      | 87.2%      | 4.5%      |            |            | 0.0%                    | 45.8%      | 46.9%      | 7.3%      |            |            | 1.1%            | 11.6%     | 74.7%      | 12.6%     |            |            | 0.0%                    | 27.1%     | 49.8%      | 23.1%     |            |            |                 |                     |
| % of Total           | 0.2%            | 2.3%      | 26.5%      | 1.4%      | 30.4%      | 23.5%      | 0.0%                    | 8.3%       | 8.5%       | 1.3%      | 18.1%      | 35.3%      | 0.4%            | 4.2%      | 27.3%      | 4.6%      | 36.6%      | 5.9%       | 0.0%                    | 4.0%      | 7.4%       | 3.4%      | 14.9%      | 35.3%      |                 |                     |
| Cars Total           | 4               | 46        | 519        | 27        | 596        | 4          | --                      | 163        | 167        | 25        | 355        | 6          | 8               | 82        | 535        | 91        | 716        | 1          | --                      | 80        | 146        | 68        | 294        | 4          | 1961            | 15                  |
| Cars % of Movement   | 100%            | 100%      | 98.9%      | 100%      | 99.0%      | 26.7%      | 0.0%                    | 99.4%      | 99.4%      | 96.2%     | 99.2%      | 40.0%      | 100%            | 97.6%     | 98.9%      | 100%      | 98.9%      | 6.7%       | 0.0%                    | 100%      | 99.3%      | 100%      | 99.7%      | 26.7%      | 99.1%           |                     |
| Trucks Total         | --              | --        | 6          | --        | 6          | --         | --                      | 1          | 1          | 1         | 3          | --         | --              | 2         | 6          | --        | 8          | --         | --                      | --        | 1          | --        | 2          | --         | 18              | 2                   |
| Trucks % of Movement | 0.0%            | 0.0%      | 1.1%       | 0.0%      | 1.0%       | 0.0%       | 0.0%                    | 0.6%       | 0.6%       | 3.8%      | 0.8%       | 0.0%       | 0.0%            | 2.4%      | 1.1%       | 0.0%      | 1.1%       | 0.0%       | 0.0%                    | 0.0%      | 0.7%       | 0.0%      | 0.3%       | 100.0%     | 0.9%            |                     |



# ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 3 & Butler Avenue  
 Date: 10/12/2024  
 Duration: 0500-2300

Site Code: 303  
 Ref Pt: N/A  
 Page No: 5 of 5

All Vehicles (Cars & Trucks) Printed

| Start Time           | TH 3 Southbound |           |            |           |            |            | Butler Avenue Westbound |            |            |           |            |            | TH 3 Northbound |            |            |            |            |            | Butler Avenue Eastbound |           |            |           |            |            | Int. Veh. Total | Int. Ped/Bike Total |
|----------------------|-----------------|-----------|------------|-----------|------------|------------|-------------------------|------------|------------|-----------|------------|------------|-----------------|------------|------------|------------|------------|------------|-------------------------|-----------|------------|-----------|------------|------------|-----------------|---------------------|
|                      | U-Turn          | Left      | Thru       | Right     | App. Total | Peds/Bikes | U-Turn                  | Left       | Thru       | Right     | App. Total | Peds/Bikes | U-Turn          | Left       | Thru       | Right      | App. Total | Peds/Bikes | U-Turn                  | Left      | Thru       | Right     | App. Total | Peds/Bikes |                 |                     |
| 15:45                | 1               | 11        | 126        | 10        | 148        | 1          | --                      | 40         | 43         | 8         | 91         | --         | 1               | 27         | 155        | 30         | 213        | 1          | --                      | 19        | 28         | 19        | 66         | 1          | 518             | 3                   |
| 16:00                | 1               | 13        | 107        | 7         | 128        | --         | --                      | 37         | 56         | 16        | 109        | 1          | 1               | 20         | 157        | 24         | 202        | --         | --                      | 26        | 34         | 20        | 80         | --         | 519             | 1                   |
| 16:15                | --              | 18        | 123        | 13        | 154        | 1          | --                      | 31         | 40         | 11        | 82         | 2          | --              | 37         | 140        | 25         | 202        | --         | --                      | 20        | 34         | 19        | 73         | 2          | 511             | 5                   |
| 16:30                | 1               | 11        | 102        | 6         | 120        | --         | --                      | 38         | 43         | 12        | 93         | --         | 1               | 27         | 133        | 24         | 185        | --         | --                      | 23        | 31         | 21        | 75         | 1          | 473             | 1                   |
| <b>Hour Total</b>    | <b>3</b>        | <b>53</b> | <b>458</b> | <b>36</b> | <b>550</b> | <b>2</b>   | <b>--</b>               | <b>146</b> | <b>182</b> | <b>47</b> | <b>375</b> | <b>3</b>   | <b>3</b>        | <b>111</b> | <b>585</b> | <b>103</b> | <b>802</b> | <b>1</b>   | <b>--</b>               | <b>88</b> | <b>127</b> | <b>79</b> | <b>294</b> | <b>4</b>   | <b>2021</b>     | <b>10</b>           |
| % of App.            | 0.5%            | 9.6%      | 83.3%      | 6.5%      |            |            | 0.0%                    | 38.9%      | 48.5%      | 12.5%     |            |            | 0.4%            | 13.8%      | 72.9%      | 12.8%      |            |            | 0.0%                    | 29.9%     | 43.2%      | 26.9%     |            |            |                 |                     |
| % of Total           | 0.1%            | 2.6%      | 22.7%      | 1.8%      | 27.2%      | 20.0%      | 0.0%                    | 7.2%       | 9.0%       | 2.3%      | 18.6%      | 30.0%      | 0.1%            | 5.5%       | 28.9%      | 5.1%       | 39.7%      | 10.0%      | 0.0%                    | 4.4%      | 6.3%       | 3.9%      | 14.5%      | 40.0%      |                 |                     |
| Cars Total           | 3               | 53        | 455        | 36        | 547        | 1          | --                      | 146        | 181        | 47        | 374        | 3          | 3               | 110        | 582        | 103        | 798        | --         | --                      | 86        | 126        | 79        | 291        | 3          | 2010            | 7                   |
| Cars % of Movement   | 100%            | 100%      | 99.3%      | 100%      | 99.5%      | 14.3%      | 0.0%                    | 100%       | 99.5%      | 100%      | 99.7%      | 42.9%      | 100%            | 99.1%      | 99.5%      | 100%       | 99.5%      | 0.0%       | 0.0%                    | 97.7%     | 99.2%      | 100%      | 99.0%      | 42.9%      | 99.5%           |                     |
| Trucks Total         | --              | --        | 3          | --        | 3          | 1          | --                      | --         | 1          | --        | 1          | --         | --              | 1          | 3          | --         | 4          | 1          | --                      | 2         | 1          | --        | 3          | 1          | 11              | 3                   |
| Trucks % of Movement | 0.0%            | 0.0%      | 0.7%       | 0.0%      | 0.5%       | 33.3%      | 0.0%                    | 0.0%       | 0.5%       | 0.0%      | 0.3%       | 0.0%       | 0.0%            | 0.9%       | 0.5%       | 0.0%       | 0.5%       | 33.3%      | 0.0%                    | 2.3%      | 0.8%       | 0.0%      | 1.0%       | 33.3%      | 0.5%            |                     |

