

**Table D.3-1  
Manhattan Priority Bus Lanes**

| Location  | Description  |
|---|--|
| First Avenue  | The priority bus lane operates between 34 <sup>th</sup> and 96 <sup>th</sup> Streets during the hours of 4-7 PM.   |
| Second Avenue   | The priority bus lane operates between 96 <sup>th</sup> and 72 <sup>nd</sup> Streets during the hours of 7-10 AM and between 72 <sup>nd</sup> and 14 <sup>th</sup> Streets during the hours of 7-10 AM and 4-7 PM.                   |
| Third Avenue  | The priority bus lane operates between 36 <sup>th</sup> and 58 <sup>th</sup> Streets during the hours of 7 AM - 7 PM.  |
| Lexington Avenue  | The priority bus lanes operate between 60 <sup>th</sup> and 47 <sup>th</sup> Streets during the hours of 7 AM to 7 PM and between 47 <sup>th</sup> and 30 <sup>th</sup> Streets during the hours of 7 AM to 1 PM.                    |
| Madison Avenue  | The priority bus lanes (i.e., dual bus lanes) operate between 42 <sup>nd</sup> and 59 <sup>th</sup> Streets during the hours of 2-7 PM.  |
| Fifth Avenue  | The priority bus lane operates between 59 <sup>th</sup> and 34 <sup>th</sup> Streets from 7 AM - 7 PM (dual bus lanes) and between 86 <sup>th</sup> and 59 <sup>th</sup> Street.   |
| Broadway  | The priority bus lanes operate between Warren Street and Battery Place from 7-10 AM and 4-7 PM.  |
| 42 <sup>nd</sup> Street   | Priority bus lanes operate between Third and Eighth Avenues in both the east- and westbound directions from 7-10 AM and 4-7 PM.  |
| 49 <sup>th</sup> Street   | 49 <sup>th</sup> Street operates as a Transitway between Lexington and Eighth Avenues during the hours of 8 AM - 6 PM.   |
| 50 <sup>th</sup> Street   | 50 <sup>th</sup> Street operates as a Transitway between Eighth and Third Avenues during the hours of 8 AM - 6 PM.   |
| 57 <sup>th</sup> Street   | The eastbound priority bus lane operates between Sixth and Second Avenues during the hours of 7-10 AM and 4-7 PM. The westbound priority bus lane operates between Second and Eighth Avenues during the hours of 7-10 AM and 4-7 PM. |
| <b>Notes:</b> <ol style="list-style-type: none"> <li>1. On-street bus lanes are located in the right curb lane unless otherwise indicated.</li> <li>2. Only buses and right turning vehicles are permitted to use on-street bus lanes unless otherwise indicated.</li> <li>3. Priority lanes operate non-holiday weekdays unless otherwise indicated.</li> <li>4. Transitways are dedicated to buses and taxis during specific hours of the day.</li> </ol> |  |
| <b>Source:</b> NYCDOT, Bureau of Surface Transit, January 2001  |  |

**Table D.3-2**

**NYCT Local Bus Routes AM Peak Hour Ridership and Capacity Utilization**

| Routes   | Scheduled Trips | Scheduled Passenger Capacity | Total Riders | Riders Per Trip | Per Trip Load Guidelines | Service Capacity Rating (percent) |
|--|-----------------|------------------------------|--------------|-----------------|--------------------------|-----------------------------------|
| <b>North-South Routes</b>  |                 |                              |              |                 |                          |                                   |
| M1: Fifth/Madison Aves.  | 13              | 780                          | 600          | 46.0            | 60                       | 77%                               |
| M2: Fifth/Madison Aves./Powell Blvd.   | 10              | 580                          | 529          | 52.9            | 58                       | 91%                               |
| M3: Fifth/Madison/St. Nicholas Aves.   | 7               | 378                          | 317          | 45.3            | 54                       | 84%                               |
| M4: Fifth/Madison Aves./Broadway   | 19              | 1,140                        | 1,003        | 52.8            | 60                       | 88%                               |
| M5: Fifth Ave./Ave. of Americas/Riverside Dr.  | 11              | 660                          | 623          | 56.6            | 60                       | 94%                               |
| M6: Seventh Ave./Broadway/Ave. of Americas   | 4               | 180                          | 114          | 28.5            | 45                       | 63%                               |
| M9: Avenue B/East Broadway   | 7               | 378                          | 258          | 36.9            | 54                       | 68%                               |
| M15: First/Second Aves.  | 39              | 2,340                        | 1,928        | 49.4            | 60                       | 82%                               |
| M31: 57th St./York Ave.  | 27              | 1,620                        | 1,163        | 43.1            | 60                       | 72%                               |
| M98: Washington Heights-Midtown Ltd  | 10              | 580                          | 488          | 48.8            | 58                       | 84%                               |
| M101: Third/Lexington Aves.  | 14              | 840                          | 729          | 52.1            | 60                       | 87%                               |
| M102: Third/Lexington Aves.  | 6               | 312                          | 288          | 48.0            | 60                       | 92%                               |
| M103: Third/Lexington Aves.  | 6               | 312                          | 212          | 35.3            | 60                       | 68%                               |
| M104: Broadway   | 18              | 1,080                        | 620          | 34.4            | 60                       | 57%                               |
| B51: Brooklyn Fulton Mall-Lower Manhattan  | 4               | 188                          | 137          | 34.0            | 47                       | 73%                               |
| Q32: Penn Station-Jackson Heights  | 9               | 495                          | 456          | 50.7            | 55                       | 92%                               |
| <b>East-West Routes</b>  |                 |                              |              |                 |                          |                                   |
| M8: 8th/9th Sts.   | 6               | 312                          | 231          | 38.5            | 52                       | 74%                               |
| M14AD: 14th St./Avenue A/Avenues C/D   | 39              | 2,340                        | 1,845        | 47.3            | 60                       | 79%                               |
| M16/M34: 34th St.  | 14              | 840                          | 695          | 49.6            | 60                       | 83%                               |
| M21: Houston St./Avenue C  | 4               | 180                          | 180          | 45.0            | 45                       | 100%                              |
| M22: Madison/Chambers Sts.   | 8               | 440                          | 312          | 39.0            | 55                       | 71%                               |
| M23: 23rd St.  | 13              | 1,105                        | 746          | 57.4            | 85                       | 68%                               |
| M30: 57th/72nd Sts.  | 9               | 495                          | 460          | 51.1            | 55                       | 93%                               |
| M42: 42nd St./Eighth Ave./Broadway   | 37              | 2,220                        | 1,849        | 50.0            | 60                       | 83%                               |
| M50/M27: 49th/50th Sts.  | 30              | 1,800                        | 1,464        | 48.8            | 60                       | 81%                               |
| M57: 57th St.  | 7               | 378                          | 329          | 47.0            | 54                       | 87%                               |
| M60: 125th St./Broadway  | 5               | 240                          | 225          | 45.0            | 48                       | 94%                               |
| M66: 66th St./67th Sts.  | 12              | 720                          | 633          | 52.8            | 60                       | 88%                               |
| M72: 72nd St.  | 5               | 240                          | 229          | 45.8            | 48                       | 95%                               |
| M79: 79th St.  | 18              | 1,530                        | 1,341        | 74.5            | 85                       | 88%                               |
| M86: 86th St.  | 20              | 1,700                        | 1,506        | 75.3            | 85                       | 89%                               |
| M96: 96th St.  | 20              | 1,200                        | 1,078        | 53.9            | 60                       | 90%                               |
| M100: 125th St./Amsterdam Ave.   | 6               | 312                          | 273          | 46.0            | 52                       | 88%                               |
| M106: 106th/97th Sts.  | 2               | 70                           | 58           | 29.0            | 35                       | 83%                               |
| M116: 116th St.  | 13              | 780                          | 705          | 54.2            | 60                       | 90%                               |
| BX15: 125th St./Willis Ave./Third Ave. Bridges   | 9               | 495                          | 424          | 47.0            | 55                       | 86%                               |
| B39: Williamsburg-Lower East Side/Delancey   | 5               | 260                          | 144          | 29.0            | 52                       | 55%                               |
| <p><b>Note:</b> Per-trip load guidelines vary according to the scheduled frequency of service, the type of route, and the time of day. Ridership demand is based on peak direction at maximum load point.</p> <p><b>Source:</b> 2000 NYCT Bus Route Profiles</p> |                 |                              |              |                 |                          |                                   |

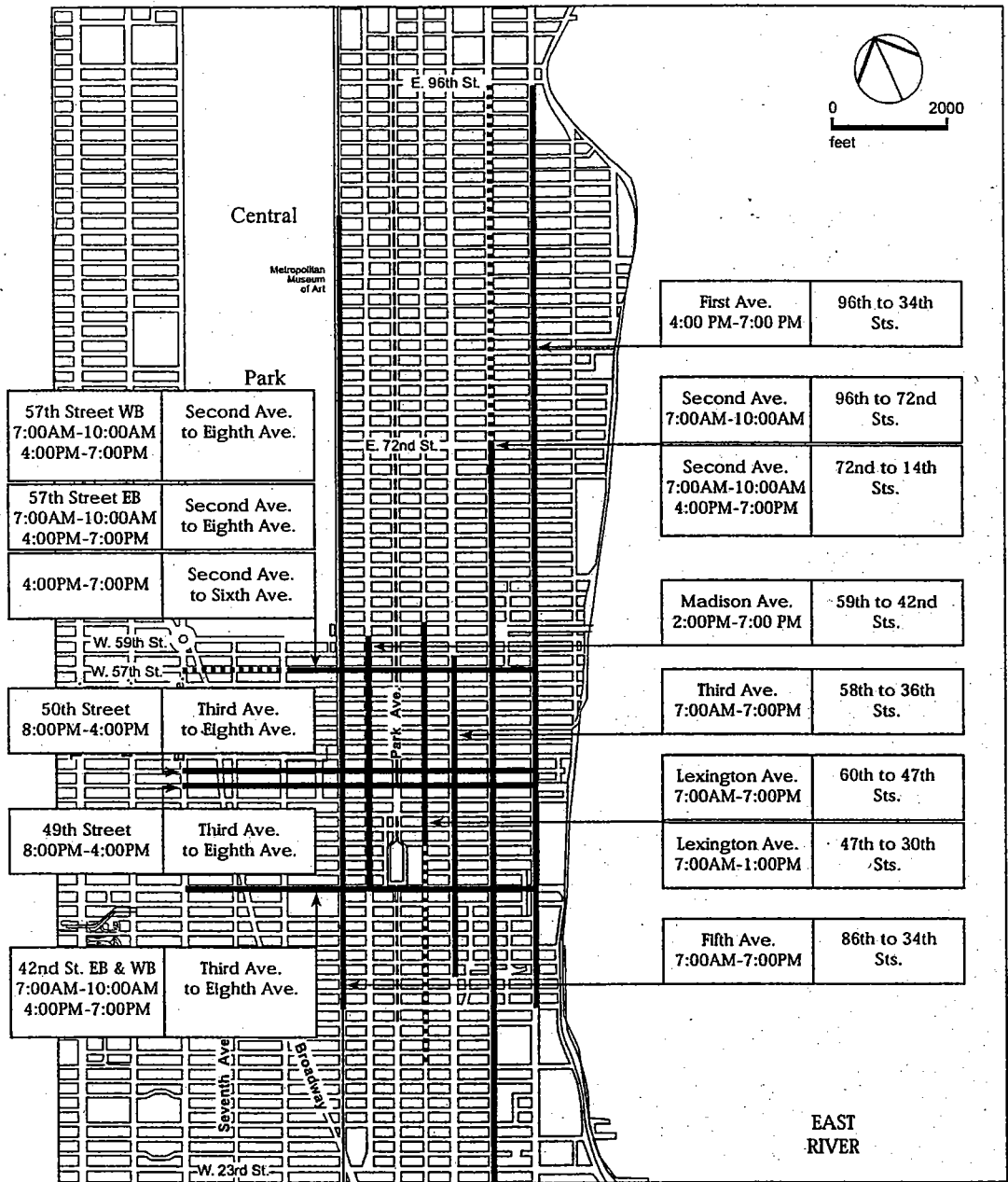
Table D.3-3

## NYCT Local Bus Routes PM Peak Hour Ridership and Capacity Utilization

| Routes   | Scheduled Trips | Scheduled Passenger Capacity | Total Riders | Riders Per Trip | Per Trip Load Guidelines | Service Capacity Rating (percent) |
|--|-----------------|------------------------------|--------------|-----------------|--------------------------|-----------------------------------|
| <b>North-South Routes</b>  |                 |                              |              |                 |                          |                                   |
| M1: Fifth/Madison Aves.  | 17              | 1,020                        | 724          | 43.0            | 60                       | 71%                               |
| M2: Fifth/Madison Aves./Powell Blvd.   | 10              | 580                          | 424          | 42.4            | 58                       | 73%                               |
| M3: Fifth/Madison/St. Nicholas Aves.   | 8               | 440                          | 378          | 47.3            | 55                       | 86%                               |
| M4: Fifth/Madison Aves./Broadway   | 16              | 960                          | 720          | 45.0            | 60                       | 75%                               |
| M5: Fifth Ave./Ave. of Americas/Riverside Dr   | 7               | 378                          | 329          | 47.0            | 54                       | 87%                               |
| M6: Seventh Ave./Broadway/Ave. of  | 7               | 378                          | 265          | 37.9            | 54                       | 70%                               |
| M9: Avenue B/East Broadway   | 5               | 240                          | 180          | 36.0            | 48                       | 75%                               |
| M15: First/Second Aves.  | 25              | 1,500                        | 1,139        | 45.6            | 60                       | 76%                               |
| M31: 57th St./York Ave.  | 14              | 840                          | 539          | 38.5            | 60                       | 64%                               |
| M98: Washington Heights-Midtown Ltd  | 8               | 440                          | 335          | 41.9            | 55                       | 76%                               |
| M101: Third/Lexington Aves.  | 12              | 720                          | 625          | 52.1            | 60                       | 87%                               |
| M102: Third/Lexington Aves.  | 6               | 312                          | 309          | 51.5            | 52                       | 99%                               |
| M103: Third/Lexington Aves.  | 6               | 312                          | 302          | 50.3            | 52                       | 97%                               |
| M104: Broadway   | 20              | 1,200                        | 781          | 39.1            | 60                       | 65%                               |
| B51: Brooklyn Fulton Mall-Lower Manhattan  | 5               | 260                          | 191          | 38.0            | 52                       | 73%                               |
| Q32: Penn Station-Jackson Heights  | 10              | 580                          | 535          | 53.5            | 58                       | 92%                               |
| <b>East-West Routes</b>  |                 |                              |              |                 |                          |                                   |
| M8: 8th/9th Sts.   | 6               | 312                          | 164          | 27.3            | 52                       | 53%                               |
| M14AD: 14th St./Avenue A/Avenues C/D   | 25              | 1,500                        | 1,257        | 50.3            | 60                       | 84%                               |
| M16/M34: 34th St.  | 14              | 840                          | 684          | 48.9            | 60                       | 81%                               |
| M21: Houston St./Avenue C  | 4               | 180                          | 90           | 22.5            | 45                       | 50%                               |
| M22: Madison/Chambers Sts.   | 5               | 240                          | 211          | 42.2            | 48                       | 88%                               |
| M23: 23rd St.  | 11              | 924                          | 662          | 60.2            | 84                       | 72%                               |
| M30: 57th/72nd Sts.  | 5               | 240                          | 192          | 38.4            | 48                       | 80%                               |
| M42: 42nd St./Eighth Ave./Broadway   | 16              | 960                          | 755          | 47.2            | 60                       | 79%                               |
| M50/M27: 49th/50th Sts.  | 14              | 840                          | 548          | 39.1            | 60                       | 65%                               |
| M57: 57th St.  | 7               | 378                          | 317          | 45.3            | 54                       | 84%                               |
| M60: 125th St./Broadway  | 5               | 240                          | 215          | 43.0            | 48                       | 90%                               |
| M66: 66th St./67th Sts.  | 12              | 720                          | 605          | 50.4            | 60                       | 84%                               |
| M72: 72nd St.  | 5               | 240                          | 220          | 44.0            | 48                       | 92%                               |
| M79: 79th St.  | 12              | 1,008                        | 791          | 65.9            | 84                       | 78%                               |
| M86: 86th St.  | 14              | 1,190                        | 949          | 67.8            | 85                       | 80%                               |
| M96: 96th St.  | 14              | 840                          | 798          | 57.0            | 60                       | 95%                               |
| M100: 125th St./Amsterdam Ave.   | 6               | 312                          | 289          | 48.0            | 52                       | 93%                               |
| M106: 106th/97th Sts.  | 2               | 70                           | 43           | 21.5            | 35                       | 61%                               |
| M116: 116th St.  | 12              | 600                          | 544          | 45.3            | 50                       | 91%                               |
| BX15: 125th St./Willis Ave./Third Ave.   | 7               | 378                          | 297          | 42.0            | 54                       | 79%                               |
| B39: Williamsburg-Lower East   | 5               | 260                          | 221          | 44.0            | 52                       | 85%                               |
| <p>Note: Per-trip load guidelines vary according to the scheduled frequency of service, the type of route, and the time of day.<br/>Ridership demand is based on peak direction at maximum load point.</p> <p>Source: 2000 NYCT Bus Route Profiles</p> |                 |                              |              |                 |                          |                                   |

**TABLE D.3-4  
125TH STREET STATION AREA  
2002 EXISTING TRAFFIC LEVELS OF SERVICE**

| INTERSECTION & APPROACH                         | AM PEAK HOUR |     |               |             | PM PEAK HOUR |     |               |             |          |
|---|--------------|-----|---------------|-------------|--------------|-----|---------------|-------------|----------|
|   | Mvt.         | V/C | Control Delay | LOS         | Mvt.         | V/C | Control Delay | LOS         |          |
| <b><u>SIGNALIZED INTERSECTIONS</u></b>          |              |     |               |             |              |     |               |             |          |
| <b>(H1A) FIRST AVENUE at EAST 125th STREET</b>  |              |     |               |             |              |     |               |             |          |
| First Avenue                                    | NB           | LTR | 0.43          | 9.9         | A            | LTR | 0.46          | 10.1        | B        |
|   |              | R   | 0.31          | 9.7         | A            | R   | 0.26          | 9.2         | A        |
| East 125th Street                               | EB           | LT  | 0.57          | 21.7        | C            | LT  | 0.63          | 22.8        | C        |
| <b>Overall Intersection</b>                     | -            |     | <b>0.49</b>   | <b>13.1</b> | <b>B</b>     | -   | <b>0.54</b>   | <b>13.7</b> | <b>B</b> |
| <b>(H2) SECOND AVENUE at EAST 124th STREET</b>  |              |     |               |             |              |     |               |             |          |
| Second Avenue                                   | SB           | LT  | 0.74          | 10.2        | B            | LT  | 0.51          | 8.0         | A        |
| East 124th Street                               | EB           | TR  | 0.77          | 27.9        | C            | TR  | 0.92          | 34.8        | C        |
|   | WB           | L   | 0.43          | 23.8        | C            | L   | 0.60          | 28.5        | C        |
|   |              | R   | 0.15          | 9.5         | A            | R   | 0.25          | 10.4        | B        |
| <b>Overall Intersection</b>                     | -            |     | <b>0.75</b>   | <b>15.5</b> | <b>B</b>     | -   | <b>0.67</b>   | <b>19.5</b> | <b>B</b> |
| <b>(H3) SECOND AVENUE at EAST 125th STREET</b>  |              |     |               |             |              |     |               |             |          |
| Second Avenue                                   | SB           | LTR | 0.74          | 20.7        | C            | LTR | 0.67          | 19.6        | B        |
| Triborough Bridge Ramp                          | SB           | TR  | 0.94          | 53.6        | D            | TR  | 0.55          | 33.1        | C        |
| East 125th Street                               | EB           | TR  | 0.92          | 46.4        | D            | TR  | 0.98          | 53.4        | D        |
|   | WB           | LT  | 0.84          | 47.0        | D            | LT  | 0.42          | 31.1        | C        |
| <b>Overall Intersection</b>                     | -            |     | <b>0.84</b>   | <b>33.7</b> | <b>C</b>     | -   | <b>0.72</b>   | <b>29.9</b> | <b>C</b> |
| <b>(H4) SECOND AVENUE at EAST 126th STREET</b>  |              |     |               |             |              |     |               |             |          |
| Second Avenue                                   | NB           | L   | 0.60          | 36.0        | D            | L   | 0.49          | 36.0        | D        |
|   |              | T   | 0.69          | 12.8        | B            | T   | 0.45          | 7.5         | A        |
|   | SB           | TR  | 0.84          | 25.1        | C            | TR  | 0.98          | 38.6        | D        |
| East 126th Street                               | WB           | LTR | 0.39          | 28.7        | C            | LTR | 0.44          | 29.4        | C        |
| <b>Overall Intersection</b>                     | -            |     | <b>0.65</b>   | <b>24.1</b> | <b>C</b>     | -   | <b>0.67</b>   | <b>29.7</b> | <b>C</b> |
| <b>(H5A) SECOND AVENUE at EAST 127th STREET</b> |              |     |               |             |              |     |               |             |          |
| Second Avenue                                   | NB           | TR  | 0.46          | 8.0         | A            | TR  | 0.57          | 8.7         | A        |
|   | SB           | LT  | 1.01          | 46.6        | D            | LT  | 1.00          | 36.9        | D        |
| East 127th Street                               | EB           | LTR | 0.43          | 22.4        | C            | LTR | 0.81          | 30.5        | C        |
| <b>Overall Intersection</b>                     | -            |     | <b>0.78</b>   | <b>34.4</b> | <b>C</b>     | -   | <b>0.92</b>   | <b>27.7</b> | <b>C</b> |
| <b>(H7) THIRD AVENUE at EAST 124th STREET</b>   |              |     |               |             |              |     |               |             |          |
| Third Avenue                                    | NB           | TR  | 0.50          | 7.9         | A            | TR  | 0.73          | 9.9         | A        |
| East 124th Street                               | EB           | LT  | 0.37          | 21.5        | C            | LT  | 0.54          | 23.6        | C        |
| <b>Overall Intersection</b>                     | -            |     | <b>0.45</b>   | <b>10.7</b> | <b>B</b>     | -   | <b>0.65</b>   | <b>12.9</b> | <b>B</b> |
| <b>(H8) THIRD AVENUE at EAST 125th STREET</b>   |              |     |               |             |              |     |               |             |          |
| Third Avenue                                    | NB           | LTR | 0.30          | 9.0         | A            | LTR | 0.53          | 10.7        | B        |
| East 125th Street                               | EB           | LT  | 0.92          | 39.0        | D            | LT  | 0.67          | 24.1        | C        |
|   | WB           | TR  | 0.56          | 21.7        | C            | TR  | 0.38          | 19.1        | B        |
| <b>Overall Intersection</b>                     | -            |     | <b>0.57</b>   | <b>21.6</b> | <b>C</b>     | -   | <b>0.59</b>   | <b>14.9</b> | <b>B</b> |



|   |                             |
|---|-----------------------------|
| Broadway<br>7:00AM-10:00AM<br>4:00 PM-7:00 PM | Warren St.<br>to Battery Pl |
|---|-----------------------------|

**Legend**

..... Priority Bus Service

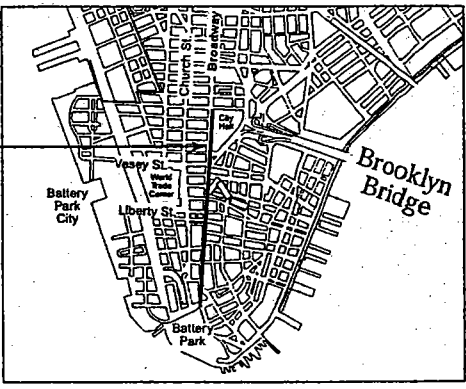


Figure D.3-1  
Priority Bus Lanes

**TABLE D.3-4 CONTINUED  
125TH STREET STATION AREA  
2002 EXISTING TRAFFIC LEVELS OF SERVICE**

| INTERSECTION & APPROACH                            | AM PEAK HOUR |     |             |             |          | PM PEAK HOUR |             |             |          |
|--|--------------|-----|-------------|-------------|----------|--------------|-------------|-------------|----------|
|  | Mvt.         | V/C | Control     |             | LOS      | Mvt.         | V/C         | Control     |          |
|  |              |     | Delay       | LOS         |          |              |             | Delay       | LOS      |
| <b><u>SIGNALIZED INTERSECTIONS</u></b>             |              |     |             |             |          |              |             |             |          |
| <b>(H9) THIRD AVENUE at EAST 126th STREET</b>      |              |     |             |             |          |              |             |             |          |
| Third Avenue                                       | NB           | LT  | 0.18        | 6.1         | A        | LT           | 0.34        | 6.9         | A        |
| East 126th Street                                  | WB           | TR  | 0.59        | 24.8        | C        | TR           | 0.27        | 20.4        | C        |
| <b>Overall Intersection</b>                        | -            |     | <b>0.34</b> | <b>14.9</b> | <b>B</b> | -            | <b>0.31</b> | <b>9.3</b>  | <b>A</b> |
| <b>(H10) THIRD AVENUE at EAST 127th STREET</b>     |              |     |             |             |          |              |             |             |          |
| Third Avenue                                       | NB           | LTR | 0.18        | 6.2         | A        | LTR          | 0.34        | 6.9         | A        |
| <b>Overall Intersection</b>                        | -            |     | <b>0.11</b> | <b>6.2</b>  | <b>A</b> | -            | <b>0.20</b> | <b>6.9</b>  | <b>A</b> |
| <b>(H12) LEXINGTON AVENUE at EAST 124th STREET</b> |              |     |             |             |          |              |             |             |          |
| Lexington Avenue                                   | SB           | LT  | 0.78        | 12.0        | B        | LT           | 0.71        | 10.7        | B        |
| East 124th Street                                  | EB           | TR  | 0.36        | 21.4        | C        | TR           | 0.49        | 22.9        | C        |
| <b>Overall Intersection</b>                        | -            |     | <b>0.62</b> | <b>14.4</b> | <b>B</b> | -            | <b>0.63</b> | <b>15.1</b> | <b>B</b> |
| <b>(H13) LEXINGTON AVENUE at EAST 125th STREET</b> |              |     |             |             |          |              |             |             |          |
| Lexington Avenue                                   | SB           | LTR | 0.82        | 16.4        | B        | LTR          | 0.73        | 13.9        | B        |
| East 125th Street                                  | EB           | TR  | 0.80        | 27.9        | C        | TR           | 0.71        | 24.9        | C        |
|  | WB           | LT  | 1.00        | 52.1        | D        | LT           | 0.68        | 24.6        | C        |
| <b>Overall Intersection</b>                        | -            |     | <b>0.90</b> | <b>30.2</b> | <b>C</b> | -            | <b>0.72</b> | <b>20.1</b> | <b>C</b> |
| <b>(H14) LEXINGTON AVENUE at EAST 126th STREET</b> |              |     |             |             |          |              |             |             |          |
| Lexington Avenue                                   | SB           | TR  | 0.78        | 12.2        | B        | TR           | 0.71        | 10.7        | B        |
| East 126th Street                                  | WB           | LT  | 0.46        | 22.5        | C        | LT           | 0.36        | 21.3        | C        |
| <b>Overall Intersection</b>                        | -            |     | <b>0.66</b> | <b>16.1</b> | <b>B</b> | -            | <b>0.57</b> | <b>14.3</b> | <b>B</b> |
| <b>(H15) LEXINGTON AVENUE at EAST 127th STREET</b> |              |     |             |             |          |              |             |             |          |
| Lexington Avenue                                   | SB           | T   | 0.97        | 36.2        | D        | T            | 0.66        | 9.9         | A        |
| East 127th Street                                  | WB           | L   | 0.17        | 19.9        | B        | L            | 0.15        | 19.7        | B        |
| <b>Overall Intersection</b>                        | -            |     | <b>0.60</b> | <b>35.3</b> | <b>D</b> | -            | <b>0.46</b> | <b>10.5</b> | <b>B</b> |
| <b>(H16) LEXINGTON AVENUE at EAST 128th STREET</b> |              |     |             |             |          |              |             |             |          |
| Lexington Avenue                                   | SB           | LT  | 1.00        | 42.8        | D        | LT           | 0.79        | 12.3        | B        |
| East 128th Street                                  | EB           | TR  | 0.17        | 20.0        | B        | TR           | 0.31        | 21.7        | C        |
| <b>Overall Intersection</b>                        | -            |     | <b>0.61</b> | <b>41.7</b> | <b>D</b> | -            | <b>0.60</b> | <b>13.3</b> | <b>B</b> |
| <b>(H17) LEXINGTON AVENUE at EAST 129th STREET</b> |              |     |             |             |          |              |             |             |          |
| Lexington Avenue                                   | SB           | TR  | 0.64        | 25.4        | C        | TR           | 0.56        | 24.0        | C        |
| East 129th Street                                  | WB           | L   | 0.99        | 73.2        | E        | L            | 0.74        | 20.3        | C        |
|  |              | LT  | 0.98        | 65.4        | E        | LT           | 0.38        | 11.8        | B        |
| <b>Overall Intersection</b>                        | -            |     | <b>0.80</b> | <b>52.1</b> | <b>D</b> | -            | <b>0.67</b> | <b>19.4</b> | <b>B</b> |
| <b>(H18) PARK AVENUE at EAST 124th STREET</b>      |              |     |             |             |          |              |             |             |          |
| Park Avenue  | NB           | TR  | 0.19        | 8.5         | A        | TR           | 0.41        | 9.9         | A        |
|  | SB           | L   | 0.22        | 10.9        | B        | L            | 0.32        | 12.1        | B        |
|  |              | LT  | 1.00        | 40.3        | D        | LT           | 0.59        | 12.2        | B        |
| East 124th Street                                  | EB           | LTR | 0.36        | 19.0        | B        | LTR          | 0.40        | 19.4        | B        |
| <b>Overall Intersection</b>                        | -            |     | <b>0.71</b> | <b>28.1</b> | <b>C</b> | -            | <b>0.51</b> | <b>13.5</b> | <b>B</b> |

**TABLE D.3-4 CONTINUED  
125TH STREET STATION AREA  
2002 EXISTING TRAFFIC LEVELS OF SERVICE**

| INTERSECTION & APPROACH                          | AM PEAK HOUR |     |               |             | PM PEAK HOUR |     |               |             |          |
|--|--------------|-----|---------------|-------------|--------------|-----|---------------|-------------|----------|
|  | Mvt.         | V/C | Control Delay | LOS         | Mvt.         | V/C | Control Delay | LOS         |          |
| <b><u>SIGNALIZED INTERSECTIONS</u></b>           |              |     |               |             |              |     |               |             |          |
| <b>(H19) PARK AVENUE at EAST 125th STREET</b>    |              |     |               |             |              |     |               |             |          |
| Park Avenue                                      | NB           | TR  | 0.19          | 19.6        | B            | TR  | 0.34          | 19.5        | B        |
|  | SB           | TR  | 0.98          | 46.1        | D            | TR  | 0.53          | 25.2        | C        |
| East 125th Street                                | EB           | LT  | 0.77          | 21.5        | C            | LTR | 0.65          | 17.9        | B        |
|  | WB           | LTR | 0.76          | 20.9        | C            | LTR | 0.62          | 17.2        | B        |
| <b>Overall Intersection</b>                      | -            |     | <b>0.85</b>   | <b>30.5</b> | <b>C</b>     | -   | <b>0.60</b>   | <b>19.9</b> | <b>B</b> |
| <b>(H20) PARK AVENUE at EAST 126th STREET</b>    |              |     |               |             |              |     |               |             |          |
| Park Avenue                                      | NB           | LT  | 0.13          | 4.1         | A            | LT  | 0.22          | 4.5         | A        |
|  | SB           | TR  | 0.89          | 28.8        | C            | TR  | 0.33          | 4.9         | A        |
| East 126th Street                                | WB           | LTR | 0.59          | 26.9        | C            | LTR | 0.45          | 25.0        | C        |
| <b>Overall Intersection</b>                      | -            |     | <b>0.76</b>   | <b>25.5</b> | <b>C</b>     | -   | <b>0.37</b>   | <b>12.4</b> | <b>B</b> |
| <b>(H21) MADISON AVENUE at EAST 125th STREET</b> |              |     |               |             |              |     |               |             |          |
| Madison Avenue                                   | NB           | LTR | 0.42          | 13.3        | B            | LTR | 0.55          | 14.4        | B        |
|  | EB           | LT  | 0.87          | 30.0        | C            | LT  | 0.80          | 25.6        | C        |
| East 125th Street                                | WB           | TR  | 0.68          | 21.0        | C            | TR  | 0.50          | 17.7        | B        |
| <b>Overall Intersection</b>                      | -            |     | <b>0.65</b>   | <b>20.6</b> | <b>C</b>     | -   | <b>0.67</b>   | <b>18.1</b> | <b>B</b> |

**TABLE D.3-4 CONTINUED  
125TH STREET STATION AREA  
2002 EXISTING TRAFFIC LEVELS OF SERVICE**

| INTERSECTION & APPROACH  | AM PEAK HOUR |               |             | PM PEAK HOUR |               |             |          |
|--|--------------|---------------|-------------|--------------|---------------|-------------|----------|
|  | Mvt.         | Control Delay | LOS         | Mvt.         | Control Delay | LOS         |          |
| <b>UN SIGNALIZED INTERSECTIONS</b>   |              |               |             |              |               |             |          |
| <b>(H1B) SOUTHBOUND SERVICE ROAD just west of FIRST AVENUE at EAST 125th STREET</b>              |              |               |             |              |               |             |          |
| Service Road   | SB           | R             | 9.5         | A            | R             | 9.0         | A        |
| <b>Overall Intersection</b>  |              |               | <b>9.5</b>  | <b>A</b>     |               | <b>9.0</b>  | <b>A</b> |
| <b>(H5B) SECOND AVENUE CHANNELIZED LEFT TURN RAMP to HARLEM RIVER DRIVE at EAST 127th STREET</b> |              |               |             |              |               |             |          |
| Second Avenue Ramp   | SB           | L             | 25.3        | D            | L             | 43.2        | E        |
| <b>Overall Intersection</b>  |              |               | <b>25.3</b> | <b>D</b>     |               | <b>43.2</b> | <b>E</b> |
| <b>(H6) SECOND AVENUE at EAST 128th STREET</b>   |              |               |             |              |               |             |          |
| Second Avenue  | SB           | T             | 36.2        | E            | T             | 23.1        | C        |
| <b>Overall Intersection</b>  |              |               | <b>36.2</b> | <b>E</b>     |               | <b>23.1</b> | <b>C</b> |
| <b>(H11A) THIRD AVENUE BRIDGE RAMP at EAST 128th STREET</b>                                      |              |               |             |              |               |             |          |
| 128th Street   | EB           | T             | 16.7        | C            | T             | 26.8        | D        |
| <b>Overall Intersection</b>  |              |               | <b>16.7</b> | <b>C</b>     |               | <b>26.8</b> | <b>D</b> |
| <b>(H11B) THIRD AVENUE at EAST 128th STREET</b>  |              |               |             |              |               |             |          |
| Third Avenue   | NB           | R             | 17.5        | C            | R             | 26.1        | D        |
| <b>Overall Intersection</b>  |              |               | <b>17.5</b> | <b>C</b>     |               | <b>26.1</b> | <b>D</b> |

**Notes**

- (1): Control delay is measured in seconds per vehicle.
- (2): Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.
- (3): Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.
- (4): Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.
- (5): "MVT" references the specific intersection approach lane(s). TR is a combined through-right turn lane(s). TL is a combined through-left turn lane(s), R or L refers to exclusive right- or left- turn movement lane(s), and LTR is a mixed lane(s) that allows for all movement types.