

I – 2020 RTP Priority Network Base LOS Calculations

Scenario Report

Scenario: Base 2020

Command: Base 2020
 Volume: Base 2020
 Geometry: Base 2020
 Impact Fee: Default Impact Fee
 Trip Generation: pm peak
 Trip Distribution: dist
 Paths: Default Paths
 Routes: Default Routes
 Configuration: Default Configuration

Impact Analysis Report
Level Of Service

| Intersection | Base | | Future | | Change in |
|------------------------------|------|-------------|--------|-------------|--------------|
| | Del/ | V/ | Del/ | V/ | |
| | LOS | Veh | LOS | Veh | |
| # 1 170th/TV Highway | F | 89.3 1.154 | F | 89.3 1.154 | + 0.000 D/V |
| # 2 170th/Farmington | F | 88.3 1.139 | F | 88.3 1.139 | + 0.000 D/V |
| # 3 170th/Oak | B | 12.6 0.749 | B | 12.6 0.749 | + 0.000 D/V |
| # 5 170th/Bany | C | 33.6 0.713 | C | 33.6 0.713 | + 0.000 D/V |
| # 6 Bethany/US 26 west ramp | F | 85.9 1.187 | F | 85.9 1.187 | + 0.000 D/V |
| # 7 Bethany/US 26 east ramp | D | 53.8 1.010 | D | 53.8 1.010 | + 0.000 D/V |
| # 8 Bethany/Cornell | D | 54.3 1.016 | D | 54.3 1.016 | + 0.000 D/V |
| # 9 Cornell/US 26 east ramp | C | 23.5 0.857 | C | 23.5 0.857 | + 0.000 D/V |
| # 10 Cornell/US 26 west ramp | D | 53.2 1.012 | D | 53.2 1.012 | + 0.000 D/V |
| # 11 158th/Cornell | D | 39.2 0.968 | D | 39.2 0.968 | + 0.000 D/V |
| # 12 158th/Walker | E | 58.9 1.010 | E | 58.9 1.010 | + 0.000 D/V |
| # 13 143rd/Cornell | E | 55.3 0.901 | E | 55.3 0.901 | + 0.000 D/V |
| # 14 Murray/Cornell | F | 160.8 1.387 | F | 160.8 1.387 | + 0.000 D/V |
| # 15 Barnes/Saltzman/Cornell | F | 193.3 1.420 | F | 193.3 1.420 | + 0.000 D/V |
| # 16 Murray/US 26 west ramp | E | 65.1 1.104 | E | 65.1 1.104 | + 0.000 D/V |
| # 17 Murray/US 26 east ramps | B | 14.6 0.675 | B | 14.6 0.675 | + 0.000 D/V |
| # 18 Murray/Walker | E | 60.9 1.065 | E | 60.9 1.065 | + 0.000 D/V |
| # 19 Murray/Jenkins | E | 75.4 1.153 | E | 75.4 1.153 | + 0.000 D/V |
| # 20 Murray/Farmington | F | 103.6 1.161 | F | 103.6 1.161 | + 0.000 D/V |
| # 21 Murray/6th | C | 34.2 0.984 | C | 34.2 0.984 | + 0.000 D/V |
| # 22 Murray/Allen | F | 120.1 1.274 | F | 120.1 1.274 | + 0.000 D/V |
| # 23 Murray/Brockman/Beard | F | 98.7 1.194 | F | 98.7 1.194 | + 0.000 D/V |
| # 24 Nimbus/Scholls Ferry | E | 65.4 1.071 | E | 65.4 1.071 | + 0.000 D/V |
| # 25 Hall/Scholls Ferry | D | 40.9 0.746 | D | 40.9 0.746 | + 0.000 D/V |
| # 26 Allen/Schools Ferry | D | 50.2 0.950 | D | 50.2 0.950 | + 0.000 D/V |

| Intersection | Base | | Future | | Change in | |
|-------------------------------------|-------------|-------------|-------------|-------------|--------------|-----|
| | Del/ LOS | V/ Veh C | Del/ LOS | V/ Veh C | | |
| # 27 Oleson/Vermont | C | 25.4 0.778 | C | 25.4 0.778 | + 0.000 | D/V |
| # 28 Oleson/Garden Home | D | 49.7 0.999 | D | 49.7 0.999 | + 0.000 | D/V |
| # 29 Cedar Hills/Barnes | F | 105.6 1.224 | F | 105.6 1.224 | + 0.000 | D/V |
| # 30 Cedar Hills/US 26 west ramps | C | 29.9 0.967 | C | 29.9 0.967 | + 0.000 | D/V |
| # 31 Cedar Hills/US 26 east ramps | C | 29.5 0.903 | C | 29.5 0.903 | + 0.000 | D/V |
| # 32 Cedar Hills/Butner | D | 40.2 0.952 | D | 40.2 0.952 | + 0.000 | D/V |
| # 33 Cedar Hills/Walker | F | 134.9 1.337 | F | 134.9 1.337 | + 0.000 | D/V |
| # 34 Cedar Hills/Jenkins | D | 41.8 0.916 | D | 41.8 0.916 | + 0.000 | D/V |
| # 35 Cedar Hills/Hall | D | 35.5 0.895 | D | 35.5 0.895 | + 0.000 | D/V |
| # 36 Cedar Hills/Canyon | D | 37.9 0.947 | D | 37.9 0.947 | + 0.000 | D/V |
| # 37 Cedar Hills/Farmington | D | 53.2 1.077 | D | 53.2 1.077 | + 0.000 | D/V |
| # 38 Hall/Center | C | 25.7 0.682 | C | 25.7 0.682 | + 0.000 | D/V |
| # 39 Hall/Allen | D | 48.6 0.971 | D | 48.6 0.971 | + 0.000 | D/V |
| # 40 Hall/Denney | E | 57.9 1.019 | E | 57.9 1.019 | + 0.000 | D/V |
| # 41 Hall/Greenway | D | 49.9 1.010 | D | 49.9 1.010 | + 0.000 | D/V |
| # 42 Hall/Nimbus | D | 43.9 0.952 | D | 43.9 0.952 | + 0.000 | D/V |
| # 43 125th/Greenway | D | 36.5 0.771 | D | 36.5 0.771 | + 0.000 | D/V |
| # 44 Western/Beaverton Hillsdale | C | 29.4 0.723 | C | 29.4 0.723 | + 0.000 | D/V |
| # 45 Western/Allen | D | 37.2 0.922 | D | 37.2 0.922 | + 0.000 | D/V |
| # 46 Laurelwood/Beaverton Hillsdale | E | 66.7 1.090 | E | 66.7 1.090 | + 0.000 | D/V |
| # 47 Lombard/Farmington | D | 51.6 0.967 | D | 51.6 0.967 | + 0.000 | D/V |
| # 48 114th/Canyon | C | 26.1 0.843 | C | 26.1 0.843 | + 0.000 | D/V |
| # 49 Griffith/Beaverton Hillsdale | C | 30.8 0.756 | C | 30.8 0.756 | + 0.000 | D/V |
| # 50 87th/Canyon | C | 25.0 0.846 | C | 25.0 0.846 | + 0.000 | D/V |
| # 51 Garden Home/84th | D | 33.1 0.000 | D | 33.1 0.000 | + 0.000 | V/C |
| # 52 Garden Home/88th | C | 23.3 0.000 | C | 23.3 0.000 | + 0.000 | V/C |

| Intersection | Base | | Future | | Change in | |
|-------------------------------|-------------|-------------|-------------|-------------|--------------|-----|
| | Del/ LOS | V/ Veh C | Del/ LOS | V/ Veh C | | |
| # 53 158th/Jenkins | E | 78.6 1.102 | E | 78.6 1.102 | + 0.000 | D/V |
| # 54 170th/Merlo | C | 27.8 0.722 | C | 27.8 0.722 | + 0.000 | D/V |
| # 56 TV Highway/Murray | E | 76.0 1.096 | E | 76.0 1.096 | + 0.000 | D/V |
| # 57 Farmington/Hall | C | 28.7 0.905 | C | 28.7 0.905 | + 0.000 | D/V |
| # 58 Canyon/Hall | C | 25.3 0.836 | C | 25.3 0.836 | + 0.000 | D/V |
| # 59 Walker/173rd | D | 36.0 0.862 | D | 36.0 0.862 | + 0.000 | D/V |
| # 60 170th/Baseline | D | 43.5 0.953 | D | 43.5 0.953 | + 0.000 | D/V |
| # 64 Cornell/173rd | F | 119.6 1.241 | F | 119.6 1.241 | + 0.000 | D/V |
| # 66 Scholls Ferry/Cascade | C | 32.9 0.932 | C | 32.9 0.932 | + 0.000 | D/V |
| # 72 Canyon/Watson | C | 22.7 0.842 | C | 22.7 0.842 | + 0.000 | D/V |
| # 73 Farmington/Watson | C | 23.4 0.852 | C | 23.4 0.852 | + 0.000 | D/V |
| # 76 Scholls Ferry/Denney | C | 24.7 0.767 | C | 24.7 0.767 | + 0.000 | D/V |
| # 77 Farmington/Hocken | C | 22.4 0.745 | C | 22.4 0.745 | + 0.000 | D/V |
| # 78 TV Highway/Hocken | D | 49.5 1.026 | D | 49.5 1.026 | + 0.000 | D/V |
| # 81 158th/Blueridge | D | 40.7 0.987 | D | 40.7 0.987 | + 0.000 | D/V |
| # 83 158th/Jay | C | 32.9 0.917 | C | 32.9 0.917 | + 0.000 | D/V |
| # 85 TV Highway/160th | E | 73.8 1.136 | E | 73.8 1.136 | + 0.000 | D/V |
| # 87 Hart/155th | B | 15.8 0.520 | B | 15.8 0.520 | + 0.000 | D/V |
| # 88 Murray/Hart | D | 52.6 1.011 | D | 52.6 1.011 | + 0.000 | D/V |
| # 89 Murray/Scholls Ferry | D | 54.2 0.974 | D | 54.2 0.974 | + 0.000 | D/V |
| # 90 Scholls Ferry/Davies | B | 18.2 0.701 | B | 18.2 0.701 | + 0.000 | D/V |
| # 92 Scholls Ferry/135th | B | 13.4 0.660 | B | 13.4 0.660 | + 0.000 | D/V |
| # 93 Scholls Ferry/125th | E | 63.3 1.051 | E | 63.3 1.051 | + 0.000 | D/V |
| # 94 Scholls Ferry/121st | D | 37.3 0.932 | D | 37.3 0.932 | + 0.000 | D/V |
| # 95 Scholls Ferry/Conestoga | B | 12.7 0.779 | B | 12.7 0.779 | + 0.000 | D/V |
| #102 Scholls Ferry/Laurelwood | F | 129.0 0.000 | F | 129.0 0.000 | + 0.000 | V/C |

| Intersection | Base | | Future | | Change in | |
|-------------------------------------|-------------|-------------|-------------|-------------|--------------|-----|
| | Del/ LOS | V/ Veh | Del/ LOS | V/ Veh | | |
| #103 Canyon/Lombard | D | 44.7 0.950 | D | 44.7 0.950 | + 0.000 | D/V |
| #105 Canyon/117th | C | 25.9 0.762 | C | 25.9 0.762 | + 0.000 | D/V |
| #114 ORE 217 SB Ramp/Canyon | C | 28.4 0.835 | C | 28.4 0.835 | + 0.000 | D/V |
| #115 ORE 217 NB Ramp/Canyon | C | 28.5 0.811 | C | 28.5 0.811 | + 0.000 | D/V |
| #116 ORE 217 SB Ramp/Farmington | C | 33.5 0.891 | C | 33.5 0.891 | + 0.000 | D/V |
| #117 ORE 217 NB Ramp/Farmington | C | 28.5 0.809 | C | 28.5 0.809 | + 0.000 | D/V |
| #118 ORE 217 SB Ramp/Allen | C | 35.0 0.900 | C | 35.0 0.900 | + 0.000 | D/V |
| #119 ORE 217 NB Ramp/Allen | C | 32.4 0.900 | C | 32.4 0.900 | + 0.000 | D/V |
| #120 ORE 217 SB Ramp/Denney | D | 42.7 0.957 | D | 42.7 0.957 | + 0.000 | D/V |
| #121 ORE 217 NB Ramp/Denney | D | 37.0 0.848 | D | 37.0 0.848 | + 0.000 | D/V |
| #122 ORE 217 SB off Ramp/Hall/Casca | E | 76.0 1.106 | E | 76.0 1.106 | + 0.000 | D/V |
| #123 ORE 217 NB on Ramp/Scholls Fer | F | 148.9 1.429 | F | 148.9 1.429 | + 0.000 | D/V |
| #125 ORE 217 NB off Ramp/Scholls Fe | B | 19.6 0.645 | B | 19.6 0.645 | + 0.000 | D/V |
| #129 ORE 217 NB Ramp/Walker | C | 24.1 0.756 | C | 24.1 0.756 | + 0.000 | D/V |
| #130 ORE 217 SB Ramp/Walker | B | 15.9 0.643 | B | 15.9 0.643 | + 0.000 | D/V |
| #131 Scholls Ferry/ORE 217 SB on Ra | C | 32.3 0.741 | C | 32.3 0.741 | + 0.000 | D/V |

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #1 170th/TV Highway

Cycle (sec): 120 Critical Vol./Cap. (X): 1.154
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 89.3
Optimal Cycle: 180 Level Of Service: F

| Approach: | North Bound | | | South Bound | | | East Bound | | | West Bound | | |
|-------------|-------------|---|---|-------------|---|---|------------|---|---|------------|---|---|
| Movement: | L | T | R | L | T | R | L | T | R | L | T | R |
| Control: | Protected | | | Protected | | | Protected | | | Protected | | |
| Rights: | Include | | | Include | | | Ovl | | | Ovl | | |
| Min. Green: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lanes: | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 |

Volume Module:

| | | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Base Vol: | 136 | 342 | 66 | 343 | 615 | 5 | 112 | 1911 | 222 | 521 | 1992 | 372 |
| Growth Adj: | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Initial Bse: | 136 | 342 | 66 | 343 | 615 | 5 | 112 | 1911 | 222 | 521 | 1992 | 372 |
| User Adj: | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| PHF Adj: | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| PHF Volume: | 136 | 342 | 66 | 343 | 615 | 5 | 112 | 1911 | 222 | 521 | 1992 | 372 |
| Reduct Vol: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reduced Vol: | 136 | 342 | 66 | 343 | 615 | 5 | 112 | 1911 | 222 | 521 | 1992 | 372 |
| PCE Adj: | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| MLF Adj: | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Final Vol.: | 136 | 342 | 66 | 343 | 615 | 5 | 112 | 1911 | 222 | 521 | 1992 | 372 |

Saturation Flow Module:

| | | | | | | | | | | | | |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sat/Lane: | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adjustment: | 0.93 | 0.91 | 0.91 | 0.94 | 0.94 | 0.84 | 0.93 | 0.93 | 0.83 | 0.91 | 0.94 | 0.84 |
| Lanes: | 1.00 | 1.68 | 0.32 | 1.00 | 2.00 | 1.00 | 1.00 | 2.00 | 1.00 | 2.00 | 2.00 | 1.00 |
| Final Sat.: | 1769 | 2894 | 559 | 1787 | 3574 | 1599 | 1769 | 3538 | 1583 | 3467 | 3574 | 1599 |

Capacity Analysis Module:

| | | | | | | | | | | | | |
|---------------|-------|------|-------|-------|------|------|-------|------|------|-------|------|------|
| Vol/Sat: | 0.08 | 0.12 | 0.12 | 0.19 | 0.17 | 0.00 | 0.06 | 0.54 | 0.14 | 0.15 | 0.56 | 0.23 |
| Crit Moves: | **** | | | **** | | | **** | | | **** | | |
| Green/Cycle: | 0.08 | 0.10 | 0.10 | 0.17 | 0.19 | 0.19 | 0.06 | 0.47 | 0.55 | 0.13 | 0.54 | 0.70 |
| Volume/Cap: | 0.93 | 1.15 | 1.15 | 1.15 | 0.93 | 0.02 | 1.04 | 1.15 | 0.25 | 1.15 | 1.04 | 0.33 |
| Uniform Del: | 54.7 | 53.9 | 53.9 | 50.0 | 48.1 | 39.9 | 56.3 | 31.9 | 14.1 | 52.2 | 27.8 | 6.9 |
| IncrementDel: | 52.7 | 96.8 | 96.8 | 100.8 | 19.2 | 0.0 | 97.2 | 76.9 | 0.2 | 92.0 | 31.1 | 0.2 |
| Delay Adj: | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Delay/Veh: | 107.4 | 151 | 150.7 | 150.8 | 67.2 | 39.9 | 153.5 | 109 | 14.2 | 144.2 | 58.9 | 7.1 |
| User DelAdj: | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| AdjDel/Veh: | 107.4 | 151 | 150.7 | 150.8 | 67.2 | 39.9 | 153.5 | 109 | 14.2 | 144.2 | 58.9 | 7.1 |
| DesignQueue: | 8 | 21 | 4 | 20 | 35 | 0 | 7 | 78 | 7 | 31 | 71 | 8 |

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #2 170th/Farmington

Cycle (sec): 100 Critical Vol./Cap. (X): 1.139
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 88.3
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing traffic volumes and 11 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for Sat/Lane and 4 rows for Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for Vol/Sat and 11 rows for various performance metrics like Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #3 170th/Oak

Cycle (sec): 100 Critical Vol./Cap. (X): 0.749
Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): 12.6
Optimal Cycle: 57 Level Of Service: B

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing traffic volumes and 11 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for Sat/Lane and 4 rows for Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for Vol/Sat and 11 rows for various performance metrics like Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #5 170th/Bany

Cycle (sec): 100 Critical Vol./Cap. (X): 0.713
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 33.6
Optimal Cycle: 71 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volume and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #6 Bethany/US 26 west ramp

Cycle (sec): 100 Critical Vol./Cap. (X): 1.187
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 85.9
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volume and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #7 Bethany/US 26 east ramp

Cycle (sec): 100 Critical Vol./Cap. (X): 1.010
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 53.8
Optimal Cycle: 180 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #8 Bethany/Cornell

Cycle (sec): 120 Critical Vol./Cap. (X): 1.016
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 54.3
Optimal Cycle: 180 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #9 Cornell/US 26 east ramp

Cycle (sec): 100 Critical Vol./Cap. (X): 0.857
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 23.5
Optimal Cycle: 93 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic flows and 11 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for flows and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for flows and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #10 Cornell/US 26 west ramp

Cycle (sec): 100 Critical Vol./Cap. (X): 1.012
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 53.2
Optimal Cycle: 180 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic flows and 11 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for flows and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for flows and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #11 158th/Cornell

Cycle (sec): 90 Critical Vol./Cap. (X): 0.968
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 39.2
Optimal Cycle: 142 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 11 columns for traffic volume and 11 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 11 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 11 columns for capacity analysis and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #12 158th/Walker

Cycle (sec): 120 Critical Vol./Cap. (X): 1.010
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 58.9
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 11 columns for traffic volume and 11 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 11 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 11 columns for capacity analysis and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #13 I43rd/Cornell

Cycle (sec): 100 Critical Vol./Cap. (X): 0.901
Loss Time (sec): 8 (Y+R = 4 sec) Average Delay (sec/veh): 55.3
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #14 Murray/Cornell

Cycle (sec): 120 Critical Vol./Cap. (X): 1.387
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 160.8
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #15 Barnes/Saltzman/Cornell

Cycle (sec): 100 Critical Vol./Cap. (X): 1.420
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 193.3
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing traffic volumes and 10 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #16 Murray/US 26 west ramp

Cycle (sec): 100 Critical Vol./Cap. (X): 1.104
Loss Time (sec): 8 (Y+R = 4 sec) Average Delay (sec/veh): 65.1
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing traffic volumes and 10 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #17 Murray/US 26 east ramps

Cycle (sec): 100 Critical Vol./Cap. (X): 0.675
Loss Time (sec): 8 (Y+R = 4 sec) Average Delay (sec/veh): 14.6
Optimal Cycle: 45 Level Of Service: B

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic movements and 11 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for movements and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for movements and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #18 Murray/Walker

Cycle (sec): 100 Critical Vol./Cap. (X): 1.065
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 60.9
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic movements and 11 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for movements and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for movements and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #19 Murray/Jenkins

Cycle (sec): 100 Critical Vol./Cap. (X): 1.153
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 75.4
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing traffic volumes and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for Sat/Lane, Adjustment, Lanes, and Final Sat. values.

Capacity Analysis Module:

Table with 12 columns for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncrementDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #20 Murray/Farmington

Cycle (sec): 160 Critical Vol./Cap. (X): 1.161
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 103.6
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing traffic volumes and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for Sat/Lane, Adjustment, Lanes, and Final Sat. values.

Capacity Analysis Module:

Table with 12 columns for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncrementDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #21 Murray/6th

Cycle (sec): 120 Critical Vol./Cap. (X): 0.984
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 34.2
Optimal Cycle: 180 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volumes and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #22 Murray/Allen

Cycle (sec): 120 Critical Vol./Cap. (X): 1.274
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 120.1
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volumes and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #23 Murray/Brockman/Beard

Cycle (sec): 100 Critical Vol./Cap. (X): 1.194
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 98.7
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volumes and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #24 Nimbus/Scholls Ferry

Cycle (sec): 120 Critical Vol./Cap. (X): 1.071
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 65.4
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volumes and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #25 Hall/Scholls Ferry

Cycle (sec): 120 Critical Vol./Cap. (X): 0.746
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 40.9
Optimal Cycle: 80 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing different traffic flows. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module:

Table with 12 columns. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #26 Allen/Schools Ferry

Cycle (sec): 120 Critical Vol./Cap. (X): 0.950
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 50.2
Optimal Cycle: 180 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing different traffic flows. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module:

Table with 12 columns. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #27 Oleson/Vermont

Cycle (sec): 100 Critical Vol./Cap. (X): 0.778
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 25.4
Optimal Cycle: 72 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 12 columns for different traffic movements and 10 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 12 columns for movements and 5 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 12 columns for movements and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #28 Oleson/Garden Home

Cycle (sec): 100 Critical Vol./Cap. (X): 0.999
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 49.7
Optimal Cycle: 177 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 12 columns for different traffic movements and 10 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 12 columns for movements and 5 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 12 columns for movements and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #29 Cedar Hills/Barnes

Cycle (sec): 140 Critical Vol./Cap. (X): 1.224
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 105.6
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing different traffic volumes and 10 rows of adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns and 5 rows showing saturation flow rates and adjustment factors for lanes.

Capacity Analysis Module:

Table with 12 columns and 12 rows showing capacity analysis metrics like Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #30 Cedar Hills/US 26 west ramps

Cycle (sec): 60 Critical Vol./Cap. (X): 0.967
Loss Time (sec): 8 (Y+R = 4 sec) Average Delay (sec/veh): 29.9
Optimal Cycle: 106 Level Of Service: C

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing different traffic volumes and 10 rows of adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns and 5 rows showing saturation flow rates and adjustment factors for lanes.

Capacity Analysis Module:

Table with 12 columns and 12 rows showing capacity analysis metrics like Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #31 Cedar Hills/US 26 east ramps

Cycle (sec): 100 Critical Vol./Cap. (X): 0.903
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 29.5
Optimal Cycle: 111 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic movements and 11 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for movements and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for movements and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #32 Cedar Hills/Butner

Cycle (sec): 100 Critical Vol./Cap. (X): 0.952
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 40.2
Optimal Cycle: 142 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic movements and 11 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for movements and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for movements and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #33 Cedar Hills/Walker

Cycle (sec): 100 Critical Vol./Cap. (X): 1.337
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 134.9
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 11 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 11 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 11 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #34 Cedar Hills/Jenkins

Cycle (sec): 120 Critical Vol./Cap. (X): 0.916
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 41.8
Optimal Cycle: 138 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 11 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 11 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 11 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #35 Cedar Hills/Hall

Cycle (sec): 100 Critical Vol./Cap. (X): 0.895
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 35.5
Optimal Cycle: 114 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table showing traffic volume data for Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module:

Table showing saturation flow data for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table showing capacity analysis data for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #36 Cedar Hills/Canyon

Cycle (sec): 100 Critical Vol./Cap. (X): 0.947
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 37.9
Optimal Cycle: 139 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table showing traffic volume data for Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module:

Table showing saturation flow data for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table showing capacity analysis data for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #37 Cedar Hills/Farmington

Cycle (sec): 100 Critical Vol./Cap. (X): 1.077
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 53.2
Optimal Cycle: 180 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #38 Hall/Center

Cycle (sec): 100 Critical Vol./Cap. (X): 0.682
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 25.7
Optimal Cycle: 57 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #39 Hall/Allen

Cycle (sec): 100 Critical Vol./Cap. (X): 0.971
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 48.6
Optimal Cycle: 154 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for volume metrics (Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, Final Vol) across 4 approaches.

Saturation Flow Module:

Table with 12 columns for saturation flow metrics (Sat/Lane, Adjustment, Lanes, Final Sat) across 4 approaches.

Capacity Analysis Module:

Table with 12 columns for capacity analysis metrics (Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, DesignQueue) across 4 approaches.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #40 Hall/Denney

Cycle (sec): 100 Critical Vol./Cap. (X): 1.019
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 57.9
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for volume metrics (Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, Final Vol) across 4 approaches.

Saturation Flow Module:

Table with 12 columns for saturation flow metrics (Sat/Lane, Adjustment, Lanes, Final Sat) across 4 approaches.

Capacity Analysis Module:

Table with 12 columns for capacity analysis metrics (Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, DesignQueue) across 4 approaches.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #41 Hall/Greenway

Cycle (sec): 120 Critical Vol./Cap. (X): 1.010
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 49.9
Optimal Cycle: 180 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for volume and 12 columns for adjustment factors. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module:

Table with 12 columns for saturation flow. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #42 Hall/Nimbus

Cycle (sec): 100 Critical Vol./Cap. (X): 0.952
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 43.9
Optimal Cycle: 142 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for volume and 12 columns for adjustment factors. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module:

Table with 12 columns for saturation flow. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #43 125th/Greenway

Cycle (sec): 100 Critical Vol./Cap. (X): 0.771
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 36.5
Optimal Cycle: 71 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volumes and 12 columns for adjustment factors (Growth, Initial, User, PHF, Reduct, PCE, MLF, Final).

Saturation Flow Module:

Table with 12 columns for saturation flow values and 12 columns for adjustment factors.

Capacity Analysis Module:

Table with 12 columns for capacity analysis metrics (Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.) and 12 columns for adjustment factors.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #44 Western/Beaverton Hillsdale

Cycle (sec): 120 Critical Vol./Cap. (X): 0.723
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 29.4
Optimal Cycle: 65 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volumes and 12 columns for adjustment factors (Growth, Initial, User, PHF, Reduct, PCE, MLF, Final).

Saturation Flow Module:

Table with 12 columns for saturation flow values and 12 columns for adjustment factors.

Capacity Analysis Module:

Table with 12 columns for capacity analysis metrics (Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.) and 12 columns for adjustment factors.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #45 Western/Allen

Cycle (sec): 100 Critical Vol./Cap. (X): 0.922
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 37.2
Optimal Cycle: 128 Level Of Service: D

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, Lanes, Volume Module, Sat/Lane, Adjustment, Lanes, Final Sat., Capacity Analysis Module.

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Volume Module, Sat/Lane, Adjustment, Lanes, Final Sat., Capacity Analysis Module.

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Sat/Lane, Adjustment, Lanes, Final Sat., Capacity Analysis Module.

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Capacity Analysis Module, Sat/Lane, Adjustment, Lanes, Final Sat., Capacity Analysis Module.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #46 Laurelwood/Beaverton Hillsdale

Cycle (sec): 100 Critical Vol./Cap. (X): 1.090
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 66.7
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, Lanes, Volume Module, Sat/Lane, Adjustment, Lanes, Final Sat., Capacity Analysis Module.

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Volume Module, Sat/Lane, Adjustment, Lanes, Final Sat., Capacity Analysis Module.

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Sat/Lane, Adjustment, Lanes, Final Sat., Capacity Analysis Module.

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Capacity Analysis Module, Sat/Lane, Adjustment, Lanes, Final Sat., Capacity Analysis Module.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #47 Lombard/Farmington

Cycle (sec): 100 Critical Vol./Cap. (X): 0.967
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 51.6
Optimal Cycle: 151 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volumes and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #48 114th/Canyon

Cycle (sec): 100 Critical Vol./Cap. (X): 0.843
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 26.1
Optimal Cycle: 97 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns for traffic volumes and 12 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 12 columns for capacity analysis and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #49 Griffith/Beaverton Hillsdale

Cycle (sec): 100 Critical Vol./Cap. (X): 0.756
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 30.8
Optimal Cycle: 96 Level Of Service: C

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module table with 12 columns and 12 rows showing traffic volume and adjustment factors.

Saturation Flow Module table with 12 columns and 5 rows showing saturation flow and adjustment factors.

Capacity Analysis Module table with 12 columns and 12 rows showing capacity analysis metrics.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #50 87th/Canyon

Cycle (sec): 100 Critical Vol./Cap. (X): 0.846
Loss Time (sec): 8 (Y+R = 4 sec) Average Delay (sec/veh): 25.0
Optimal Cycle: 78 Level Of Service: C

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module table with 12 columns and 12 rows showing traffic volume and adjustment factors.

Saturation Flow Module table with 12 columns and 5 rows showing saturation flow and adjustment factors.

Capacity Analysis Module table with 12 columns and 12 rows showing capacity analysis metrics.

Level Of Service Computation Report
2000 HCM Unsignalized Method (Base Volume Alternative)

Intersection #51 Garden Home/84th

Average Delay (sec/veh): 33.1 Worst Case Level Of Service: D

Table with 4 columns: Approach (North Bound, South Bound, East Bound, West Bound), Movement (L-T-R), Control (Stop Sign, Uncontrolled), Rights (Include), Lanes (0 0 1! 0 0).

Volume Module: Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Final Vol.

Critical Gap Module: Critical Gp, FollowUpTim.

Capacity Module: Cnflct Vol, Potent Cap., Move Cap.

Level Of Service Module: Stopped Del, LOS by Move, Movement, Shared Cap., Shrd StpDel, Shared LOS, ApproachDel, ApproachLOS.

Level Of Service Computation Report
2000 HCM Unsignalized Method (Base Volume Alternative)

Intersection #52 Garden Home/88th

Average Delay (sec/veh): 23.3 Worst Case Level Of Service: C

Table with 4 columns: Approach (North Bound, South Bound, East Bound, West Bound), Movement (L-T-R), Control (Stop Sign, Uncontrolled), Rights (Include), Lanes (0 0 1! 0 0).

Volume Module: Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Final Vol.

Critical Gap Module: Critical Gp, FollowUpTim.

Capacity Module: Cnflct Vol, Potent Cap., Move Cap.

Level Of Service Module: Stopped Del, LOS by Move, Movement, Shared Cap., Shrd StpDel, Shared LOS, ApproachDel, ApproachLOS.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #53 158th/Jenkins

Cycle (sec): 100 Critical Vol./Cap. (X): 1.102
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 78.6
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #54 170th/Merlo

Cycle (sec): 100 Critical Vol./Cap. (X): 0.722
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 27.8
Optimal Cycle: 74 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #56 TV Highway/Murray

Cycle (sec): 120 Critical Vol./Cap. (X): 1.096
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 76.0
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 10 columns for traffic volumes and 10 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 10 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 10 columns for capacity analysis and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #57 Farmington/Hall

Cycle (sec): 100 Critical Vol./Cap. (X): 0.905
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 28.7
Optimal Cycle: 112 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 10 columns for traffic volumes and 10 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 10 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 10 columns for capacity analysis and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #58 Canyon/Hall

Cycle (sec): 100 Critical Vol./Cap. (X): 0.836
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 25.3
Optimal Cycle: 86 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module:

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #59 Walker/173rd

Cycle (sec): 100 Critical Vol./Cap. (X): 0.862
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 36.0
Optimal Cycle: 103 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module:

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #60 170th/Baseline

Cycle (sec): 90 Critical Vol./Cap. (X): 0.953
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 43.5
Optimal Cycle: 131 Level Of Service: D

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing traffic volumes and 10 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for Sat/Lane and Adjustment, and 4 rows for Lanes and Final Sat.

Capacity Analysis Module:

Table with 12 columns for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc., and 10 rows of capacity analysis data.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #64 Cornell/173rd

Cycle (sec): 110 Critical Vol./Cap. (X): 1.241
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 119.6
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 12 columns representing traffic volumes and 10 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 12 columns for Sat/Lane and Adjustment, and 4 rows for Lanes and Final Sat.

Capacity Analysis Module:

Table with 12 columns for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc., and 10 rows of capacity analysis data.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #66 Scholls Ferry/Cascade

Cycle (sec): 100 Critical Vol./Cap. (X): 0.932
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 32.9
Optimal Cycle: 127 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic flows and 10 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module table with 10 columns for different lane configurations and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for different traffic flows and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #72 Canyon/Watson

Cycle (sec): 100 Critical Vol./Cap. (X): 0.842
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 22.7
Optimal Cycle: 88 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic flows and 10 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module table with 10 columns for different lane configurations and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for different traffic flows and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #73 Farmington/Watson

Cycle (sec): 100 Critical Vol./Cap. (X): 0.852
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 23.4
Optimal Cycle: 91 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #76 Scholls Ferry/Denney

Cycle (sec): 100 Critical Vol./Cap. (X): 0.767
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 24.7
Optimal Cycle: 70 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #77 Farmington/Hocken

Cycle (sec): 100 Critical Vol./Cap. (X): 0.745
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 22.4
Optimal Cycle: 66 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #78 TV Highway/Hocken

Cycle (sec): 100 Critical Vol./Cap. (X): 1.026
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 49.5
Optimal Cycle: 180 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #81 158th/Blueridge

Cycle (sec): 100 Critical Vol./Cap. (X): 0.987
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 40.7
Optimal Cycle: 173 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 11 columns representing different traffic movements and 10 rows of adjustment factors (Base Vol, Growth Adj, etc.).

Saturation Flow Module:

Table with 10 columns representing saturation flow factors and 4 rows (Sat/Lane, Adjustment, Lanes, Final Sat.).

Capacity Analysis Module:

Table with 11 columns representing capacity analysis factors and 10 rows (Vol/Sat, Crit Moves, Green/Cycle, etc.).

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #83 158th/Jay

Cycle (sec): 100 Critical Vol./Cap. (X): 0.917
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 32.9
Optimal Cycle: 118 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 11 columns representing different traffic movements and 10 rows of adjustment factors (Base Vol, Growth Adj, etc.).

Saturation Flow Module:

Table with 10 columns representing saturation flow factors and 4 rows (Sat/Lane, Adjustment, Lanes, Final Sat.).

Capacity Analysis Module:

Table with 11 columns representing capacity analysis factors and 10 rows (Vol/Sat, Crit Moves, Green/Cycle, etc.).

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #85 TV Highway/160th

Cycle (sec): 120 Critical Vol./Cap. (X): 1.136
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 73.8
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and 3 rows: Movement, Control, Rights, Min. Green, Lanes.

Volume Module table with 11 columns and 11 rows showing traffic volume and adjustment factors.

Saturation Flow Module table with 11 columns and 4 rows showing saturation flow and adjustment factors.

Capacity Analysis Module table with 11 columns and 11 rows showing capacity and delay metrics.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #87 Hart/155th

Cycle (sec): 110 Critical Vol./Cap. (X): 0.520
Loss Time (sec): 8 (Y+R = 4 sec) Average Delay (sec/veh): 15.8
Optimal Cycle: 33 Level Of Service: B

Table with 4 columns: Approach (North, South, East, West Bound) and 3 rows: Movement, Control, Rights, Min. Green, Lanes.

Volume Module table with 11 columns and 11 rows showing traffic volume and adjustment factors.

Saturation Flow Module table with 11 columns and 4 rows showing saturation flow and adjustment factors.

Capacity Analysis Module table with 11 columns and 11 rows showing capacity and delay metrics.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #88 Murray/Hart

Cycle (sec): 120 Critical Vol./Cap. (X): 1.011
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 52.6
Optimal Cycle: 180 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 11 columns for traffic volumes and 11 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 11 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 11 columns for capacity analysis and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #89 Murray/Scholls Ferry

Cycle (sec): 120 Critical Vol./Cap. (X): 0.974
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 54.2
Optimal Cycle: 180 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 11 columns for traffic volumes and 11 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module:

Table with 11 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 11 columns for capacity analysis and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #90 Scholls Ferry/Davies

Cycle (sec): 100 Critical Vol./Cap. (X): 0.701
Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): 18.2
Optimal Cycle: 76 Level Of Service: B

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 12 columns for different traffic movements and 12 rows for various volume and delay metrics.

Saturation Flow Module table with 12 columns for movements and 5 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 12 columns for movements and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #92 Scholls Ferry/135th

Cycle (sec): 100 Critical Vol./Cap. (X): 0.660
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 13.4
Optimal Cycle: 54 Level Of Service: B

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 12 columns for different traffic movements and 12 rows for various volume and delay metrics.

Saturation Flow Module table with 12 columns for movements and 5 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 12 columns for movements and 12 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #93 Scholls Ferry/125th

Cycle (sec): 120 Critical Vol./Cap. (X): 1.051
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 63.3
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for traffic volumes and 11 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module table with 11 columns for saturation flow rates and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for capacity metrics and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #94 Scholls Ferry/121st

Cycle (sec): 140 Critical Vol./Cap. (X): 0.932
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 37.3
Optimal Cycle: 154 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for traffic volumes and 11 rows for various adjustment factors like Growth Adj, Initial Bse, User Adj, etc.

Saturation Flow Module table with 11 columns for saturation flow rates and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for capacity metrics and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #95 Scholls Ferry/Conestoga

Cycle (sec): 120 Critical Vol./Cap. (X): 0.779
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 12.7
Optimal Cycle: 87 Level Of Service: B

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Lanes, and Volume Module.

Table with 12 columns for traffic flow metrics. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for saturation flow. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for capacity analysis. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncrementDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level of Service Computation Report
2000 HCM Unsignalized Method (Base Volume Alternative)

Intersection #102 Scholls Ferry/Laurelwood

Average Delay (sec/veh): 129.0 Worst Case Level Of Service: F

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Lanes, and Volume Module.

Table with 12 columns for traffic flow metrics. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, Reduct Vol, and Final Vol.

Table with 12 columns for critical gap. Rows include Critical Gap Module, Critical Gp, and FollowUpTim.

Table with 12 columns for capacity module. Rows include Cnflct Vol, Potent Cap., and Move Cap.

Table with 12 columns for level of service module. Rows include Stopped Del, LOS by Move, Movement, Shared Cap., Shrd StpDel, Shared LOS, ApproachDel, and ApproachLOS.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #103 Canyon/Lombard

Cycle (sec): 100 Critical Vol./Cap. (X): 0.950
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 44.7
Optimal Cycle: 140 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 11 columns for traffic volumes and 11 rows for various adjustment factors like Base Vol, Growth Adj, Initial Bse, etc.

Saturation Flow Module:

Table with 11 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 11 columns for capacity analysis and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #105 Canyon/117th

Cycle (sec): 100 Critical Vol./Cap. (X): 0.762
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 25.9
Optimal Cycle: 79 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module:

Table with 11 columns for traffic volumes and 11 rows for various adjustment factors like Base Vol, Growth Adj, Initial Bse, etc.

Saturation Flow Module:

Table with 11 columns for saturation flow and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module:

Table with 11 columns for capacity analysis and 11 rows for Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #114 ORE 217 SB Ramp/Canyon

Cycle (sec): 100 Critical Vol./Cap. (X): 0.835
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 28.4
Optimal Cycle: 86 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 11 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 11 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 11 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #115 ORE 217 NB Ramp/Canyon

Cycle (sec): 100 Critical Vol./Cap. (X): 0.811
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 28.5
Optimal Cycle: 80 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 11 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 11 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 11 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #116 ORE 217 SB Ramp/Farmington

Cycle (sec): 100 Critical Vol./Cap. (X): 0.891
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 33.5
Optimal Cycle: 106 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic movements and 10 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for movements and 5 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for movements and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #117 ORE 217 NB Ramp/Farmington

Cycle (sec): 100 Critical Vol./Cap. (X): 0.809
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 28.5
Optimal Cycle: 79 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic movements and 10 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for movements and 5 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for movements and 10 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #118 ORE 217 SB Ramp/Allen

Cycle (sec): 100 Critical Vol./Cap. (X): 0.900
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 35.0
Optimal Cycle: 110 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #119 ORE 217 NB Ramp/Allen

Cycle (sec): 100 Critical Vol./Cap. (X): 0.900
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 32.4
Optimal Cycle: 110 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #120 ORE 217 SB Ramp/Denney

Cycle (sec): 100 Critical Vol./Cap. (X): 0.957
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 42.7
Optimal Cycle: 145 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #121 ORE 217 NB Ramp/Denney

Cycle (sec): 100 Critical Vol./Cap. (X): 0.848
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 37.0
Optimal Cycle: 90 Level Of Service: D

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #122 ORE 217 SB off Ramp/Hall/Cascade

Cycle (sec): 120 Critical Vol./Cap. (X): 1.106
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 76.0
Optimal Cycle: 180 Level Of Service: E

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different approaches and movements. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module table with 11 columns. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #123 ORE 217 NB on Ramp/Scholls Ferry

Cycle (sec): 100 Critical Vol./Cap. (X): 1.429
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 148.9
Optimal Cycle: 180 Level Of Service: F

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different approaches and movements. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Saturation Flow Module table with 11 columns. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #125 ORE 217 NB off Ramp/Scholls Ferry

Cycle (sec): 100 Critical Vol./Cap. (X): 0.645
Loss Time (sec): 8 (Y+R = 4 sec) Average Delay (sec/veh): 19.6
Optimal Cycle: 42 Level Of Service: B

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level Of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #129 ORE 217 NB Ramp/Walker

Cycle (sec): 80 Critical Vol./Cap. (X): 0.756
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 24.1
Optimal Cycle: 64 Level Of Service: C

Table with 4 columns: Approach (North, South, East, West Bound) and Movement (L, T, R). Rows include Control, Rights, Min. Green, and Lanes.

Table with 12 columns for Volume Module. Rows include Base Vol, Growth Adj, Initial Bse, User Adj, PHF Adj, PHF Volume, Reduct Vol, Reduced Vol, PCE Adj, MLF Adj, and Final Vol.

Table with 12 columns for Saturation Flow Module. Rows include Sat/Lane, Adjustment, Lanes, and Final Sat.

Table with 12 columns for Capacity Analysis Module. Rows include Vol/Sat, Crit Moves, Green/Cycle, Volume/Cap, Uniform Del, IncremntDel, Delay Adj, Delay/Veh, User DelAdj, AdjDel/Veh, and DesignQueue.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #130 ORE 217 SB Ramp/Walker

Cycle (sec): 80 Critical Vol./Cap. (X): 0.643
Loss Time (sec): 12 (Y+R = 4 sec) Average Delay (sec/veh): 15.9
Optimal Cycle: 50 Level Of Service: B

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic flows and 10 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for different traffic flows and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for different traffic flows and 13 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.

Level of Service Computation Report
2000 HCM Operations Method (Base Volume Alternative)

Intersection #131 Scholls Ferry/ORE 217 SB on Ramp

Cycle (sec): 120 Critical Vol./Cap. (X): 0.741
Loss Time (sec): 16 (Y+R = 4 sec) Average Delay (sec/veh): 32.3
Optimal Cycle: 79 Level Of Service: C

Table with 4 columns: North Bound, South Bound, East Bound, West Bound. Rows include Movement, Control, Rights, Min. Green, and Lanes.

Volume Module table with 11 columns for different traffic flows and 10 rows for various adjustment factors like Base Vol, Growth Adj, etc.

Saturation Flow Module table with 11 columns for different traffic flows and 4 rows for Sat/Lane, Adjustment, Lanes, and Final Sat.

Capacity Analysis Module table with 11 columns for different traffic flows and 13 rows for Vol/Sat, Crit Moves, Green/Cycle, etc.