

Report for Village of Ashville, Ohio

Impact Fee Methodology and Costing Report



Korey F. Sarven
12/06/2022

Prepared by:

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www.strand.com

December 2022



Walnut Creek Pike & St Paul Road (South Inte... - TMC

Thu Sep 8, 2022

AM Peak (6:30 AM - 7:30 AM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989524, Location: 39.745071, -82.915819



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | St. Paul Road Eastbound | | | | | Walnut Creek Pike Northbound | | | | | Walnut Creek Pike Southbound | | | | | Int |
|---------------------------------|-------------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|-------|
| | L | R | U | App | Ped* | L | T | U | App | Ped* | T | R | U | App | Ped* | |
| 2022-09-08 6:30AM | 8 | 2 | 0 | 10 | 0 | 3 | 52 | 0 | 55 | 0 | 6 | 2 | 0 | 8 | 0 | 73 |
| 6:45AM | 9 | 1 | 0 | 10 | 0 | 5 | 46 | 0 | 51 | 0 | 13 | 8 | 0 | 21 | 0 | 82 |
| 7:00AM | 3 | 0 | 0 | 3 | 0 | 3 | 40 | 0 | 43 | 0 | 17 | 11 | 0 | 28 | 0 | 74 |
| 7:15AM | 9 | 0 | 0 | 9 | 0 | 6 | 48 | 0 | 54 | 0 | 18 | 9 | 0 | 27 | 0 | 90 |
| Total | 29 | 3 | 0 | 32 | 0 | 17 | 186 | 0 | 203 | 0 | 54 | 30 | 0 | 84 | 0 | 319 |
| % Approach | 90.6% | 9.4% | 0% | - | - | 8.4% | 91.6% | 0% | - | - | 64.3% | 35.7% | 0% | - | - | - |
| % Total | 9.1% | 0.9% | 0% | 10.0% | - | 5.3% | 58.3% | 0% | 63.6% | - | 16.9% | 9.4% | 0% | 26.3% | - | - |
| PHF | 0.806 | 0.375 | - | 0.800 | - | 0.708 | 0.894 | - | 0.923 | - | 0.750 | 0.682 | - | 0.750 | - | 0.886 |
| Lights and Motorcycles | 27 | 3 | 0 | 30 | - | 16 | 181 | 0 | 197 | - | 52 | 27 | 0 | 79 | - | 306 |
| % Lights and Motorcycles | 93.1% | 100% | 0% | 93.8% | - | 94.1% | 97.3% | 0% | 97.0% | - | 96.3% | 90.0% | 0% | 94.0% | - | 95.9% |
| Heavy | 2 | 0 | 0 | 2 | - | 1 | 5 | 0 | 6 | - | 2 | 3 | 0 | 5 | - | 13 |
| % Heavy | 6.9% | 0% | 0% | 6.3% | - | 5.9% | 2.7% | 0% | 3.0% | - | 3.7% | 10.0% | 0% | 6.0% | - | 4.1% |
| Pedestrians | - | - | - | - | 0 | - | - | - | - | 0 | - | - | - | - | - | 0 |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Walnut Creek Pike & St Paul Road (South Inte... - TMC

Thu Sep 8, 2022

AM Peak (6:30 AM - 7:30 AM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989524, Location: 39.745071, -82.915819



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

[N] Walnut Creek Pike

Total: 299

In: 84

Out: 215

30 54

[W] St. Paul Road

Total: 79

In: 32 Out: 47

29 3

Out: 57

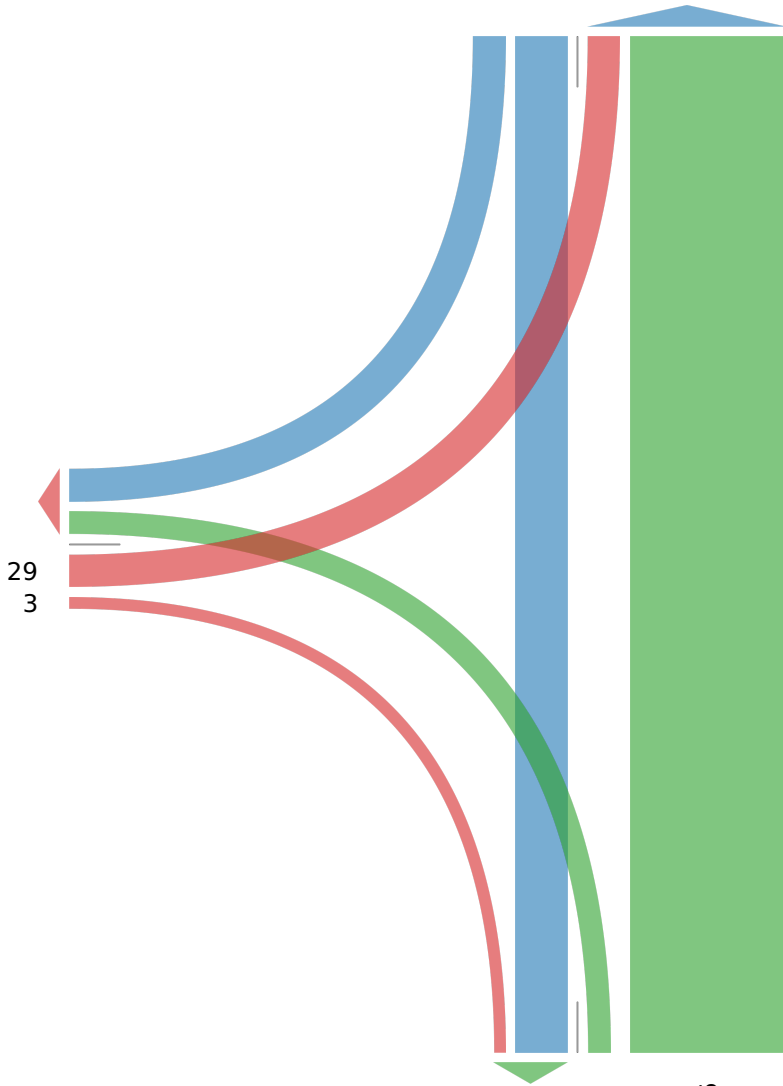
In: 203

Total: 260

[S] Walnut Creek Pike

17

186



Walnut Creek Pike & St Paul Road (South Inte... - TMC

Thu Sep 8, 2022

Midday Peak (1 PM - 2 PM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989524, Location: 39.745071, -82.915819



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | St. Paul Road Eastbound | | | | | Walnut Creek Pike Northbound | | | | | Walnut Creek Pike Southbound | | | | | Int |
|---------------------------------|-------------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|-------|
| | L | R | U | App | Ped* | L | T | U | App | Ped* | T | R | U | App | Ped* | |
| 2022-09-08 1:00PM | 6 | 1 | 0 | 7 | 0 | 0 | 14 | 0 | 14 | 0 | 11 | 3 | 0 | 14 | 0 | 35 |
| 1:15PM | 4 | 1 | 0 | 5 | 0 | 1 | 20 | 0 | 21 | 0 | 22 | 2 | 0 | 24 | 0 | 50 |
| 1:30PM | 3 | 0 | 0 | 3 | 0 | 0 | 9 | 0 | 9 | 0 | 17 | 7 | 0 | 24 | 0 | 36 |
| 1:45PM | 3 | 2 | 0 | 5 | 0 | 2 | 15 | 0 | 17 | 0 | 18 | 3 | 0 | 21 | 0 | 43 |
| Total | 16 | 4 | 0 | 20 | 0 | 3 | 58 | 0 | 61 | 0 | 68 | 15 | 0 | 83 | 0 | 164 |
| % Approach | 80.0% | 20.0% | 0% | - | - | 4.9% | 95.1% | 0% | - | - | 81.9% | 18.1% | 0% | - | - | - |
| % Total | 9.8% | 2.4% | 0% | 12.2% | - | 1.8% | 35.4% | 0% | 37.2% | - | 41.5% | 9.1% | 0% | 50.6% | - | - |
| PHF | 0.667 | 0.500 | - | 0.714 | - | 0.375 | 0.725 | - | 0.726 | - | 0.773 | 0.536 | - | 0.865 | - | 0.820 |
| Lights and Motorcycles | 12 | 4 | 0 | 16 | - | 3 | 54 | 0 | 57 | - | 65 | 14 | 0 | 79 | - | 152 |
| % Lights and Motorcycles | 75.0% | 100% | 0% | 80.0% | - | 100% | 93.1% | 0% | 93.4% | - | 95.6% | 93.3% | 0% | 95.2% | - | 92.7% |
| Heavy | 4 | 0 | 0 | 4 | - | 0 | 4 | 0 | 4 | - | 3 | 1 | 0 | 4 | - | 12 |
| % Heavy | 25.0% | 0% | 0% | 20.0% | - | 0% | 6.9% | 0% | 6.6% | - | 4.4% | 6.7% | 0% | 4.8% | - | 7.3% |
| Pedestrians | - | - | - | - | 0 | - | - | - | - | 0 | - | - | - | - | - | 0 |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Walnut Creek Pike & St Paul Road (South Inte... - TMC

Thu Sep 8, 2022

Midday Peak (1 PM - 2 PM)

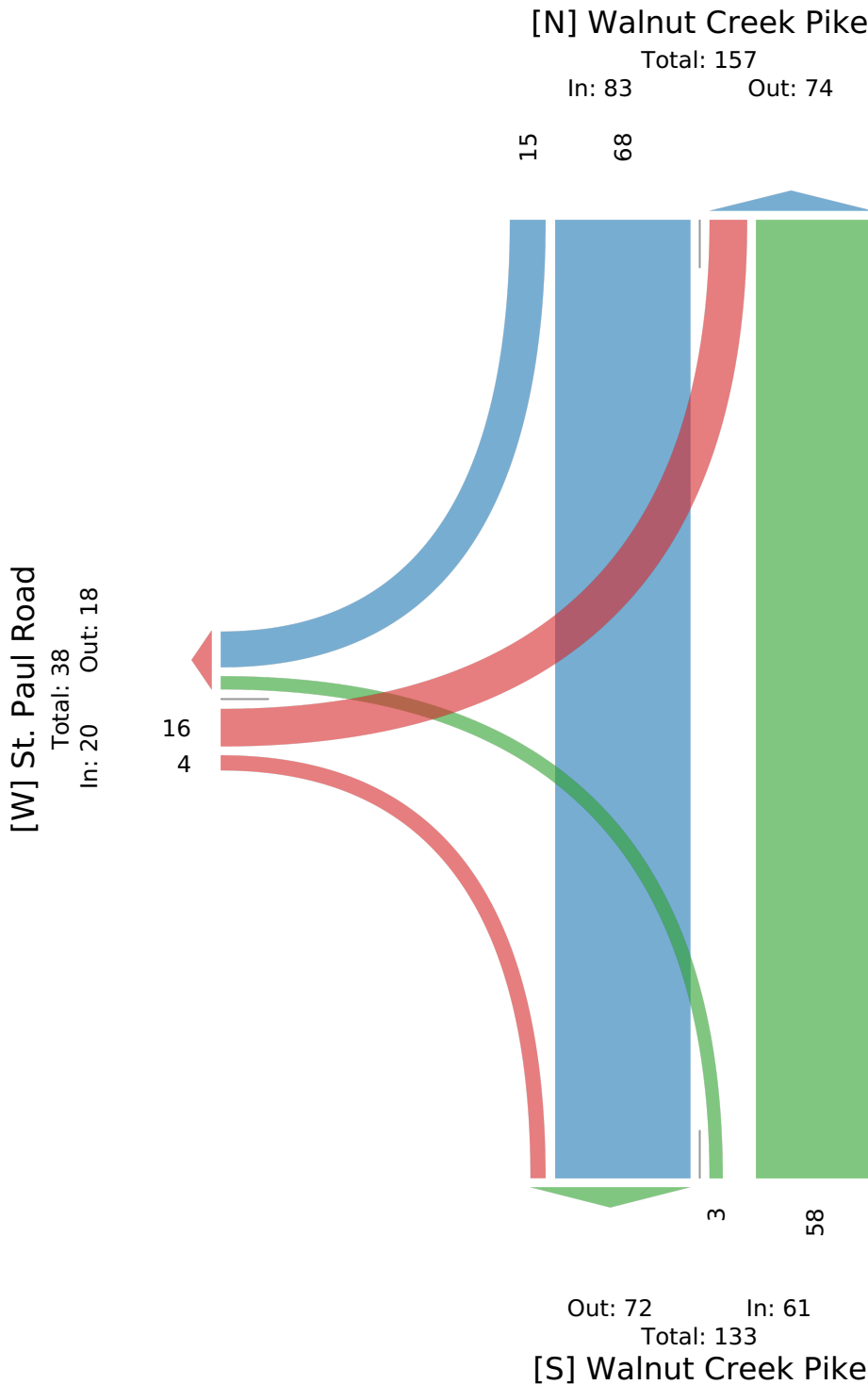
All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989524, Location: 39.745071, -82.915819



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US



Walnut Creek Pike & St Paul Road (South Inte... - TMC

Thu Sep 8, 2022

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989524, Location: 39.745071, -82.915819



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | St. Paul Road Eastbound | | | | | Walnut Creek Pike Northbound | | | | | Walnut Creek Pike Southbound | | | | | Int |
|---------------------------------|-------------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|-------|
| | L | R | U | App | Ped* | L | T | U | App | Ped* | T | R | U | App | Ped* | |
| 2022-09-08 4:15PM | 6 | 6 | 0 | 12 | 0 | 1 | 17 | 0 | 18 | 0 | 67 | 13 | 0 | 80 | 0 | 110 |
| 4:30PM | 5 | 7 | 0 | 12 | 0 | 1 | 20 | 0 | 21 | 0 | 65 | 13 | 0 | 78 | 0 | 111 |
| 4:45PM | 4 | 6 | 0 | 10 | 0 | 3 | 21 | 0 | 24 | 0 | 46 | 17 | 0 | 63 | 0 | 97 |
| 5:00PM | 3 | 2 | 0 | 5 | 0 | 5 | 17 | 0 | 22 | 0 | 56 | 13 | 0 | 69 | 0 | 96 |
| Total | 18 | 21 | 0 | 39 | 0 | 10 | 75 | 0 | 85 | 0 | 234 | 56 | 0 | 290 | 0 | 414 |
| % Approach | 46.2% | 53.8% | 0% | - | - | 11.8% | 88.2% | 0% | - | - | 80.7% | 19.3% | 0% | - | - | - |
| % Total | 4.3% | 5.1% | 0% | 9.4% | - | 2.4% | 18.1% | 0% | 20.5% | - | 56.5% | 13.5% | 0% | 70.0% | - | - |
| PHF | 0.750 | 0.750 | - | 0.813 | - | 0.500 | 0.893 | - | 0.885 | - | 0.873 | 0.824 | - | 0.906 | - | 0.932 |
| Lights and Motorcycles | 18 | 20 | 0 | 38 | - | 9 | 71 | 0 | 80 | - | 229 | 53 | 0 | 282 | - | 400 |
| % Lights and Motorcycles | 100% | 95.2% | 0% | 97.4% | - | 90.0% | 94.7% | 0% | 94.1% | - | 97.9% | 94.6% | 0% | 97.2% | - | 96.6% |
| Heavy | 0 | 1 | 0 | 1 | - | 1 | 4 | 0 | 5 | - | 5 | 3 | 0 | 8 | - | 14 |
| % Heavy | 0% | 4.8% | 0% | 2.6% | - | 10.0% | 5.3% | 0% | 5.9% | - | 2.1% | 5.4% | 0% | 2.8% | - | 3.4% |
| Pedestrians | - | - | - | - | 0 | - | - | - | - | 0 | - | - | - | - | - | 0 |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Walnut Creek Pike & St Paul Road (South Inte... - TMC

Thu Sep 8, 2022

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989524, Location: 39.745071, -82.915819



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

[N] Walnut Creek Pike

Total: 383

In: 290

Out: 93



[W] St. Paul Road

Total: 105

In: 39 Out: 66

Out: 255

In: 85

Total: 340

[S] Walnut Creek Pike

| Leg Direction | Weigand Road Eastbound | | | | | | Weigand Road Westbound | | | | | | Driveways Northbound | | | | | | Bulen Pierce Road Southbound | | | | | | |
|---------------------------------|------------------------|-------|------|----|-------|------|------------------------|-------|-------|----|-------|------|----------------------|----|-------|-------|-------|------|------------------------------|------|-------|----|-------|------|-------|
| Time | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | Int |
| 4:45PM | 0 | 13 | 0 | 0 | 13 | 0 | 0 | 10 | 2 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 2 | 0 | 11 | 0 | 36 |
| Hourly Total | 4 | 47 | 0 | 0 | 51 | 1 | 2 | 48 | 10 | 0 | 60 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 37 | 2 | 3 | 0 | 42 | 1 | 155 |
| 5:00PM | 1 | 17 | 0 | 0 | 18 | 0 | 0 | 7 | 2 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 13 | 0 | 40 |
| 5:15PM | 0 | 10 | 0 | 0 | 10 | 0 | 0 | 9 | 3 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 27 |
| 5:30PM | 0 | 16 | 0 | 0 | 16 | 0 | 0 | 12 | 2 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 1 | 0 | 14 | 0 | 44 |
| 5:45PM | 1 | 8 | 0 | 0 | 9 | 0 | 1 | 5 | 2 | 0 | 8 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 8 | 0 | 2 | 0 | 10 | 0 | 28 |
| Hourly Total | 2 | 51 | 0 | 0 | 53 | 0 | 1 | 33 | 9 | 0 | 43 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 39 | 0 | 3 | 0 | 42 | 0 | 139 |
| Total | 22 | 320 | 1 | 0 | 343 | 1 | 4 | 278 | 65 | 0 | 347 | 1 | 1 | 0 | 4 | 1 | 6 | 1 | 159 | 2 | 31 | 0 | 192 | 2 | 888 |
| % Approach | 6.4% | 93.3% | 0.3% | 0% | - | - | 1.2% | 80.1% | 18.7% | 0% | - | - | 16.7% | 0% | 66.7% | 16.7% | - | - | 82.8% | 1.0% | 16.1% | 0% | - | - | - |
| % Total | 2.5% | 36.0% | 0.1% | 0% | 38.6% | - | 0.5% | 31.3% | 7.3% | 0% | 39.1% | - | 0.1% | 0% | 0.5% | 0.1% | 0.7% | - | 17.9% | 0.2% | 3.5% | 0% | 21.6% | - | - |
| Lights and Motorcycles | 19 | 304 | 1 | 0 | 324 | - | 4 | 267 | 60 | 0 | 331 | - | 1 | 0 | 3 | 1 | 5 | - | 155 | 2 | 26 | 0 | 183 | - | 843 |
| % Lights and Motorcycles | 86.4% | 95.0% | 100% | 0% | 94.5% | - | 100% | 96.0% | 92.3% | 0% | 95.4% | - | 100% | 0% | 75.0% | 100% | 83.3% | - | 97.5% | 100% | 83.9% | 0% | 95.3% | - | 94.9% |
| Heavy | 3 | 16 | 0 | 0 | 19 | - | 0 | 11 | 5 | 0 | 16 | - | 0 | 0 | 1 | 0 | 1 | - | 4 | 0 | 5 | 0 | 9 | - | 45 |
| % Heavy | 13.6% | 5.0% | 0% | 0% | 5.5% | - | 0% | 4.0% | 7.7% | 0% | 4.6% | - | 0% | 0% | 25.0% | 0% | 16.7% | - | 2.5% | 0% | 16.1% | 0% | 4.7% | - | 5.1% |
| Pedestrians | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | 2 | |
| % Pedestrians | - | - | - | - | - | 100% | - | - | - | - | - | 100% | - | - | - | - | - | 100% | - | - | - | - | - | 100% | - |

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Weigand Road & Bulen Pierce Road - TMC

Thu Sep 8, 2022

Full Length (6 AM-6 PM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989527, Location: 39.750357, -82.969653



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

[N] Bulen Pierce Road

Total: 279

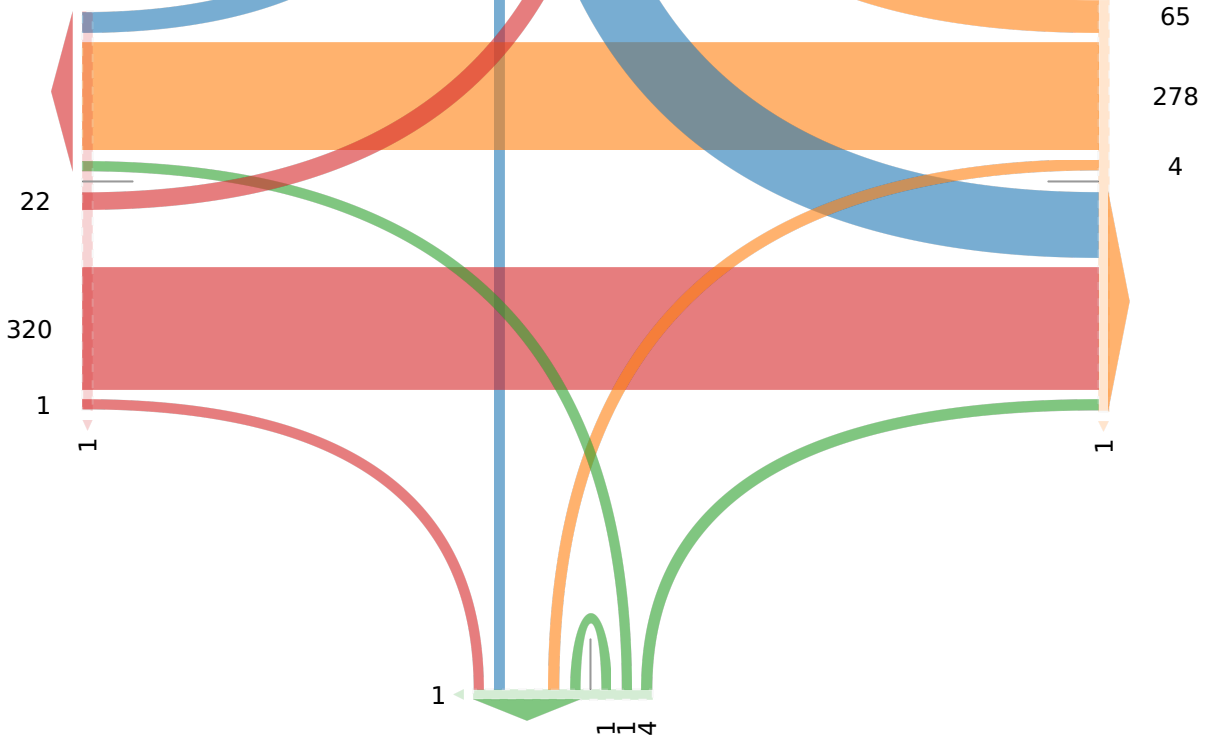
In: 192 Out: 87

31
2
159



[W] Weigand Road

Total: 653
In: 343 Out: 310



65
278
4
Out: 483 In: 347
Total: 830
[E] Weigand Road

Out: 8 In: 6
Total: 14

[S] Driveways

Weigand Road & Bulen Pierce Road - TMC

Thu Sep 8, 2022

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989527, Location: 39.750357, -82.969653



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | Weigand Road Eastbound | | | | | | Weigand Road Westbound | | | | | | Driveways Northbound | | | | | | Bulen Pierce Road Southbound | | | | | | Int |
|---------------------------------|------------------------|-------|----|----|-------|------|------------------------|-------|-------|----|-------|------|----------------------|----|----|----|-----|------|------------------------------|----|-------|----|-------|------|-------|
| | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | |
| 2022-09-08 7:00AM | 0 | 17 | 0 | 0 | 17 | 0 | 0 | 11 | 2 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 33 |
| 7:15AM | 0 | 14 | 0 | 0 | 14 | 0 | 0 | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 29 |
| 7:30AM | 0 | 8 | 0 | 0 | 8 | 0 | 0 | 13 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 23 |
| 7:45AM | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 9 | 1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 5 | 0 | 21 |
| Total | 0 | 45 | 0 | 0 | 45 | 0 | 0 | 43 | 3 | 0 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 2 | 0 | 15 | 0 | 106 |
| % Approach | 0% | 100% | 0% | 0% | - | - | 0% | 93.5% | 6.5% | 0% | - | - | 0% | 0% | 0% | 0% | - | - | 86.7% | 0% | 13.3% | 0% | - | - | - |
| % Total | 0% | 42.5% | 0% | 0% | 42.5% | - | 0% | 40.6% | 2.8% | 0% | 43.4% | - | 0% | 0% | 0% | 0% | 0% | - | 12.3% | 0% | 1.9% | 0% | 14.2% | - | - |
| PHF | - | 0.662 | - | - | 0.662 | - | - | 0.827 | 0.375 | - | 0.885 | - | - | - | - | - | - | - | 0.650 | - | 0.500 | - | 0.750 | - | 0.803 |
| Lights and Motorcycles | 0 | 42 | 0 | 0 | 42 | - | 0 | 42 | 3 | 0 | 45 | - | 0 | 0 | 0 | 0 | 0 | - | 12 | 0 | 2 | 0 | 14 | - | 101 |
| % Lights and Motorcycles | 0% | 93.3% | 0% | 0% | 93.3% | - | 0% | 97.7% | 100% | 0% | 97.8% | - | 0% | 0% | 0% | 0% | - | - | 92.3% | 0% | 100% | 0% | 93.3% | - | 95.3% |
| Heavy | 0 | 3 | 0 | 0 | 3 | - | 0 | 1 | 0 | 0 | 1 | - | 0 | 0 | 0 | 0 | 0 | - | 1 | 0 | 0 | 0 | 1 | - | 5 |
| % Heavy | 0% | 6.7% | 0% | 0% | 6.7% | - | 0% | 2.3% | 0% | 0% | 2.2% | - | 0% | 0% | 0% | 0% | - | - | 7.7% | 0% | 0% | 0% | 6.7% | - | 4.7% |
| Pedestrians | - | - | - | - | - | 0 | - | - | - | - | - | 0 | - | - | - | - | - | 0 | - | - | - | - | - | 0 | - |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Weigand Road & Bulen Pierce Road - TMC

Thu Sep 8, 2022

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989527, Location: 39.750357, -82.969653



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88 W. Church Street, Newark, OH, 43055, US

[N] Bulen Pierce Road

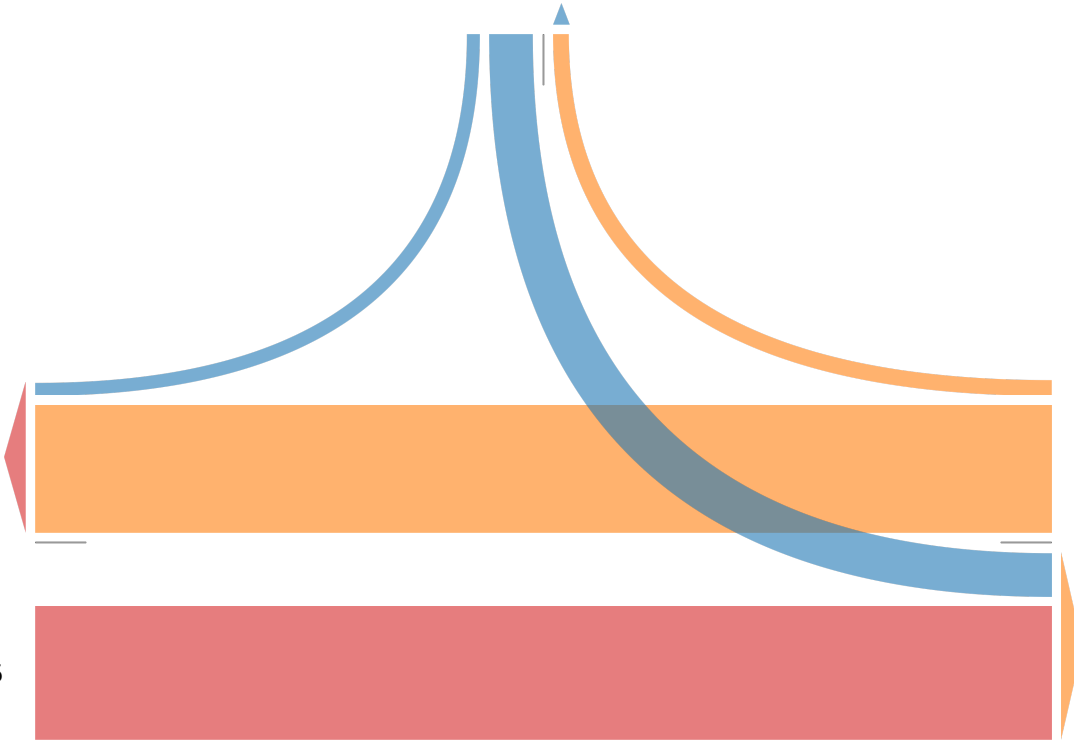
Total: 18

In: 15 Out: 3

2 13

[W] Weigand Road
Total: 90
In: 45 Out: 45

45



3
43
Out: 58 In: 46
Total: 104
[E] Weigand Road

Weigand Road & Bulen Pierce Road - TMC

Thu Sep 8, 2022

Midday Peak (11 AM - 12 PM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989527, Location: 39.750357, -82.969653



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | Weigand Road Eastbound | | | | | | Weigand Road Westbound | | | | | | Driveways Northbound | | | | | | Bulen Pierce Road Southbound | | | | | | |
|---------------------------------|------------------------|-------|----|----|-------|------|------------------------|-------|-------|----|-------|------|----------------------|----|-------|----|-------|------|------------------------------|----|-------|----|-------|------|-------|
| Time | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | Int |
| 2022-09-08 11:00AM | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 8 | 6 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 19 |
| 11:15AM | 1 | 6 | 0 | 0 | 7 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11:30AM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 8 |
| 11:45AM | 1 | 3 | 0 | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 5 | 0 | 1 | 0 | 6 | 0 | 13 |
| Total | 2 | 12 | 0 | 0 | 14 | 0 | 0 | 17 | 7 | 0 | 24 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 9 | 0 | 2 | 0 | 11 | 0 | 50 |
| % Approach | 14.3% | 85.7% | 0% | 0% | - | - | 0% | 70.8% | 29.2% | 0% | - | - | 0% | 0% | 100% | 0% | - | - | 81.8% | 0% | 18.2% | 0% | - | - | - |
| % Total | 4.0% | 24.0% | 0% | 0% | 28.0% | - | 0% | 34.0% | 14.0% | 0% | 48.0% | - | 0% | 0% | 2.0% | 0% | 2.0% | - | 18.0% | 0% | 4.0% | 0% | 22.0% | - | - |
| PHF | 0.500 | 0.500 | - | - | 0.500 | - | - | 0.531 | 0.292 | - | 0.429 | - | - | - | 0.250 | - | 0.250 | - | 0.450 | - | 0.500 | - | 0.458 | - | 0.658 |
| Lights and Motorcycles | 2 | 12 | 0 | 0 | 14 | - | 0 | 13 | 7 | 0 | 20 | - | 0 | 0 | 0 | 0 | 0 | - | 9 | 0 | 2 | 0 | 11 | - | 45 |
| % Lights and Motorcycles | 100% | 100% | 0% | 0% | 100% | - | 0% | 76.5% | 100% | 0% | 83.3% | - | 0% | 0% | 0% | 0% | 0% | - | 100% | 0% | 100% | 0% | 100% | - | 90.0% |
| Heavy | 0 | 0 | 0 | 0 | 0 | - | 0 | 4 | 0 | 0 | 4 | - | 0 | 0 | 1 | 0 | 1 | - | 0 | 0 | 0 | 0 | 0 | - | 5 |
| % Heavy | 0% | 0% | 0% | 0% | 0% | - | 0% | 23.5% | 0% | 0% | 16.7% | - | 0% | 0% | 100% | 0% | 100% | - | 0% | 0% | 0% | 0% | 0% | - | 10.0% |
| Pedestrians | - | - | - | - | - | 0 | - | - | - | - | - | 0 | - | - | - | - | - | 0 | - | - | - | - | - | 0 | - |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Weigand Road & Bulen Pierce Road - TMC

Thu Sep 8, 2022

Midday Peak (11 AM - 12 PM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989527, Location: 39.750357, -82.969653



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

[N] Bulen Pierce Road

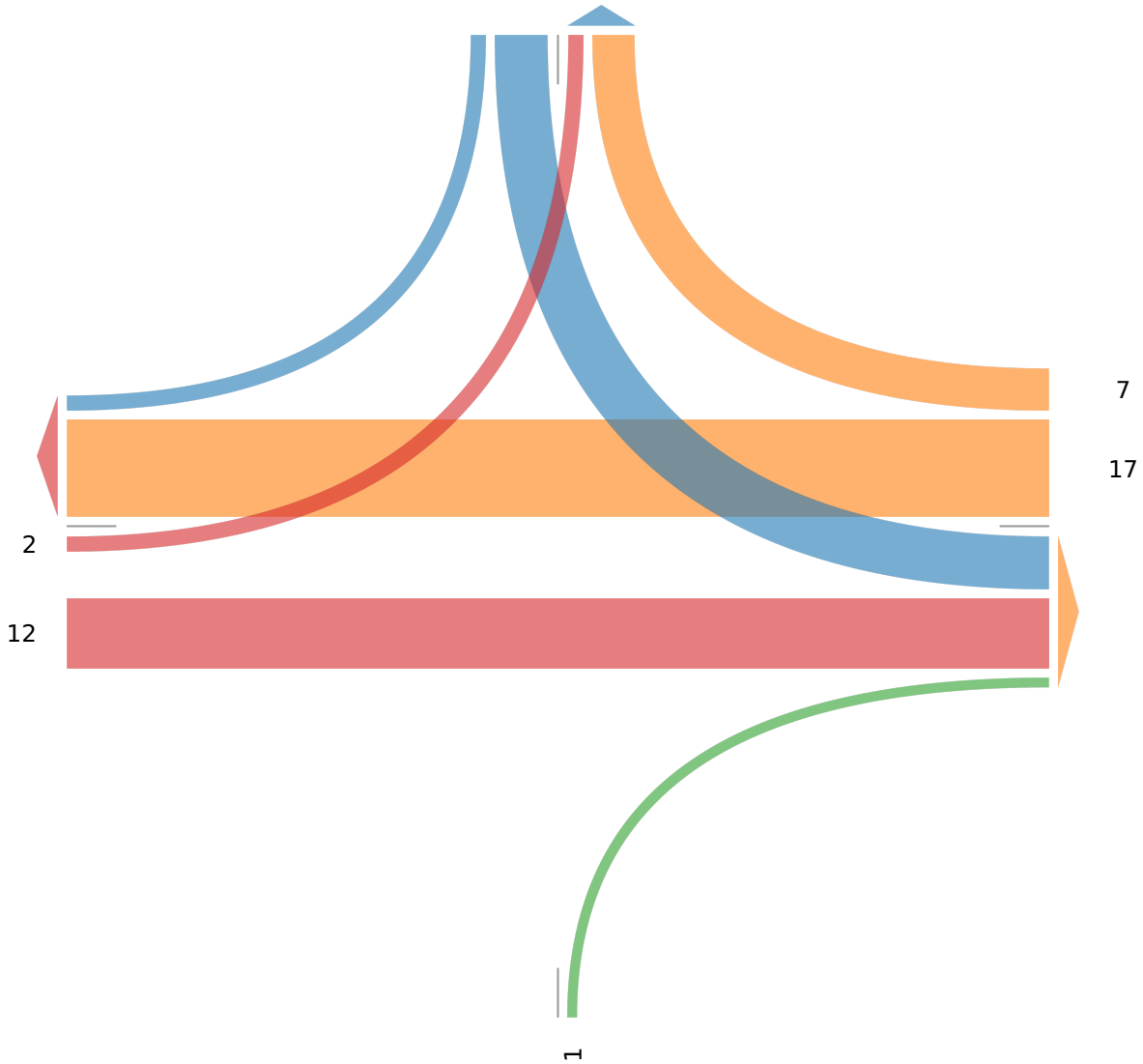
Total: 20

In: 11 Out: 9

2 9

[W] Weigand Road

Total: 33
In: 14 Out: 19



[E] Weigand Road
In: 24
Out: 22
Total: 46

Out: 0 In: 1
Total: 1
[S] Driveways

Weigand Road & Bulen Pierce Road - TMC

Thu Sep 8, 2022

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989527, Location: 39.750357, -82.969653



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | Weigand Road Eastbound | | | | | | Weigand Road Westbound | | | | | | Driveways Northbound | | | | | | Bulen Pierce Road Southbound | | | | | | Int |
|---------------------------------|------------------------|-------|----|----|-------|------|------------------------|-------|-------|----|-------|------|----------------------|----|-------|-------|-------|------|------------------------------|-------|-------|----|-------|------|-------|
| | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | L | T | R | U | App | Ped* | |
| 2022-09-08 4:15PM | 4 | 10 | 0 | 0 | 14 | 0 | 2 | 11 | 3 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 2 | 1 | 0 | 10 | 0 | 40 |
| 4:30PM | 0 | 10 | 0 | 0 | 10 | 0 | 0 | 14 | 3 | 0 | 17 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 13 | 0 | 0 | 0 | 13 | 0 | 42 |
| 4:45PM | 0 | 13 | 0 | 0 | 13 | 0 | 0 | 10 | 2 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 2 | 0 | 11 | 0 | 36 |
| 5:00PM | 1 | 17 | 0 | 0 | 18 | 0 | 0 | 7 | 2 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 13 | 0 | 40 |
| Total | 5 | 50 | 0 | 0 | 55 | 0 | 2 | 42 | 10 | 0 | 54 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 42 | 2 | 3 | 0 | 47 | 0 | 158 |
| % Approach | 9.1% | 90.9% | 0% | 0% | - | - | 3.7% | 77.8% | 18.5% | 0% | - | - | 0% | 0% | 50.0% | 50.0% | - | - | 89.4% | 4.3% | 6.4% | 0% | - | - | - |
| % Total | 3.2% | 31.6% | 0% | 0% | 34.8% | - | 1.3% | 26.6% | 6.3% | 0% | 34.2% | - | 0% | 0% | 0.6% | 0.6% | 1.3% | - | 26.6% | 1.3% | 1.9% | 0% | 29.7% | - | - |
| PHF | 0.313 | 0.735 | - | - | 0.764 | - | 0.250 | 0.750 | 0.833 | - | 0.794 | - | - | - | 0.250 | 0.250 | 0.250 | - | 0.808 | 0.250 | 0.375 | - | 0.904 | - | 0.940 |
| Lights and Motorcycles | 3 | 50 | 0 | 0 | 53 | - | 2 | 42 | 10 | 0 | 54 | - | 0 | 0 | 1 | 1 | 2 | - | 41 | 2 | 3 | 0 | 46 | - | 155 |
| % Lights and Motorcycles | 60.0% | 100% | 0% | 0% | 96.4% | - | 100% | 100% | 100% | 0% | 100% | - | 0% | 0% | 100% | 100% | 100% | - | 97.6% | 100% | 100% | 0% | 97.9% | - | 98.1% |
| Heavy | 2 | 0 | 0 | 0 | 2 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 1 | 0 | 0 | 0 | 1 | - | 3 |
| % Heavy | 40.0% | 0% | 0% | 0% | 3.6% | - | 0% | 0% | 0% | 0% | 0% | - | 0% | 0% | 0% | 0% | 0% | - | 2.4% | 0% | 0% | 0% | 2.1% | - | 1.9% |
| Pedestrians | - | - | - | - | - | 0 | - | - | - | - | - | 0 | - | - | - | - | - | 0 | - | - | - | - | - | 0 | - |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Weigand Road & Bulen Pierce Road - TMC

Thu Sep 8, 2022

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989527, Location: 39.750357, -82.969653



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

[N] Bulen Pierce Road

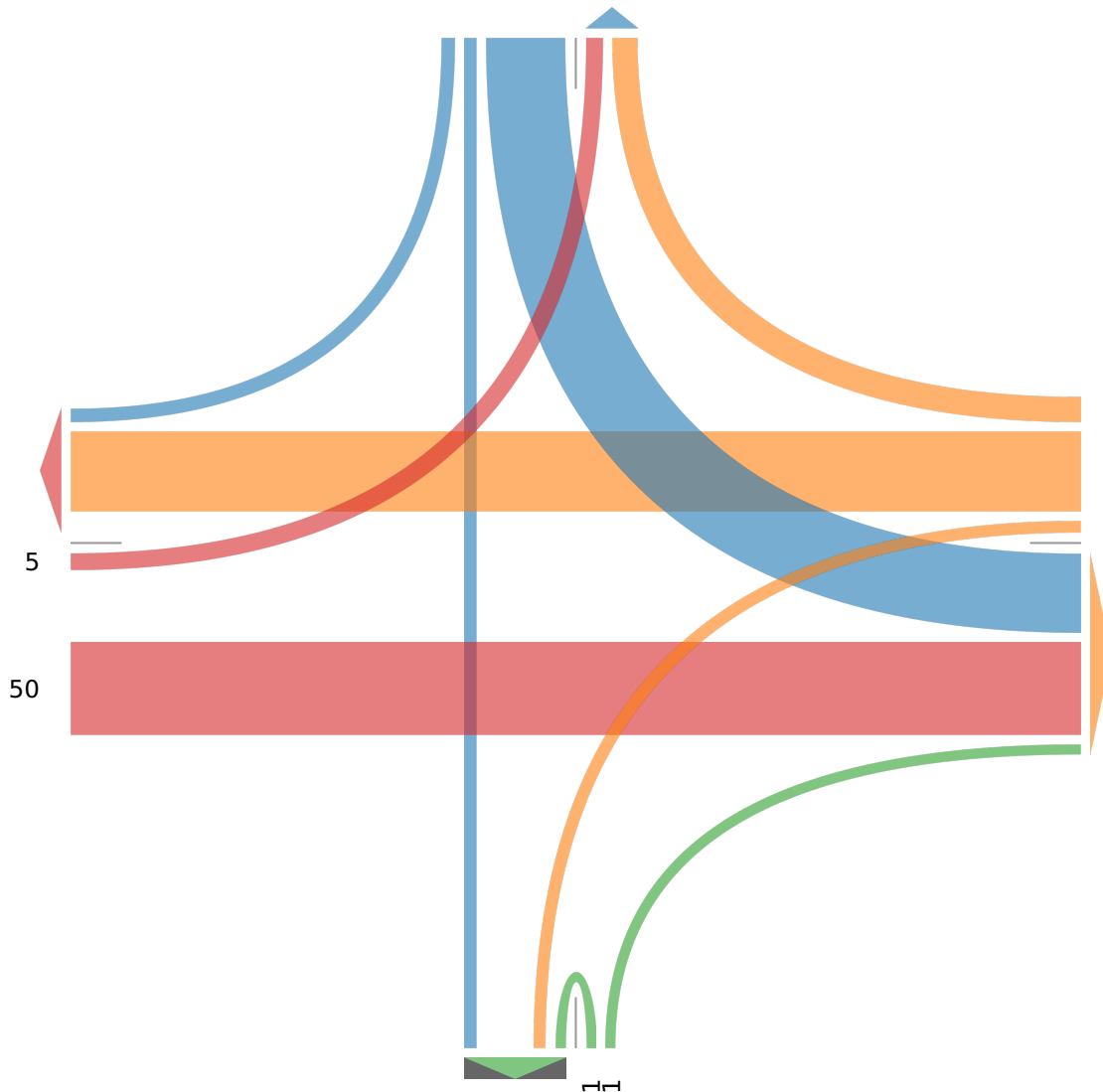
Total: 62

In: 47 Out: 15

3 2 42

[W] Weigand Road

Total: 100
In: 55 Out: 45



10
42
2
Out: 93 In: 54
Total: 147
[E] Weigand Road

Out: 5 In: 2
Total: 7
[S] Driveways

Walnut Creek Pike & Duvall Road (North Inter... - TMC

Thu Sep 8, 2022

Full Length (6 AM-6 PM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989477, Location: 39.769946, -82.911671



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | Duvall Road Eastbound | | | | | Walnut Creek Pike Northbound | | | | | Walnut Creek Pike Southbound | | | | | Int |
|-------------------|-----------------------|-----|---|-----|------|------------------------------|-----|---|-----|------|------------------------------|----|---|-----|------|-----|
| | L | R | U | App | Ped* | L | T | U | App | Ped* | T | R | U | App | Ped* | |
| 2022-09-08 6:00AM | 6 | 3 | 0 | 9 | 0 | 21 | 24 | 0 | 45 | 0 | 8 | 8 | 0 | 16 | 0 | 70 |
| 6:15AM | 10 | 5 | 0 | 15 | 0 | 26 | 40 | 0 | 66 | 0 | 8 | 11 | 0 | 19 | 0 | 100 |
| 6:30AM | 5 | 3 | 0 | 8 | 0 | 32 | 47 | 0 | 79 | 0 | 9 | 17 | 0 | 26 | 0 | 113 |
| 6:45AM | 6 | 9 | 0 | 15 | 0 | 39 | 37 | 0 | 76 | 0 | 10 | 15 | 0 | 25 | 0 | 116 |
| Hourly Total | 27 | 20 | 0 | 47 | 0 | 118 | 148 | 0 | 266 | 0 | 35 | 51 | 0 | 86 | 0 | 399 |
| 7:00AM | 6 | 9 | 0 | 15 | 0 | 27 | 30 | 0 | 57 | 0 | 12 | 11 | 0 | 23 | 0 | 95 |
| 7:15AM | 5 | 7 | 0 | 12 | 0 | 34 | 41 | 0 | 75 | 0 | 17 | 13 | 0 | 30 | 0 | 117 |
| 7:30AM | 12 | 5 | 0 | 17 | 0 | 24 | 44 | 0 | 68 | 0 | 3 | 11 | 0 | 14 | 0 | 99 |
| 7:45AM | 12 | 9 | 0 | 21 | 0 | 19 | 31 | 0 | 50 | 0 | 11 | 8 | 0 | 19 | 0 | 90 |
| Hourly Total | 35 | 30 | 0 | 65 | 0 | 104 | 146 | 0 | 250 | 0 | 43 | 43 | 0 | 86 | 0 | 401 |
| 8:00AM | 9 | 5 | 0 | 14 | 0 | 16 | 21 | 0 | 37 | 0 | 11 | 3 | 0 | 14 | 0 | 65 |
| 8:15AM | 7 | 8 | 0 | 15 | 0 | 13 | 20 | 0 | 33 | 0 | 8 | 4 | 0 | 12 | 0 | 60 |
| 8:30AM | 8 | 6 | 0 | 14 | 0 | 17 | 21 | 0 | 38 | 0 | 12 | 9 | 0 | 21 | 0 | 73 |
| 8:45AM | 3 | 7 | 0 | 10 | 0 | 9 | 14 | 0 | 23 | 0 | 7 | 9 | 0 | 16 | 0 | 49 |
| Hourly Total | 27 | 26 | 0 | 53 | 0 | 55 | 76 | 0 | 131 | 0 | 38 | 25 | 0 | 63 | 0 | 247 |
| 9:00AM | 11 | 3 | 0 | 14 | 0 | 7 | 18 | 0 | 25 | 0 | 8 | 5 | 0 | 13 | 0 | 52 |
| 9:15AM | 6 | 6 | 0 | 12 | 0 | 7 | 15 | 0 | 22 | 0 | 4 | 8 | 0 | 12 | 0 | 46 |
| 9:30AM | 2 | 8 | 0 | 10 | 0 | 13 | 12 | 0 | 25 | 0 | 6 | 7 | 0 | 13 | 0 | 48 |
| 9:45AM | 10 | 7 | 0 | 17 | 0 | 11 | 9 | 0 | 20 | 0 | 7 | 4 | 0 | 11 | 0 | 48 |
| Hourly Total | 29 | 24 | 0 | 53 | 0 | 38 | 54 | 0 | 92 | 0 | 25 | 24 | 0 | 49 | 0 | 194 |
| 10:00AM | 2 | 8 | 0 | 10 | 0 | 10 | 7 | 0 | 17 | 0 | 5 | 3 | 0 | 8 | 0 | 35 |
| 10:15AM | 8 | 6 | 0 | 14 | 0 | 7 | 6 | 0 | 13 | 0 | 10 | 4 | 0 | 14 | 0 | 41 |
| 10:30AM | 7 | 7 | 0 | 14 | 0 | 11 | 11 | 0 | 22 | 0 | 10 | 2 | 0 | 12 | 0 | 48 |
| 10:45AM | 6 | 3 | 0 | 9 | 0 | 4 | 8 | 0 | 12 | 0 | 12 | 5 | 0 | 17 | 0 | 38 |
| Hourly Total | 23 | 24 | 0 | 47 | 0 | 32 | 32 | 0 | 64 | 0 | 37 | 14 | 0 | 51 | 0 | 162 |
| 11:00AM | 6 | 5 | 0 | 11 | 0 | 15 | 8 | 0 | 23 | 0 | 11 | 6 | 0 | 17 | 0 | 51 |
| 11:15AM | 9 | 4 | 0 | 13 | 0 | 8 | 6 | 0 | 14 | 0 | 7 | 7 | 0 | 14 | 0 | 41 |
| 11:30AM | 8 | 7 | 0 | 15 | 0 | 13 | 8 | 0 | 21 | 0 | 15 | 8 | 0 | 23 | 0 | 59 |
| 11:45AM | 1 | 5 | 0 | 6 | 0 | 3 | 7 | 0 | 10 | 0 | 11 | 5 | 0 | 16 | 0 | 32 |
| Hourly Total | 24 | 21 | 0 | 45 | 0 | 39 | 29 | 0 | 68 | 0 | 44 | 26 | 0 | 70 | 0 | 183 |
| 12:00PM | 8 | 10 | 0 | 18 | 0 | 9 | 4 | 0 | 13 | 0 | 7 | 6 | 0 | 13 | 0 | 44 |
| 12:15PM | 10 | 12 | 0 | 22 | 0 | 13 | 17 | 0 | 30 | 0 | 13 | 3 | 0 | 16 | 0 | 68 |
| 12:30PM | 5 | 9 | 0 | 14 | 0 | 4 | 12 | 0 | 16 | 0 | 7 | 4 | 0 | 11 | 0 | 41 |
| 12:45PM | 6 | 6 | 0 | 12 | 0 | 8 | 8 | 0 | 16 | 0 | 12 | 7 | 0 | 19 | 0 | 47 |
| Hourly Total | 29 | 37 | 0 | 66 | 0 | 34 | 41 | 0 | 75 | 0 | 39 | 20 | 0 | 59 | 0 | 200 |
| 1:00PM | 8 | 4 | 0 | 12 | 0 | 8 | 13 | 0 | 21 | 0 | 10 | 2 | 0 | 12 | 0 | 45 |
| 1:15PM | 1 | 10 | 0 | 11 | 0 | 4 | 17 | 0 | 21 | 0 | 21 | 5 | 0 | 26 | 0 | 58 |
| 1:30PM | 3 | 12 | 0 | 15 | 0 | 7 | 12 | 0 | 19 | 0 | 13 | 9 | 0 | 22 | 0 | 56 |
| 1:45PM | 7 | 3 | 0 | 10 | 0 | 3 | 15 | 0 | 18 | 0 | 18 | 7 | 0 | 25 | 0 | 53 |
| Hourly Total | 19 | 29 | 0 | 48 | 0 | 22 | 57 | 0 | 79 | 0 | 62 | 23 | 0 | 85 | 0 | 212 |
| 2:00PM | 6 | 10 | 0 | 16 | 0 | 7 | 12 | 0 | 19 | 0 | 15 | 6 | 0 | 21 | 0 | 56 |
| 2:15PM | 3 | 16 | 0 | 19 | 0 | 8 | 8 | 0 | 16 | 0 | 17 | 8 | 0 | 25 | 0 | 60 |
| 2:30PM | 6 | 17 | 0 | 23 | 0 | 5 | 7 | 0 | 12 | 0 | 26 | 13 | 0 | 39 | 0 | 74 |
| 2:45PM | 10 | 19 | 0 | 29 | 0 | 15 | 15 | 0 | 30 | 0 | 31 | 12 | 0 | 43 | 0 | 102 |
| Hourly Total | 25 | 62 | 0 | 87 | 0 | 35 | 42 | 0 | 77 | 0 | 89 | 39 | 0 | 128 | 0 | 292 |
| 3:00PM | 11 | 31 | 0 | 42 | 0 | 13 | 5 | 0 | 18 | 0 | 39 | 14 | 0 | 53 | 0 | 113 |
| 3:15PM | 10 | 33 | 0 | 43 | 0 | 13 | 11 | 0 | 24 | 0 | 29 | 5 | 0 | 34 | 0 | 101 |
| 3:30PM | 20 | 33 | 0 | 53 | 0 | 9 | 7 | 0 | 16 | 0 | 17 | 12 | 0 | 29 | 0 | 98 |
| 3:45PM | 21 | 43 | 0 | 64 | 0 | 16 | 18 | 0 | 34 | 0 | 48 | 14 | 0 | 62 | 0 | 160 |
| Hourly Total | 62 | 140 | 0 | 202 | 0 | 51 | 41 | 0 | 92 | 0 | 133 | 45 | 0 | 178 | 0 | 472 |
| 4:00PM | 10 | 34 | 0 | 44 | 0 | 13 | 14 | 0 | 27 | 0 | 36 | 8 | 0 | 44 | 0 | 115 |
| 4:15PM | 17 | 46 | 0 | 63 | 0 | 12 | 14 | 0 | 26 | 0 | 58 | 12 | 0 | 70 | 0 | 159 |
| 4:30PM | 20 | 30 | 0 | 50 | 0 | 14 | 21 | 0 | 35 | 0 | 52 | 11 | 0 | 63 | 0 | 148 |
| 4:45PM | 14 | 36 | 0 | 50 | 0 | 12 | 13 | 0 | 25 | 0 | 35 | 9 | 0 | 44 | 0 | 119 |

| Leg Direction | Duvall Road Eastbound | | | | | Walnut Creek Pike Northbound | | | | | Walnut Creek Pike Southbound | | | | | |
|---------------------------------|-----------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|-------|
| Time | L | R | U | App | Ped* | L | T | U | App | Ped* | T | R | U | App | Ped* | Int |
| Hourly Total | 61 | 146 | 0 | 207 | 0 | 51 | 62 | 0 | 113 | 0 | 181 | 40 | 0 | 221 | 0 | 541 |
| 5:00PM | 22 | 35 | 0 | 57 | 0 | 6 | 16 | 0 | 22 | 0 | 54 | 8 | 0 | 62 | 0 | 141 |
| 5:15PM | 24 | 35 | 0 | 59 | 0 | 12 | 24 | 0 | 36 | 0 | 52 | 9 | 0 | 61 | 0 | 156 |
| 5:30PM | 23 | 29 | 0 | 52 | 0 | 4 | 16 | 0 | 20 | 0 | 41 | 14 | 0 | 55 | 0 | 127 |
| 5:45PM | 10 | 23 | 0 | 33 | 0 | 3 | 12 | 0 | 15 | 0 | 37 | 13 | 0 | 50 | 0 | 98 |
| Hourly Total | 79 | 122 | 0 | 201 | 0 | 25 | 68 | 0 | 93 | 0 | 184 | 44 | 0 | 228 | 0 | 522 |
| Total | 440 | 681 | 0 | 1121 | 0 | 604 | 796 | 0 | 1400 | 0 | 910 | 394 | 0 | 1304 | 0 | 3825 |
| % Approach | 39.3% | 60.7% | 0% | - | - | 43.1% | 56.9% | 0% | - | - | 69.8% | 30.2% | 0% | - | - | - |
| % Total | 11.5% | 17.8% | 0% | 29.3% | - | 15.8% | 20.8% | 0% | 36.6% | - | 23.8% | 10.3% | 0% | 34.1% | - | - |
| Lights and Motorcycles | 431 | 652 | 0 | 1083 | - | 574 | 771 | 0 | 1345 | - | 887 | 382 | 0 | 1269 | - | 3697 |
| % Lights and Motorcycles | 98.0% | 95.7% | 0% | 96.6% | - | 95.0% | 96.9% | 0% | 96.1% | - | 97.5% | 97.0% | 0% | 97.3% | - | 96.7% |
| Heavy | 9 | 29 | 0 | 38 | - | 30 | 25 | 0 | 55 | - | 23 | 12 | 0 | 35 | - | 128 |
| % Heavy | 2.0% | 4.3% | 0% | 3.4% | - | 5.0% | 3.1% | 0% | 3.9% | - | 2.5% | 3.0% | 0% | 2.7% | - | 3.3% |
| Pedestrians | - | - | - | - | 0 | - | - | - | - | 0 | - | - | - | - | 0 | - |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Walnut Creek Pike & Duvall Road (North Inter... - TMC

Thu Sep 8, 2022

Full Length (6 AM-6 PM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989477, Location: 39.769946, -82.911671



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

[N] Walnut Creek Pike

Total: 2540

In: 1304

Out: 1236

394

910

[W] Duvall Road

Total: 2119

Out: 998

In: 1121

440

681

604

796

Out: 1591

In: 1400

Total: 2991

[S] Walnut Creek Pike

Walnut Creek Pike & Duvall Road (North Inter... - TMC

Thu Sep 8, 2022

AM Peak (6:30 AM - 7:30 AM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989477, Location: 39.769946, -82.911671



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | Duvall Road Eastbound | | | | | Walnut Creek Pike Northbound | | | | | Walnut Creek Pike Southbound | | | | | Int |
|---------------------------------|-----------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|-------|
| | L | R | U | App | Ped* | L | T | U | App | Ped* | T | R | U | App | Ped* | |
| 2022-09-08 6:30AM | 5 | 3 | 0 | 8 | 0 | 32 | 47 | 0 | 79 | 0 | 9 | 17 | 0 | 26 | 0 | 113 |
| 6:45AM | 6 | 9 | 0 | 15 | 0 | 39 | 37 | 0 | 76 | 0 | 10 | 15 | 0 | 25 | 0 | 116 |
| 7:00AM | 6 | 9 | 0 | 15 | 0 | 27 | 30 | 0 | 57 | 0 | 12 | 11 | 0 | 23 | 0 | 95 |
| 7:15AM | 5 | 7 | 0 | 12 | 0 | 34 | 41 | 0 | 75 | 0 | 17 | 13 | 0 | 30 | 0 | 117 |
| Total | 22 | 28 | 0 | 50 | 0 | 132 | 155 | 0 | 287 | 0 | 48 | 56 | 0 | 104 | 0 | 441 |
| % Approach | 44.0% | 56.0% | 0% | - | - | 46.0% | 54.0% | 0% | - | - | 46.2% | 53.8% | 0% | - | - | - |
| % Total | 5.0% | 6.3% | 0% | 11.3% | - | 29.9% | 35.1% | 0% | 65.1% | - | 10.9% | 12.7% | 0% | 23.6% | - | - |
| PHF | 0.917 | 0.778 | - | 0.833 | - | 0.846 | 0.824 | - | 0.908 | - | 0.706 | 0.824 | - | 0.867 | - | 0.942 |
| Lights and Motorcycles | 22 | 27 | 0 | 49 | - | 127 | 155 | 0 | 282 | - | 45 | 56 | 0 | 101 | - | 432 |
| % Lights and Motorcycles | 100% | 96.4% | 0% | 98.0% | - | 96.2% | 100% | 0% | 98.3% | - | 93.8% | 100% | 0% | 97.1% | - | 98.0% |
| Heavy | 0 | 1 | 0 | 1 | - | 5 | 0 | 0 | 5 | - | 3 | 0 | 0 | 3 | - | 9 |
| % Heavy | 0% | 3.6% | 0% | 2.0% | - | 3.8% | 0% | 0% | 1.7% | - | 6.3% | 0% | 0% | 2.9% | - | 2.0% |
| Pedestrians | - | - | - | - | 0 | - | - | - | - | 0 | - | - | - | - | - | 0 |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Walnut Creek Pike & Duvall Road (North Inter... - TMC

Thu Sep 8, 2022

AM Peak (6:30 AM - 7:30 AM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989477, Location: 39.769946, -82.911671



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

[N] Walnut Creek Pike

Total: 281

In: 104 Out: 177

56 48

[W] Duvall Road
Total: 238
In: 50 Out: 188

22
28

132

155

Out: 76

In: 287

Total: 363

[S] Walnut Creek Pike

Walnut Creek Pike & Duvall Road (North Inter... - TMC

Thu Sep 8, 2022

Midday Peak (1 PM - 2 PM)

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989477, Location: 39.769946, -82.911671



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | Duvall Road Eastbound | | | | | Walnut Creek Pike Northbound | | | | | Walnut Creek Pike Southbound | | | | | Int |
|---------------------------------|-----------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|------------------------------|-------|----|-------|------|-------|
| | L | R | U | App | Ped* | L | T | U | App | Ped* | T | R | U | App | Ped* | |
| 2022-09-08 1:00PM | 8 | 4 | 0 | 12 | 0 | 8 | 13 | 0 | 21 | 0 | 10 | 2 | 0 | 12 | 0 | 45 |
| 1:15PM | 1 | 10 | 0 | 11 | 0 | 4 | 17 | 0 | 21 | 0 | 21 | 5 | 0 | 26 | 0 | 58 |
| 1:30PM | 3 | 12 | 0 | 15 | 0 | 7 | 12 | 0 | 19 | 0 | 13 | 9 | 0 | 22 | 0 | 56 |
| 1:45PM | 7 | 3 | 0 | 10 | 0 | 3 | 15 | 0 | 18 | 0 | 18 | 7 | 0 | 25 | 0 | 53 |
| Total | 19 | 29 | 0 | 48 | 0 | 22 | 57 | 0 | 79 | 0 | 62 | 23 | 0 | 85 | 0 | 212 |
| % Approach | 39.6% | 60.4% | 0% | - | - | 27.8% | 72.2% | 0% | - | - | 72.9% | 27.1% | 0% | - | - | - |
| % Total | 9.0% | 13.7% | 0% | 22.6% | - | 10.4% | 26.9% | 0% | 37.3% | - | 29.2% | 10.8% | 0% | 40.1% | - | - |
| PHF | 0.594 | 0.604 | - | 0.800 | - | 0.688 | 0.838 | - | 0.940 | - | 0.738 | 0.639 | - | 0.817 | - | 0.914 |
| Lights and Motorcycles | 18 | 25 | 0 | 43 | - | 20 | 54 | 0 | 74 | - | 62 | 22 | 0 | 84 | - | 201 |
| % Lights and Motorcycles | 94.7% | 86.2% | 0% | 89.6% | - | 90.9% | 94.7% | 0% | 93.7% | - | 100% | 95.7% | 0% | 98.8% | - | 94.8% |
| Heavy | 1 | 4 | 0 | 5 | - | 2 | 3 | 0 | 5 | - | 0 | 1 | 0 | 1 | - | 11 |
| % Heavy | 5.3% | 13.8% | 0% | 10.4% | - | 9.1% | 5.3% | 0% | 6.3% | - | 0% | 4.3% | 0% | 1.2% | - | 5.2% |
| Pedestrians | - | - | - | - | 0 | - | - | - | - | 0 | - | - | - | - | - | 0 |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Walnut Creek Pike & Duvall Road (North Inter... - TMC

Thu Sep 8, 2022

Midday Peak (1 PM - 2 PM)

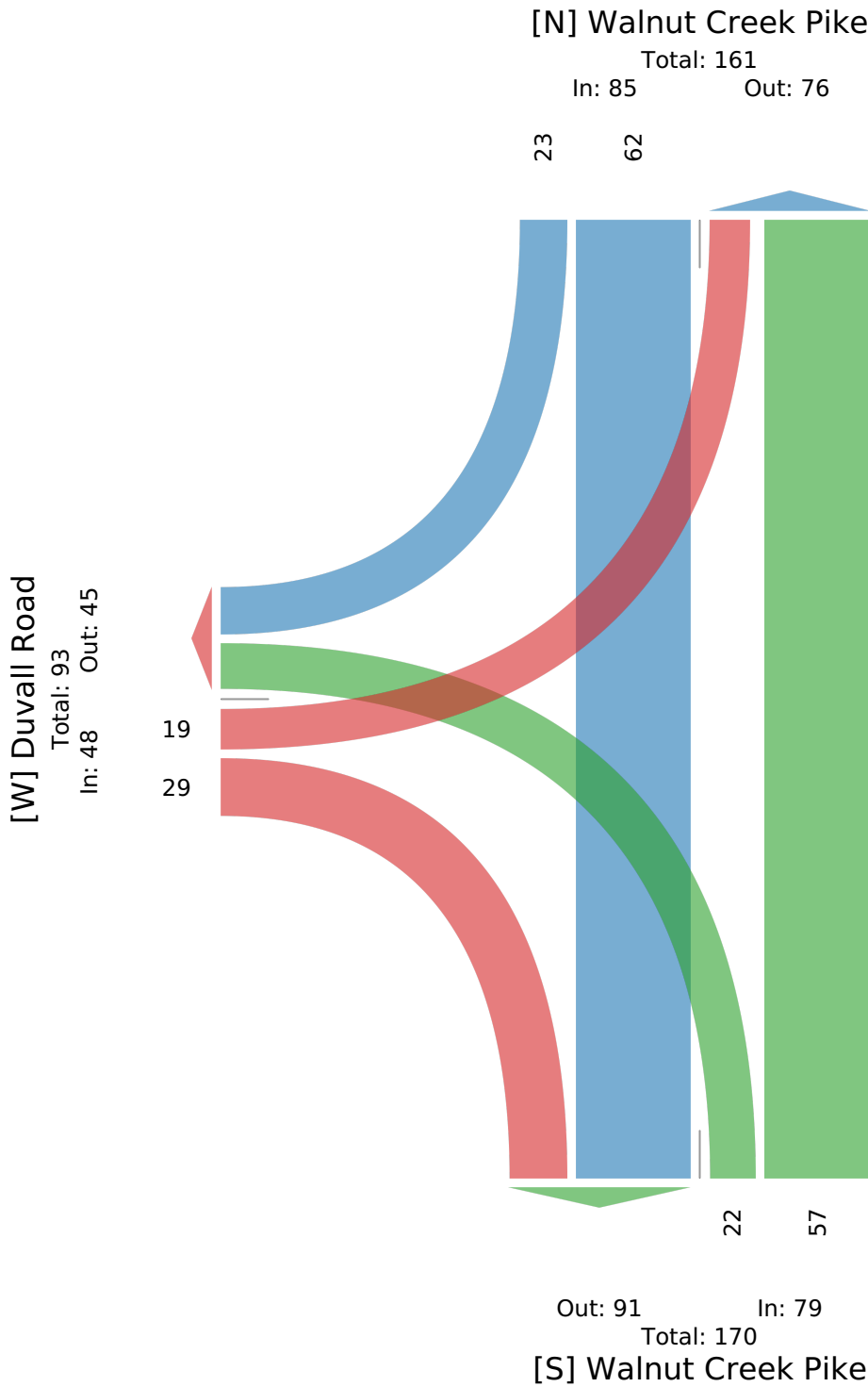
All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989477, Location: 39.769946, -82.911671



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US



Walnut Creek Pike & Duvall Road (North Inter... - TMC

Thu Sep 8, 2022

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989477, Location: 39.769946, -82.911671



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

| Leg Direction | Duvall Road Eastbound | | | | | Walnut Creek Pike Northbound | | | | | Walnut Creek Pike Southbound | | | | | Int |
|---------------------------------|--------------------------|-------|----|-------|------|---------------------------------|-------|----|-------|------|---------------------------------|-------|----|-------|------|-------|
| | L | R | U | App | Ped* | L | T | U | App | Ped* | T | R | U | App | Ped* | |
| 2022-09-08 3:45PM | 21 | 43 | 0 | 64 | 0 | 16 | 18 | 0 | 34 | 0 | 48 | 14 | 0 | 62 | 0 | 160 |
| 4:00PM | 10 | 34 | 0 | 44 | 0 | 13 | 14 | 0 | 27 | 0 | 36 | 8 | 0 | 44 | 0 | 115 |
| 4:15PM | 17 | 46 | 0 | 63 | 0 | 12 | 14 | 0 | 26 | 0 | 58 | 12 | 0 | 70 | 0 | 159 |
| 4:30PM | 20 | 30 | 0 | 50 | 0 | 14 | 21 | 0 | 35 | 0 | 52 | 11 | 0 | 63 | 0 | 148 |
| Total | 68 | 153 | 0 | 221 | 0 | 55 | 67 | 0 | 122 | 0 | 194 | 45 | 0 | 239 | 0 | 582 |
| % Approach | 30.8% | 69.2% | 0% | - | - | 45.1% | 54.9% | 0% | - | - | 81.2% | 18.8% | 0% | - | - | - |
| % Total | 11.7% | 26.3% | 0% | 38.0% | - | 9.5% | 11.5% | 0% | 21.0% | - | 33.3% | 7.7% | 0% | 41.1% | - | - |
| PHF | 0.810 | 0.832 | - | 0.863 | - | 0.859 | 0.798 | - | 0.871 | - | 0.836 | 0.804 | - | 0.854 | - | 0.909 |
| Lights and Motorcycles | 67 | 150 | 0 | 217 | - | 49 | 67 | 0 | 116 | - | 190 | 45 | 0 | 235 | - | 568 |
| % Lights and Motorcycles | 98.5% | 98.0% | 0% | 98.2% | - | 89.1% | 100% | 0% | 95.1% | - | 97.9% | 100% | 0% | 98.3% | - | 97.6% |
| Heavy | 1 | 3 | 0 | 4 | - | 6 | 0 | 0 | 6 | - | 4 | 0 | 0 | 4 | - | 14 |
| % Heavy | 1.5% | 2.0% | 0% | 1.8% | - | 10.9% | 0% | 0% | 4.9% | - | 2.1% | 0% | 0% | 1.7% | - | 2.4% |
| Pedestrians | - | - | - | - | 0 | - | - | - | - | 0 | - | - | - | - | - | 0 |
| % Pedestrians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Walnut Creek Pike & Duvall Road (North Inter... - TMC

Thu Sep 8, 2022

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy, Pedestrians)

All Movements

ID: 989477, Location: 39.769946, -82.911671



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

[N] Walnut Creek Pike

Total: 374

In: 239 Out: 135

45

194

[W] Duvall Road

Total: 321

In: 221 Out: 100

68

153

55

67

Out: 347

In: 122

Total: 469

[S] Walnut Creek Pike

| TIS SUBAREA | LAND USE | TIME OF DAY | DATA SET <i>Trip Generation Manual, 11th Edition</i> (Unless noted Otherwise) | RATE OR EQUATION FROM: <i>Trip Generation Manual 11th Edition</i> | TOTAL TRIPS | ENTERING | | EXITING | |
|---------------|--|-------------|---|---|-------------|----------|-------------|---------|-------------|
| | | | | | | % | TOTAL TRIPS | % | TOTAL TRIPS |
| 1 | Multifamily Housing (Low-Rise) Not Close to Rail/Transit (ITE Code #220) Ind. Variable (X) = 232 Dwelling Units | Daily | Weekday | $T = 6.41(X) + 75.31$ | 1562 | 50% | 781 | 50% | 781 |
| | | AM Peak | Peak Hour of Adj. Street Traffic, One Hour between 7 & 9 AM | $T = 0.31(X) + 22.85$ | 95 | 24% | 23 | 76% | 72 |
| | | PM Peak | Peak Hour of Adj. Street Traffic, One Hour between 4 & 6 PM | $T = 0.43(X) + 20.55$ | 120 | 63% | 76 | 37% | 44 |
| TOTALS | | | | | 1562 | | 781 | | 781 |
| | | | | | 95 | | 23 | | 72 |
| | | | | | 120 | | 76 | | 44 |

The Distillery Traffic Access Study - 3/2022

TABLE 2 - SITE TRIP GENERATION SUMMARY

Ashville Pike & St. Paul Road - TMC

Thu Sep 30, 2021

Full Length (7 AM-9 AM, 4 PM-6 PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 881160, Location: 39.742179, -82.951237

Provided by: Carpenter Marty (CM) Transportation Inc.

6612 Singletree Drive, Columbus, OH, 43229, US

| Leg Direction | Saint Paul Road Westbound | | | | Ashville Pike Northbound | | | | Ashville Pike Southbound | | | | |
|---------------------------------------|---------------------------|-------|----|-------|--------------------------|-------|------|-------|--------------------------|-------|------|-------|-------|
| Time | L | R | U | App | T | R | U | App | L | T | U | App | Int |
| 2021-09-30 7:00AM | 6 | 12 | 0 | 18 | 73 | 21 | 1 | 95 | 16 | 34 | 0 | 50 | 163 |
| 7:15AM | 12 | 20 | 0 | 32 | 80 | 16 | 0 | 96 | 11 | 68 | 1 | 80 | 208 |
| 7:30AM | 3 | 23 | 0 | 26 | 73 | 8 | 0 | 81 | 5 | 21 | 0 | 26 | 133 |
| 7:45AM | 6 | 8 | 0 | 14 | 55 | 2 | 0 | 57 | 1 | 12 | 0 | 13 | 84 |
| Hourly Total | 27 | 63 | 0 | 90 | 281 | 47 | 1 | 329 | 33 | 135 | 1 | 169 | 588 |
| 8:00AM | 0 | 6 | 0 | 6 | 49 | 4 | 0 | 53 | 2 | 22 | 0 | 24 | 83 |
| 8:15AM | 4 | 3 | 0 | 7 | 40 | 6 | 0 | 46 | 2 | 32 | 0 | 34 | 87 |
| 8:30AM | 4 | 2 | 0 | 6 | 47 | 3 | 0 | 50 | 4 | 29 | 0 | 33 | 89 |
| 8:45AM | 4 | 6 | 0 | 10 | 25 | 5 | 0 | 30 | 2 | 17 | 0 | 19 | 59 |
| Hourly Total | 12 | 17 | 0 | 29 | 161 | 18 | 0 | 179 | 10 | 100 | 0 | 110 | 318 |
| 4:00PM | 6 | 10 | 0 | 16 | 33 | 3 | 0 | 36 | 7 | 89 | 0 | 96 | 148 |
| 4:15PM | 5 | 5 | 0 | 10 | 37 | 5 | 0 | 42 | 20 | 89 | 0 | 109 | 161 |
| 4:30PM | 2 | 3 | 0 | 5 | 37 | 7 | 1 | 45 | 19 | 88 | 0 | 107 | 157 |
| 4:45PM | 6 | 5 | 0 | 11 | 34 | 5 | 0 | 39 | 16 | 105 | 0 | 121 | 171 |
| Hourly Total | 19 | 23 | 0 | 42 | 141 | 20 | 1 | 162 | 62 | 371 | 0 | 433 | 637 |
| 5:00PM | 7 | 4 | 0 | 11 | 40 | 2 | 0 | 42 | 17 | 102 | 0 | 119 | 172 |
| 5:15PM | 8 | 2 | 0 | 10 | 40 | 7 | 0 | 47 | 14 | 116 | 0 | 130 | 187 |
| 5:30PM | 10 | 8 | 0 | 18 | 42 | 7 | 0 | 49 | 21 | 94 | 0 | 115 | 182 |
| 5:45PM | 2 | 5 | 0 | 7 | 38 | 5 | 0 | 43 | 21 | 73 | 0 | 94 | 144 |
| Hourly Total | 27 | 19 | 0 | 46 | 160 | 21 | 0 | 181 | 73 | 385 | 0 | 458 | 685 |
| Total | 85 | 122 | 0 | 207 | 743 | 106 | 2 | 851 | 178 | 991 | 1 | 1170 | 2228 |
| % Approach | 41.1% | 58.9% | 0% | - | 87.3% | 12.5% | 0.2% | - | 15.2% | 84.7% | 0.1% | - | - |
| % Total | 3.8% | 5.5% | 0% | 9.3% | 33.3% | 4.8% | 0.1% | 38.2% | 8.0% | 44.5% | 0% | 52.5% | - |
| Lights | 77 | 115 | 0 | 192 | 722 | 101 | 2 | 825 | 172 | 955 | 1 | 1128 | 2145 |
| % Lights | 90.6% | 94.3% | 0% | 92.8% | 97.2% | 95.3% | 100% | 96.9% | 96.6% | 96.4% | 100% | 96.4% | 96.3% |
| Articulated Trucks | 1 | 2 | 0 | 3 | 11 | 0 | 0 | 11 | 2 | 11 | 0 | 13 | 27 |
| % Articulated Trucks | 1.2% | 1.6% | 0% | 1.4% | 1.5% | 0% | 0% | 1.3% | 1.1% | 1.1% | 0% | 1.1% | 1.2% |
| Buses and Single-Unit Trucks | 7 | 5 | 0 | 12 | 10 | 5 | 0 | 15 | 4 | 25 | 0 | 29 | 56 |
| % Buses and Single-Unit Trucks | 8.2% | 4.1% | 0% | 5.8% | 1.3% | 4.7% | 0% | 1.8% | 2.2% | 2.5% | 0% | 2.5% | 2.5% |

*L: Left, R: Right, T: Thru, U: U-Turn

Ashville Pike & St. Paul Road - TMC

Thu Sep 30, 2021

Full Length (7 AM-9 AM, 4 PM-6 PM)

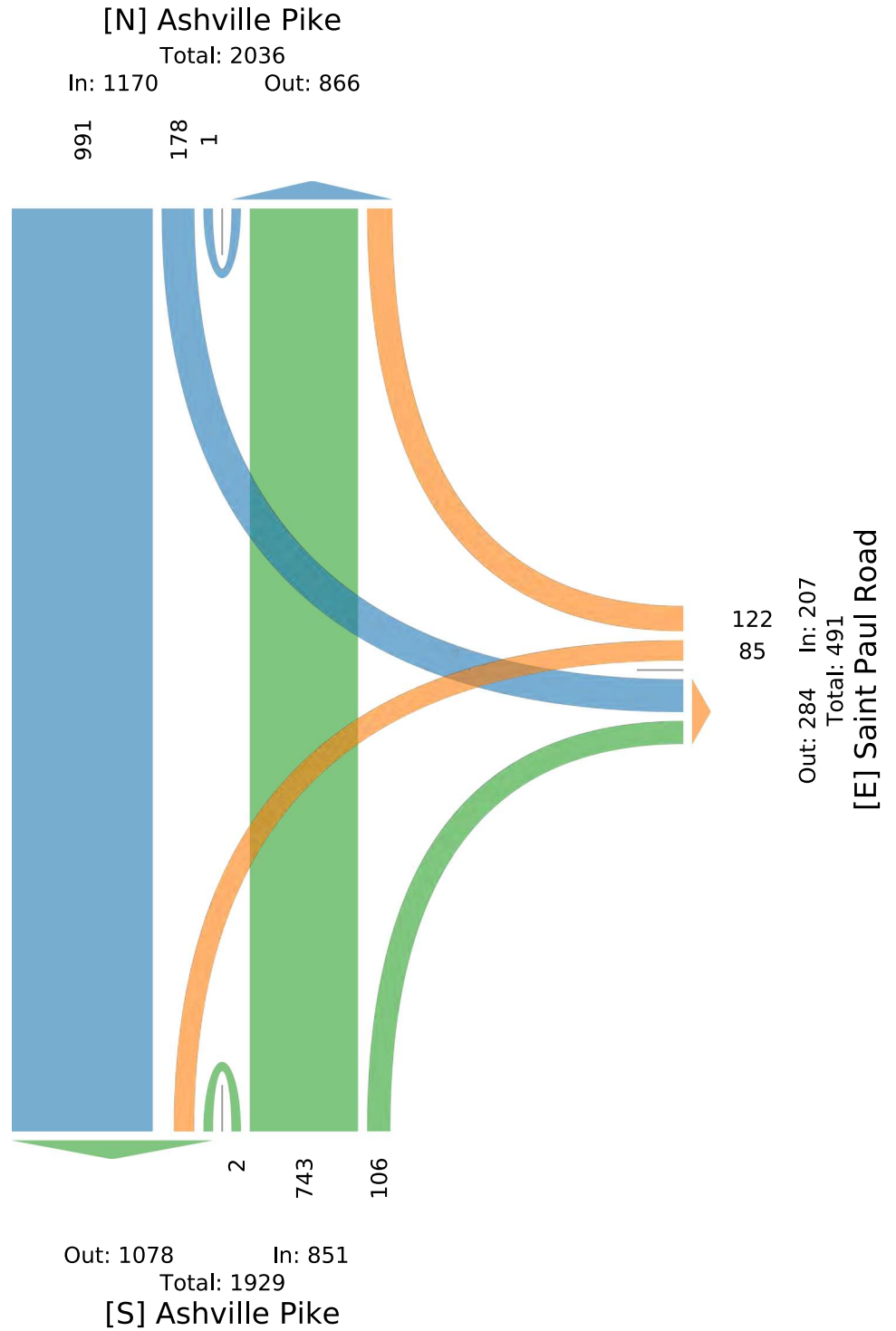
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 881160, Location: 39.742179, -82.951237

Provided by: Carpenter Marty (CM) Transportation Inc.

6612 Singletree Drive, Columbus, OH, 43229, US



Ashville Pike & St. Paul Road - TMC

Thu Sep 30, 2021

AM Peak (7 AM - 8 AM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 881160, Location: 39.742179, -82.951237

Provided by: Carpenter Marty (CM) Transportation Inc.

6612 Singletree Drive, Columbus, OH, 43229, US

| Leg Direction | Saint Paul Road Westbound | | | | Ashville Pike Northbound | | | | Ashville Pike Southbound | | | | |
|---------------------------------------|---------------------------|-------|----|-------|--------------------------|-------|-------|-------|--------------------------|-------|-------|-------|-------|
| Time | L | R | U | App | T | R | U | App | L | T | U | App | Int |
| 2021-09-30 7:00AM | 6 | 12 | 0 | 18 | 73 | 21 | 1 | 95 | 16 | 34 | 0 | 50 | 163 |
| 7:15AM | 12 | 20 | 0 | 32 | 80 | 16 | 0 | 96 | 11 | 68 | 1 | 80 | 208 |
| 7:30AM | 3 | 23 | 0 | 26 | 73 | 8 | 0 | 81 | 5 | 21 | 0 | 26 | 133 |
| 7:45AM | 6 | 8 | 0 | 14 | 55 | 2 | 0 | 57 | 1 | 12 | 0 | 13 | 84 |
| Total | 27 | 63 | 0 | 90 | 281 | 47 | 1 | 329 | 33 | 135 | 1 | 169 | 588 |
| % Approach | 30.0% | 70.0% | 0% | - | 85.4% | 14.3% | 0.3% | - | 19.5% | 79.9% | 0.6% | - | - |
| % Total | 4.6% | 10.7% | 0% | 15.3% | 47.8% | 8.0% | 0.2% | 56.0% | 5.6% | 23.0% | 0.2% | 28.7% | - |
| PHF | 0.563 | 0.685 | - | 0.703 | 0.878 | 0.560 | 0.250 | 0.857 | 0.516 | 0.496 | 0.250 | 0.528 | 0.707 |
| Lights | 22 | 60 | 0 | 82 | 275 | 46 | 1 | 322 | 32 | 130 | 1 | 163 | 567 |
| % Lights | 81.5% | 95.2% | 0% | 91.1% | 97.9% | 97.9% | 100% | 97.9% | 97.0% | 96.3% | 100% | 96.4% | 96.4% |
| Articulated Trucks | 1 | 0 | 0 | 1 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 4 |
| % Articulated Trucks | 3.7% | 0% | 0% | 1.1% | 1.1% | 0% | 0% | 0.9% | 0% | 0% | 0% | 0% | 0.7% |
| Buses and Single-Unit Trucks | 4 | 3 | 0 | 7 | 3 | 1 | 0 | 4 | 1 | 5 | 0 | 6 | 17 |
| % Buses and Single-Unit Trucks | 14.8% | 4.8% | 0% | 7.8% | 1.1% | 2.1% | 0% | 1.2% | 3.0% | 3.7% | 0% | 3.6% | 2.9% |

* L: Left, R: Right, T: Thru, U: U-Turn

Ashville Pike & St. Paul Road - TMC

Thu Sep 30, 2021

AM Peak (7 AM - 8 AM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 881160, Location: 39.742179, -82.951237

Provided by: Carpenter Marty (CM) Transportation Inc.
6612 Singletree Drive, Columbus, OH, 43229, US

[N] Ashville Pike

Total: 514

In: 169

Out: 345

135

33

1



63
27

Out: 80 In: 90

Total: 170

[E] Saint Paul Road

Out: 163

In: 329

Total: 492

[S] Ashville Pike

Ashville Pike & St. Paul Road - TMC

Thu Sep 30, 2021

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 881160, Location: 39.742179, -82.951237

Provided by: Carpenter Marty (CM) Transportation Inc.

6612 Singletree Drive, Columbus, OH, 43229, US

| Leg Direction | Saint Paul Road Westbound | | | | Ashville Pike Northbound | | | | Ashville Pike Southbound | | | | |
|---------------------------------------|---------------------------|-------|----|-------|--------------------------|-------|----|-------|--------------------------|-------|----|-------|-------|
| Time | L | R | U | App | T | R | U | App | L | T | U | App | Int |
| 2021-09-30 4:45PM | 6 | 5 | 0 | 11 | 34 | 5 | 0 | 39 | 16 | 105 | 0 | 121 | 171 |
| 5:00PM | 7 | 4 | 0 | 11 | 40 | 2 | 0 | 42 | 17 | 102 | 0 | 119 | 172 |
| 5:15PM | 8 | 2 | 0 | 10 | 40 | 7 | 0 | 47 | 14 | 116 | 0 | 130 | 187 |
| 5:30PM | 10 | 8 | 0 | 18 | 42 | 7 | 0 | 49 | 21 | 94 | 0 | 115 | 182 |
| Total | 31 | 19 | 0 | 50 | 156 | 21 | 0 | 177 | 68 | 417 | 0 | 485 | 712 |
| % Approach | 62.0% | 38.0% | 0% | - | 88.1% | 11.9% | 0% | - | 14.0% | 86.0% | 0% | - | - |
| % Total | 4.4% | 2.7% | 0% | 7.0% | 21.9% | 2.9% | 0% | 24.9% | 9.6% | 58.6% | 0% | 68.1% | - |
| PHF | 0.775 | 0.594 | - | 0.694 | 0.929 | 0.750 | - | 0.903 | 0.810 | 0.899 | - | 0.933 | 0.952 |
| Lights | 30 | 18 | 0 | 48 | 152 | 21 | 0 | 173 | 67 | 409 | 0 | 476 | 697 |
| % Lights | 96.8% | 94.7% | 0% | 96.0% | 97.4% | 100% | 0% | 97.7% | 98.5% | 98.1% | 0% | 98.1% | 97.9% |
| Articulated Trucks | 0 | 1 | 0 | 1 | 3 | 0 | 0 | 3 | 0 | 5 | 0 | 5 | 9 |
| % Articulated Trucks | 0% | 5.3% | 0% | 2.0% | 1.9% | 0% | 0% | 1.7% | 0% | 1.2% | 0% | 1.0% | 1.3% |
| Buses and Single-Unit Trucks | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 0 | 4 | 6 |
| % Buses and Single-Unit Trucks | 3.2% | 0% | 0% | 2.0% | 0.6% | 0% | 0% | 0.6% | 1.5% | 0.7% | 0% | 0.8% | 0.8% |

* L: Left, R: Right, T: Thru, U: U-Turn

Ashville Pike & St. Paul Road - TMC

Thu Sep 30, 2021

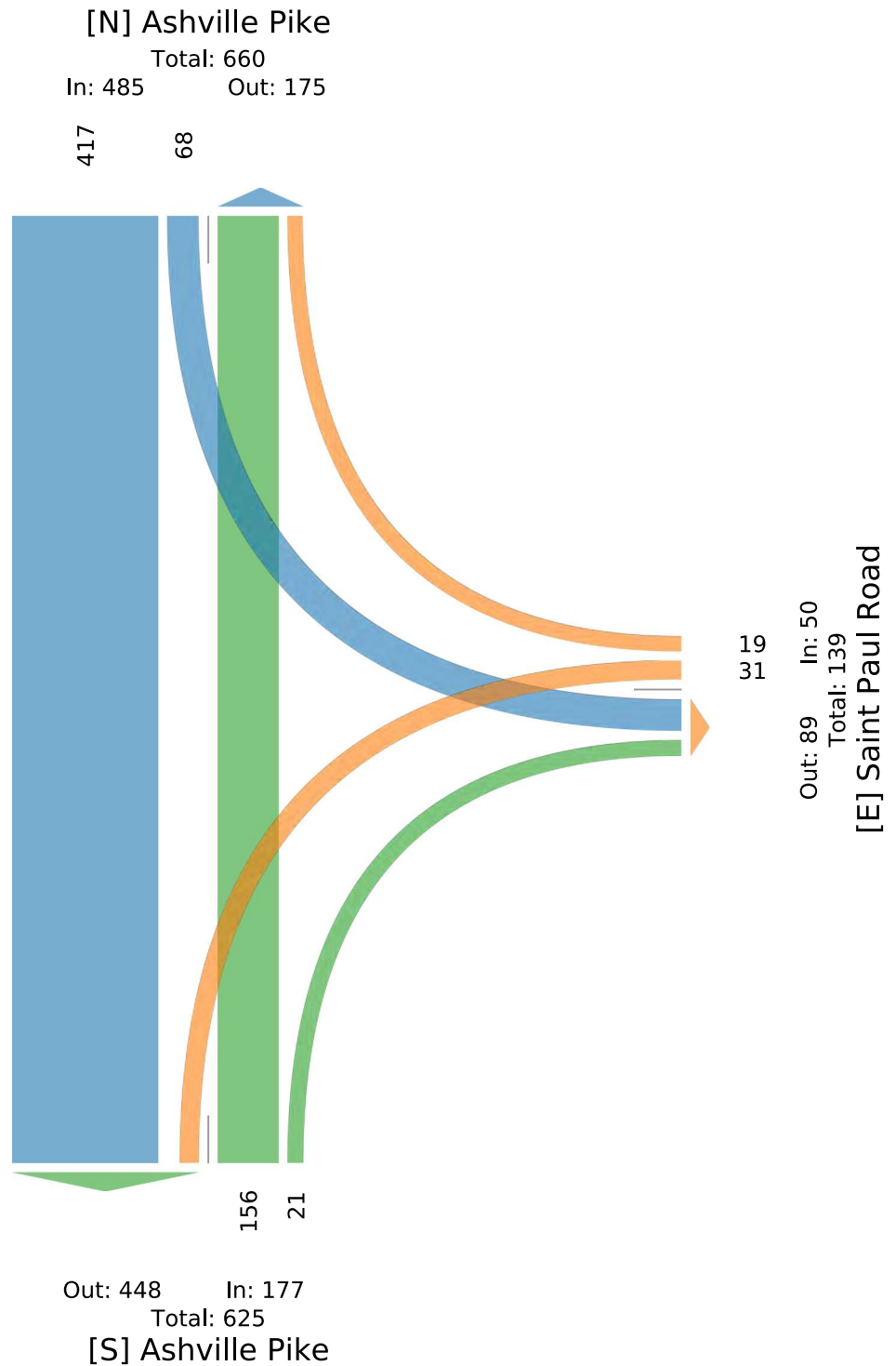
PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

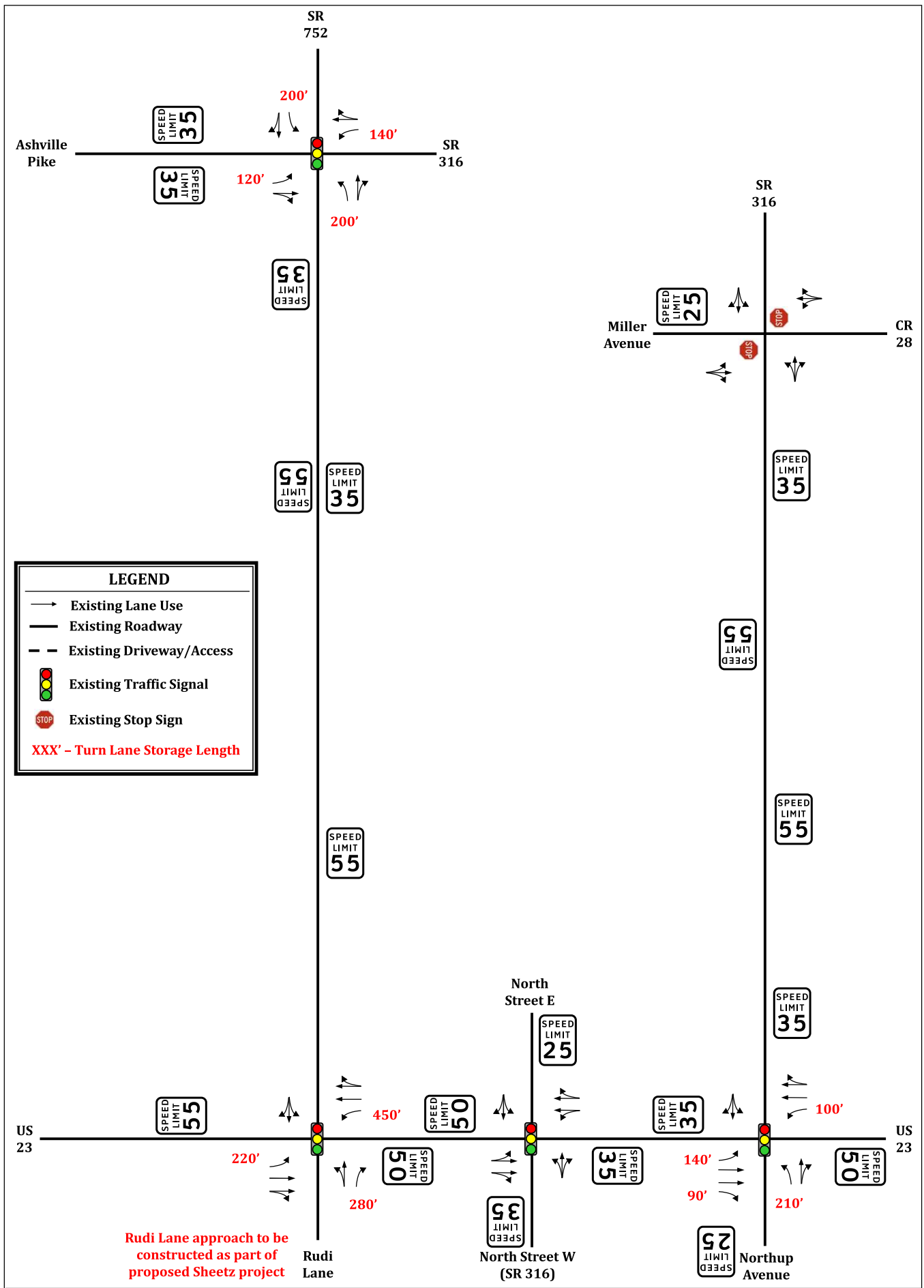
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 881160, Location: 39.742179, -82.951237

Provided by: Carpenter Marty (CM) Transportation Inc.
6612 Singletree Drive, Columbus, OH, 43229, US

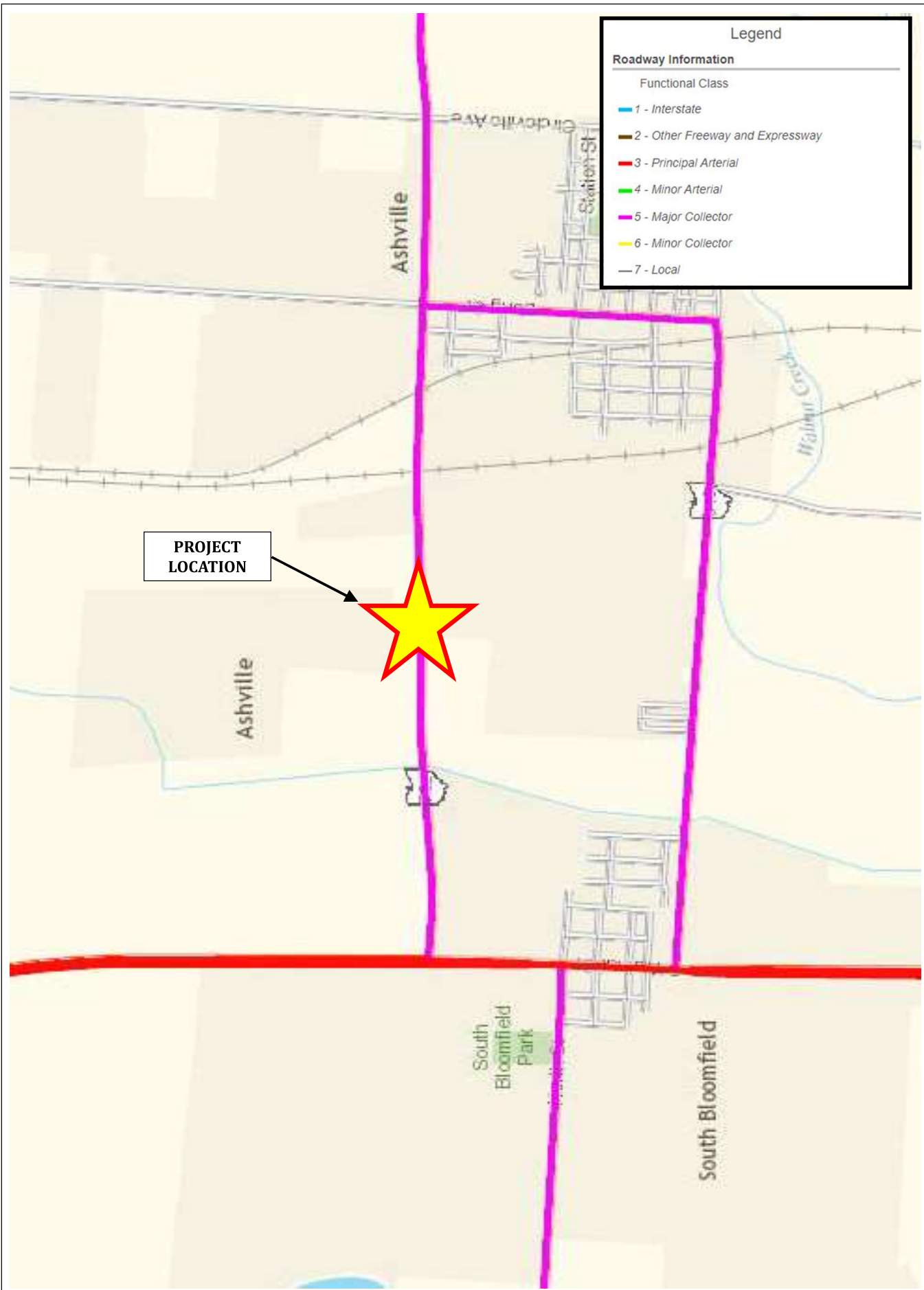




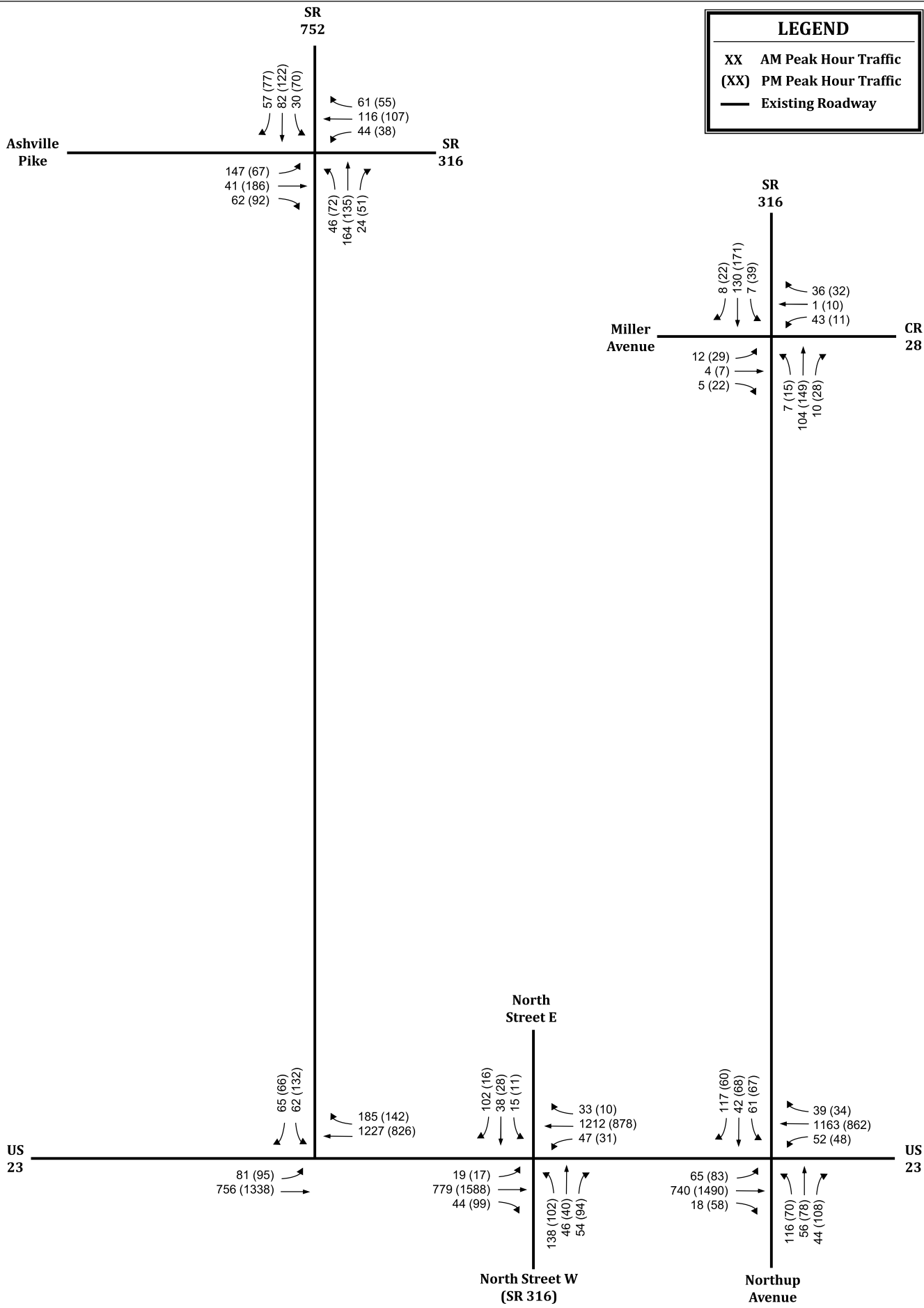
LEGEND

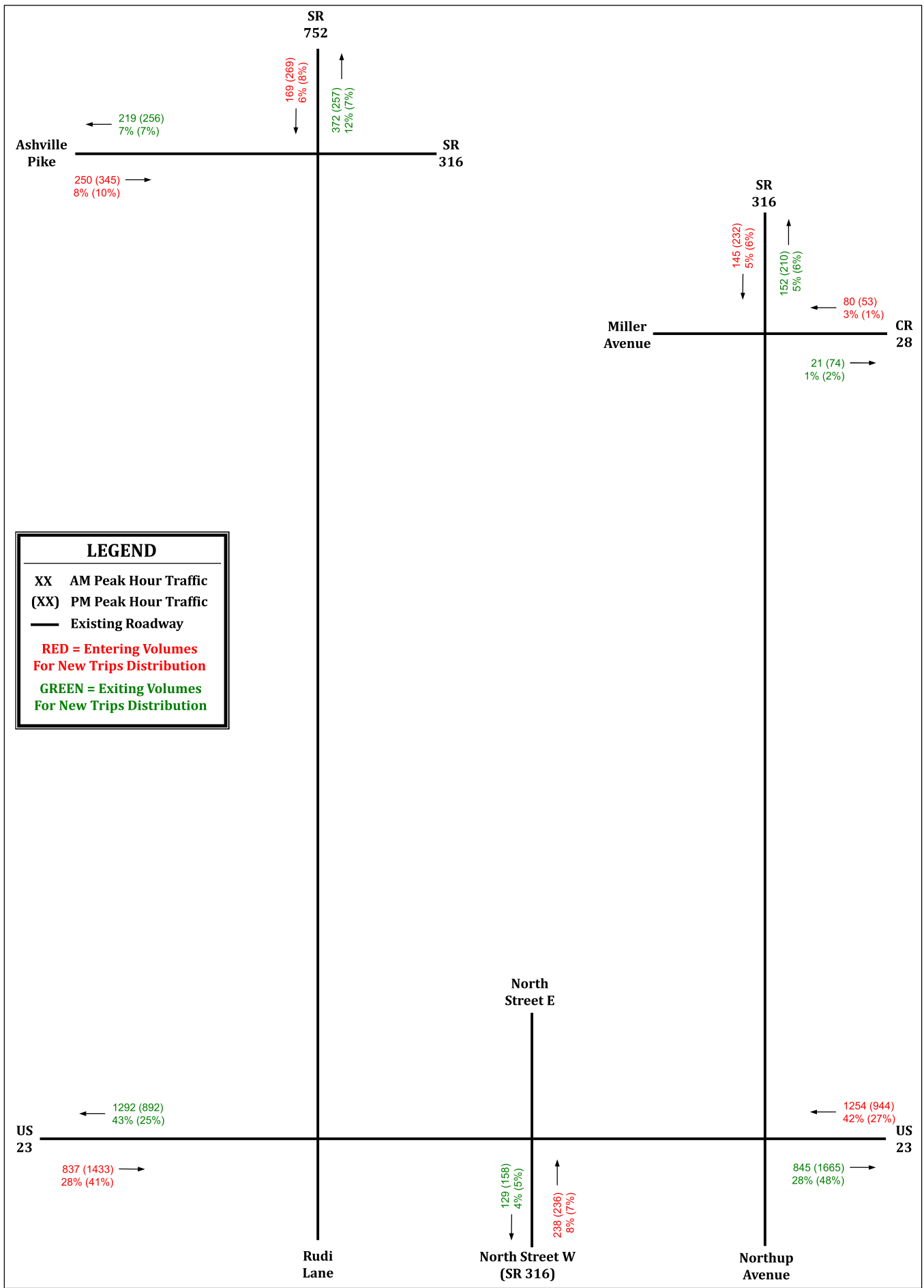
- Existing Lane Use
- Existing Roadway
- - Existing Driveway/Access
- 🚦 Existing Traffic Signal
- 🛑 Existing Stop Sign
- XXX' - Turn Lane Storage Length

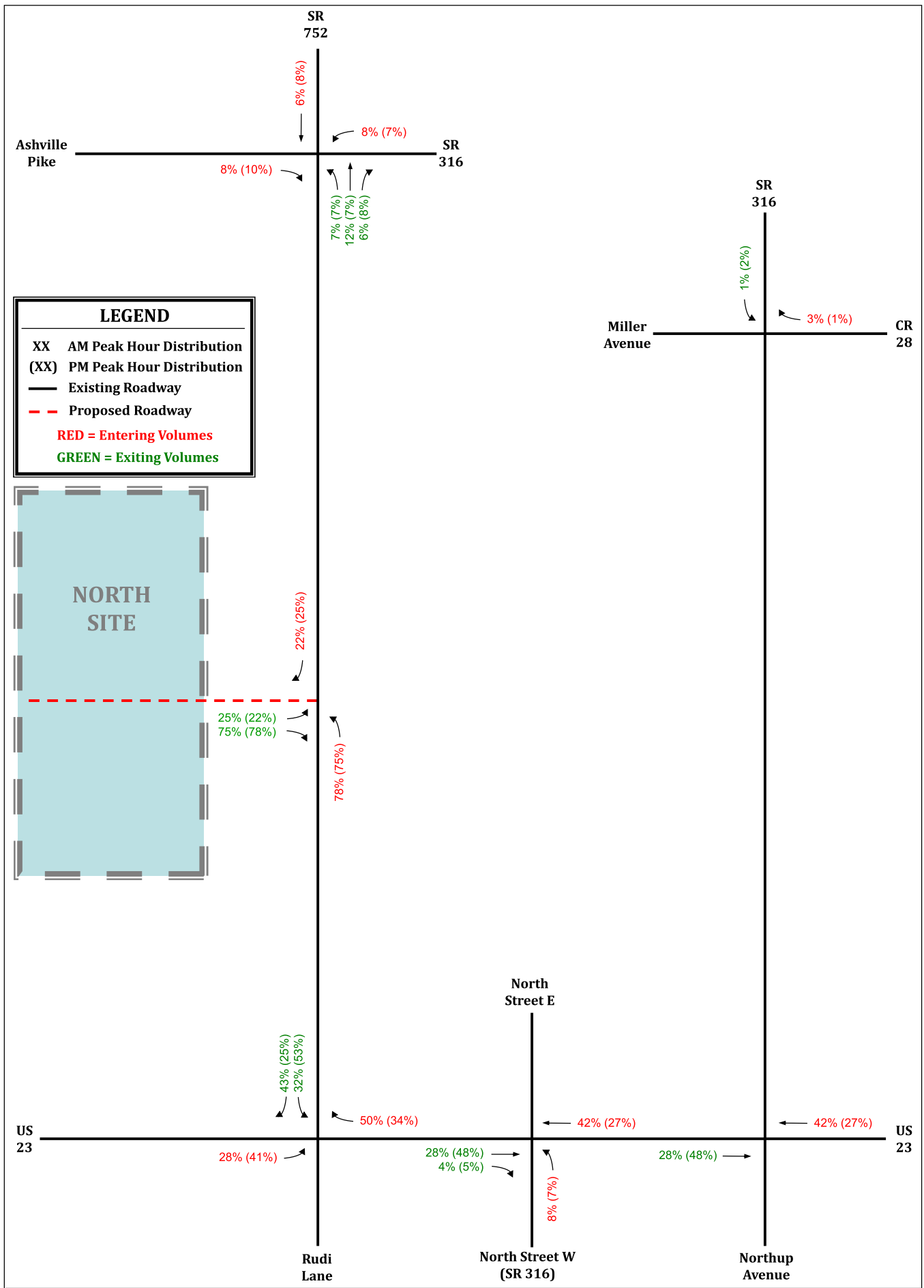
Rudi Lane approach to be constructed as part of proposed Sheetz project

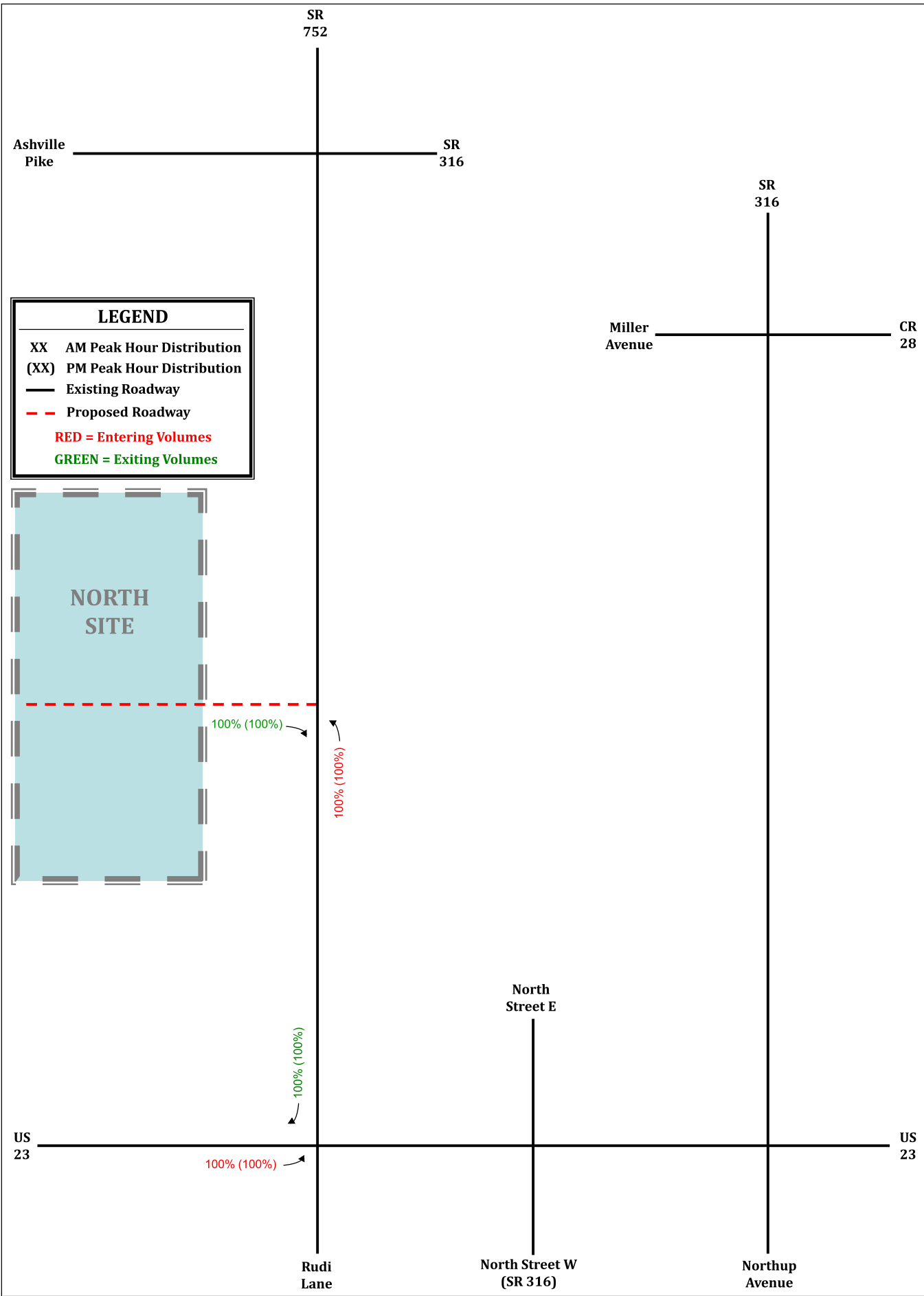


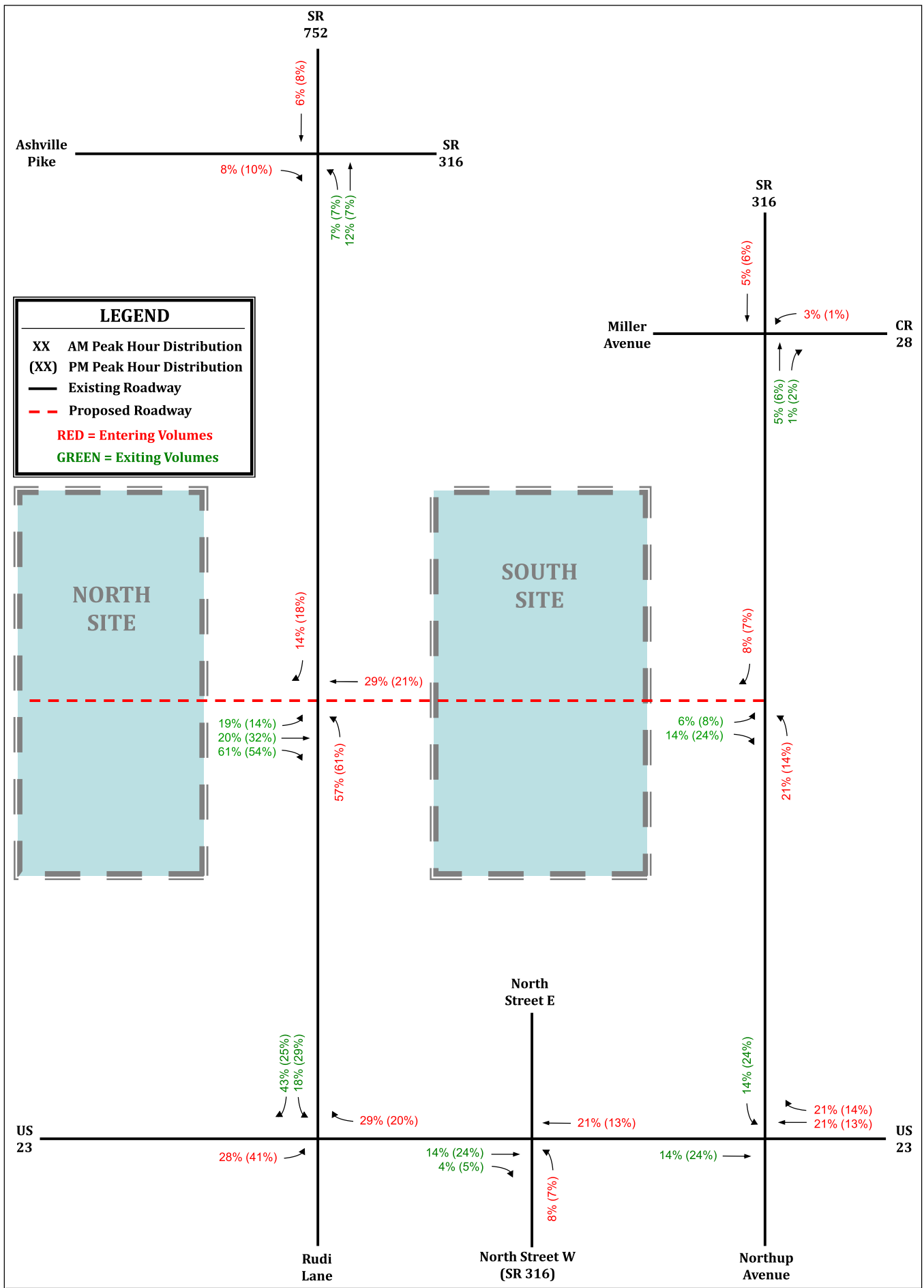
| LEGEND | |
|--------|----------------------|
| XX | AM Peak Hour Traffic |
| (XX) | PM Peak Hour Traffic |
| — | Existing Roadway |

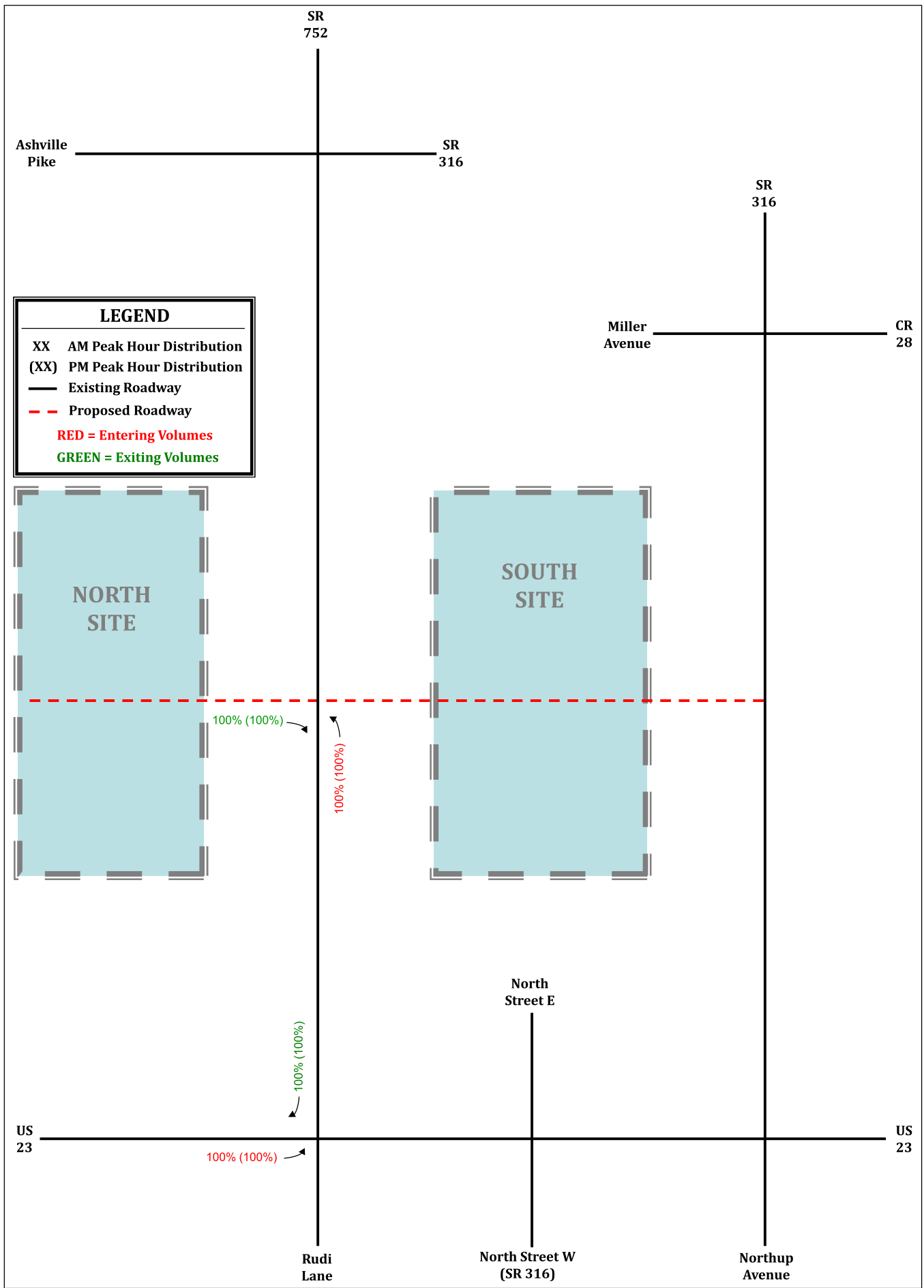






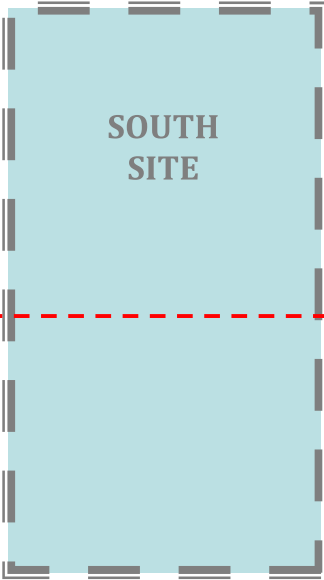
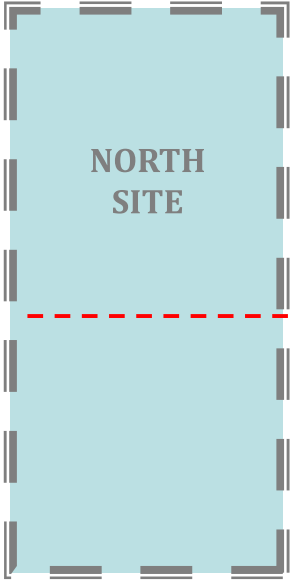


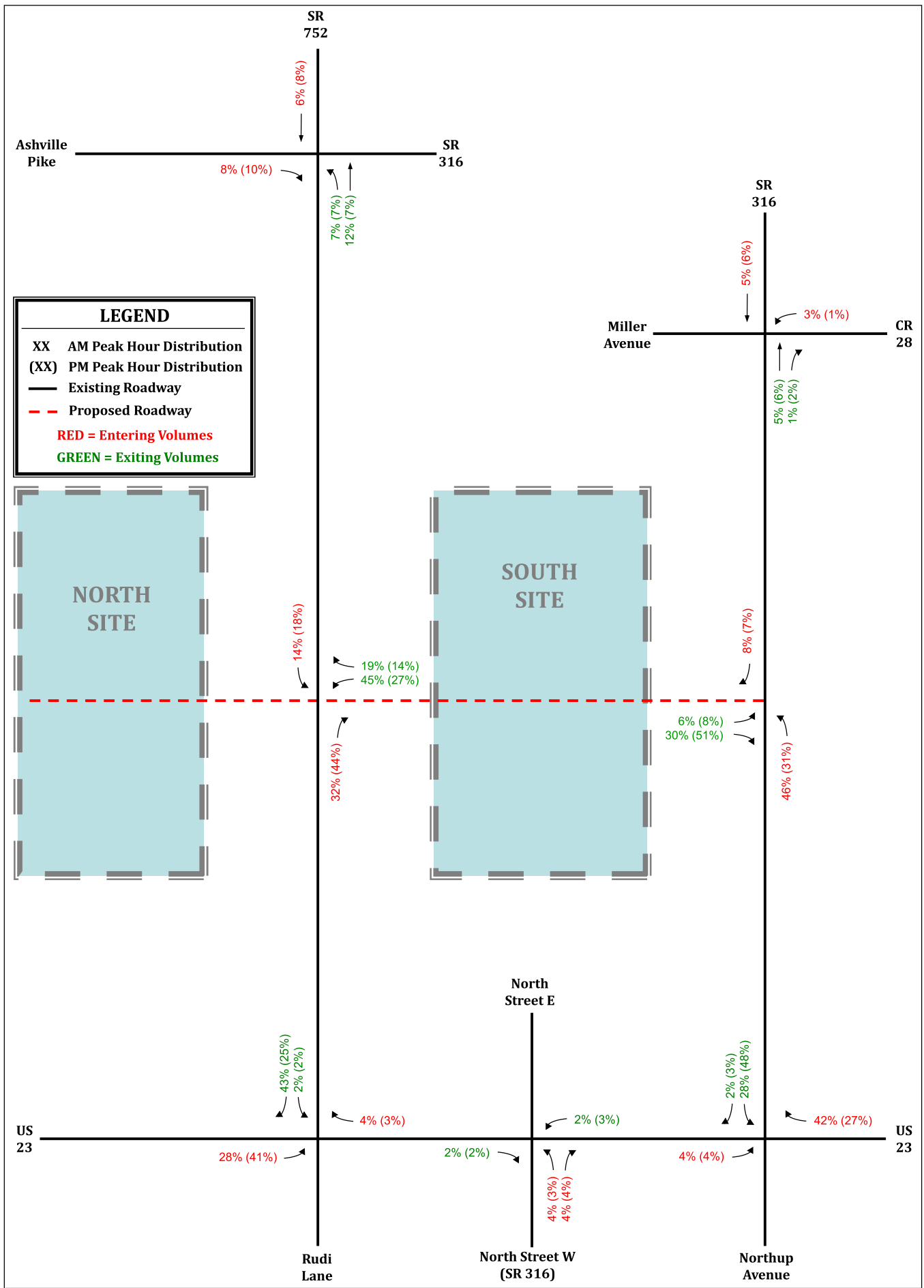


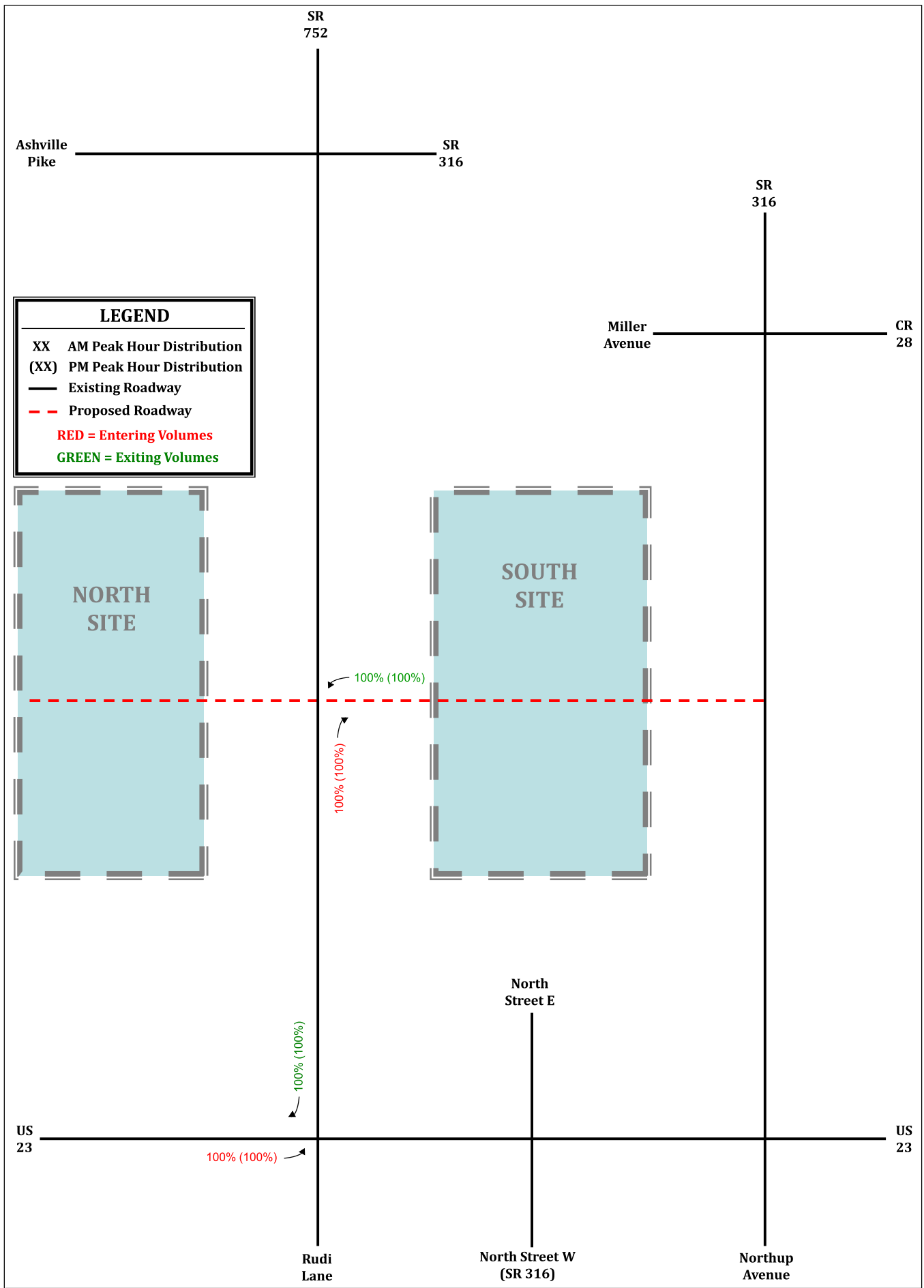


LEGEND

- XX AM Peak Hour Distribution
- (XX) PM Peak Hour Distribution
- Existing Roadway
- - - Proposed Roadway
- RED = Entering Volumes
- GREEN = Exiting Volumes

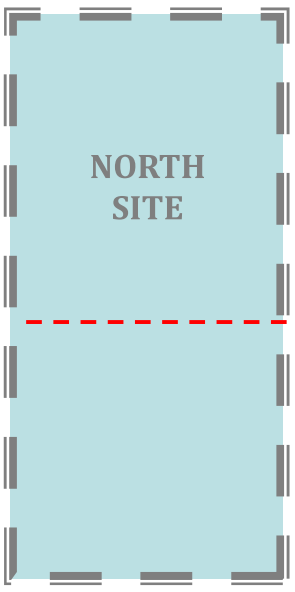






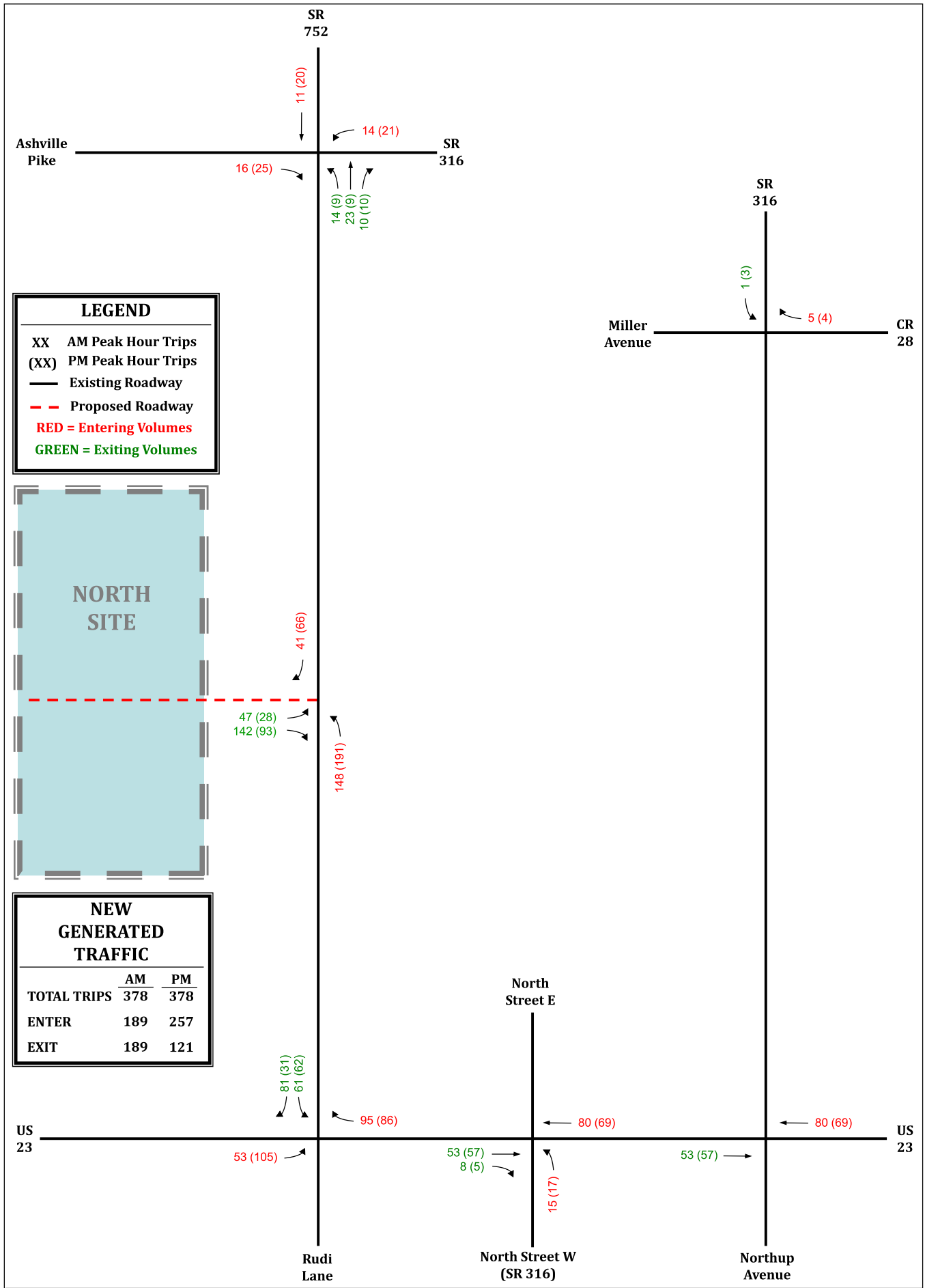
LEGEND

- XX AM Peak Hour Trips
- (XX) PM Peak Hour Trips
- Existing Roadway
- - - Proposed Roadway
- RED = Entering Volumes
- GREEN = Exiting Volumes



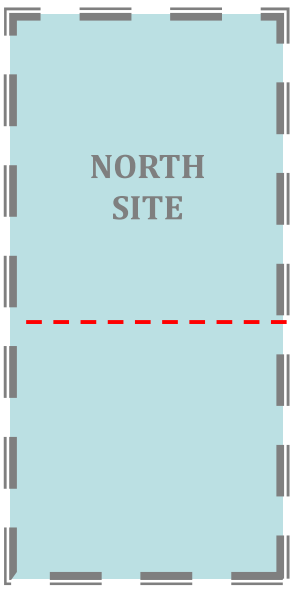
NEW GENERATED TRAFFIC

| | AM | PM |
|-------------|-----|-----|
| TOTAL TRIPS | 378 | 378 |
| ENTER | 189 | 257 |
| EXIT | 189 | 121 |



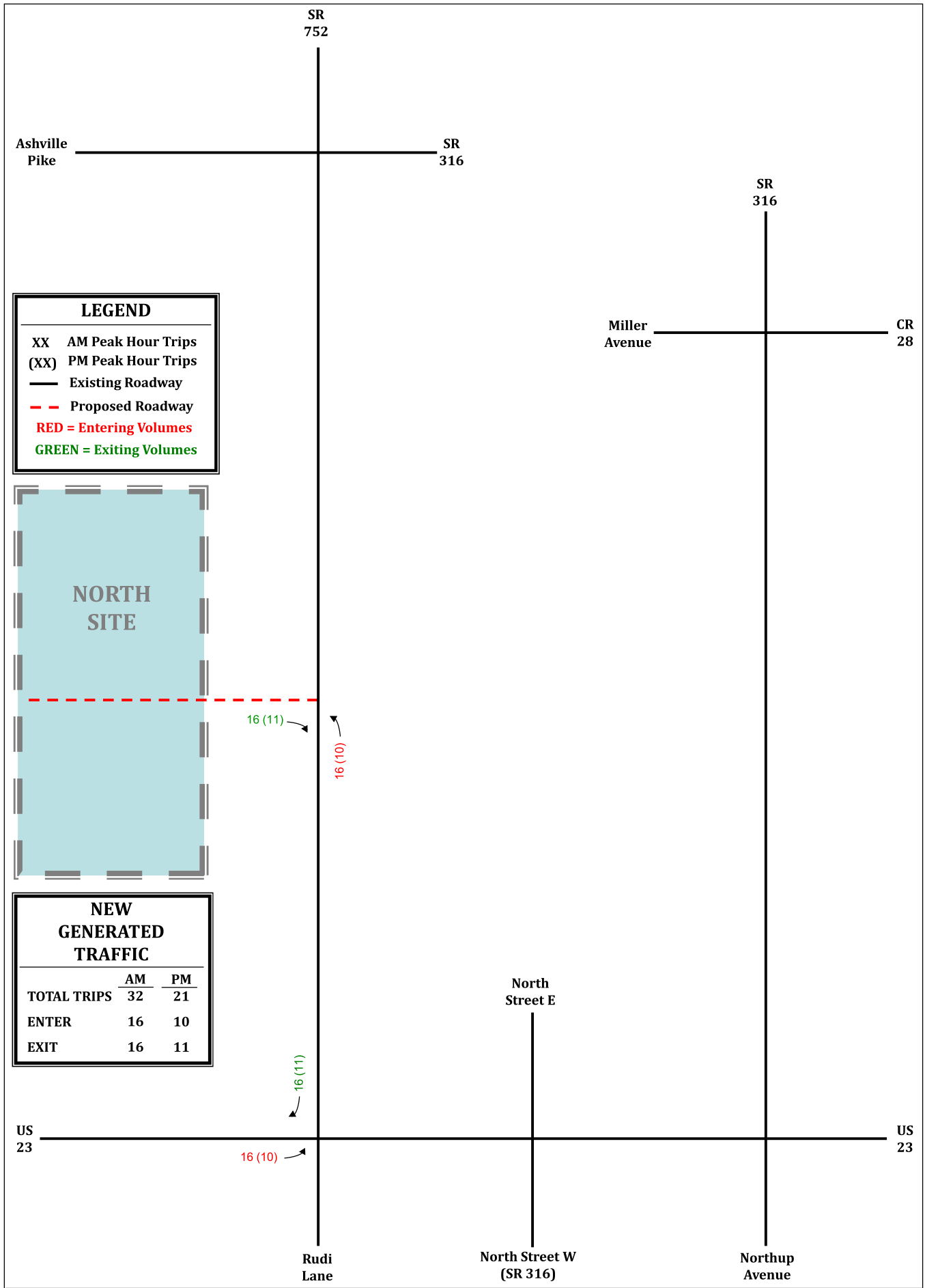
LEGEND

- XX AM Peak Hour Trips
- (XX) PM Peak Hour Trips
- Existing Roadway
- - Proposed Roadway
- RED = Entering Volumes
- GREEN = Exiting Volumes



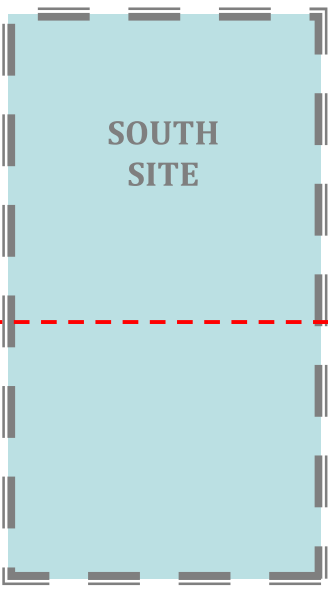
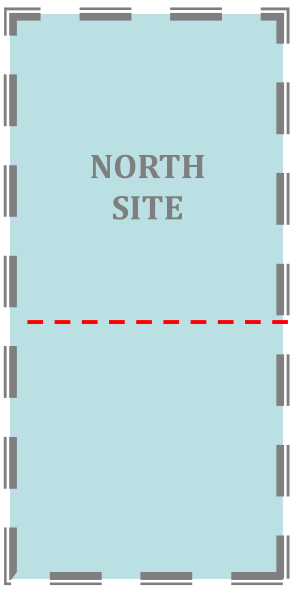
NEW GENERATED TRAFFIC

| | AM | PM |
|-------------|----|----|
| TOTAL TRIPS | 32 | 21 |
| ENTER | 16 | 10 |
| EXIT | 16 | 11 |



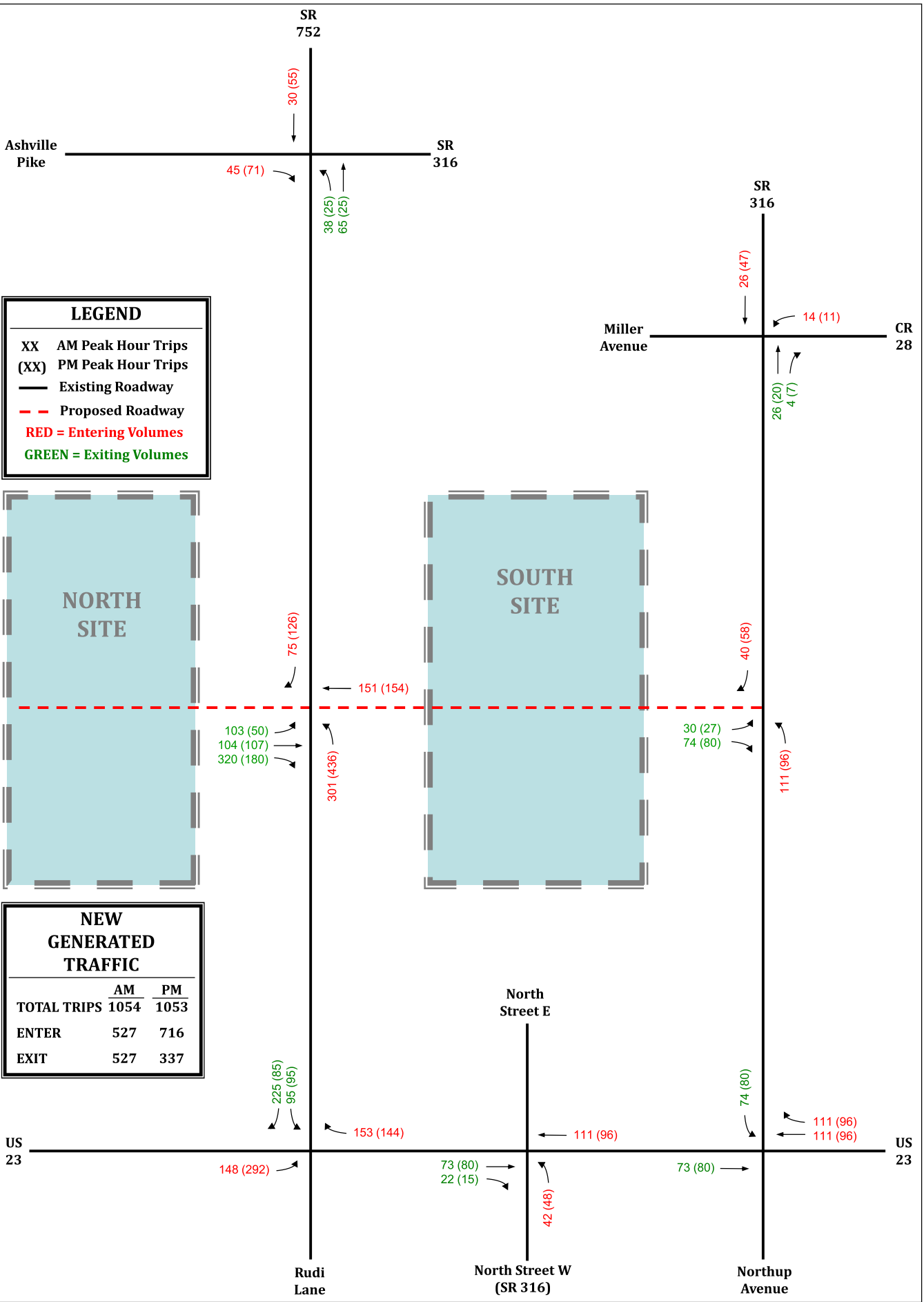
LEGEND

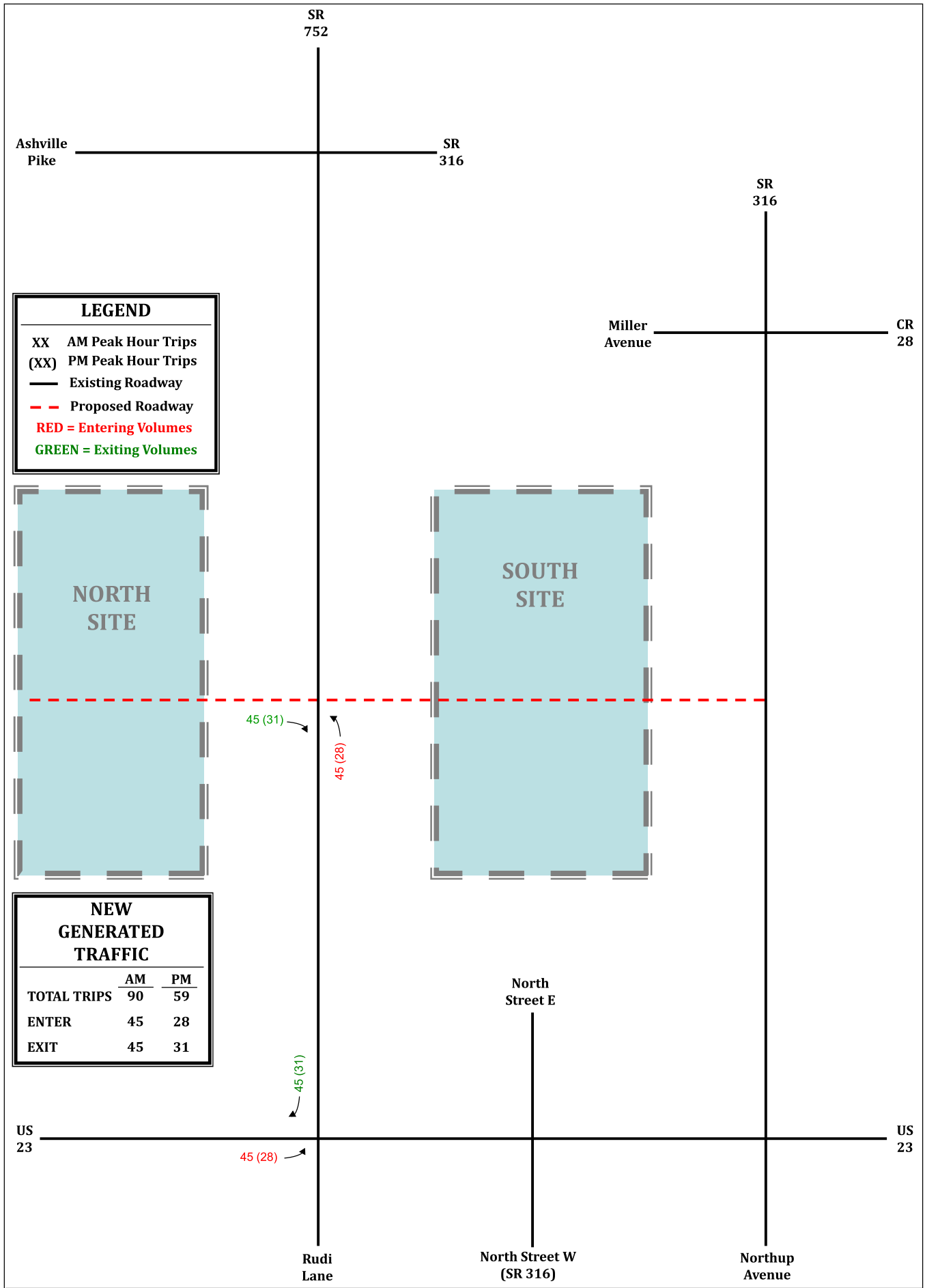
- XX AM Peak Hour Trips
- (XX) PM Peak Hour Trips
- Existing Roadway
- - - Proposed Roadway
- RED = Entering Volumes
- GREEN = Exiting Volumes



NEW GENERATED TRAFFIC

| | AM | PM |
|-------------|------|------|
| TOTAL TRIPS | 1054 | 1053 |
| ENTER | 527 | 716 |
| EXIT | 527 | 337 |





LEGEND

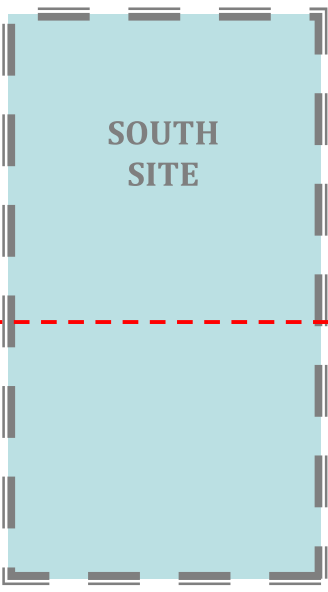
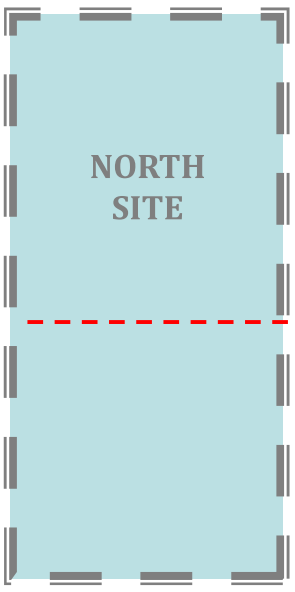
- XX AM Peak Hour Trips
- (XX) PM Peak Hour Trips
- Existing Roadway
- - - Proposed Roadway
- RED = Entering Volumes
- GREEN = Exiting Volumes

NEW GENERATED TRAFFIC

| | AM | PM |
|-------------|----|----|
| TOTAL TRIPS | 90 | 59 |
| ENTER | 45 | 28 |
| EXIT | 45 | 31 |

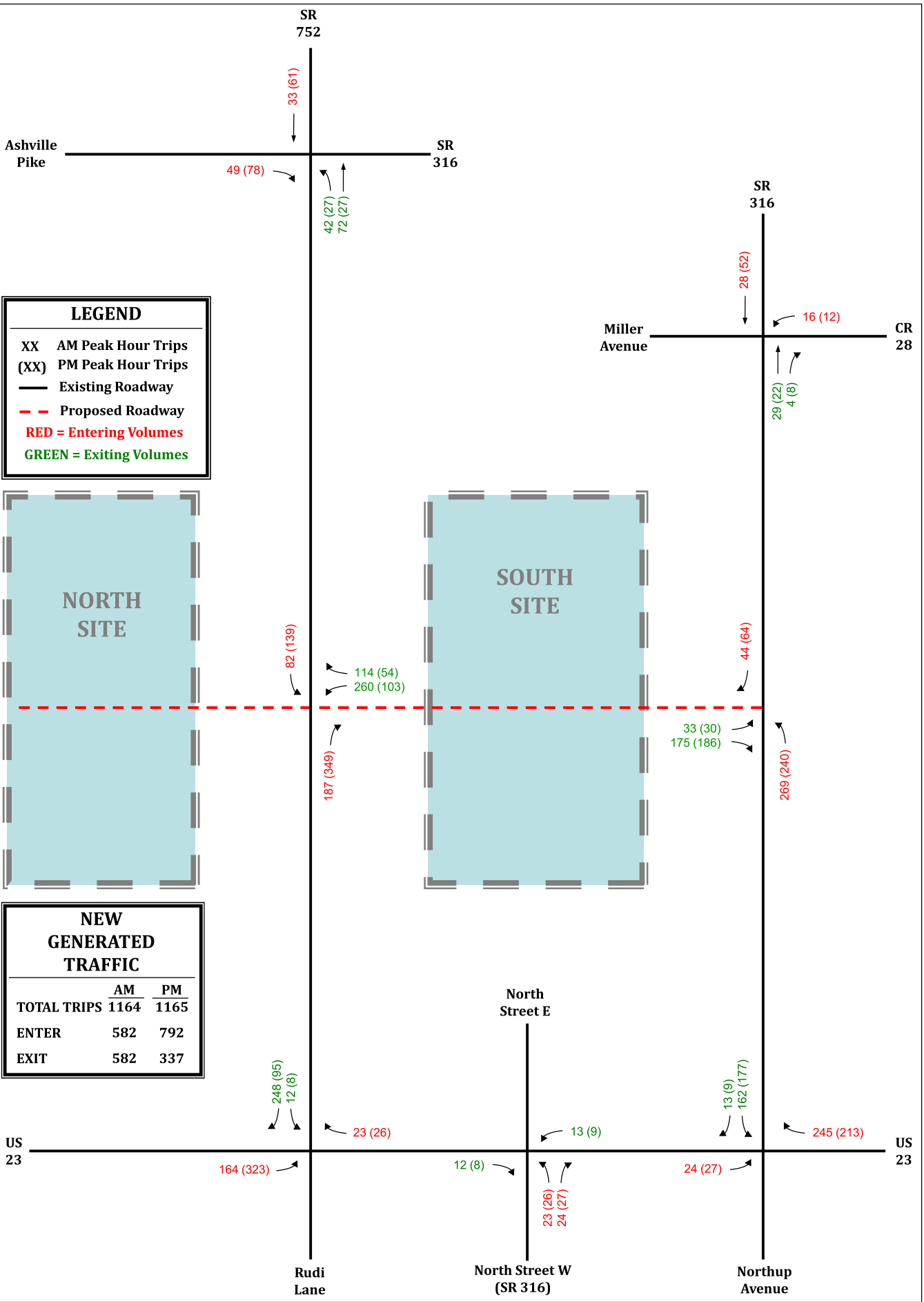
LEGEND

- XX AM Peak Hour Trips
- (XX) PM Peak Hour Trips
- Existing Roadway
- - - Proposed Roadway
- RED = Entering Volumes
- GREEN = Exiting Volumes



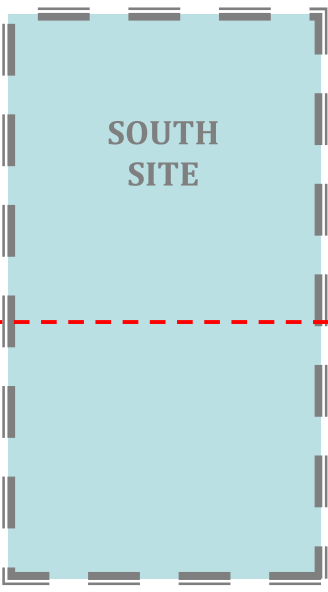
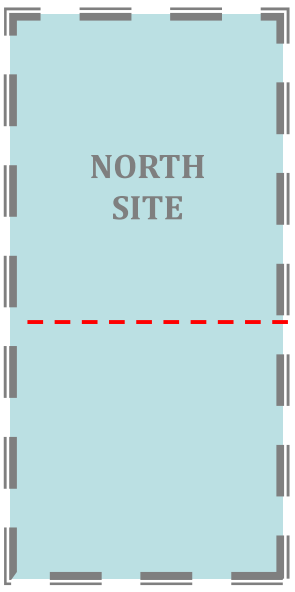
NEW GENERATED TRAFFIC

| | AM | PM |
|-------------|------|------|
| TOTAL TRIPS | 1164 | 1165 |
| ENTER | 582 | 792 |
| EXIT | 582 | 337 |



LEGEND

- XX AM Peak Hour Trips
- (XX) PM Peak Hour Trips
- Existing Roadway
- - Proposed Roadway
- RED = Entering Volumes
- GREEN = Exiting Volumes



NEW GENERATED TRAFFIC

| | AM | PM |
|-------------|-----|----|
| TOTAL TRIPS | 107 | 69 |
| ENTER | 53 | 33 |
| EXIT | 54 | 36 |

