Appendix B

METRO Blue Line Extension Route Modification Report

4/18/2022

Metro Blue Line Extension Light Rail Transit

EXISTING PARKING UTILIZATION REVIEW - MINNEAPOLIS







Existing Parking Utilization Review

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Existing Parking Utilization Review

Introduction

A parking utilization review was conducted for North Lowry Avenue, West Broadway Avenue, North Washington Avenue, and North 4th Street to quantify existing on-street parking demands along these roadways, as they have each been identified as potential routes for the Metro Blue Line Extension Light Rail Extension (LRT) project connecting Bottineau Boulevard (County Road 81) on the north and the existing terminus of the Blue Line at Target Field Station to the south. North Lyndale Avenue was not included in the review because parking is not allowed on either side of North Lyndale Avenue between Olson Memorial Highway and West Broadway Avenue. This parking review considered the following extents along the study roadways, which are illustrated in Figure 1:

- A. **North Lowry Avenue** between West Broadway Avenue and North Washington Avenue is a 1.8-mile corridor that varies from 35 feet to 82 feet in width. Bike lanes are present on both the north and south sides of North Lowry Avenue. There are approximately 81 parking spaces along this section of North Lowry Avenue and parking is allowed on seven of the 27 blocks within this segment.
- B. West Broadway Avenue between North 29th Avenue and North 4th Street is a 1.8-mile stretch corridor that varies from 55 feet to 65 feet in width. A largely commercial area, there are approximately 525 parking spaces in this section of West Broadway Avenue and parking is allowed on 23 of the 26 blocks within this segment.
- C. North Washington Avenue between North Lowry Avenue and North 10th Avenue is a 1.6-mile corridor that varies from 35 feet to 82 feet in width. There are approximately 488 parking spaces along this section of North Washington Avenue and parking is allowed on 18 of the 23 blocks within this segment. This area is industrial and semi-trucks and trailers utilize a considerable amount of the parking along this extent.
- D. **North 10th Avenue** between North 5th Street Avenue and North Washington Avenue is a 0.2-mile corridor that is approximately 40 feet in width. There are approximately 33 parking spaces along this section of North 10th Avenue and parking is allowed on both blocks of this segment.

Data Collection

As part of the data collection effort, an inventory of available on-street parking by block was conducted, and parking demand was observed for numerous time periods throughout several weekdays and weekends, as described in the following sections.

Parking Inventory

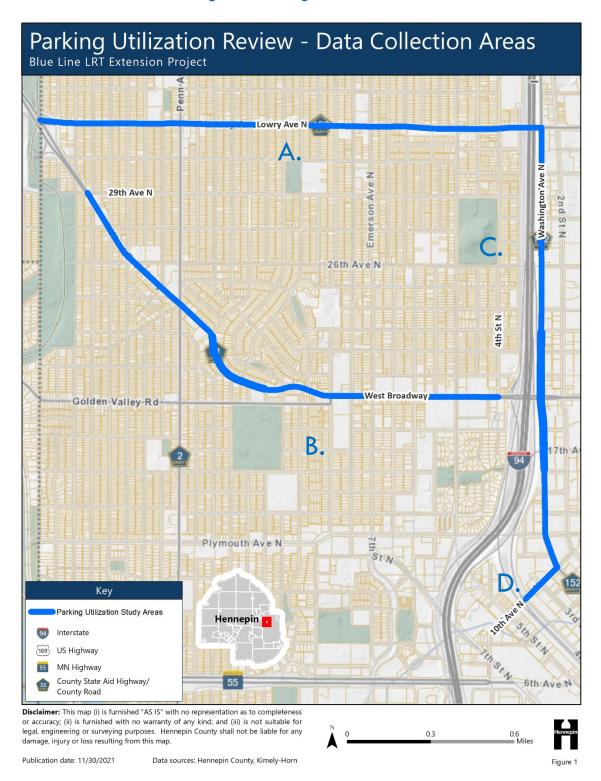
An inventory of on-street parking was conducted by block along the study roadways to quantify existing parking availability. In most cases, parking spaces are currently unmarked; accordingly, a 20-foot design vehicle was assumed to calculate the number of available spaces while accounting for existing parking restrictions. It is noted that along the study roadways, there are various temporal parking restrictions. For the purposes of this review, the presence of these parking restrictions is acknowledged but they were not specifically considered in the analyses.

The results of the existing parking inventory are illustrated in Figure 2 and indicate that the study roadways have the following approximate number of on-street parking spaces:

- North Lowry Avenue 81
- West Broadway Avenue 525
- North Washington Avenue 488
- North 10th Avenue 33



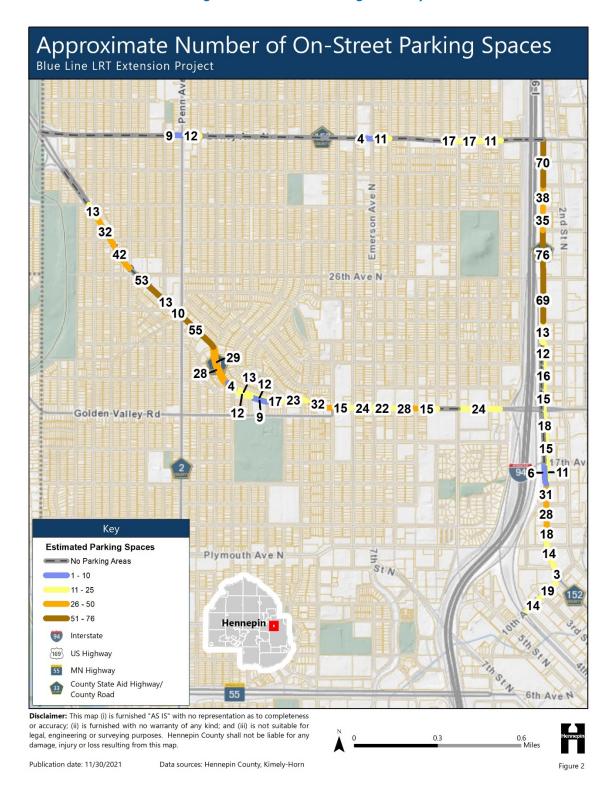
Figure 1 - Parking Review Extents



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Figure 2 - On-Street Parking Inventory



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Parking Data

Parking demand data was collected along the study roadways over the course of 25 time periods in June and July 2021. Sign-Up Genius was utilized by project staff to select time periods for collecting parking data in two-hour increments from 6:00 AM to 10:00 PM.

The County established a data collection route consisting of the four study roadways, and the parking data was collected using one of two methods:

- Two observers (driver and passenger) rode the routes with the passenger noting the number of occupied spaces; or
- A single observer collected video footage of the routes using a GoPro camera and then watched the recording to note the number of occupied parking spaces.

The parking data was collected on a block-by-block basis as summarized in Table 1.

Table 1 - Data Collection Dates and Times

| Date | Time |
|--------------------------|----------------------|
| Thursday, June 17, 2021 | 8:30 AM to 9:30 AM |
| Thursday, June 17, 2021 | 8:00 PM to 9:30 PM |
| Tuesday, June 22, 2021 | 1:30 PM to 3:00 PM |
| Monday, June 28, 2021 | 8:30 PM to 9:30 PM |
| Tuesday, June 29, 2021 | 10:00 AM to 11:30 AM |
| Wednesday, June 30, 2021 | 4:30 PM to 6:00 PM |
| Wednesday, July 7, 2021 | 10:00 AM to 11:00 AM |
| Wednesday, July 7, 2021 | 12:00 PM to 1:30 PM |
| Wednesday, July 7, 2021 | 2:00 PM to 3:00 PM |
| Thursday, July 8, 2021 | 10:00 AM to 11:30 AM |
| Thursday, July 8, 2021 | 12:00 PM to 1:30 PM |
| Thursday, July 8, 2021 | 2:30 PM to 3:30 PM |
| Friday, July 9, 2021 | 7:00 AM to 8:00 AM |
| Friday, July 9, 2021 | 8:00 AM to 9:00 AM |
| Friday, July 9, 2021 | 10:00 AM to 11:30 AM |
| Tuesday, July 13, 2021 | 10:30 AM to 12:00 PM |
| Tuesday, July 13, 2021 | 12:30 PM to 1:30 PM |
| Wednesday, July 14, 2021 | 8:00 AM to 9:30 AM |
| Wednesday, July 14, 2021 | 11:00 AM to 12:00 PM |
| Monday, July 19, 2021 | 8:00 AM to 8:30 AM |
| Thursday, July 22, 2021 | 3:00 PM to 3:30 PM |
| Friday, July 23, 2021 | 9:30 AM to 10:30 AM |
| Saturday, July 24, 2021 | 9:30 AM to 10:00 AM |
| Sunday, July 25, 2021 | 10:00 AM to 10:30 AM |
| Monday, July 26, 2021 | 12:30 PM to 2:00 PM |



Existing Parking Utilization Review



Existing Parking Utilization Review

Parking Utilization Summary

Based upon the results of the data collection effort, parking utilization rates were calculated for the study roadways, and parking utilization graphics were developed using GIS. For the purposes of this review, the parking utilization rate was determined by dividing the number of spaces occupied by the total number of available spaces on a block-by-block basis for the study roadways.

Parking utilization results were evaluated during the following time periods:

- Overall Weekdays
- Weekday Mornings (between 6:00 AM and 10:00 AM)
- Weekday Middays (between 10:00 AM and 2:00 PM)
- Weekday Afternoons (between 2:00 PM and 6:00 PM)
- Weekday Evenings (between 6:00 PM and 10:00 PM)
- Overall Weekends

Appendix B

The following sections document the calculated maximum and average parking utilization rates and average parking counts collected for each of these time periods.

Overall Weekdays Summary

- There were 23 data points for Overall Weekdays.
- Figure 3 illustrates the Parking Utilization for Overall Weekdays.
- Table 2 shows the maximum average and overall average utilization rates for Overall Weekdays.
- Table 3 summarizes the average number of parking spaces utilized for Overall Weekdays.

Table 2 - Parking Utilization Rate Summary for Weekdays

| Roadway | Overall Average Utilization Rate | Maximum Average Utilization Rate | Roadway Segment |
|-------------------------------|---|---|---|
| North Lowry Avenue | 7.1% | 68.2% | Lyndale Avenue to North 6th Street |
| West Broadway Avenue | 5.4% | 22.0% | Penn Avenue to Logan Avenue |
| North Washington Avenue | 30.7% | 79.8% | Plymouth Avenue to North 12th Avenue |
| North 10 th Avenue | 40.1% | 46.2% | North 4th Street to North 3rd Street |

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Existing Parking Utilization Review

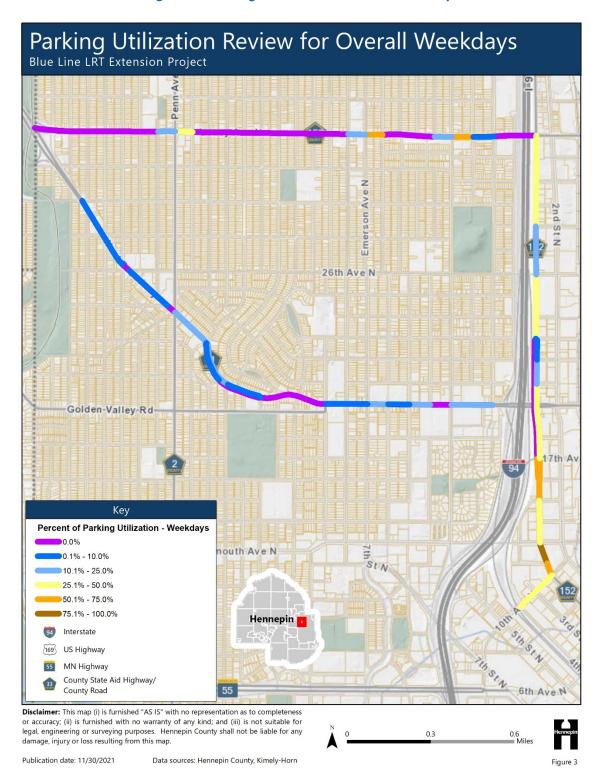
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Table 3 - Average Parking Demand for Overall Weekdays

| Roadway | Total Average Number of Vehicles | Maximum Average Number of Vehicles | Roadway Segment |
|-------------------------|--|--|---|
| North Lowry Avenue | 26 | 12 | Lyndale Avenue to North 6th Street |
| West Broadway Avenue | 41 | 12 | Penn Avenue to Logan Avenue |
| North Washington Avenue | 119 | 21 | North 26 th Avenue to North 24 th Avenue |
| North 10th Avenue | 13 | 7 | North 4th Street to North 3rd Street |



Figure 3 - Parking Utilization for Overall Weekdays



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Weekday Mornings Summary

- There were 6 data points for Weekday Mornings between 6:00 AM and 10:00 AM.
- Figure 4 illustrates the Parking Utilization for Weekday Mornings.
- Table 4 shows the maximum average and overall average utilization rates for Weekday Mornings.
- Table 5 summarizes the average number of parking spaces utilized for Weekday Mornings.

Table 4 - Parking Utilization Rate Summary for Weekday Mornings

| Roadway | Overall Average Utilization Rate | Maximum Average Utilization Rate | Roadway Segment |
|-------------------------------|---|---|---|
| North Lowry Avenue | 4.5% | 62.7% | Lyndale Avenue to North 6 th Street |
| West Broadway Avenue | 4.4% | 29.1% | Newton Avenue to Morgan Avenue |
| North Washington Avenue | 27.3% | 80.9% | Plymouth Avenue to North 12 th Avenue |
| North 10 th Avenue | 31.1% | 33.3% | North 4th Street to North 3rd Street |

Table 5 - Average Parking Demand for Weekday Mornings

| Roadway | Total Average Number of Vehicles | Maximum Average Number of Vehicles | Roadway Segment |
|----------------------------|--|--|---|
| North Lowry Avenue | 18 | 11 | Lyndale Avenue to North 6th Street |
| West Broadway Avenue | 25 | 5 | Logan Avenue to Newton Avenue |
| North Washington Avenue | 119 | 20 | North 26 th Avenue to North 24 th Avenue |
| North 10th Avenue | 10 | 6 | North 3rd Street to North Washington Avenue |



Figure 4 - Parking Utilization for Weekday Mornings



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Weekday Middays Summary

- There were 10 data points for Weekday Middays between 10:00 AM and 2:00 PM.
- Figure 5 illustrates the Parking Utilization for Weekday Middays.
- Table 6 shows the maximum average and overall average utilization rates for Weekday Middays.
- Table 7 summarizes the average number of parking spaces utilized for Weekday Middays.

Table 6 - Parking Utilization Rate Summary for Weekday Middays

| Roadway | Overall Average Utilization Rate | Maximum Average Utilization Rate | Roadway Segment |
|----------------------------|---|---|---|
| North Lowry Avenue | 8.2% | 77.2% | Emerson Avenue to Dupont Avenue |
| West Broadway Avenue | 6.1% | 26.9% | Penn Avenue to Logan Avenue |
| North Washington Avenue | 31.9% | 92.1% | Plymouth Avenue to North 12 th Avenue |
| North 10th Avenue | 43.7% | 52.1% | North 4th Street to North 3rd Street |

Table 7 - Average Parking Demand for Weekday Middays

| Roadway | Total Average Number of Vehicles | Maximum Average Number of Vehicles | Roadway Segment |
|-------------------------|--|--|---|
| North Lowry Avenue | 30 | 12 | Lyndale Avenue to North 6th Street |
| West Broadway Avenue | 48 | 15 | Penn Avenue to Logan Avenue |
| North Washington Avenue | 121 | 23 | North 26 th Avenue to North 24 th Avenue |
| North 10th Avenue | 14 | 7 | North 4th Street to North 3rd Street |



Figure 5 - Parking Utilization for Weekday Middays



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Weekday Afternoons Summary

- There were 5 data points for Weekday Afternoons between 2:00 PM and 6:00 PM.
- Figure 6 illustrates the Parking Utilization for Weekday Afternoons.
- Table 8 shows the maximum average and overall average utilization rates for Weekday Afternoons.
- Table 9 summarizes the average number of parking spaces utilized for Weekday Afternoons.

Table 8 - Parking Utilization Rate Summary for Weekday Afternoons

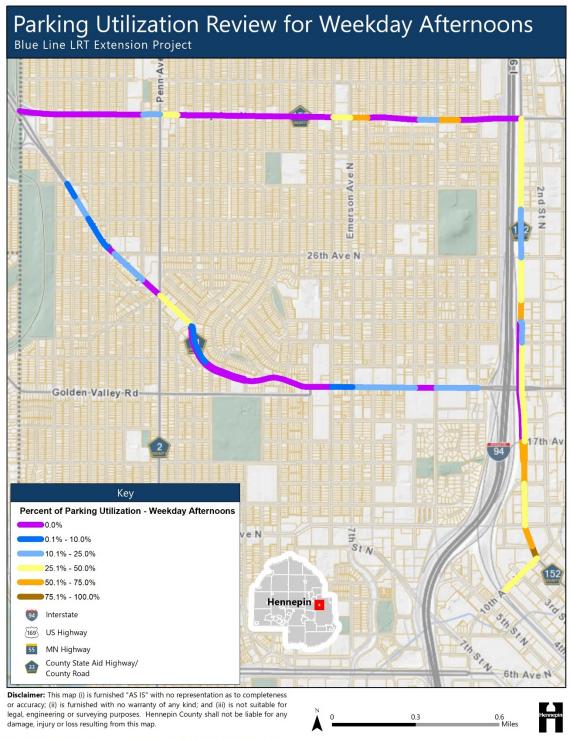
| Roadway | Overall Average Utilization Rate | Maximum Average Utilization Rate | Roadway Segment |
|----------------------------|---|---|---|
| North Lowry Avenue | 9.2% | 71.7% | Lyndale Avenue to North 6th Street |
| West Broadway Avenue | 5.3% | 30.1% | Penn Avenue to Logan Avenue |
| North Washington Avenue | 35.2% | 100.0% | North 12 th Avenue to North 10 th Avenue |
| North 10th Avenue | 36.3% | 44.2% | North 4th Street to North 3rd Street |

Table 9 - Average Parking Demand for Weekday Afternoons

| Roadway | Total Average Number of Vehicles | Maximum Average Number of Vehicles | Roadway Segment |
|----------------------------|--|--|---|
| North Lowry Avenue | 30 | 12 | Lyndale Avenue to North 6th Street |
| West Broadway Avenue | 47 | 1 <i>7</i> | Penn Avenue to Logan Avenue |
| North Washington Avenue | 123 | 19 | North 26 th Avenue to North 24 th Avenue |
| North 10th Avenue | 12 | 6 | North 4th Street to North 3rd Street |



Figure 6 - Parking Utilization for Weekday Afternoons



Publication date: 11/30/2021

Data sources: Hennepin County, Kimely-Horn



Figure 6



Appendix B

Metro Blue Line Extension LRT

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Weekday Evenings Summary

- There were 2 data points for Weekday Evenings between 6:00 PM and 10:00 PM.
- Figure 7 illustrates the Parking Utilization for Weekday Evenings.
- Table 10 shows maximum average and overall average utilization rates for Weekday Evenings.
- Table 11 summarizes the average number of parking spaces utilized for Weekday Evenings.

Table 10 - Parking Utilization Rate Summary for Weekday Evenings

| Roadway | Overall Average Utilization Rate | Maximum Average Utilization Rate | Roadway Segment |
|-------------------------------|---|---|---|
| North Lowry Avenue | 4.0% | 79.4% | Lyndale Avenue to North 6th Street |
| West Broadway Avenue | 5.0% | 34.6% | North 29 th Avenue to Upton Avenue |
| North Washington Avenue | 23.8% | 66.3% | North 17 th Avenue to North 16 th Avenue |
| North 10 th Avenue | 59.3% | 60.7% | North 4th Street to North 3rd Street |

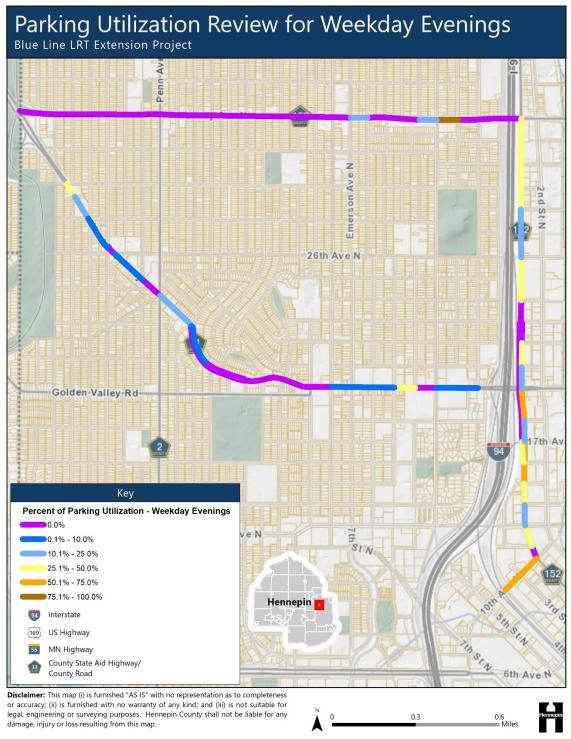
Table 11 - Average Parking Demand for Weekday Evenings

| Roadway | Total Average Number of Vehicles | Maximum Average Number of Vehicles | Roadway Segment |
|-------------------------|--|--|---|
| North Lowry Avenue | 18 | 14 | Lyndale Avenue to North 6th Street |
| West Broadway Avenue | 36 | 11 | Penn Avenue to Logan Avenue |
| North Washington Avenue | 103 | 20 | North 26 th Avenue to North 24 th Avenue |
| North 10th Avenue | 20 | 11 | North 3rd Street to North Washington Avenue |

4/18/2022



Figure 7 – Parking Utilization for Weekday Evenings



Publication date: 11/30/2021

Data sources: Hennepin County, Kimely-Horn





Figure 7



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Overall Weekends Summary

- There were 2 data points for Overall Weekends.
- Figure 8 illustrates the Parking Utilization for Overall Weekends.
- Table 12 shows the maximum average and overall average utilization rates for Overall Weekends.
- Table 13 summarizes the average number of parking spaces utilized for Overall Weekends.

Table 12 - Parking Utilization Rate Summary for Overall Weekends

| Roadway | Overall Average Utilization Rate | Maximum Average Utilization Rate | Roadway Segment |
|-------------------------|---|---|---|
| North Lowry Avenue | 4.3% | 64.7% | Lyndale Avenue to North 6th Street |
| West Broadway Avenue | 2.5% | 22.4% | Logan Avenue to Newton Avenue |
| North Washington Avenue | 22.8% | 51.6% | North 17 th Avenue to North 16 th Avenue |
| North 10th Avenue | 42.8% | 50.0% | North 3rd Street to North Washington Avenue |

Table 13 – Average Parking Demand for Overall Weekends

| Roadway | Total Average Number of Vehicles | Maximum Average Number of Vehicles | Roadway Segment | | | | |
|----------------------------|--|--|---|--|--|--|--|
| North Lowry Avenue | 19 | 11 | Lyndale Avenue to North 6th Street | | | | |
| West Broadway Avenue | 24 | 7 | Penn Avenue to Logan Avenue | | | | |
| North Washington Avenue | 108 | 22 | Lowry Avenue to North 30th Avenue | | | | |
| North 10th Avenue | 15 | 10 | North 3rd Street to North Washington Avenue | | | | |



Figure 8 - Parking Utilization for Overall Weekends



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Existing Parking Utilization Review

| Parking Study Data Tables - Data Catalog | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|
| Column Name | Description | | | | | | | | |
| Roadway | Name of the roadway that the survey segment belongs to. | | | | | | | | |
| From Roadway Intersection | Name of roadway intersection that the survey segment starts from. | | | | | | | | |
| To Roadway Intersection | Name of roadway intersection that the survey segment ends at. | | | | | | | | |
| Estimated Parking Spaces - North or East Side of Roadway | Number of estimated parking spaces available on the north or east side of survey segment. | | | | | | | | |
| Estimated Parking Spaces - South or West Side of Roadway | Number of estimated parking spaces available on the south or west side of survey segment. | | | | | | | | |
| Total Estimated Parking Spaces | Number of estimated parking spaces available on the survey segment (both sides of segment). | | | | | | | | |
| Number of Surveys Conducted | Number of parking inventory survey runs included in the summary statics of the dataset. | | | | | | | | |
| Freight Parking Adjustment Factor | Freight truck space utilization factor used in the calculation of parking space utilization. | | | | | | | | |
| Average Number of Freight Trucks Parked | Average number of freight vehicles parked on a survey segment. | | | | | | | | |
| Average Number of Automobiles Parked | Average number of passenger vehicles parked on a survey segment. | | | | | | | | |
| Average Devising Hailingtion | Average percent of parking space utilization for all vehicle type on the survey segment. | | | | | | | | |
| Average Parking Utilization | Calculation : ((Average Number of Freight Trucks Parked * Freight Parking Adjustment Factor) + Average Number of Automobiles Parked / Total Estimated Parking Spaces) * 100 | | | | | | | | |
| Average Number of Vehicles Parked | Average number of all vehicle types parked on a survey segment. | | | | | | | | |

| | | | | Parking Study Data | Table - Overall | Weekdays (| (M-F) | | | | |
|---------------------------------------|------------------------------|------------------------------|--|--|--------------------------------|-----------------------------------|--------------------------------------|---|--------------------------------------|--------------------------------|-----------------------------------|
| Roadway | From Roadway Intersection | To Roadway Intersection | Estimated Parking Spaces - North or East Side of Roadway | Estimated Parking Spaces - South or West Side of Roadway | Total Estimated Parking Spaces | Number of Surveys Conducted | Freight Parking Adjustment Factor | Average Number of Freight Trucks Parked | Average Number of Automobiles Parked | Average Parking Utilization | Average Number of Vehicles Parked |
| West Broadway | 4th St | Lyndale Ave | 21 | 3 | 24 | 23 | 1.0 | 0.00 | 4.48 | 18.7% | 4.48 |
| | Lyndale Ave Aldrich Ave | Aldrich Ave Bryant Ave | 0 5 | 0 10 | 0 15 | 23 23 | 1.0 1.0 | 0.00 | 0.09 2.26 | 0.0% 15.1% | 0.09 2.26 |
| | Bryant Ave | Dupont Ave | 12 | 16 | 28 | 23 | 1.0 | 0.13 | 2.43 | 9.2% | 2.57 |
| · · · · · · · · · · · · · · · · · · · | Dupont Ave | Emerson Ave | 12 | 10 | 22 | 23 | 1.0 | 0.26 | 3.57 | 17.4% | 3.83 |
| | Emerson Ave | Fremont Ave | 10 | 14 | 24 | 23 | 1.0 | 0.17 | 0.70 | 3.6% | 0.87 |
| · | Fremont Ave Girard Ave | Girard Ave | 15 15 | 0 17 | 15 32 | 23 23 | 1.0 1.0 | 0.04 0.00 | 0.13 0.00 | 1.2% 0.0% | 0.17 0.00 |
| | Irving Ave | Irving Ave James Ave | 11 | 12 | 23 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | James Ave | Knox Ave | 6 | 11 | 17 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Knox Ave | Logan Ave | 12 | 0 | 12 | 23 | 1.0 | 0.00 | 0.26 | 2.2% | 0.26 |
| | Knox Ave | Logan Ave | 0 | 9 | 9 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway West Broadway | Logan Ave Logan Ave | Morgan Ave Morgan Ave | 13 0 | 0 12 | 13 12 | 23 23 | 1.0 1.0 | 0.00 | 0.30 0.00 | 2.3% 0.0% | 0.30 |
| | Morgan Ave | Newton Ave | 4 | 0 | 4 | 23 | 1.0 | 0.00 | 0.48 | 12.0% | 0.48 |
| West Broadway | Morgan Ave | Newton Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.13 | 0.0% | 0.13 |
| - | Newton Ave | Logan Ave | 29 | 0 | 29 | 23 | 1.0 | 0.26 | 3.70 | 13.6% | 3.96 |
| West Broadway West Broadway | Newton Ave Logan Ave | Logan Ave Penn Ave | 0 31 | 28 24 | 28 55 | 23 23 | 1.0 1.0 | 0.00 | 0.17 12.13 | 0.6% 22.1% | 0.17 12.13 |
| · · · · · · · · · · · · · · · · · · · | Penn Ave | 24th Ave | 4 | 6 | 10 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | 24th Ave | Quenn Ave | 9 | 4 | 13 | 23 | 1.0 | 0.00 | 0.09 | 0.7% | 0.09 |
| | Queen Ave | 26th Ave | 21 | 32 | 53 | 23 | 1.0 | 0.22 | 4.09 | 8.1% | 4.30 |
| | 26th Ave Sheridan Ave | Sheridan Ave 27th Ave | 0 18 | 0 24 | 0 42 | 23 23 | 1.0 1.0 | 0.04 0.00 | 0.17 0.87 | 0.0% 2.1% | 0.22 0.87 |
| | 27th Ave | Upton Ave | 18 | 24 15 | 32 | 23 | 1.0 | 0.00 | 2.48 | 9.0% | 2.87 |
| West Broadway | | 29th Ave | 4 | 9 | 13 | 23 | 1.0 | 0.13 | 0.39 | 4.0% | 0.52 |
| N 10th Ave | N 4th St | N 3rd St | 0 | 14 | 14 | 23 | 1.0 | 0.04 | 6.43 | 46.3% | 6.48 |
| N 10th Ave | N 3rd St | Washington Ave N 12th Ave | 5 | 14 3 | 19 | 23 23 | 1.0 2.1 | 0.04 0.00 | 6.43 | 34.1% | 6.48 2.09 |
| Washington Ave Washington Ave | | Plymouth Ave | 0 0 | 14 | 3 14 | 23 | 2.1 | 0.00 | 2.09 11.17 | 69.6% 79.8% | 11.17 |
| Washington Ave | | N 14th Ave | 12 | 6 | 18 | 23 | 2.1 | 1.48 | 2.43 | 30.8% | 3.91 |
| Washington Ave | | N 15th Ave | 13 | 15 | 28 | 23 | 2.1 | 3.39 | 4.17 | 40.3% | 7.57 |
| Washington Ave | | N 16th Ave | 17 | 14 | 31 | 23 | 2.1 | 7.39 | 1.39 | 54.6% | 8.78 |
| Washington Ave Washington Ave | | N 17th Ave N 17th Ave | 11 0 | <u> </u> | 11 6 | 23 23 | 2.1 | 1.87 1.35 | 2.13 0.65 | 55.1% 58.0% | 4.00 2.00 |
| Washington Ave | | N 18th Ave | 15 | 0 | 15 | 23 | 2.1 | 1.61 | 1.13 | 30.1% | 2.74 |
| Washington Ave | | N 18th Ave | 0 | 0 | 0 | 23 | 2.1 | 0.13 | 0.09 | 0.0% | 0.22 |
| Washington Ave | | W Broadway Ave | | 0 | 18 | 23 | 2.1 | 0.61 | 6.70 | 44.3% | 7.30 |
| Washington Ave | N 18th Ave W Broadway Ave | W Broadway Ave | 0 15 | 0 | 0 15 | 23 23 | 2.1 2.1 | 0.00 0.22 | 0.00 4.39 | 0.0% 32.3% | 0.00 4.61 |
| | W Broadway Ave | | 0 | 0 | 0 | 23 | 2.1 | 0.00 | 0.00 | 0.0% | 0.04 |
| Washington Ave | | N 22nd Ave | 16 | 0 | 16 | 23 | 2.1 | 0.52 | 1.57 | 16.6% | 2.09 |
| Washington Ave | | N 22nd Ave | 0 | 0 | 0 | 23 | 2.1 | 0.09 | 0.04 | 0.0% | 0.13 |
| Washington Ave Washington Ave | | N 23rd Ave N 23rd Ave | 12 | 0 | 12 0 | 23 23 | 2.1 | 0.26 0.04 | 0.39 0.04 | 7.8% 0.0% | 0.65 0.09 |
| Washington Ave | | N 24th Ave | 13 | 0 | 13 | 23 | 2.1 | 1.09 | 1.22 | 26.9% | 2.30 |
| Washington Ave | | N 26th Ave | 35 | 34 | 69 | 23 | 2.1 | 9.00 | 11.91 | 44.7% | 20.91 |
| Washington Ave | | N 28th Ave | 35 | 41 | 76 | 23 | 2.1 | 5.13 | 2.65 | 17.7% | 7.78 |
| Washington Ave | | N 29th Ave N 30th Ave | 15 | 20 | 35 | 23 23 | 2.1 | 2.87 | 4.61 | 30.4% | 7.48 |
| Washington Ave Washington Ave | | Lowry Ave | 16 30 | 22 40 | 38 70 | 23 | 2.1 | 3.61 8.52 | 5.78 5.30 | 35.2% 33.1% | 9.39 13.83 |
| Lowry Ave | Washington Ave | N 3rd St | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 3rd St | N 4th St | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 4th St | N 6th St | 7 | 11 | 11 | 23 | 1.0 | 0.00 | 0.04 | 0.4% | 0.04 |
| Lowry Ave Lowry Ave | N 6th St Lyndale Ave | Lyndale Ave Aldrich Ave | 4 | 10 13 | 17 17 | 23 23 | 1.0 1.0 | 0.04 0.13 | 11.57 2.83 | 68.3% 17.4% | 11.61 2.96 |
| Lowry Ave | Aldrich Ave | Byrant Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.04 | 0.0% | 0.04 |
| Lowry Ave | Bryant Ave | Colfax Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Colfax Ave | Dupont Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.22 | 0.0% | 0.22 |
| Lowry Ave Lowry Ave | Dupont Ave Emerson Ave | Emerson Ave Fremont Ave | 5 | <u>6</u> 4 | 11 4 | 23 23 | 1.0 1.0 | 0.00 | 5.61 0.43 | 51.0% 10.9% | 5.61 0.43 |
| Lowry Ave | Fremont Ave | Girard Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · | Girard Ave | Humboldt Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.04 | 0.0% | 0.04 |
| Lowry Ave | Humboldt Ave | Irving Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave | Irving Ave James Ave | James Ave Knox Ave | 0 0 | 0 | 0 | 23 23 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| Lowry Ave | Knox Ave | Logan Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Logan Ave | Morgan Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Morgan Ave | Newton Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Newton Ave Oliver Ave | Oliver Ave | 0 6 | <u> </u> | 12 | 23 23 | 1.0 | 0.00 | 0.04 3.43 | 0.0% 28.6% | 0.04 3.43 |
| Lowry Ave Lowry Ave | Penn Ave | Penn Ave Queen Ave | 4 | <u> </u> | 12 9 | 23 | 1.0 1.0 | 0.00 | 3.43 1.43 | 28.6% 15.9% | 1.43 |
| Lowry Ave | Queen Ave | Russell Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Russell Ave | Sheridan Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | Sheridan Ave | Thomas Ave | 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Thomas Ave Upton Ave | Upton Ave Vincent Ave | 0 0 | 0 | 0 | 23 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave | | W Broadway Ave | | 0 | 0 | 23 23 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| , | | | <u> </u> | <u> </u> | <u> </u> | | | 1 | 1 | 1 3.575 | |

| | | | | Parking Study Data Tab | le - Weekday M | lornings (6a | m-10am) | | | | |
|---------------------------------------|------------------------------|----------------------------|--|--|--------------------------------|-----------------------------------|--------------------------------------|---|--------------------------------------|--------------------------------|-----------------------------------|
| Roadway | From Roadway Intersection | To Roadway Intersection | Estimated Parking Spaces - North or East Side of Roadway | Estimated Parking Spaces - South or West Side of Roadway | Total Estimated Parking Spaces | Number of Surveys Conducted | Freight Parking Adjustment Factor | Average Number of Freight Trucks Parked | Average Number of Automobiles Parked | Average Parking Utilization | Average Number of Vehicles Parked |
| | 4th St | Lyndale Ave | 21 | 3 | 24 | 6 | 1.0 | 0.00 | 3.83 | 16.0% | 3.83 |
| | Lyndale Ave | Aldrich Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | | Bryant Ave Dupont Ave | 5 12 | 10 16 | 15 28 | 6 | 1.0 1.0 | 0.00 0.33 | 1.00 0.33 | 6.7% 2.4% | 1.00 0.67 |
| · · · | Dupont Ave | Emerson Ave | 12 | 10 | 22 | 6 | 1.0 | 0.50 | 1.83 | 10.6% | 2.33 |
| · · · | Emerson Ave | Fremont Ave | 10 | 14 | 24 | 6 | 1.0 | 0.00 | 0.50 | 2.1% | 0.50 |
| West Broadway | Fremont Ave | Girard Ave | 15 | 0 | 15 | 6 | 1.0 | 0.00 | 0.17 | 1.1% | 0.17 |
| West Broadway | Girard Ave | Irving Ave | 15 | 17 | 32 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · | Irving Ave | James Ave | 11 | 12 | 23 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | James Ave Knox Ave | Knox Ave | 6 12 | 11 0 | 17 | 6 6 | 1.0 1.0 | 0.00 | 0.00 0.33 | 0.0% 2.8% | 0.00 |
| · · · | Knox Ave | Logan Ave Logan Ave | 0 | 9 | 12 9 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · | Logan Ave | Morgan Ave | 13 | 0 | 13 | 6 | 1.0 | 0.00 | 0.83 | 6.4% | 0.83 |
| · · · | Logan Ave | Morgan Ave | 0 | 12 | 12 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | Morgan Ave | Newton Ave | 4 | 0 | 4 | 6 | 1.0 | 0.00 | 1.17 | 29.2% | 1.17 |
| | Morgan Ave | Newton Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| ŕ | Newton Ave | Logan Ave | 29 | 0 | 29 | 6 | 1.0 | 0.50 | 4.50 | 17.2% | 5.00 |
| | Newton Ave Logan Ave | Logan Ave Penn Ave | 0 31 | 28 24 | 28 55 | 6 | 1.0 1.0 | 0.00 | 0.50 4.33 | 1.8% 7.9% | 0.50 4.33 |
| ŕ | Penn Ave | 24th Ave | 4 | 6 | 10 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | 24th Ave | Quenn Ave | 9 | 4 | 13 | 6 | 1.0 | 0.00 | 0.33 | 2.6% | 0.33 |
| | Queen Ave | 26th Ave | 21 | 32 | 53 | 6 | 1.0 | 0.50 | 2.00 | 4.7% | 2.50 |
| | 26th Ave | Sheridan Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | Sheridan Ave | 27th Ave | 18 | 24 | 42 | 6 | 1.0 | 0.00 | 0.17 | 0.4% | 0.17 |
| | 27th Ave | Upton Ave | 17 | 15 | 32 | 6 | 1.0 | 0.50 | 0.33 | 2.6% | 0.83 |
| West Broadway N 10th Ave | • | 29th Ave N 3rd St | 0 | 9 14 | 13 14 | 6 | 1.0 | 0.00 0.17 | 0.17 4.50 | 1.3% 33.3% | 0.17 4.67 |
| | N 3rd St | Washington Ave | 5 | 14 | 19 | 6 | 1.0 | 0.00 | 5.50 | 28.9% | 5.50 |
| Washington Ave | | N 12th Ave | 0 | 3 | 3 | 6 | 2.1 | 0.00 | 1.67 | 55.6% | 1.67 |
| Washington Ave | N 12th Ave | Plymouth Ave | 0 | 14 | 14 | 6 | 2.1 | 0.00 | 11.33 | 81.0% | 11.33 |
| Washington Ave | • | N 14th Ave | 12 | 6 | 18 | 6 | 2.1 | 1.33 | 2.33 | 28.5% | 3.67 |
| Washington Ave | | N 15th Ave | 13 | 15 | 28 | 6 | 2.1 | 2.67 | 4.33 | 35.5% | 7.00 |
| Washington Ave Washington Ave | | N 16th Ave N 17th Ave | 17 11 | 14 0 | 31 11 | 6 | 2.1 | 6.00 1.17 | 3.33 2.50 | 51.4% 45.0% | 9.33 3.67 |
| Washington Ave | | N 17th Ave | 0 | 6 | 6 | 6 | 2.1 | 0.83 | 0.83 | 43.1% | 1.67 |
| Washington Ave | | N 18th Ave | 15 | 0 | 15 | 6 | 2.1 | 1.67 | 1.67 | 34.4% | 3.33 |
| Washington Ave | | N 18th Ave | 0 | 0 | 0 | 6 | 2.1 | 0.00 | 0.33 | 0.0% | 0.33 |
| Washington Ave | | W Broadway Ave | | 0 | 18 | 6 | 2.1 | 0.83 | 7.00 | 48.6% | 7.83 |
| Washington Ave | | W Broadway Ave | 0 | 0 | 0 | 6 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| | W Broadway Ave | | 15 | 0 | 15 | 6 6 | 2.1 | 0.00 | 1.67 | 11.1% | 1.67 |
| Washington Ave Washington Ave | W Broadway Ave | N 21st Ave N 22nd Ave | 0 16 | 0 | 0 16 | 6 | 2.1 | 0.00 | 0.00 0.50 | 0.0% 7.5% | 0.00 |
| Washington Ave | | N 22nd Ave | 0 | 0 | 0 | 6 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | | N 23rd Ave | 12 | 0 | 12 | 6 | 2.1 | 0.17 | 0.00 | 2.9% | 0.17 |
| Washington Ave | N 22nd Ave | N 23rd Ave | 0 | 0 | 0 | 6 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | | N 24th Ave | 13 | 0 | 13 | 6 | 2.1 | 0.33 | 1.00 | 13.1% | 1.33 |
| Washington Ave | | N 26th Ave | 35 | 34 | 69 | 6 | 2.1 | 8.17 | 12.00 | 42.2% | 20.17 |
| Washington Ave Washington Ave | | N 28th Ave N 29th Ave | 35 15 | 41 20 | 76 35 | 6 6 | 2.1 | 5.67 2.50 | 3.17 7.50 | 19.8% 36.4% | 8.83 10.00 |
| Washington Ave | | N 30th Ave | 16 | 22 | 38 | 6 | 2.1 | 3.67 | 7.00 | 38.7% | 10.67 |
| Washington Ave | | Lowry Ave | 30 | 40 | 70 | 6 | 2.1 | 8.17 | 6.83 | 34.3% | 15.00 |
| | | N 3rd St | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 3rd St | N 4th St | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | N 4th St | N 6th St | 0 | 11 | 11 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| <u> </u> | N 6th St | Lyndale Ave | 7 | 10 | 17 | 6 | 1.0 | 0.00 | 10.67 | 62.7% | 10.67 |
| Lowry Ave Lowry Ave | Lyndale Ave Aldrich Ave | Aldrich Ave Byrant Ave | 0 | 13 0 | 17 0 | 6 | 1.0 1.0 | 0.00 | 2.17 0.17 | 12.7% 0.0% | 2.17 0.17 |
| · | | Colfax Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | • | Dupont Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.17 | 0.0% | 0.17 |
| | | Emerson Ave | 5 | 6 | 11 | 6 | 1.0 | 0.00 | 1.33 | 12.1% | 1.33 |
| Lowry Ave | Emerson Ave | Fremont Ave | 0 | 4 | 4 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | | Girard Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | | Humboldt Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Humboldt Ave Irving Ave | Irving Ave James Ave | 0 0 | 0 | 0 | 6 6 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| | James Ave | Knox Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Knox Ave | Logan Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Logan Ave | Morgan Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Morgan Ave | Newton Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | | Oliver Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | Oliver Ave | Penn Ave | 6 | 6 | 12 | 6 | 1.0 | 0.00 | 2.33 | 19.4% | 2.33 |
| | Penn Ave Queen Ave | Queen Ave Russell Ave | 4 0 | 5 0 | 9 | 6 6 | 1.0 1.0 | 0.00 | 1.33 0.00 | 14.8% 0.0% | 1.33 0.00 |
| | Russell Ave | Sheridan Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Sheridan Ave | Thomas Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · | Thomas Ave | Upton Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | Upton Ave | Vincent Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Vincent Ave | W Broadway Ave | 0 | 0 | 0 | 6 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |

| Parking Study Data Table - Weekday Middays (10am-2pm) | | | | | | | | | | | |
|---|------------------------------|----------------------------|--|--|--------------------------------|-----------------------------------|--------------------------------------|---|--------------------------------------|--------------------------------|-----------------------------------|
| Roadway | From Roadway Intersection | To Roadway Intersection | Estimated Parking Spaces - North or East Side of Roadway | Estimated Parking Spaces - South or West Side of Roadway | Total Estimated Parking Spaces | Number of Surveys Conducted | Freight Parking Adjustment Factor | Average Number of Freight Trucks Parked | Average Number of Automobiles Parked | Average Parking Utilization | Average Number of Vehicles Parked |
| | 4th St | Lyndale Ave | 21 | 3 | 24 | 10 | 1.0 | 0.00 | 6.00 | 25.0% | 6.00 |
| West Broadway | Lyndale Ave | Aldrich Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.20 | 0.0% | 0.20 |
| · · · · · · · · · · · · · · · · · · · | Aldrich Ave Bryant Ave | Bryant Ave Dupont Ave | 5 12 | 10 16 | 15 28 | 10 10 | 1.0 1.0 | 0.00 | 2.50 3.20 | 16.7% 11.4% | 2.50 3.20 |
| · · · · · · · · · · · · · · · · · · · | Dupont Ave | Emerson Ave | 12 | 10 | 22 | 10 | 1.0 | 0.20 | 4.60 | 21.8% | 4.80 |
| · · · · · · · · · · · · · · · · · · · | Emerson Ave | Fremont Ave | 10 | 14 | 24 | 10 | 1.0 | 0.00 | 1.20 | 5.0% | 1.20 |
| • | Fremont Ave | Girard Ave | 15 | 0 | 15 | 10 | 1.0 | 0.10 | 0.20 | 2.0% | 0.30 |
| • | Girard Ave | Irving Ave | 15 | 17 | 32 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | Irving Ave | James Ave | 11 | 12 | 23 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | James Ave | Knox Ave | 6 | 11 | 17 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | Knox Ave | Logan Ave | 12 | 0 | 12 | 10 | 1.0 | 0.00 | 0.40 | 3.3% | 0.40 |
| | Knox Ave | Logan Ave | 0 | 9 | 9 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Logan Ave | Morgan Ave | 13 | 0 | 13 | 10 | 1.0 | 0.00 | 0.20 | 1.5% | 0.20 |
| • | Logan Ave | Morgan Ave | 0 | 12 | 12 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Morgan Ave | Newton Ave | 0 | 0 | 0 | 10 10 | 1.0 1.0 | 0.00 | 0.40 0.30 | 10.0% 0.0% | 0.40 0.30 |
| · · · · · · · · · · · · · · · · · · · | Morgan Ave Newton Ave | Newton Ave Logan Ave | 29 | 0 | 29 | 10 | 1.0 | 0.20 | 4.40 | 15.9% | 4.60 |
| · · · · · · · · · · · · · · · · · · · | Newton Ave | Logan Ave | 0 | 28 | 28 | 10 | 1.0 | 0.00 | 0.10 | 0.4% | 0.10 |
| · · · · · · · · · · · · · · · · · · · | Logan Ave | Penn Ave | 31 | 24 | 55 | 10 | 1.0 | 0.00 | 14.80 | 26.9% | 14.80 |
| • | Penn Ave | 24th Ave | 4 | 6 | 10 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | 24th Ave | Quenn Ave | 9 | 4 | 13 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | Queen Ave | 26th Ave | 21 | 32 | 53 | 10 | 1.0 | 0.00 | 4.60 | 8.7% | 4.60 |
| • | 26th Ave | Sheridan Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | Sheridan Ave | 27th Ave | 18 | 24 | 42 | 10 | 1.0 | 0.00 | 1.00 | 2.4% | 1.00 |
| | 27th Ave | Upton Ave | 17 | 15 | 32 | 10 | 1.0 | 0.10 | 3.10 | 10.0% | 3.20 |
| West Broadway | | 29th Ave | 4 | 9 | 13 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | | N 3rd St | 0 | 14 | 14 | 10 | 1.0 | 0.00 | 7.30 | 52.1% | 7.30 |
| N 10th Ave | N 3rd St | Washington Ave | 5 | 14 | 19 | 10 | 1.0 | 0.10 | 6.60 | 35.3% | 6.70 |
| Washington Ave | | N 12th Ave | 0 | 3 | 3 | 10 | 2.1 | 0.00 | 2.20 | 73.3% | 2.20 |
| Washington Ave Washington Ave | | Plymouth Ave N 14th Ave | 0 12 | 14 6 | 14 18 | 10 10 | 2.1 | 0.00 1.70 | 12.90 2.30 | 92.1% 32.6% | 12.90 4.00 |
| Washington Ave | | N 15th Ave | 13 | 15 | 28 | 10 | 2.1 | 3.60 | 4.70 | 43.8% | 8.30 |
| Washington Ave | | N 16th Ave | 17 | 14 | 31 | 10 | 2.1 | 8.10 | 1.00 | 58.1% | 9.10 |
| Washington Ave | | N 17th Ave | 11 | 0 | 11 | 10 | 2.1 | 1.90 | 2.20 | 56.3% | 4.10 |
| Washington Ave | | N 17th Ave | 0 | 6 | 6 | 10 | 2.1 | 1.70 | 0.70 | 71.2% | 2.40 |
| Washington Ave | | N 18th Ave | 15 | 0 | 15 | 10 | 2.1 | 1.50 | 1.30 | 29.7% | 2.80 |
| Washington Ave | N 17th Ave | N 18th Ave | 0 | 0 | 0 | 10 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | N 18th Ave | W Broadway Ave | 18 | 0 | 18 | 10 | 2.1 | 0.60 | 6.00 | 40.3% | 6.60 |
| Washington Ave | N 18th Ave | W Broadway Ave | | 0 | 0 | 10 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| | W Broadway Ave | | 15 | 0 | 15 | 10 | 2.1 | 0.50 | 4.90 | 39.7% | 5.40 |
| | W Broadway Ave | | 0 | 0 | 0 | 10 | 2.1 | 0.00 | 0.00 | 0.0% | 0.10 |
| Washington Ave | | N 22nd Ave | 16 | 0 | 16 | 10 | 2.1 | 0.40 | 1.20 | 12.7% | 1.60 |
| Washington Ave | | N 22nd Ave | 0 | 0 | 0 | 10 | 2.1 | 0.20 | 0.10 | 0.0% | 0.30 |
| Washington Ave Washington Ave | | N 23rd Ave N 23rd Ave | 12 0 | 0 0 | 12 0 | 10 10 | 2.1 2.1 | 0.40 0.10 | 0.20 0.10 | 8.7% 0.0% | 0.60 0.20 |
| Washington Ave | | N 24th Ave | 13 | 0 | 13 | 10 | 2.1 | 0.10 | 0.60 | 17.5% | 1.40 |
| Washington Ave | | N 26th Ave | 35 | 34 | 69 | 10 | 2.1 | 10.30 | 12.40 | 49.3% | 22.70 |
| Washington Ave | | N 28th Ave | 35 | 41 | 76 | 10 | 2.1 | 4.80 | 2.80 | 16.9% | 7.60 |
| Washington Ave | | N 29th Ave | 15 | 20 | 35 | 10 | 2.1 | 2.40 | 4.40 | 27.0% | 6.80 |
| Washington Ave | | N 30th Ave | 16 | 22 | 38 | 10 | 2.1 | 3.60 | 5.80 | 35.2% | 9.40 |
| Washington Ave | N 30th Ave | Lowry Ave | 30 | 40 | 70 | 10 | 2.1 | 8.20 | 3.80 | 30.0% | 12.00 |
| Lowry Ave | Washington Ave | N 3rd St | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 3rd St | N 4th St | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 4th St | N 6th St | 0 | 11 | 11 | 10 | 1.0 | 0.00 | 0.10 | 0.9% | 0.10 |
| Lowry Ave | N 6th St | Lyndale Ave | 7 | 10 | 17 | 10 | 1.0 | 0.00 | 11.50 | 67.6% | 11.50 |
| Lowry Ave | Lyndale Ave | Aldrich Ave | 4 | 13 | 17 | 10 | 1.0 | 0.00 | 3.30 | 19.4% | 3.30 |
| Lowry Ave | Aldrich Ave Bryant Ave | Byrant Ave Colfax Ave | 0 | 0 | 0 | 10 10 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| Lowry Ave Lowry Ave | Colfax Ave | Dupont Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | Dupont Ave | Emerson Ave | 5 | 6 | 11 | 10 | 1.0 | 0.00 | 8.50 | 77.3% | 8.50 |
| Lowry Ave | Emerson Ave | Fremont Ave | 0 | 4 | 4 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Fremont Ave | Girard Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Girard Ave | Humboldt Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.10 | 0.0% | 0.10 |
| Lowry Ave | Humboldt Ave | Irving Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Irving Ave | James Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | James Ave | Knox Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Knox Ave | Logan Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Logan Ave | Morgan Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Morgan Ave | Newton Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Newton Ave | Oliver Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.10 | 0.0% | 0.10 |
| · · · · · · · · · · · · · · · · · · · | Oliver Ave | Penn Ave | 6 | 6 | 12 | 10 | 1.0 | 0.00 | 4.20 | 35.0% | 4.20 |
| · · · · · · · · · · · · · · · · · · · | Penn Ave | Queen Ave | 4 | 5 | 9 | 10 | 1.0 | 0.00 | 2.00 | 22.2% | 2.00 |
| · · · · · · · · · · · · · · · · · · · | Queen Ave | Russell Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave | Russell Ave Sheridan Ave | Sheridan Ave Thomas Ave | 0 0 | 0 | 0 | 10 10 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| Lowry Ave Lowry Ave | Thomas Ave | Upton Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Upton Ave | Vincent Ave | 0 | 0 | 0 | 10 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | ' | W Broadway Ave | | 0 | 0 | 10 | 1.0 | 0.00 | 0.10 | 0.0% | 0.10 |
| LUVVI Y AVE | VIIICEIIL AVE | vv bioauway Ave | I U | U | ı U | 10 | 1.0 | 0.00 | 0.10 | 0.070 | 0.10 |

| | Parking Study Data Table - Weekday Afternoons (2pm-6pm) | | | | | | | | | | |
|---|---|----------------------------|--|--|--------------------------------|-----------------------------------|--------------------------------------|---|--------------------------------------|--------------------------------|-----------------------------------|
| Roadway | From Roadway Intersection | To Roadway Intersection | Estimated Parking Spaces - North or East Side of Roadway | Estimated Parking Spaces - South or West Side of Roadway | Total Estimated Parking Spaces | Number of Surveys Conducted | Freight Parking Adjustment Factor | Average Number of Freight Trucks Parked | Average Number of Automobiles Parked | Average Parking Utilization | Average Number of Vehicles Parked |
| , | 4th St | Lyndale Ave | 21 | 3 | 24 | 5 | 1.0 | 0.00 | 3.80 | 15.8% | 3.80 |
| | Lyndale Ave Aldrich Ave | Aldrich Ave Bryant Ave | 0 5 | 0 10 | 0 15 | 5 5 | 1.0 1.0 | 0.00 | 0.00 2.40 | 0.0% 16.0% | 0.00 2.40 |
| | Bryant Ave | Dupont Ave | 12 | 16 | 28 | 5 | 1.0 | 0.20 | 3.80 | 14.3% | 4.00 |
| | Dupont Ave | Emerson Ave | 12 | 10 | 22 | 5 | 1.0 | 0.20 | 4.40 | 20.9% | 4.60 |
| | Emerson Ave | Fremont Ave | 10 | 14 | 24 | 5 | 1.0 | 0.80 | 0.00 | 3.3% | 0.80 |
| , | Fremont Ave Girard Ave | Girard Ave | 15 15 | 0 17 | 15 32 | 5 5 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| | Irving Ave | Irving Ave James Ave | 11 | 12 | 23 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| ŕ | James Ave | Knox Ave | 6 | 11 | 17 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | Knox Ave | Logan Ave | 12 | 0 | 12 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| , | Knox Ave | Logan Ave | 0 | 9 | 9 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · | Logan Ave | Morgan Ave | 13 | 0 | 13 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| , in the second | Logan Ave Morgan Ave | Morgan Ave Newton Ave | 0 4 | 12 0 | 12 4 | 5 5 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| - | Morgan Ave | Newton Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | Newton Ave | Logan Ave | 29 | 0 | 29 | 5 | 1.0 | 0.20 | 2.00 | 7.6% | 2.20 |
| , | Newton Ave | Logan Ave | 0 | 28 | 28 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · | Logan Ave | Penn Ave | 31 | 24 | 55 | 5 | 1.0 | 0.00 | 16.60 | 30.2% | 16.60 |
| | Penn Ave 24th Ave | 24th Ave Quenn Ave | 4 9 | <u>6</u> 4 | 10 13 | 5 5 | 1.0 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Queen Ave | 26th Ave | 21 | 32 | 53 | 5 | 1.0 | 0.20 | 5.40 | 10.6% | 5.60 |
| | 26th Ave | Sheridan Ave | 0 | 0 | 0 | 5 | 1.0 | 0.20 | 0.80 | 0.0% | 1.00 |
| | Sheridan Ave | 27th Ave | 18 | 24 | 42 | 5 | 1.0 | 0.00 | 1.20 | 2.9% | 1.20 |
| | 27th Ave | Upton Ave | 17 | 15 | 32 | 5 | 1.0 | 0.60 | 3.80 | 13.8% | 4.40 |
| , in the second | Upton Ave N 4th St | 29th Ave N 3rd St | 4 0 | 9 14 | 13 14 | 5 | 1.0 1.0 | 0.20 0.00 | 0.20 6.20 | 3.1% 44.3% | 0.40 6.20 |
| | N 3rd St | Washington Ave | 5 | 14 | 19 | 5 | 1.0 | 0.00 | 5.40 | 28.4% | 5.40 |
| Washington Ave | | N 12th Ave | 0 | 3 | 3 | 5 | 2.1 | 0.00 | 3.20 | 106.7% | 3.20 |
| Washington Ave | N 12th Ave | Plymouth Ave | 0 | 14 | 14 | 5 | 2.1 | 0.00 | 9.40 | 67.1% | 9.40 |
| Washington Ave | • | N 14th Ave | 12 | 6 | 18 | 5 | 2.1 | 1.40 | 3.60 | 36.3% | 5.00 |
| Washington Ave | | N 15th Ave N 16th Ave | 13 17 | 15 | 28 | 5 5 | 2.1 | 3.60 7.60 | 3.60 | 39.9% | 7.20 8.00 |
| Washington Ave Washington Ave | | N 17th Ave | 11 | 14 0 | 31 11 | 5 | 2.1 | 2.20 | 0.40 2.00 | 52.8% 60.2% | 8.00 4.20 |
| Washington Ave | <u> </u> | N 17th Ave | 0 | 6 | 6 | 5 | 2.1 | 1.40 | 0.60 | 59.0% | 2.00 |
| Washington Ave | | N 18th Ave | 15 | 0 | 15 | 5 | 2.1 | 1.80 | 0.60 | 29.2% | 2.40 |
| Washington Ave | | N 18th Ave | 0 | 0 | 0 | 5 | 2.1 | 0.60 | 0.00 | 0.0% | 0.60 |
| Washington Ave | | W Broadway Ave | | 0 | 18 | 5 5 | 2.1 | 0.40 | 6.40 | 40.2% | 6.80 |
| Washington Ave | W Broadway Ave | W Broadway Ave | 0 15 | 0 | 0 15 | 5 | 2.1 | 0.00 | 0.00 7.00 | 0.0% 46.7% | 0.00 7.00 |
| _ | W Broadway Ave | | 0 | 0 | 0 | 5 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | N 21st Ave | N 22nd Ave | 16 | 0 | 16 | 5 | 2.1 | 1.00 | 2.40 | 28.1% | 3.40 |
| Washington Ave | | N 22nd Ave | 0 | 0 | 0 | 5 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | | N 23rd Ave | 12 | 0 | 12 | 5 5 | 2.1 | 0.20 | 1.40 | 15.2% | 1.60 |
| Washington Ave Washington Ave | | N 23rd Ave N 24th Ave | 0 13 | 0 0 | 0 13 | 5 | 2.1 | 0.00 3.00 | 0.00 3.20 | 0.0% 73.1% | 0.00 6.20 |
| Washington Ave | | N 26th Ave | 35 | 34 | 69 | 5 | 2.1 | 7.80 | 10.80 | 39.4% | 18.60 |
| Washington Ave | | N 28th Ave | 35 | 41 | 76 | 5 | 2.1 | 4.60 | 2.20 | 15.6% | 6.80 |
| Washington Ave | | N 29th Ave | 15 | 20 | 35 | 5 | 2.1 | 3.80 | 3.00 | 31.4% | 6.80 |
| Washington Ave | | N 30th Ave | 16 | 22 | 38 | 5 5 | 2.1 | 3.40 | 5.40 | 33.0% | 8.80 |
| Washington Ave Lowry Ave | Washington Ave | Lowry Ave N 3rd St | 30 | 40 0 | 70 0 | 5 | 2.1 1.0 | 9.20 0.00 | 6.20 0.00 | 36.5% 0.0% | 15.40 0.00 |
| | N 3rd St | N 4th St | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 4th St | N 6th St | 0 | 11 | 11 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | N 6th St | Lyndale Ave | 7 | 10 | 17 | 5 | 1.0 | 0.20 | 12.00 | 71.8% | 12.20 |
| Lowry Ave | Lyndale Ave Aldrich Ave | Aldrich Ave | 4 0 | 13 0 | 17 | 5 5 | 1.0 1.0 | 0.00 | 3.20 0.00 | 18.8% 0.0% | 3.20 0.00 |
| | Bryant Ave | Byrant Ave Colfax Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Colfax Ave | Dupont Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · | Dupont Ave | Emerson Ave | 5 | 6 | 11 | 5 | 1.0 | 0.00 | 6.60 | 60.0% | 6.60 |
| , | Emerson Ave | Fremont Ave | 0 | 4 | 4 | 5 | 1.0 | 0.00 | 2.00 | 50.0% | 2.00 |
| | Fremont Ave | Girard Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Girard Ave Humboldt Ave | Humboldt Ave Irving Ave | 0 0 | 0 | 0 | 5 5 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| , | Irving Ave | James Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | James Ave | Knox Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · | Knox Ave | Logan Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Logan Ave | Morgan Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Morgan Ave Newton Ave | Newton Ave Oliver Ave | 0 0 | 0 | 0 | 5 5 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 0.00 |
| | Oliver Ave | Penn Ave | 6 | 6 | 12 | 5 | 1.0 | 0.00 | 4.60 | 38.3% | 4.60 |
| | Penn Ave | Queen Ave | 4 | 5 | 9 | 5 | 1.0 | 0.00 | 1.00 | 11.1% | 1.00 |
| | | Russell Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave | Queen Ave | | | | | | _ | _ | | | |
| Lowry Ave Lowry Ave Lowry Ave | Russell Ave | Sheridan Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave Lowry Ave Lowry Ave | Russell Ave Sheridan Ave | Sheridan Ave Thomas Ave | 0 | 0 | 0 | 5 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave Lowry Ave Lowry Ave Lowry Ave | Russell Ave | Sheridan Ave | 0 | | | | | | | | |

| | Parking Study Data Table - Weekday Evenings (6pm-10pm) | | | | | | | | | | |
|---------------------------------------|--|----------------------------------|--|--|-----------------------------------|-----------------------------------|--------------------------------------|---|--------------------------------------|--------------------------------|-----------------------------------|
| Roadway | From Roadway Intersection | To Roadway Intersection | Estimated Parking Spaces - North or East Side of Roadway | Estimated Parking Spaces - South or West Side of Roadway | Total Estimated Parking Spaces | Number of Surveys Conducted | Freight Parking Adjustment Factor | Average Number of Freight Trucks Parked | Average Number of Automobiles Parked | Average Parking Utilization | Average Number of Vehicles Parked |
| | 4th St | Lyndale Ave | 21 | 3 | 24 | 2 | 1.0 | 0.00 | 0.50 | 2.1% | 0.50 |
| | Lyndale Ave Aldrich Ave | Aldrich Ave Bryant Ave | 0 5 | 0 10 | 0 15 | 2 | 1.0 1.0 | 0.00 | 0.00 4.50 | 0.0% 30.0% | 0.00 4.50 |
| | Bryant Ave | Dupont Ave | 12 | 16 | 28 | 2 | 1.0 | 0.00 | 1.50 | 5.4% | 1.50 |
| | Dupont Ave | Emerson Ave | 12 | 10 | 22 | 2 | 1.0 | 0.00 | 1.50 | 6.8% | 1.50 |
| | Emerson Ave | Fremont Ave | 10 | 14 | 24 | 2 | 1.0 | 0.00 | 0.50 | 2.1% | 0.50 |
| , | Fremont Ave Girard Ave | Girard Ave | 15 15 | 0 17 | 15 32 | 2 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| | Irving Ave | Irving Ave James Ave | 11 | 12 | 23 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | James Ave | Knox Ave | 6 | 11 | 17 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | Knox Ave | Logan Ave | 12 | 0 | 12 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| , | Knox Ave | Logan Ave | 0 | 9 | 9 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Logan Ave | Morgan Ave | 13 | 0 | 13 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| , | Logan Ave Morgan Ave | Morgan Ave Newton Ave | 0 4 | 12 0 | 12 4 | 2 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| | Morgan Ave | Newton Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | Newton Ave | Logan Ave | 29 | 0 | 29 | 2 | 1.0 | 0.00 | 2.00 | 6.9% | 2.00 |
| , | Newton Ave | Logan Ave | 0 | 28 | 28 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| , | Logan Ave | Penn Ave | 31 | 24 | 55 | 2 | 1.0 | 0.00 | 11.00 | 20.0% | 11.00 |
| | Penn Ave 24th Ave | 24th Ave Quenn Ave | 4 9 | 6 4 | 10 13 | 2 | 1.0 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Queen Ave | 26th Ave | 21 | 32 | 53 | 2 | 1.0 | 0.50 | 4.50 | 9.4% | 5.00 |
| | 26th Ave | Sheridan Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Sheridan Ave | 27th Ave | 18 | 24 | 42 | 2 | 1.0 | 0.00 | 1.50 | 3.6% | 1.50 |
| | 27th Ave | Upton Ave | 17 | 15 | 32 | 2 | 1.0 | 1.00 | 2.50 | 10.9% | 3.50 |
| , | Upton Ave N 4th St | 29th Ave N 3rd St | 4 0 | 9 14 | 13 14 | 2 | 1.0 1.0 | 1.00 0.00 | 3.50 8.50 | 34.6% 60.7% | 4.50 8.50 |
| | N 3rd St | Washington Ave | 5 | 14 | 19 | 2 | 1.0 | 0.00 | 11.00 | 57.9% | 11.00 |
| Washington Ave | | N 12th Ave | 0 | 3 | 3 | 2 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | | Plymouth Ave | 0 | 14 | 14 | 2 | 2.1 | 0.00 | 6.50 | 46.4% | 6.50 |
| Washington Ave | • | N 14th Ave | 12 | 6 | 18 | 2 | 2.1 | 1.00 | 0.50 | 14.4% | 1.50 |
| Washington Ave Washington Ave | | N 15th Ave N 16th Ave | 13 17 | 15 14 | 28 31 | 2 | 2.1 2.1 | 4.00 7.50 | 2.50 0.00 | 38.9% 50.8% | 6.50 7.50 |
| Washington Ave | | N 17th Ave | 11 | 0 | 11 | 2 | 2.1 | 3.00 | 1.00 | 66.4% | 4.00 |
| Washington Ave | | N 17th Ave | 0 | 6 | 6 | 2 | 2.1 | 1.00 | 0.00 | 35.0% | 1.00 |
| Washington Ave | N 17th Ave | N 18th Ave | 15 | 0 | 15 | 2 | 2.1 | 1.50 | 0.00 | 21.0% | 1.50 |
| Washington Ave | | N 18th Ave | 0 | 0 | 0 | 2 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave Washington Ave | | W Broadway Ave W Broadway Ave | 18 | 0 | 18 0 | 2 | 2.1 2.1 | 0.50 0.00 | 10.00 0.00 | 61.4% 0.0% | 10.50 0.00 |
| | W Broadway Ave | • | 15 | 0 | 15 | 2 | 2.1 | 0.00 | 3.50 | 23.3% | 3.50 |
| | W Broadway Ave | | 0 | 0 | 0 | 2 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | | N 22nd Ave | 16 | 0 | 16 | 2 | 2.1 | 0.50 | 4.50 | 34.7% | 5.00 |
| Washington Ave | | N 22nd Ave | 0 | 0 | 0 | 2 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave Washington Ave | | N 23rd Ave N 23rd Ave | 12 0 | 0 | 12 0 | 2 | 2.1 2.1 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| Washington Ave | | N 24th Ave | 13 | 0 | 13 | 2 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | | N 26th Ave | 35 | 34 | 69 | 2 | 2.1 | 8.00 | 12.00 | 41.7% | 20.00 |
| Washington Ave | | N 28th Ave | 35 | 41 | 76 | 2 | 2.1 | 6.50 | 1.50 | 19.9% | 8.00 |
| Washington Ave | | N 29th Ave | 15 | 20 | 35 | 2 | 2.1 | 4.00 | 1.00 | 26.9% | 5.00 |
| Washington Ave Washington Ave | | N 30th Ave Lowry Ave | 16 30 | 22 40 | 38 70 | 2 | 2.1 2.1 | 4.00 9.50 | 3.00 6.00 | 30.0% 37.1% | 7.00 15.50 |
| | Washington Ave | N 3rd St | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 3rd St | N 4th St | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | N 4th St | N 6th St | 0 | 11 | 11 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 6th St | Lyndale Ave | 7 | 10 | 17 | 2 | 1.0 | 0.00 | 13.50 | 79.4% | 13.50 |
| Lowry Ave Lowry Ave | Lyndale Ave Aldrich Ave | Aldrich Ave Byrant Ave | 4 0 | 13 0 | 17 0 | 2 | 1.0 1.0 | 1.50 0.00 | 1.50 0.00 | 17.6% 0.0% | 3.00 0.00 |
| | Bryant Ave | Colfax Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Colfax Ave | Dupont Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | Dupont Ave | Emerson Ave | 5 | 6 | 11 | 2 | 1.0 | 0.00 | 1.50 | 13.6% | 1.50 |
| · · | Emerson Ave | Fremont Ave | 0 | 4 | 4 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave | Fremont Ave Girard Ave | Girard Ave Humboldt Ave | 0 | 0 | 0 | 2 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| • | Humboldt Ave | Irving Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Irving Ave | James Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | James Ave | Knox Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · | Knox Ave | Logan Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Logan Ave Morgan Ave | Morgan Ave Newton Ave | 0 | 0 | 0 | 2 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| Lowry Ave | Newton Ave | Oliver Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | Oliver Ave | Penn Ave | 6 | 6 | 12 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | Penn Ave | Queen Ave | 4 | 5 | 9 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | Queen Ave | Russell Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | Russell Ave Sheridan Ave | Sheridan Ave Thomas Ave | 0 0 | 0 | 0 | 2 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| • | Thomas Ave | Upton Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowrv Ave | | 1 - 1 | | <u> </u> | - | _ | | | 2.23 | 1 2.270 | |
| Lowry Ave Lowry Ave | Upton Ave | Vincent Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |

| | | | | Parking Study Data T | able - Overall W | eekends (S | at-Sun) | | | | |
|---------------------------------------|------------------------------|-------------------------------|--|--|-----------------------------------|-----------------------------------|-----------------------------------|---|--------------------------------------|--------------------------------|-----------------------------------|
| Roadway | From Roadway Intersection | To Roadway Intersection | Estimated Parking Spaces - North or East Side of Roadway | Estimated Parking Spaces - South or West Side of Roadway | Total Estimated Parking Spaces | Number of Surveys Conducted | Freight Parking Adjustment Factor | Average Number of Freight Trucks Parked | Average Number of Automobiles Parked | Average Parking Utilization | Average Number of Vehicles Parked |
| West Broadway | 4th St | Lyndale Ave | 21 | 3 | 24 | 2 | 1.0 | 0.00 | 2.00 | 8.3% | 2.00 |
| • | Lyndale Ave | Aldrich Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Aldrich Ave Bryant Ave | Bryant Ave Dupont Ave | 5 12 | 10 16 | 15 28 | 2 | 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| , | Dupont Ave | Emerson Ave | 12 | 10 | 22 | 2 | 1.0 | 0.00 | 1.50 | 6.8% | 1.50 |
| | Emerson Ave | Fremont Ave | 10 | 14 | 24 | 2 | 1.0 | 0.00 | 0.50 | 2.1% | 0.50 |
| · · · · · · · · · · · · · · · · · · · | Fremont Ave | Girard Ave | 15 | 0 | 15 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | Girard Ave | Irving Ave | 15 | 17 | 32 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | Irving Ave | James Ave | 11 | 12 | 23 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | James Ave | Knox Ave | 6 | 11 | 17 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Knox Ave Knox Ave | Logan Ave Logan Ave | 12 0 | 0 9 | 12 9 | 2 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| , | Logan Ave | Morgan Ave | 13 | 0 | 13 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | Logan Ave | Morgan Ave | 0 | 12 | 12 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | Morgan Ave | Newton Ave | 4 | 0 | 4 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| West Broadway | Morgan Ave | Newton Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| , | Newton Ave | Logan Ave | 29 | 0 | 29 | 2 | 1.0 | 0.00 | 6.50 | 22.4% | 6.50 |
| , | Newton Ave | Logan Ave | 0 | 28 | 28 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | Logan Ave Penn Ave | Penn Ave 24th Ave | 31 | 24 6 | 55 10 | 2 | 1.0 1.0 | 0.00 | 7.00 0.00 | 12.7% 0.0% | 7.00 0.00 |
| • | 24th Ave | Quenn Ave | 9 | 4 | 13 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | Queen Ave | 26th Ave | 21 | 32 | 53 | 2 | 1.0 | 0.00 | 3.00 | 5.7% | 3.00 |
| , , , , , , , , , , , , , , , , , , , | 26th Ave | Sheridan Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Sheridan Ave | 27th Ave | 18 | 24 | 42 | 2 | 1.0 | 0.00 | 0.50 | 1.2% | 0.50 |
| , | 27th Ave | Upton Ave | 17 | 15 | 32 | 2 | 1.0 | 0.00 | 2.50 | 7.8% | 2.50 |
| West Broadway | | 29th Ave | 4 | 9 | 13 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| N 10th Ave N 10th Ave | N 4th St N 3rd St | N 3rd St Washington Ave | 0 5 | 14 14 | 14 19 | 2 | 1.0 1.0 | 0.00 | 5.00 9.50 | 35.7% 50.0% | 5.00 9.50 |
| | | N 12th Ave | 0 | 3 | 3 | 2 | 2.1 | 0.00 | 1.50 | 50.0% | 1.50 |
| Washington Ave | ļ | Plymouth Ave | 0 | 14 | 14 | 2 | 2.1 | 0.00 | 4.50 | 32.1% | 4.50 |
| Washington Ave | Plymouth Ave | N 14th Ave | 12 | 6 | 18 | 2 | 2.1 | 2.00 | 0.00 | 17.2% | 2.00 |
| Washington Ave | | N 15th Ave | 13 | 15 | 28 | 2 | 2.1 | 4.00 | 4.00 | 34.5% | 8.00 |
| Washington Ave | | N 16th Ave | 17 | 14 | 31 | 2 | 2.1 | 9.00 | 1.00 | 46.5% | 10.00 |
| Washington Ave | | N 17th Ave N 17th Ave | 11 0 | <u> </u> | 11 6 | 2 | 2.1 | 2.00 2.00 | 2.00 0.00 | 46.4% 51.7% | 4.00 2.00 |
| Washington Ave Washington Ave | | N 18th Ave | 15 | 0 | 15 | 2 | 2.1 | 2.00 | 0.50 | 24.0% | 2.50 |
| Washington Ave | | N 18th Ave | 0 | 0 | 0 | 2 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | | W Broadway Ave | 18 | 0 | 18 | 2 | 2.1 | 1.00 | 5.00 | 36.4% | 6.00 |
| Washington Ave | N 18th Ave | W Broadway Ave | 0 | 0 | 0 | 2 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| | W Broadway Ave | | 15 | 0 | 15 | 2 | 2.1 | 0.00 | 1.50 | 10.0% | 1.50 |
| | W Broadway Ave | | 0 | 0 | 0 | 2 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave Washington Ave | | N 22nd Ave N 22nd Ave | 16 0 | 0 | 16 0 | 2 | 2.1 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| Washington Ave | | N 23rd Ave | 12 | 0 | 12 | 2 | 2.1 | 1.00 | 1.00 | 21.2% | 2.00 |
| Washington Ave | | N 23rd Ave | 0 | 0 | 0 | 2 | 2.1 | 0.00 | 0.00 | 0.0% | 0.00 |
| Washington Ave | | N 24th Ave | 13 | 0 | 13 | 2 | 2.1 | 1.00 | 0.50 | 11.5% | 1.50 |
| Washington Ave | | N 26th Ave | 35 | 34 | 69 | 2 | 2.1 | 8.00 | 10.50 | 32.4% | 18.50 |
| Washington Ave | | N 28th Ave | 35 | 41 | 76 | 2 | 2.1 | 8.50 | 0.50 | 17.6% | 9.00 |
| Washington Ave | | N 29th Ave | 15 | 20 | 35 | 2 | 2.1 | 5.00 | 0.00 | 22.1% | 5.00 |
| Washington Ave Washington Ave | | N 30th Ave Lowry Ave | 16 30 | 22 40 | 38 70 | 2 | 2.1 | 5.50 16.00 | 3.00 5.50 | 28.2% 44.1% | 8.50 21.50 |
| | Washington Ave | N 3rd St | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 3rd St | N 4th St | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 4th St | N 6th St | 0 | 11 | 11 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | N 6th St | Lyndale Ave | 7 | 10 | 17 | 2 | 1.0 | 0.00 | 11.00 | 64.7% | 11.00 |
| Lowry Ave | Lyndale Ave | Aldrich Ave | 4 | 13 | 17 | 2 | 1.0 | 0.00 | 2.00 | 5.9% | 2.00 |
| | Aldrich Ave | Byrant Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave | Bryant Ave Colfax Ave | Colfax Ave Dupont Ave | 0 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| • | Dupont Ave | Emerson Ave | 5 | 6 | 11 | 2 | 1.0 | 0.00 | 2.00 | 18.2% | 2.00 |
| Lowry Ave | Emerson Ave | Fremont Ave | 0 | 4 | 4 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Fremont Ave | Girard Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Girard Ave | Humboldt Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Humboldt Ave | Irving Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Irving Ave | James Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| • | James Ave | Knox Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave | Knox Ave Logan Ave | Logan Ave Morgan Ave | 0 0 | 0 | 0 | 2 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| | Morgan Ave | Newton Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave | Newton Ave | Oliver Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Oliver Ave | Penn Ave | 6 | 6 | 12 | 2 | 1.0 | 0.00 | 1.50 | 12.5% | 1.50 |
| | Penn Ave | Queen Ave | 4 | 5 | 9 | 2 | 1.0 | 0.00 | 1.50 | 16.7% | 1.50 |
| Lowry Ave | Queen Ave | Russell Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.50 | 0.0% | 0.50 |
| Lowry Ave | Russell Ave | Sheridan Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| | Sheridan Ave | Thomas Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| · · · · · · · · · · · · · · · · · · · | Thomas Ave | Upton Ave | 0 | 0 | 0 | 2 | 1.0 | 0.00 | 0.00 | 0.0% | 0.00 |
| Lowry Ave Lowry Ave | Upton Ave Vincent Ave | Vincent Ave W Broadway Ave | 0 0 | 0 | 0 | 2 | 1.0 1.0 | 0.00 | 0.00 | 0.0% 0.0% | 0.00 |
| LOWIY AVE | Aurent Ave | Lvv Dioauway Ave | l U | U | L | | 1.∪ | 0.00 | 0.00 | U.U <i>7</i> 0 | 0.00 |