



# MEMO

**TO:** TRAFFIC FILES  
**FROM:** Ning Zou Transportation Engineering Manager  
Department of Public Services, Transportation Division  
**THRU:** Tom Taggart, Executive Director of Public Services  
Sabas Avila, P.E. Assistant Director of Public Services  
**DATE:** September 25, 2020  
**RE:** **25 MPH Speed Reduction Traffic Study**

N. Z. NOV 6, 2020

## Executive Summary

Pursuant with Transportation Code 545.356 (b-1), a traffic study was conducted by the Transportation Division of the Public Services Department in portions of the Heritage and Dunbar Neighborhoods for the purpose of determining if the prima facie speed limit is unreasonable or unsafe.

In April 2020, Hopkins Street was closed between Moore Street and Bishop Street for construction of a capital improvement project for roadway and drainage improvements. The reconstruction project is scheduled to be completed in 2022.

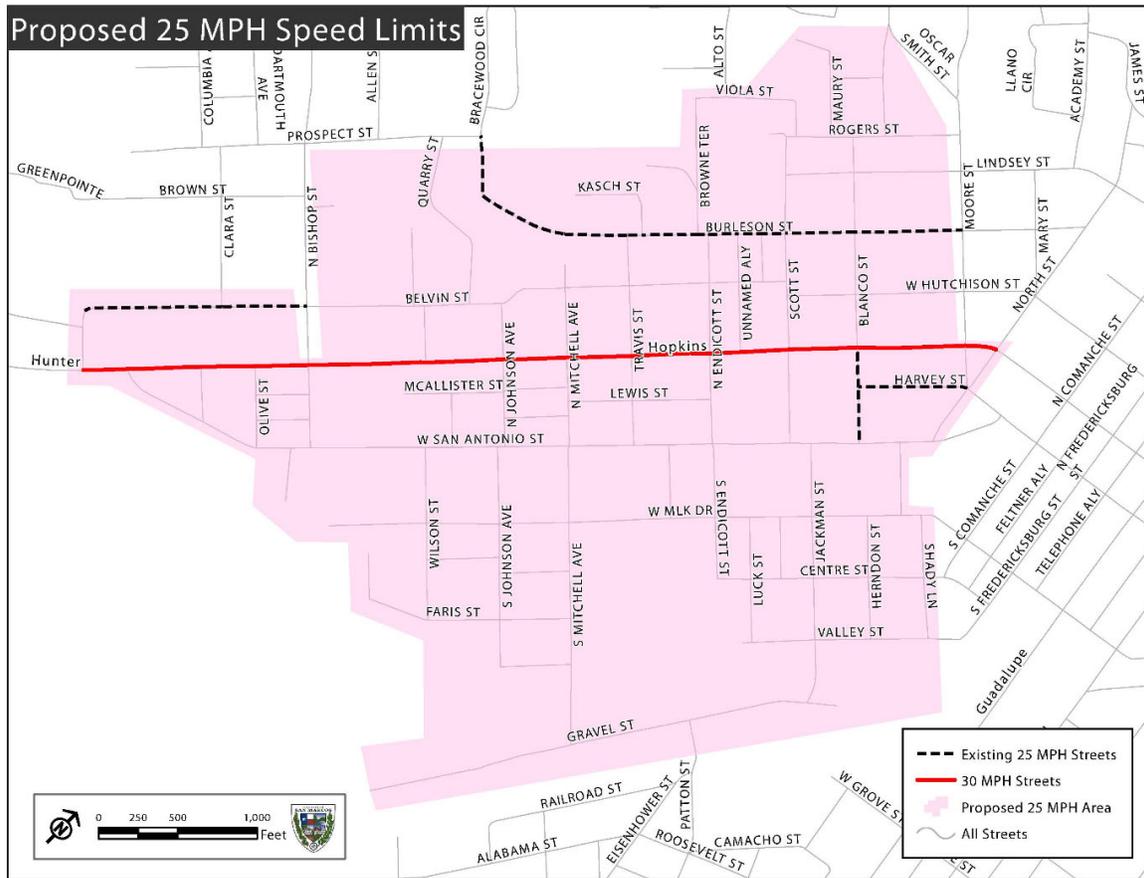
Hopkins traffic during construction was detoured along Moore, Craddock, and Bishop streets. However, a significant number of drivers were not following the official detour route and were finding alternate routes through residential streets in the Heritage and Dunbar Neighborhoods. Traffic volumes and speeds have increased on several neighborhood streets.

Pursuant with Texas Transportation Code 545.356 (b-1), the governing body of a municipality may declare a lower speed limit of not less than 25 miles per hour, if the governing body determines that the prima facie speed limit on the highway is unreasonable or unsafe

The Public Services Department conducted traffic engineering studies at eight, representative locations within the study area between September and October of 2020. The Transportation Division evaluated the speed limits of roadways within the impacted residential area by using USLIMIT2. USLIMITS2 is a Federal Highway Administration (FHWA) tool to help practitioners set reasonable, safe, and consistent speed limits for specific segments of roads.

With the exception of Hopkins Street which was not included in this study due to construction, this engineering study supports the conclusion that the current posted speed of 30 m.p.h. in the study area is unreasonable and unsafe and the proposed 25 m.p.h. speed limit reflects the safe and prudent speed limit to maintain roadway safety especially for neighborhood bike and pedestrian traffic.

## Study Area



Site Vicinity Map

## Background Information

Hopkins Street was closed between Moore Street and Bishop Street in April 2020 for roadway and drainage improvements. The reconstruction project is expected to be completed in 2022.

Hopkins Street traffic during construction is detoured along Moore, Craddock, and Bishop streets. However, a significant number of drivers are not following the official detour route and are finding alternate routes through residential streets in the Heritage and Dunbar Neighborhoods. The City of San Marcos has received numerous complaints from the adjacent neighborhood areas about excessive speeding and cut-through traffic.

## Traffic Study

Pursuant with Texas Transportation Code 545.356 (b-1), the governing body of a municipality may declare a lower speed limit of not less than 25 miles per hour, if the governing body determines that the prima facie speed limit on the highway is unreasonable or unsafe.

The Public Services Department conducted traffic engineering studies at eight, representative locations within the study area in September and October of 2020. Transportation Division evaluated the speed limits of roadways within the impacted residential area by using USLIMIT2. USLIMITS2 is a Federal Highway Administration (FHWA) tool to help practitioners set reasonable, safe, and consistent speed limits for specific segments of roads.

USLIMITS2 was developed based on research through National Cooperative Highway Research Program (NCHRP) Project 3-67 and considers all major factors used by practitioners to make engineering judgment in determining an appropriate speed limit. This includes: operating speed (50th and 85th percentile), annual average daily traffic, roadway characteristics and geometric conditions, level of development in the area around the road, crash and injury rates, presence of on-street parking, and extent of ped/bike activity, as well as several others depending on the road type.

## **Conclusions and Recommendations**

Among the eight roadways, USLIMIT2 recommend the following speed limits:

- 20 mph on Gravel St.
- 20 mph on Jackman St.
- 20 mph on Lindsey St.
- 25 mph on Belvin St.
- 25 mph on Hutchison St.
- 25 mph on MLK Dr.
- 25 mph on San Antonio St.
- 30 mph on Mitchell Ave South of MLK Dr. to Gravel St.

However, with the exception of school zone, state law does not allow municipalities to set speed limits lower than 25 mph. So, all speed limits recommend to 20 mph will be posted as 25 mph.

Additionally, USLIMIT2 recommended 30 mph speed on Mitchell Ave between MLK Dr. to Gravel St. However, the Transportation Division recommends setting the entire Mitchell Avenue from Burleson to Gravel Street to a 25 mph speed limit for roadway safety because of the following considerations:

1. Pavement width of Mitchell Ave. is 28 - 29 ft.
2. There are sidewalks on the eastside of the roadway next to the travel lane without separation.
3. Majority of the developments along Mitchell Ave are residential, and there are two churches on the south portion of the roadway (between Daily St. and Faris St.).

Except Hopkins Street which was not included in this evaluation because it is under construction, the engineering studies support the conclusion that the current posted speed of 30 m.p.h. in the study area is unreasonable and unsafe and the proposed 25 m.p.h. speed limit

reflects the safe and prudent speed limit to maintain roadway safety especially for neighborhood bike and pedestrian traffic.

## **Appendix A – USLIMIT2 Reports**

# USLIMITS2 Speed Zoning Report

## Project Overview

**Project Name: Belvin 25mph**

**Analyst:** Ning Zou

**Date:** 10-16-2020

### Basic Project Information

Route Name: Belvin St\_

From: Bishop St\_

To: Scott St\_

State: Texas

County: Hays County

City: San Marcos city

Route Type: Road Section in Developed Area

Route Status: Existing

### Crash Data Information

Crash Data Years: 0

Crash AADT: N/A

Total Number of Crashes: N/A

Total Number of Injury Crashes: N/A

### Traffic Information

85th Percentile Speed: 29 mph

50th Percentile Speed: 23 mph

AADT: 1224 veh/day

On Street Parking and Usage: Not High

Pedestrian / Bicyclist Activity: High

### Roadway Information

Section Length: 0.58 mile(s)

Statutory Speed Limit: 30 mph

Existing Speed Limit: 30 mph

Adverse Alignment: Yes

One-Way Street: No

Divided/Undivided: Undivided

Number of Through Lanes: 2

Area Type: Residential-Subdivision

Number of Driveways: 30

Number of Signals: 0

## Recommended Speed Limit: 25

**Note:** Sections with adverse alignments may need specific 'advisory speed warnings' which may be different from the general speed limit for the section. See [Procedures for Setting Advisory Speeds on Curves](#), Publication No. FHWA-SA-11-22, June 2011, for more guidance.

**Note:** Crash data were not entered for this project. A comprehensive crash study is a critical component of any traffic engineering study. We suggest that you repeat this process when crash data become available.

**Disclaimer:** The U.S. Government assumes no liability for the use of the information contained in this report. This report does not constitute a standard, specification, or regulation.

## How the Recommended Speed Limit was Calculated

The questions and responses below, and the referenced page numbers, correspond to the flowcharts found in the [Decision Rules Flowchart document](#).

### Terms Used in Calculations

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).
- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL\_1:** Speed limit calculated using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL\_2:** Speed limit calculated using crash data from the crash module.
- **SL:** Recommended Speed Limit.

## Calculate SL<sub>1</sub> Using Site Characteristics (pg. K-23)

**Note:** The number of signals per mile is being calculated as 0.00 signals per mile.

**Note:** The number of driveways per mile is being calculated as 51.72 driveways per mile.

**Question 1:** Are any of the following true: there are more than four signals per mile, pedestrian or bicyclist activity is high, parking activity is high, or there are more than 60 driveways per mile?

**Results:** Yes. There are 0.00 signals per mile, 51.72 driveways per mile, high pedestrian/bicyclist activity, and not high parking activity. **The SL<sub>1</sub> is set to the closest 50th percentile speed (25 mph).**

**Question 2:** Are crash data available?

**Results:** No crash data are available. **The SL is being set equal to SL<sub>1</sub> (25 mph).**

## Determine the Final Recommended Speed Limit (pg. K-28)

**Question 3:** Is the SL less than 20 mph or greater than 50 mph?

**Results:** The SL (25 mph) is between 20 mph and 50 mph. **The SL remains the same.**

**Final Recommendation: The recommended speed limit is 25 mph.**

# USLIMITS2 Speed Zoning Report

## Project Overview

**Project Name: Gravel 25 mph**

**Analyst:** Ning Zou

**Date:** 10-16-2020

### Basic Project Information

Route Name: Gravel St\_  
From: 1200 Block  
To: 300 Block  
State: Texas  
County: Hays County  
City: San Marcos city  
Route Type: Road Section in Developed Area  
Route Status: Existing

### Crash Data Information

Crash Data Years: 0  
Crash AADT: N/A  
Total Number of Crashes: N/A  
Total Number of Injury Crashes: N/A

### Traffic Information

85th Percentile Speed: 27 mph  
50th Percentile Speed: 22 mph  
AADT: 1385 veh/day  
On Street Parking and Usage: Not High  
Pedestrian / Bicyclist Activity: High

### Roadway Information

Section Length: 0.58 mile(s)  
Statutory Speed Limit: 30 mph  
Existing Speed Limit: 30 mph  
Adverse Alignment: No  
One-Way Street: No  
Divided/Undivided: Undivided  
Number of Through Lanes: 2  
Area Type: Residential-Collector/Arterial  
Number of Driveways: 47  
Number of Signals: 0

## Recommended Speed Limit: **20**

**Note:** Crash data were not entered for this project. A comprehensive crash study is a critical component of any traffic engineering study. We suggest that you repeat this process when crash data become available.

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## How the Recommended Speed Limit was Calculated

The questions and responses below, and the referenced page numbers, correspond to the flowcharts found in the [Decision Rules Flowchart document](#).

### Terms Used in Calculations

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).
- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL\_1:** Speed limit calculated using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL\_2:** Speed limit calculated using crash data from the crash module.
- **SL:** Recommended Speed Limit.

Calculate SL\_1 Using Site Characteristics (pg. K-23)

**Note:** The number of signals per mile is being calculated as 0.00 signals per mile.

**Note:** The number of driveways per mile is being calculated as 81.03 driveways per mile.

**Question 1:** Are any of the following true: there are more than four signals per mile, pedestrian or bicyclist activity is high, parking activity is high, or there are more than 60 driveways per mile?

**Results:** Yes. There are 0.00 signals per mile, 81.03 driveways per mile, high pedestrian/bicyclist activity, and not high parking activity. **The SL\_1 is set to the closest 50th percentile speed (20 mph).**

**Question 2:** Are crash data available?

**Results:** No crash data are available. **The SL is being set equal to SL\_1 (20 mph).**

Determine the Final Recommended Speed Limit (pg. K-28)

**Question 3:** Is the SL less than 20 mph or greater than 50 mph?

**Results:** The SL (20 mph) is between 20 mph and 50 mph. **The SL remains the same.**

**Final Recommendation: The recommended speed limit is 20 mph.**

# USLIMITS2 Speed Zoning Report

## Project Overview

**Project Name: Hutchison 25 mph**

**Analyst:** Ning Zou

**Date:** 10-16-2020

### Basic Project Information

Route Name: Hutchison

From: Scott St\_

To: Moore St\_

State: Texas

County: Hays County

City: San Marcos city

Route Type: Road Section in Developed Area

Route Status: Existing

### Crash Data Information

Crash Data Years: 0

Crash AADT: N/A

Total Number of Crashes: N/A

Total Number of Injury Crashes: N/A

### Traffic Information

85th Percentile Speed: 32 mph

50th Percentile Speed: 26 mph

AADT: 1602 veh/day

On Street Parking and Usage: High

Pedestrian / Bicyclist Activity: High

### Roadway Information

Section Length: 0.2 mile(s)

Statutory Speed Limit: 30 mph

Existing Speed Limit: 30 mph

Adverse Alignment: No

One-Way Street: No

Divided/Undivided: Undivided

Number of Through Lanes: 2

Area Type: Residential-Collector/Arterial

Number of Driveways: 16

Number of Signals: 1

## Recommended Speed Limit: 25

**Note:** Crash data were not entered for this project. A comprehensive crash study is a critical component of any traffic engineering study. We suggest that you repeat this process when crash data become available.

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## How the Recommended Speed Limit was Calculated

The questions and responses below, and the referenced page numbers, correspond to the flowcharts found in the [Decision Rules Flowchart document](#).

### Terms Used in Calculations

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).
- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL\_1:** Speed limit calculated using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL\_2:** Speed limit calculated using crash data from the crash module.
- **SL:** Recommended Speed Limit.

Calculate SL\_1 Using Site Characteristics (pg. K-23)

**Note:** The number of signals per mile is being calculated as 5.00 signals per mile.

**Note:** The number of driveways per mile is being calculated as 80.00 driveways per mile.

**Question 1:** Are any of the following true: there are more than four signals per mile, pedestrian or bicyclist activity is high, parking activity is high, or there are more than 60 driveways per mile?

**Results:** Yes. There are 5.00 signals per mile, 80.00 driveways per mile, high pedestrian/bicyclist activity, and high parking activity. **The SL\_1 is set to the closest 50th percentile speed (25 mph).**

**Question 2:** Are crash data available?

**Results:** No crash data are available. **The SL is being set equal to SL\_1 (25 mph).**

Determine the Final Recommended Speed Limit (pg. K-28)

**Question 3:** Is the SL less than 20 mph or greater than 50 mph?

**Results:** The SL (25 mph) is between 20 mph and 50 mph. **The SL remains the same.**

**Final Recommendation: The recommended speed limit is 25 mph.**

# USLIMITS2 Speed Zoning Report

## Project Overview

**Project Name: Jackman 25mph**

**Analyst:** Ning Zou

**Date:** 10-19-2020

### Basic Project Information

Route Name: Jackman  
From: San Antonio St  
To: Gravel St\_  
State: Texas  
County: Hays County  
City: San Marcos city  
Route Type: Road Section in Developed Area  
Route Status: Existing

### Crash Data Information

Crash Data Years: 0  
Crash AADT: N/A  
Total Number of Crashes: N/A  
Total Number of Injury Crashes: N/A

### Traffic Information

85th Percentile Speed: 28 mph  
50th Percentile Speed: 22 mph  
AADT: 583 veh/day  
On Street Parking and Usage: Not High  
Pedestrian / Bicyclist Activity: Not High

### Roadway Information

Section Length: 0.31 mile(s)  
Statutory Speed Limit: 30 mph  
Existing Speed Limit: 30 mph  
Adverse Alignment: No  
One-Way Street: No  
Divided/Undivided: Undivided  
Number of Through Lanes: 2  
Area Type: Residential-Subdivision  
Number of Driveways: 22  
Number of Signals: 0

## Recommended Speed Limit: **20**

**Note:** Crash data were not entered for this project. A comprehensive crash study is a critical component of any traffic engineering study. We suggest that you repeat this process when crash data become available.

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## How the Recommended Speed Limit was Calculated

The questions and responses below, and the referenced page numbers, correspond to the flowcharts found in the [Decision Rules Flowchart document](#).

### Terms Used in Calculations

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).
- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL\_1:** Speed limit calculated using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL\_2:** Speed limit calculated using crash data from the crash module.
- **SL:** Recommended Speed Limit.

Calculate SL\_1 Using Site Characteristics (pg. K-23)

**Note:** The number of signals per mile is being calculated as 0.00 signals per mile.

**Note:** The number of driveways per mile is being calculated as 70.97 driveways per mile.

**Question 1:** Are any of the following true: there are more than four signals per mile, pedestrian or bicyclist activity is high, parking activity is high, or there are more than 60 driveways per mile?

**Results:** Yes. There are 0.00 signals per mile, 70.97 driveways per mile, not high pedestrian/bicyclist activity, and not high parking activity. **The SL\_1 is set to the closest 50th percentile speed (20 mph).**

**Question 2:** Are crash data available?

**Results:** No crash data are available. **The SL is being set equal to SL\_1 (20 mph).**

Determine the Final Recommended Speed Limit (pg. K-28)

**Question 3:** Is the SL less than 20 mph or greater than 50 mph?

**Results:** The SL (20 mph) is between 20 mph and 50 mph. **The SL remains the same.**

**Final Recommendation: The recommended speed limit is 20 mph.**

# USLIMITS2 Speed Zoning Report

## Project Overview

**Project Name: Lindsey 25mph**

**Analyst:** Ning Zou

**Date:** 10-19-2020

### Basic Project Information

Route Name: Linsey St\_

From: Scott St\_

To: Moore St\_

State: Texas

County: Hays County

City: San Marcos city

Route Type: Road Section in Developed Area

Route Status: Existing

### Crash Data Information

Crash Data Years: 0

Crash AADT: N/A

Total Number of Crashes: N/A

Total Number of Injury Crashes: N/A

### Traffic Information

85th Percentile Speed: 27 mph

50th Percentile Speed: 22 mph

AADT: 94 veh/day

On Street Parking and Usage: Not High

Pedestrian / Bicyclist Activity: Not High

### Roadway Information

Section Length: 0.205 mile(s)

Statutory Speed Limit: 30 mph

Existing Speed Limit: 30 mph

Adverse Alignment: No

One-Way Street: No

Divided/Undivided: Undivided

Number of Through Lanes: 2

Area Type: Residential-Subdivision

Number of Driveways: 21

Number of Signals: 0

## Recommended Speed Limit: **20**

**Note:** Crash data were not entered for this project. A comprehensive crash study is a critical component of any traffic engineering study. We suggest that you repeat this process when crash data become available.

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## How the Recommended Speed Limit was Calculated

The questions and responses below, and the referenced page numbers, correspond to the flowcharts found in the [Decision Rules Flowchart document](#).

### Terms Used in Calculations

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).
- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL\_1:** Speed limit calculated using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL\_2:** Speed limit calculated using crash data from the crash module.
- **SL:** Recommended Speed Limit.

Calculate SL\_1 Using Site Characteristics (pg. K-23)

**Note:** The number of signals per mile is being calculated as 0.00 signals per mile.

**Note:** The number of driveways per mile is being calculated as 102.44 driveways per mile.

**Question 1:** Are any of the following true: there are more than four signals per mile, pedestrian or bicyclist activity is high, parking activity is high, or there are more than 60 driveways per mile?

**Results:** Yes. There are 0.00 signals per mile, 102.44 driveways per mile, not high pedestrian/bicyclist activity, and not high parking activity. **The SL\_1 is set to the closest 50th percentile speed (20 mph).**

**Question 2:** Are crash data available?

**Results:** No crash data are available. **The SL is being set equal to SL\_1 (20 mph).**

Determine the Final Recommended Speed Limit (pg. K-28)

**Question 3:** Is the SL less than 20 mph or greater than 50 mph?

**Results:** The SL (20 mph) is between 20 mph and 50 mph. **The SL remains the same.**

**Final Recommendation: The recommended speed limit is 20 mph.**

# USLIMITS2 Speed Zoning Report

## Project Overview

**Project Name: Mitchell 25 mph**

**Analyst:** Ning Zou

**Date:** 10-19-2020

### Basic Project Information

Route Name: Mitchell St\_

From: MLK Dr\_

To: Gravel St

State: Texas

County: Hays County

City: San Marcos city

Route Type: Road Section in Developed Area

Route Status: Existing

### Crash Data Information

Crash Data Years: 0

Crash AADT: N/A

Total Number of Crashes: N/A

Total Number of Injury Crashes: N/A

### Traffic Information

85th Percentile Speed: 34 mph

50th Percentile Speed: 28 mph

AADT: 818 veh/day

On Street Parking and Usage: Not High

Pedestrian / Bicyclist Activity: Not High

### Roadway Information

Section Length: 0.26 mile(s)

Statutory Speed Limit: 30 mph

Existing Speed Limit: 30 mph

Adverse Alignment: No

One-Way Street: No

Divided/Undivided: Undivided

Number of Through Lanes: 2

Area Type: Residential-Subdivision

Number of Driveways: 15

Number of Signals: 0

## Recommended Speed Limit: **30**

**Note:** Crash data were not entered for this project. A comprehensive crash study is a critical component of any traffic engineering study. We suggest that you repeat this process when crash data become available.

**Note:** A speed zone of 0.26 miles is generally too short for the recommended speed limit. Consider lengthening the speed zone (if that is possible) or using the speed limits from adjacent sections (if they are appropriate for this section). If the speed and other data you provided are representative of conditions for this short section, then the speed limit noted above may be considered.

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## How the Recommended Speed Limit was Calculated

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### Terms Used in Calculations

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).
- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL\_1:** Speed limit calculated using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL\_2:** Speed limit calculated using crash data from the crash module.
- **SL:** Recommended Speed Limit.

## Calculate SL\_1 Using Site Characteristics (pg. K-23)

**Note:** The number of signals per mile is being calculated as 0.00 signals per mile.

**Note:** The number of driveways per mile is being calculated as 57.69 driveways per mile.

**Question 1:** Are any of the following true: there are more than four signals per mile, pedestrian or bicyclist activity is high, parking activity is high, or there are more than 60 driveways per mile?

**Results:** No. There are 0.00 signals per mile, 57.69 driveways per mile, not high pedestrian/bicyclist activity, and not high parking activity.

**Question 2:** Are there between 40 and 60 driways per mile, more than 3 signals per mile, and the area type is commercial or residential-collector?

**Results:** No. There are 57.69 driveways per mile, 0.00 signals per mile, and the area type is residential-subdivision. **The SL\_1 is set to the closest 85th speed (30 mph).**

**Question 3:** Are crash data available?

**Results:** No crash data are available. **The SL is being set equal to SL\_1 (30 mph).**

## Determine the Final Recommended Speed Limit (pg. K-28)

**Question 4:** Is the SL less than 20 mph or greater than 50 mph?

**Results:** The SL (30 mph) is between 20 mph and 50 mph. **The SL remains the same.**

**Final Recommendation: The recommended speed limit is 30 mph.**

# USLIMITS2 Speed Zoning Report

## Project Overview

**Project Name: MLK 25mph**

**Analyst:** Ning Zou

**Date:** 10-19-2020

### Basic Project Information

Route Name: W MLK Dr\_

From: West dead end

To: Shady Ln\_

State: Texas

County: Hays County

City: San Marcos city

Route Type: Road Section in Developed Area

Route Status: Existing

### Crash Data Information

Crash Data Years: 0

Crash AADT: N/A

Total Number of Crashes: N/A

Total Number of Injury Crashes: N/A

### Traffic Information

85th Percentile Speed: 30 mph

50th Percentile Speed: 26 mph

AADT: 981 veh/day

On Street Parking and Usage: Not High

Pedestrian / Bicyclist Activity: Not High

### Roadway Information

Section Length: 0.71 mile(s)

Statutory Speed Limit: 30 mph

Existing Speed Limit: 30 mph

Adverse Alignment: No

One-Way Street: No

Divided/Undivided: Undivided

Number of Through Lanes: 2

Area Type: Residential-Subdivision

Number of Driveways: 60

Number of Signals: 0

## Recommended Speed Limit: 25

**Note:** Crash data were not entered for this project. A comprehensive crash study is a critical component of any traffic engineering study. We suggest that you repeat this process when crash data become available.

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## How the Recommended Speed Limit was Calculated

The questions and responses below, and the referenced page numbers, correspond to the flowcharts found in the [Decision Rules Flowchart document](#).

### Terms Used in Calculations

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).
- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL\_1:** Speed limit calculated using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL\_2:** Speed limit calculated using crash data from the crash module.
- **SL:** Recommended Speed Limit.

Calculate SL\_1 Using Site Characteristics (pg. K-23)

**Note:** The number of signals per mile is being calculated as 0.00 signals per mile.

**Note:** The number of driveways per mile is being calculated as 84.51 driveways per mile.

**Question 1:** Are any of the following true: there are more than four signals per mile, pedestrian or bicyclist activity is high, parking activity is high, or there are more than 60 driveways per mile?

**Results:** Yes. There are 0.00 signals per mile, 84.51 driveways per mile, not high pedestrian/bicyclist activity, and not high parking activity. **The SL\_1 is set to the closest 50th percentile speed (25 mph).**

**Question 2:** Are crash data available?

**Results:** No crash data are available. **The SL is being set equal to SL\_1 (25 mph).**

Determine the Final Recommended Speed Limit (pg. K-28)

**Question 3:** Is the SL less than 20 mph or greater than 50 mph?

**Results:** The SL (25 mph) is between 20 mph and 50 mph. **The SL remains the same.**

**Final Recommendation: The recommended speed limit is 25 mph.**

# USLIMITS2 Speed Zoning Report

## Project Overview

**Project Name: San Antonio 25 mph**

**Analyst:** Ning Zou

**Date:** 10-19-2020

### Basic Project Information

Route Name: San Antonio

From: Hopkins St\_

To: Harvey St\_

State: Texas

County: Hays County

City: San Marcos city

Route Type: Road Section in Developed Area

Route Status: Existing

### Crash Data Information

Crash Data Years: 0

Crash AADT: N/A

Total Number of Crashes: N/A

Total Number of Injury Crashes: N/A

### Traffic Information

85th Percentile Speed: 32 mph

50th Percentile Speed: 27 mph

AADT: 5358 veh/day

On Street Parking and Usage: High

Pedestrian / Bicyclist Activity: High

### Roadway Information

Section Length: 1.07 mile(s)

Statutory Speed Limit: 30 mph

Existing Speed Limit: 30 mph

Adverse Alignment: No

One-Way Street: No

Divided/Undivided: Undivided

Number of Through Lanes: 2

Area Type: Residential-Collector/Arterial

Number of Driveways: 65

Number of Signals: 0

## Recommended Speed Limit: 25

**Note:** Crash data were not entered for this project. A comprehensive crash study is a critical component of any traffic engineering study. We suggest that you repeat this process when crash data become available.

**Disclaimer:** The U.S. Government assumes no liability for the use of the information contained in this report. This report does not constitute a standard, specification, or regulation.

## How the Recommended Speed Limit was Calculated

The questions and responses below, and the referenced page numbers, correspond to the flowcharts found in the [Decision Rules Flowchart document](#).

### Terms Used in Calculations

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).
- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL\_1:** Speed limit calculated using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL\_2:** Speed limit calculated using crash data from the crash module.
- **SL:** Recommended Speed Limit.

Calculate SL\_1 Using Site Characteristics (pg. K-23)

**Note:** The number of signals per mile is being calculated as 0.00 signals per mile.

**Note:** The number of driveways per mile is being calculated as 60.75 driveways per mile.

**Question 1:** Are any of the following true: there are more than four signals per mile, pedestrian or bicyclist activity is high, parking activity is high, or there are more than 60 driveways per mile?

**Results:** Yes. There are 0.00 signals per mile, 60.75 driveways per mile, high pedestrian/bicyclist activity, and high parking activity. **The SL\_1 is set to the closest 50th percentile speed (25 mph).**

**Question 2:** Are crash data available?

**Results:** No crash data are available. **The SL is being set equal to SL\_1 (25 mph).**

Determine the Final Recommended Speed Limit (pg. K-28)

**Question 3:** Is the SL less than 20 mph or greater than 50 mph?

**Results:** The SL (25 mph) is between 20 mph and 50 mph. **The SL remains the same.**

**Final Recommendation: The recommended speed limit is 25 mph.**

## Appendix B – Traffic Data

## Daily Vehicle Volume Report

Study Date: Thursday, 09/24/2020 / Friday, 09/25/2020

Unit ID: 21

Location: Belvin St

	Westbound Volume	Eastbound Volume	Total Volume
10:00 - 10:59	18	31	49
11:00 - 11:59	45	55	100
12:00 - 12:59	47	45	92
13:00 - 13:59	36	49	85
14:00 - 14:59	42	38	80
15:00 - 15:59	49	55	104
16:00 - 16:59	45	59	104
17:00 - 17:59	28	71	99
18:00 - 18:59	37	43	80
19:00 - 19:59	40	38	78
20:00 - 20:59	26	35	61
21:00 - 21:59	15	21	36
22:00 - 22:59	8	18	26
23:00 - 23:59	9	7	16
00:00 - 00:59	2	3	5
01:00 - 01:59	1	8	9
02:00 - 02:59	3	9	12
03:00 - 03:59	2	2	4
04:00 - 04:59	1	2	3
05:00 - 05:59	4	5	9
06:00 - 06:59	10	9	19
07:00 - 07:59	21	29	50
08:00 - 08:59	25	20	45
09:00 - 09:59	26	32	58
<b>Totals</b>	<b>540</b>	<b>684</b>	<b>1224</b>
<b>AM Peak Time</b>	<b>10:59 - 11:58</b>	<b>10:56 - 11:55</b>	<b>10:59 - 11:58</b>
<b>AM Peak Volume</b>	<b>45</b>	<b>55</b>	<b>100</b>
<b>PM Peak Time</b>	<b>13:32 - 14:31</b>	<b>16:21 - 17:20</b>	<b>16:41 - 17:40</b>
<b>PM Peak Volume</b>	<b>51</b>	<b>80</b>	<b>120</b>

## Daily Westbound Speeds (MPH)

Study Date: Thursday, 09/24/2020 / Friday, 09/25/2020

Unit ID: 21

Location: Belvin St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	1	1	14	2	0	0	0	0	0	0	0	0	0	0	0	18
11:00 - 11:59	3	17	15	10	0	0	0	0	0	0	0	0	0	0	0	45
12:00 - 12:59	1	8	16	17	5	0	0	0	0	0	0	0	0	0	0	47
13:00 - 13:59	2	4	20	8	2	0	0	0	0	0	0	0	0	0	0	36
14:00 - 14:59	2	10	26	3	1	0	0	0	0	0	0	0	0	0	0	42
15:00 - 15:59	0	9	22	18	0	0	0	0	0	0	0	0	0	0	0	49
16:00 - 16:59	1	10	23	11	0	0	0	0	0	0	0	0	0	0	0	45
17:00 - 17:59	1	6	10	9	2	0	0	0	0	0	0	0	0	0	0	28
18:00 - 18:59	3	7	19	8	0	0	0	0	0	0	0	0	0	0	0	37
19:00 - 19:59	0	6	22	12	0	0	0	0	0	0	0	0	0	0	0	40
20:00 - 20:59	0	5	21	0	0	0	0	0	0	0	0	0	0	0	0	26
21:00 - 21:59	0	5	6	4	0	0	0	0	0	0	0	0	0	0	0	15
22:00 - 22:59	0	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
23:00 - 23:59	0	1	5	2	1	0	0	0	0	0	0	0	0	0	0	9
00:00 - 00:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
01:00 - 01:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3
03:00 - 03:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4
06:00 - 06:59	0	3	3	4	0	0	0	0	0	0	0	0	0	0	0	10
07:00 - 07:59	0	6	11	4	0	0	0	0	0	0	0	0	0	0	0	21
08:00 - 08:59	0	5	11	7	2	0	0	0	0	0	0	0	0	0	0	25
09:00 - 09:59	2	4	16	3	1	0	0	0	0	0	0	0	0	0	0	26
<b>Totals</b>	<b>16</b>	<b>110</b>	<b>271</b>	<b>128</b>	<b>15</b>	<b>0</b>	<b>540</b>									
Percent of Total	3.0	20.4	50.2	23.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	3.8	24.7	46.8	22.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	2.6	18.6	51.6	24.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Standard Deviation:	4.5 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	27.4 MPH
Mean Speed:	22.6 MPH	Percent in Ten Mile Pace:	73.9%	15th Percentile:	17.9 MPH
Median Speed:	22.6 MPH			90th Percentile:	28.5 MPH
Modal Speed:	22.5 MPH			95th Percentile:	29.5 MPH

## Daily Eastbound Speeds (MPH)

Study Date: Thursday, 09/24/2020 / Friday, 09/25/2020

Unit ID: 21

Location: Belvin St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	0	7	14	8	2	0	0	0	0	0	0	0	0	0	0	31
11:00 - 11:59	1	12	27	12	3	0	0	0	0	0	0	0	0	0	0	55
12:00 - 12:59	1	4	21	15	3	0	1	0	0	0	0	0	0	0	0	45
13:00 - 13:59	1	8	19	15	6	0	0	0	0	0	0	0	0	0	0	49
14:00 - 14:59	3	9	13	11	2	0	0	0	0	0	0	0	0	0	0	38
15:00 - 15:59	0	13	25	15	1	1	0	0	0	0	0	0	0	0	0	55
16:00 - 16:59	2	5	19	25	6	2	0	0	0	0	0	0	0	0	0	59
17:00 - 17:59	2	7	26	28	8	0	0	0	0	0	0	0	0	0	0	71
18:00 - 18:59	1	7	23	10	2	0	0	0	0	0	0	0	0	0	0	43
19:00 - 19:59	2	8	13	12	3	0	0	0	0	0	0	0	0	0	0	38
20:00 - 20:59	0	5	13	12	5	0	0	0	0	0	0	0	0	0	0	35
21:00 - 21:59	0	0	6	11	4	0	0	0	0	0	0	0	0	0	0	21
22:00 - 22:59	0	2	3	9	3	0	1	0	0	0	0	0	0	0	0	18
23:00 - 23:59	0	2	4	1	0	0	0	0	0	0	0	0	0	0	0	7
00:00 - 00:59	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	3
01:00 - 01:59	1	0	2	3	2	0	0	0	0	0	0	0	0	0	0	8
02:00 - 02:59	1	1	3	1	1	2	0	0	0	0	0	0	0	0	0	9
03:00 - 03:59	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00 - 05:59	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	5
06:00 - 06:59	0	0	7	1	1	0	0	0	0	0	0	0	0	0	0	9
07:00 - 07:59	0	5	11	11	2	0	0	0	0	0	0	0	0	0	0	29
08:00 - 08:59	0	5	4	7	4	0	0	0	0	0	0	0	0	0	0	20
09:00 - 09:59	0	13	12	4	3	0	0	0	0	0	0	0	0	0	0	32
<b>Totals</b>	<b>15</b>	<b>114</b>	<b>268</b>	<b>215</b>	<b>65</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>684</b>							
Percent of Total	2.2	16.7	39.2	31.4	9.5	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.5	21.5	40.5	24.9	10.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	2.5	14.6	38.6	34.2	9.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Standard Deviation:	5.2 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	29.3 MPH
Mean Speed:	24.1 MPH	Percent in Ten Mile Pace:	70.6%	15th Percentile:	18.8 MPH
Median Speed:	24.0 MPH			90th Percentile:	30.2 MPH
Modal Speed:	22.5 MPH			95th Percentile:	32.9 MPH

## Daily Total Speeds (MPH)

Study Date: Thursday, 09/24/2020 / Friday, 09/25/2020

Unit ID: 21

Location: Belvin St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	1	8	28	10	2	0	0	0	0	0	0	0	0	0	0	49
11:00 - 11:59	4	29	42	22	3	0	0	0	0	0	0	0	0	0	0	100
12:00 - 12:59	2	12	37	32	8	0	1	0	0	0	0	0	0	0	0	92
13:00 - 13:59	3	12	39	23	8	0	0	0	0	0	0	0	0	0	0	85
14:00 - 14:59	5	19	39	14	3	0	0	0	0	0	0	0	0	0	0	80
15:00 - 15:59	0	22	47	33	1	1	0	0	0	0	0	0	0	0	0	104
16:00 - 16:59	3	15	42	36	6	2	0	0	0	0	0	0	0	0	0	104
17:00 - 17:59	3	13	36	37	10	0	0	0	0	0	0	0	0	0	0	99
18:00 - 18:59	4	14	42	18	2	0	0	0	0	0	0	0	0	0	0	80
19:00 - 19:59	2	14	35	24	3	0	0	0	0	0	0	0	0	0	0	78
20:00 - 20:59	0	10	34	12	5	0	0	0	0	0	0	0	0	0	0	61
21:00 - 21:59	0	5	12	15	4	0	0	0	0	0	0	0	0	0	0	36
22:00 - 22:59	0	2	10	10	3	0	1	0	0	0	0	0	0	0	0	26
23:00 - 23:59	0	3	9	3	1	0	0	0	0	0	0	0	0	0	0	16
00:00 - 00:59	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	5
01:00 - 01:59	1	1	2	3	2	0	0	0	0	0	0	0	0	0	0	9
02:00 - 02:59	1	1	3	3	2	2	0	0	0	0	0	0	0	0	0	12
03:00 - 03:59	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	4
04:00 - 04:59	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	2	3	4	0	0	0	0	0	0	0	0	0	0	0	9
06:00 - 06:59	0	3	10	5	1	0	0	0	0	0	0	0	0	0	0	19
07:00 - 07:59	0	11	22	15	2	0	0	0	0	0	0	0	0	0	0	50
08:00 - 08:59	0	10	15	14	6	0	0	0	0	0	0	0	0	0	0	45
09:00 - 09:59	2	17	28	7	4	0	0	0	0	0	0	0	0	0	0	58
<b>Totals</b>	<b>31</b>	<b>224</b>	<b>539</b>	<b>343</b>	<b>80</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>1224</b>							
<b>Percent of Total</b>	<b>2.5</b>	<b>18.3</b>	<b>44.0</b>	<b>28.0</b>	<b>6.5</b>	<b>0.4</b>	<b>0.2</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of AM</b>	<b>2.5</b>	<b>22.9</b>	<b>43.3</b>	<b>23.7</b>	<b>7.2</b>	<b>0.6</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of PM</b>	<b>2.6</b>	<b>16.4</b>	<b>44.4</b>	<b>29.8</b>	<b>6.3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.0</b>	<b>100</b>							

Standard Deviation:	5.0 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	28.6 MPH
Mean Speed:	23.4 MPH	Percent in Ten Mile Pace:	72.1%	15th Percentile:	18.4 MPH
Median Speed:	23.3 MPH			90th Percentile:	29.5 MPH
Modal Speed:	22.5 MPH			95th Percentile:	31.6 MPH

## Daily Vehicle Volume Report

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: #12

Location: Gravel St

	Eastbound Volume	Westbound Volume	Total Volume
12:00 - 12:59	29	42	71
13:00 - 13:59	31	43	74
14:00 - 14:59	43	49	92
15:00 - 15:59	42	78	120
16:00 - 16:59	47	69	116
17:00 - 17:59	42	70	112
18:00 - 18:59	46	49	95
19:00 - 19:59	27	41	68
20:00 - 20:59	26	36	62
21:00 - 21:59	16	22	38
22:00 - 22:59	7	18	25
23:00 - 23:59	11	8	19
00:00 - 00:59	4	5	9
01:00 - 01:59	2	2	4
02:00 - 02:59	1	1	2
03:00 - 03:59	7	2	9
04:00 - 04:59	16	6	22
05:00 - 05:59	24	9	33
06:00 - 06:59	45	17	62
07:00 - 07:59	39	32	71
08:00 - 08:59	25	18	43
09:00 - 09:59	37	29	66
10:00 - 10:59	43	42	85
11:00 - 11:59	40	47	87
<b>Totals</b>	<b>650</b>	<b>735</b>	<b>1385</b>
<b>AM Peak Time</b>	<b>06:09 - 07:08</b>	<b>10:16 - 11:15</b>	<b>10:52 - 11:51</b>
<b>AM Peak Volume</b>	<b>49</b>	<b>49</b>	<b>91</b>
<b>PM Peak Time</b>	<b>16:28 - 17:27</b>	<b>15:20 - 16:19</b>	<b>16:12 - 17:11</b>
<b>PM Peak Volume</b>	<b>58</b>	<b>88</b>	<b>133</b>

## Daily Eastbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: #12

Location: Gravel St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
12:00 - 12:59	0	3	14	11	1	0	0	0	0	0	0	0	0	0	0	29
13:00 - 13:59	0	4	13	9	3	2	0	0	0	0	0	0	0	0	0	31
14:00 - 14:59	1	4	17	19	1	1	0	0	0	0	0	0	0	0	0	43
15:00 - 15:59	0	6	17	16	3	0	0	0	0	0	0	0	0	0	0	42
16:00 - 16:59	1	5	24	15	2	0	0	0	0	0	0	0	0	0	0	47
17:00 - 17:59	1	5	19	14	3	0	0	0	0	0	0	0	0	0	0	42
18:00 - 18:59	0	10	22	12	2	0	0	0	0	0	0	0	0	0	0	46
19:00 - 19:59	1	6	12	8	0	0	0	0	0	0	0	0	0	0	0	27
20:00 - 20:59	1	1	9	12	3	0	0	0	0	0	0	0	0	0	0	26
21:00 - 21:59	0	0	8	5	3	0	0	0	0	0	0	0	0	0	0	16
22:00 - 22:59	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
23:00 - 23:59	0	1	6	4	0	0	0	0	0	0	0	0	0	0	0	11
00:00 - 00:59	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4
01:00 - 01:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
04:00 - 04:59	0	1	7	6	2	0	0	0	0	0	0	0	0	0	0	16
05:00 - 05:59	1	3	12	5	3	0	0	0	0	0	0	0	0	0	0	24
06:00 - 06:59	2	3	24	13	3	0	0	0	0	0	0	0	0	0	0	45
07:00 - 07:59	0	3	12	23	1	0	0	0	0	0	0	0	0	0	0	39
08:00 - 08:59	0	6	8	9	2	0	0	0	0	0	0	0	0	0	0	25
09:00 - 09:59	0	7	15	14	1	0	0	0	0	0	0	0	0	0	0	37
10:00 - 10:59	2	9	20	12	0	0	0	0	0	0	0	0	0	0	0	43
11:00 - 11:59	2	4	15	17	2	0	0	0	0	0	0	0	0	0	0	40
<b>Totals</b>	<b>12</b>	<b>82</b>	<b>288</b>	<b>230</b>	<b>35</b>	<b>3</b>	<b>0</b>	<b>650</b>								
<b>Percent of Total</b>	<b>1.8</b>	<b>12.6</b>	<b>44.3</b>	<b>35.4</b>	<b>5.4</b>	<b>0.5</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of AM</b>	<b>2.5</b>	<b>13.1</b>	<b>43.5</b>	<b>36.0</b>	<b>4.9</b>	<b>0.0</b>	<b>100</b>									
<b>Percent of PM</b>	<b>1.4</b>	<b>12.3</b>	<b>45.0</b>	<b>34.9</b>	<b>5.7</b>	<b>0.8</b>	<b>0.0</b>	<b>100</b>								

Standard Deviation:	4.6 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	28.7 MPH
Mean Speed:	24.0 MPH	Percent in Ten Mile Pace:	79.7%	15th Percentile:	20.1 MPH
Median Speed:	24.0 MPH			90th Percentile:	29.4 MPH
Modal Speed:	22.5 MPH			95th Percentile:	30.7 MPH

## Daily Westbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: #12

Location: Gravel St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
12:00 - 12:59	6	16	16	4	0	0	0	0	0	0	0	0	0	0	0	42
13:00 - 13:59	1	11	26	5	0	0	0	0	0	0	0	0	0	0	0	43
14:00 - 14:59	7	18	20	4	0	0	0	0	0	0	0	0	0	0	0	49
15:00 - 15:59	9	18	42	9	0	0	0	0	0	0	0	0	0	0	0	78
16:00 - 16:59	4	23	38	4	0	0	0	0	0	0	0	0	0	0	0	69
17:00 - 17:59	1	25	37	6	1	0	0	0	0	0	0	0	0	0	0	70
18:00 - 18:59	5	23	17	4	0	0	0	0	0	0	0	0	0	0	0	49
19:00 - 19:59	4	21	11	5	0	0	0	0	0	0	0	0	0	0	0	41
20:00 - 20:59	1	14	19	0	2	0	0	0	0	0	0	0	0	0	0	36
21:00 - 21:59	1	10	11	0	0	0	0	0	0	0	0	0	0	0	0	22
22:00 - 22:59	2	6	9	0	1	0	0	0	0	0	0	0	0	0	0	18
23:00 - 23:59	1	5	2	0	0	0	0	0	0	0	0	0	0	0	0	8
00:00 - 00:59	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	5
01:00 - 01:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	3	2	0	0	1	0	0	0	0	0	0	0	0	0	6
05:00 - 05:59	1	0	4	4	0	0	0	0	0	0	0	0	0	0	0	9
06:00 - 06:59	3	6	5	3	0	0	0	0	0	0	0	0	0	0	0	17
07:00 - 07:59	5	13	11	3	0	0	0	0	0	0	0	0	0	0	0	32
08:00 - 08:59	1	7	8	2	0	0	0	0	0	0	0	0	0	0	0	18
09:00 - 09:59	2	10	16	1	0	0	0	0	0	0	0	0	0	0	0	29
10:00 - 10:59	4	16	20	1	1	0	0	0	0	0	0	0	0	0	0	42
11:00 - 11:59	1	17	21	8	0	0	0	0	0	0	0	0	0	0	0	47
<b>Totals</b>	<b>59</b>	<b>264</b>	<b>340</b>	<b>66</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>735</b>								
<b>Percent of Total</b>	<b>8.0</b>	<b>35.9</b>	<b>46.3</b>	<b>9.0</b>	<b>0.7</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of AM</b>	<b>8.1</b>	<b>35.2</b>	<b>43.8</b>	<b>11.9</b>	<b>0.5</b>	<b>0.5</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of PM</b>	<b>8.0</b>	<b>36.2</b>	<b>47.2</b>	<b>7.8</b>	<b>0.8</b>	<b>0.0</b>	<b>100</b>									

Standard Deviation:	4.7 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	24.4 MPH
Mean Speed:	20.2 MPH	Percent in Ten Mile Pace:	82.2%	15th Percentile:	16.0 MPH
Median Speed:	20.6 MPH			90th Percentile:	25.0 MPH
Modal Speed:	22.5 MPH			95th Percentile:	27.6 MPH

## Daily Total Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: #12

Location: Gravel St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
12:00 - 12:59	6	19	30	15	1	0	0	0	0	0	0	0	0	0	0	71
13:00 - 13:59	1	15	39	14	3	2	0	0	0	0	0	0	0	0	0	74
14:00 - 14:59	8	22	37	23	1	1	0	0	0	0	0	0	0	0	0	92
15:00 - 15:59	9	24	59	25	3	0	0	0	0	0	0	0	0	0	0	120
16:00 - 16:59	5	28	62	19	2	0	0	0	0	0	0	0	0	0	0	116
17:00 - 17:59	2	30	56	20	4	0	0	0	0	0	0	0	0	0	0	112
18:00 - 18:59	5	33	39	16	2	0	0	0	0	0	0	0	0	0	0	95
19:00 - 19:59	5	27	23	13	0	0	0	0	0	0	0	0	0	0	0	68
20:00 - 20:59	2	15	28	12	5	0	0	0	0	0	0	0	0	0	0	62
21:00 - 21:59	1	10	19	5	3	0	0	0	0	0	0	0	0	0	0	38
22:00 - 22:59	2	6	13	3	1	0	0	0	0	0	0	0	0	0	0	25
23:00 - 23:59	1	6	8	4	0	0	0	0	0	0	0	0	0	0	0	19
00:00 - 00:59	0	3	6	0	0	0	0	0	0	0	0	0	0	0	0	9
01:00 - 01:59	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
02:00 - 02:59	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
04:00 - 04:59	0	4	9	6	2	1	0	0	0	0	0	0	0	0	0	22
05:00 - 05:59	2	3	16	9	3	0	0	0	0	0	0	0	0	0	0	33
06:00 - 06:59	5	9	29	16	3	0	0	0	0	0	0	0	0	0	0	62
07:00 - 07:59	5	16	23	26	1	0	0	0	0	0	0	0	0	0	0	71
08:00 - 08:59	1	13	16	11	2	0	0	0	0	0	0	0	0	0	0	43
09:00 - 09:59	2	17	31	15	1	0	0	0	0	0	0	0	0	0	0	66
10:00 - 10:59	6	25	40	13	1	0	0	0	0	0	0	0	0	0	0	85
11:00 - 11:59	3	21	36	25	2	0	0	0	0	0	0	0	0	0	0	87
<b>Totals</b>	<b>71</b>	<b>346</b>	<b>628</b>	<b>296</b>	<b>40</b>	<b>4</b>	<b>0</b>	<b>1385</b>								
Percent of Total	5.1	25.0	45.3	21.4	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	4.9	22.5	43.6	25.8	3.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	5.3	26.3	46.3	18.9	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Standard Deviation:	5.0 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	27.2 MPH
Mean Speed:	22.0 MPH	Percent in Ten Mile Pace:	70.3%	15th Percentile:	17.0 MPH
Median Speed:	22.2 MPH			90th Percentile:	28.4 MPH
Modal Speed:	22.5 MPH			95th Percentile:	29.6 MPH

## Daily Vehicle Volume Report

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 22

Location: Hutchinson St

	Eastbound Volume	Westbound Volume	Total Volume
11:00 - 11:59	48	52	100
12:00 - 12:59	60	59	119
13:00 - 13:59	54	61	115
14:00 - 14:59	47	64	111
15:00 - 15:59	64	75	139
16:00 - 16:59	50	64	114
17:00 - 17:59	52	87	139
18:00 - 18:59	46	62	108
19:00 - 19:59	45	57	102
20:00 - 20:59	29	47	76
21:00 - 21:59	14	32	46
22:00 - 22:59	16	21	37
23:00 - 23:59	12	15	27
00:00 - 00:59	0	2	2
01:00 - 01:59	3	2	5
02:00 - 02:59	2	4	6
03:00 - 03:59	2	2	4
04:00 - 04:59	3	2	5
05:00 - 05:59	8	3	11
06:00 - 06:59	15	12	27
07:00 - 07:59	36	21	57
08:00 - 08:59	48	37	85
09:00 - 09:59	44	42	86
10:00 - 10:59	38	43	81
<b>Totals</b>	<b>736</b>	<b>866</b>	<b>1602</b>
<b>AM Peak Time</b>	<b>07:37 - 08:36</b>	<b>11:00 - 11:59</b>	<b>11:00 - 11:59</b>
<b>AM Peak Volume</b>	<b>55</b>	<b>52</b>	<b>100</b>
<b>PM Peak Time</b>	<b>15:12 - 16:11</b>	<b>16:44 - 17:43</b>	<b>16:47 - 17:46</b>
<b>PM Peak Volume</b>	<b>67</b>	<b>88</b>	<b>147</b>

## Daily Vehicle Volume Report

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 22

Location: Hutchinson St

	Eastbound Volume	Westbound Volume	Total Volume
11:00 - 11:59	59	64	123
12:00 - 12:59	53	62	115
13:00 - 13:59	39	68	107
14:00 - 14:59	45	52	97
15:00 - 15:59	67	66	133
16:00 - 16:59	65	84	149
17:00 - 17:59	70	104	174
18:00 - 18:59	64	85	149
19:00 - 19:59	35	53	88
20:00 - 20:59	29	39	68
21:00 - 21:59	21	29	50
22:00 - 22:59	13	19	32
23:00 - 23:59	15	24	39
00:00 - 00:59	12	6	18
01:00 - 01:59	5	4	9
02:00 - 02:59	4	3	7
03:00 - 03:59	3	4	7
04:00 - 04:59	3	2	5
05:00 - 05:59	9	1	10
06:00 - 06:59	12	12	24
07:00 - 07:59	38	23	61
08:00 - 08:59	43	35	78
09:00 - 09:59	51	37	88
10:00 - 10:59	38	43	81
<b>Totals</b>	<b>793</b>	<b>919</b>	<b>1712</b>
<b>AM Peak Time</b>	<b>11:00 - 11:59</b>	<b>11:00 - 11:59</b>	<b>11:00 - 11:59</b>
<b>AM Peak Volume</b>	<b>59</b>	<b>64</b>	<b>123</b>
<b>PM Peak Time</b>	<b>17:21 - 18:20</b>	<b>16:27 - 17:26</b>	<b>16:27 - 17:26</b>
<b>PM Peak Volume</b>	<b>81</b>	<b>110</b>	<b>184</b>

## Daily Eastbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 22

Location: Hutchinson St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	6	5	18	15	4	0	0	0	0	0	0	0	0	0	0	48
12:00 - 12:59	2	9	18	27	3	1	0	0	0	0	0	0	0	0	0	60
13:00 - 13:59	3	13	15	18	4	1	0	0	0	0	0	0	0	0	0	54
14:00 - 14:59	3	8	16	17	2	0	0	0	0	0	0	0	0	0	0	46
15:00 - 15:59	7	15	22	19	1	0	0	0	0	0	0	0	0	0	0	64
16:00 - 16:59	3	4	18	19	5	1	0	0	0	0	0	0	0	0	0	50
17:00 - 17:59	4	4	18	20	5	1	0	0	0	0	0	0	0	0	0	52
18:00 - 18:59	4	6	19	13	4	0	0	0	0	0	0	0	0	0	0	46
19:00 - 19:59	4	8	16	13	3	1	0	0	0	0	0	0	0	0	0	45
20:00 - 20:59	2	7	12	4	4	0	0	0	0	0	0	0	0	0	0	29
21:00 - 21:59	0	2	7	4	1	0	0	0	0	0	0	0	0	0	0	14
22:00 - 22:59	2	4	7	3	0	0	0	0	0	0	0	0	0	0	0	16
23:00 - 23:59	0	3	5	4	0	0	0	0	0	0	0	0	0	0	0	12
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
02:00 - 02:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	8
06:00 - 06:59	0	2	4	7	2	0	0	0	0	0	0	0	0	0	0	15
07:00 - 07:59	3	4	13	14	2	0	0	0	0	0	0	0	0	0	0	36
08:00 - 08:59	3	6	21	16	1	1	0	0	0	0	0	0	0	0	0	48
09:00 - 09:59	2	4	13	20	5	0	0	0	0	0	0	0	0	0	0	44
10:00 - 10:59	0	6	18	9	4	1	0	0	0	0	0	0	0	0	0	38
<b>Totals</b>	<b>49</b>	<b>114</b>	<b>265</b>	<b>248</b>	<b>52</b>	<b>7</b>	<b>0</b>	<b>735</b>								
<b>Percent of Total</b>	<b>6.7</b>	<b>15.5</b>	<b>36.1</b>	<b>33.7</b>	<b>7.1</b>	<b>1.0</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of AM</b>	<b>6.1</b>	<b>12.6</b>	<b>37.2</b>	<b>35.2</b>	<b>8.1</b>	<b>0.8</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of PM</b>	<b>7.0</b>	<b>17.0</b>	<b>35.5</b>	<b>33.0</b>	<b>6.6</b>	<b>1.0</b>	<b>0.0</b>	<b>100</b>								

Standard Deviation:	5.8 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	29.0 MPH
Mean Speed:	23.4 MPH	Percent in Ten Mile Pace:	69.8%	15th Percentile:	17.7 MPH
Median Speed:	23.8 MPH			90th Percentile:	29.7 MPH
Modal Speed:	22.5 MPH			95th Percentile:	32.1 MPH

## Daily Eastbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 22

Location: Hutchinson St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	1	6	21	25	4	2	0	0	0	0	0	0	0	0	0	59
12:00 - 12:59	1	6	18	26	2	0	0	0	0	0	0	0	0	0	0	53
13:00 - 13:59	0	5	18	15	1	0	0	0	0	0	0	0	0	0	0	39
14:00 - 14:59	2	7	12	17	7	0	0	0	0	0	0	0	0	0	0	45
15:00 - 15:59	5	10	26	19	6	1	0	0	0	0	0	0	0	0	0	67
16:00 - 16:59	2	11	20	22	8	2	0	0	0	0	0	0	0	0	0	65
17:00 - 17:59	8	11	21	24	6	0	0	0	0	0	0	0	0	0	0	70
18:00 - 18:59	3	8	25	22	5	0	1	0	0	0	0	0	0	0	0	64
19:00 - 19:59	1	10	9	14	1	0	0	0	0	0	0	0	0	0	0	35
20:00 - 20:59	4	4	7	14	0	0	0	0	0	0	0	0	0	0	0	29
21:00 - 21:59	2	2	4	13	0	0	0	0	0	0	0	0	0	0	0	21
22:00 - 22:59	0	3	8	0	2	0	0	0	0	0	0	0	0	0	0	13
23:00 - 23:59	2	1	3	7	2	0	0	0	0	0	0	0	0	0	0	15
00:00 - 00:59	2	0	3	6	1	0	0	0	0	0	0	0	0	0	0	12
01:00 - 01:59	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	5
02:00 - 02:59	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	4
03:00 - 03:59	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
04:00 - 04:59	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	1	1	5	2	0	0	0	0	0	0	0	0	0	0	9
06:00 - 06:59	1	2	5	4	0	0	0	0	0	0	0	0	0	0	0	12
07:00 - 07:59	1	4	14	17	2	0	0	0	0	0	0	0	0	0	0	38
08:00 - 08:59	5	7	18	11	1	1	0	0	0	0	0	0	0	0	0	43
09:00 - 09:59	2	5	33	9	2	0	0	0	0	0	0	0	0	0	0	51
10:00 - 10:59	2	7	21	7	1	0	0	0	0	0	0	0	0	0	0	38
<b>Totals</b>	<b>47</b>	<b>114</b>	<b>290</b>	<b>281</b>	<b>54</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>793</b>							
<b>Percent of Total</b>	<b>5.9</b>	<b>14.4</b>	<b>36.6</b>	<b>35.4</b>	<b>6.8</b>	<b>0.8</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of AM</b>	<b>6.1</b>	<b>13.0</b>	<b>43.0</b>	<b>31.8</b>	<b>5.1</b>	<b>1.1</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of PM</b>	<b>5.8</b>	<b>15.1</b>	<b>33.1</b>	<b>37.4</b>	<b>7.8</b>	<b>0.6</b>	<b>0.2</b>	<b>0.0</b>	<b>100</b>							

Standard Deviation:	5.6 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	29.0 MPH
Mean Speed:	23.6 MPH	Percent in Ten Mile Pace:	72.0%	15th Percentile:	18.1 MPH
Median Speed:	24.1 MPH			90th Percentile:	29.7 MPH
Modal Speed:	22.5 MPH			95th Percentile:	31.9 MPH

## Daily Westbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 22

Location: Hutchinson St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	1	7	8	25	9	0	2	0	0	0	0	0	0	0	0	52
12:00 - 12:59	2	9	10	17	18	2	1	0	0	0	0	0	0	0	0	59
13:00 - 13:59	2	10	10	23	12	3	1	0	0	0	0	0	0	0	0	61
14:00 - 14:59	3	11	13	15	19	3	0	0	0	0	0	0	0	0	0	64
15:00 - 15:59	0	10	9	29	27	0	0	0	0	0	0	0	0	0	0	75
16:00 - 16:59	3	9	5	22	19	5	0	0	0	1	0	0	0	0	0	64
17:00 - 17:59	5	15	6	32	21	8	0	0	0	0	0	0	0	0	0	87
18:00 - 18:59	0	1	15	28	15	3	0	0	0	0	0	0	0	0	0	62
19:00 - 19:59	2	10	6	26	11	2	0	0	0	0	0	0	0	0	0	57
20:00 - 20:59	0	7	8	18	11	3	0	0	0	0	0	0	0	0	0	47
21:00 - 21:59	0	4	4	13	9	2	0	0	0	0	0	0	0	0	0	32
22:00 - 22:59	0	5	3	8	4	1	0	0	0	0	0	0	0	0	0	21
23:00 - 23:59	0	4	4	3	1	3	0	0	0	0	0	0	0	0	0	15
00:00 - 00:59	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
01:00 - 01:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	4
03:00 - 03:59	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
05:00 - 05:59	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
06:00 - 06:59	0	1	0	8	2	1	0	0	0	0	0	0	0	0	0	12
07:00 - 07:59	2	1	2	8	6	2	0	0	0	0	0	0	0	0	0	21
08:00 - 08:59	1	4	4	18	7	3	0	0	0	0	0	0	0	0	0	37
09:00 - 09:59	3	7	10	15	6	1	0	0	0	0	0	0	0	0	0	42
10:00 - 10:59	1	5	8	14	11	3	1	0	0	0	0	0	0	0	0	43
<b>Totals</b>	<b>25</b>	<b>122</b>	<b>130</b>	<b>327</b>	<b>211</b>	<b>45</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>866</b>
Percent of Total	2.9	14.1	15.0	37.8	24.4	5.2	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	3.6	12.2	16.7	41.9	19.8	4.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	2.6	14.8	14.4	36.3	25.9	5.4	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	100

Standard Deviation:	6.5 MPH	Ten Mile Pace:	25 to 34 MPH	85th Percentile:	33.1 MPH
Mean Speed:	26.7 MPH	Percent in Ten Mile Pace:	62.1%	15th Percentile:	19.3 MPH
Median Speed:	27.4 MPH			90th Percentile:	34.1 MPH
Modal Speed:	27.5 MPH			95th Percentile:	35.8 MPH

## Daily Westbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 22

Location: Hutchinson St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	0	11	6	18	24	4	1	0	0	0	0	0	0	0	0	64
12:00 - 12:59	1	5	6	29	16	4	0	0	0	0	0	0	0	1	0	62
13:00 - 13:59	1	9	10	25	19	2	2	0	0	0	0	0	0	0	0	68
14:00 - 14:59	0	7	8	16	15	6	0	0	0	0	0	0	0	0	0	52
15:00 - 15:59	3	8	9	24	17	5	0	0	0	0	0	0	0	0	0	66
16:00 - 16:59	1	8	11	35	26	3	0	0	0	0	0	0	0	0	0	84
17:00 - 17:59	0	17	11	43	28	3	0	1	1	0	0	0	0	0	0	104
18:00 - 18:59	1	9	16	37	19	3	0	0	0	0	0	0	0	0	0	85
19:00 - 19:59	1	9	11	19	11	2	0	0	0	0	0	0	0	0	0	53
20:00 - 20:59	2	6	4	15	11	1	0	0	0	0	0	0	0	0	0	39
21:00 - 21:59	1	1	4	10	10	3	0	0	0	0	0	0	0	0	0	29
22:00 - 22:59	1	1	4	5	6	2	0	0	0	0	0	0	0	0	0	19
23:00 - 23:59	1	4	5	7	2	4	1	0	0	0	0	0	0	0	0	24
00:00 - 00:59	0	0	0	4	1	1	0	0	0	0	0	0	0	0	0	6
01:00 - 01:59	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	4
02:00 - 02:59	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3
03:00 - 03:59	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4
04:00 - 04:59	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
05:00 - 05:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	1	0	5	6	0	0	0	0	0	0	0	0	0	0	12
07:00 - 07:59	1	1	4	10	4	2	1	0	0	0	0	0	0	0	0	23
08:00 - 08:59	1	4	7	11	9	3	0	0	0	0	0	0	0	0	0	35
09:00 - 09:59	1	3	7	19	7	0	0	0	0	0	0	0	0	0	0	37
10:00 - 10:59	1	8	11	12	9	2	0	0	0	0	0	0	0	0	0	43
<b>Totals</b>	<b>18</b>	<b>112</b>	<b>135</b>	<b>350</b>	<b>245</b>	<b>51</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>919</b>
<b>Percent of Total</b>	<b>2.0</b>	<b>12.2</b>	<b>14.7</b>	<b>38.1</b>	<b>26.7</b>	<b>5.5</b>	<b>0.5</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>
<b>Percent of AM</b>	<b>2.1</b>	<b>12.0</b>	<b>15.4</b>	<b>36.3</b>	<b>27.8</b>	<b>5.6</b>	<b>0.9</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of PM</b>	<b>1.9</b>	<b>12.3</b>	<b>14.5</b>	<b>38.7</b>	<b>26.3</b>	<b>5.5</b>	<b>0.4</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>

Standard Deviation:	6.4 MPH	Ten Mile Pace:	25 to 34 MPH	85th Percentile:	33.4 MPH
Mean Speed:	27.3 MPH	Percent in Ten Mile Pace:	64.7%	15th Percentile:	20.3 MPH
Median Speed:	27.8 MPH			90th Percentile:	34.3 MPH
Modal Speed:	27.5 MPH			95th Percentile:	36.2 MPH

## Daily Total Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 22

Location: Hutchinson St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	7	12	26	40	13	0	2	0	0	0	0	0	0	0	0	100
12:00 - 12:59	4	18	28	44	21	3	1	0	0	0	0	0	0	0	0	119
13:00 - 13:59	5	23	25	41	16	4	1	0	0	0	0	0	0	0	0	115
14:00 - 14:59	6	19	29	32	21	3	0	0	0	0	0	0	0	0	0	110
15:00 - 15:59	7	25	31	48	28	0	0	0	0	0	0	0	0	0	0	139
16:00 - 16:59	6	13	23	41	24	6	0	0	0	1	0	0	0	0	0	114
17:00 - 17:59	9	19	24	52	26	9	0	0	0	0	0	0	0	0	0	139
18:00 - 18:59	4	7	34	41	19	3	0	0	0	0	0	0	0	0	0	108
19:00 - 19:59	6	18	22	39	14	3	0	0	0	0	0	0	0	0	0	102
20:00 - 20:59	2	14	20	22	15	3	0	0	0	0	0	0	0	0	0	76
21:00 - 21:59	0	6	11	17	10	2	0	0	0	0	0	0	0	0	0	46
22:00 - 22:59	2	9	10	11	4	1	0	0	0	0	0	0	0	0	0	37
23:00 - 23:59	0	7	9	7	1	3	0	0	0	0	0	0	0	0	0	27
00:00 - 00:59	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
01:00 - 01:59	0	1	1	3	0	0	0	0	0	0	0	0	0	0	0	5
02:00 - 02:59	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	6
03:00 - 03:59	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	4
04:00 - 04:59	1	0	3	1	0	0	0	0	0	0	0	0	0	0	0	5
05:00 - 05:59	0	3	3	3	2	0	0	0	0	0	0	0	0	0	0	11
06:00 - 06:59	0	3	4	15	4	1	0	0	0	0	0	0	0	0	0	27
07:00 - 07:59	5	5	15	22	8	2	0	0	0	0	0	0	0	0	0	57
08:00 - 08:59	4	10	25	34	8	4	0	0	0	0	0	0	0	0	0	85
09:00 - 09:59	5	11	23	35	11	1	0	0	0	0	0	0	0	0	0	86
10:00 - 10:59	1	11	26	23	15	4	1	0	0	0	0	0	0	0	0	81
<b>Totals</b>	<b>74</b>	<b>236</b>	<b>395</b>	<b>575</b>	<b>263</b>	<b>52</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1601</b>
Percent of Total	4.6	14.7	24.7	35.9	16.4	3.2	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	4.9	12.4	27.5	38.4	13.6	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	4.5	15.7	23.5	34.9	17.6	3.5	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100

Standard Deviation:	6.4 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	31.5 MPH
Mean Speed:	25.2 MPH	Percent in Ten Mile Pace:	60.6%	15th Percentile:	18.5 MPH
Median Speed:	25.8 MPH			90th Percentile:	33.0 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.6 MPH

## Daily Total Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 22

Location: Hutchinson St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	1	17	27	43	28	6	1	0	0	0	0	0	0	0	0	123
12:00 - 12:59	2	11	24	55	18	4	0	0	0	0	0	0	0	1	0	115
13:00 - 13:59	1	14	28	40	20	2	2	0	0	0	0	0	0	0	0	107
14:00 - 14:59	2	14	20	33	22	6	0	0	0	0	0	0	0	0	0	97
15:00 - 15:59	8	18	35	43	23	6	0	0	0	0	0	0	0	0	0	133
16:00 - 16:59	3	19	31	57	34	5	0	0	0	0	0	0	0	0	0	149
17:00 - 17:59	8	28	32	67	34	3	0	1	1	0	0	0	0	0	0	174
18:00 - 18:59	4	17	41	59	24	3	1	0	0	0	0	0	0	0	0	149
19:00 - 19:59	2	19	20	33	12	2	0	0	0	0	0	0	0	0	0	88
20:00 - 20:59	6	10	11	29	11	1	0	0	0	0	0	0	0	0	0	68
21:00 - 21:59	3	3	8	23	10	3	0	0	0	0	0	0	0	0	0	50
22:00 - 22:59	1	4	12	5	8	2	0	0	0	0	0	0	0	0	0	32
23:00 - 23:59	3	5	8	14	4	4	1	0	0	0	0	0	0	0	0	39
00:00 - 00:59	2	0	3	10	2	1	0	0	0	0	0	0	0	0	0	18
01:00 - 01:59	1	1	2	4	1	0	0	0	0	0	0	0	0	0	0	9
02:00 - 02:59	2	0	1	1	2	1	0	0	0	0	0	0	0	0	0	7
03:00 - 03:59	0	1	1	4	1	0	0	0	0	0	0	0	0	0	0	7
04:00 - 04:59	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	5
05:00 - 05:59	0	1	1	5	3	0	0	0	0	0	0	0	0	0	0	10
06:00 - 06:59	1	3	5	9	6	0	0	0	0	0	0	0	0	0	0	24
07:00 - 07:59	2	5	18	27	6	2	1	0	0	0	0	0	0	0	0	61
08:00 - 08:59	6	11	25	22	10	4	0	0	0	0	0	0	0	0	0	78
09:00 - 09:59	3	8	40	28	9	0	0	0	0	0	0	0	0	0	0	88
10:00 - 10:59	3	15	32	19	10	2	0	0	0	0	0	0	0	0	0	81
<b>Totals</b>	<b>65</b>	<b>226</b>	<b>425</b>	<b>631</b>	<b>299</b>	<b>57</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1712</b>
<b>Percent of Total</b>	<b>3.8</b>	<b>13.2</b>	<b>24.8</b>	<b>36.9</b>	<b>17.5</b>	<b>3.3</b>	<b>0.4</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>
<b>Percent of AM</b>	<b>4.3</b>	<b>12.5</b>	<b>30.3</b>	<b>33.9</b>	<b>15.5</b>	<b>3.1</b>	<b>0.4</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of PM</b>	<b>3.6</b>	<b>13.5</b>	<b>22.5</b>	<b>38.1</b>	<b>18.3</b>	<b>3.4</b>	<b>0.3</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>

Standard Deviation:	6.3 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	31.8 MPH
Mean Speed:	25.6 MPH	Percent in Ten Mile Pace:	61.7%	15th Percentile:	19.2 MPH
Median Speed:	26.1 MPH			90th Percentile:	33.2 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.7 MPH

## Daily Vehicle Volume Report

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 21

Location: Jackman St

	Southbound Volume	Northbound Volume	Total Volume
11:00 - 11:59	24	22	46
12:00 - 12:59	27	17	44
13:00 - 13:59	22	16	38
14:00 - 14:59	25	16	41
15:00 - 15:59	21	12	33
16:00 - 16:59	26	23	49
17:00 - 17:59	28	21	49
18:00 - 18:59	22	16	38
19:00 - 19:59	25	23	48
20:00 - 20:59	12	11	23
21:00 - 21:59	4	6	10
22:00 - 22:59	4	3	7
23:00 - 23:59	7	4	11
00:00 - 00:59	4	0	4
01:00 - 01:59	1	1	2
02:00 - 02:59	2	1	3
03:00 - 03:59	2	1	3
04:00 - 04:59	1	0	1
05:00 - 05:59	2	3	5
06:00 - 06:59	4	4	8
07:00 - 07:59	26	15	41
08:00 - 08:59	15	10	25
09:00 - 09:59	13	12	25
10:00 - 10:59	13	16	29
<b>Totals</b>	<b>330</b>	<b>253</b>	<b>583</b>
<b>AM Peak Time</b>	<b>07:16 - 08:15</b>	<b>11:00 - 11:59</b>	<b>11:00 - 11:59</b>
<b>AM Peak Volume</b>	<b>30</b>	<b>22</b>	<b>46</b>
<b>PM Peak Time</b>	<b>16:26 - 17:25</b>	<b>16:39 - 17:38</b>	<b>16:26 - 17:25</b>
<b>PM Peak Volume</b>	<b>35</b>	<b>26</b>	<b>56</b>

## Daily Vehicle Volume Report

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 21

Location: Jackman St

	Southbound Volume	Northbound Volume	Total Volume
11:00 - 11:59	26	17	43
12:00 - 12:59	27	16	43
13:00 - 13:59	25	16	41
14:00 - 14:59	26	19	45
15:00 - 15:59	26	32	58
16:00 - 16:59	34	23	57
17:00 - 17:59	23	21	44
18:00 - 18:59	22	18	40
19:00 - 19:59	25	17	42
20:00 - 20:59	10	6	16
21:00 - 21:59	11	13	24
22:00 - 22:59	10	9	19
23:00 - 23:59	6	8	14
00:00 - 00:59	1	0	1
01:00 - 01:59	1	3	4
02:00 - 02:59	0	1	1
03:00 - 03:59	0	0	0
04:00 - 04:59	0	0	0
05:00 - 05:59	2	2	4
06:00 - 06:59	4	2	6
07:00 - 07:59	8	13	21
08:00 - 08:59	4	3	7
09:00 - 09:59	18	7	25
10:00 - 10:59	16	11	27
<b>Totals</b>	<b>325</b>	<b>257</b>	<b>582</b>
<b>AM Peak Time</b>	<b>11:00 - 11:59</b>	<b>11:00 - 11:59</b>	<b>11:00 - 11:59</b>
<b>AM Peak Volume</b>	<b>26</b>	<b>17</b>	<b>43</b>
<b>PM Peak Time</b>	<b>16:06 - 17:05</b>	<b>15:02 - 16:01</b>	<b>16:14 - 17:13</b>
<b>PM Peak Volume</b>	<b>36</b>	<b>34</b>	<b>63</b>

## Daily Southbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 21

Location: Jackman St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	1	11	12	0	0	0	0	0	0	0	0	0	0	0	0	24
12:00 - 12:59	3	11	11	2	0	0	0	0	0	0	0	0	0	0	0	27
13:00 - 13:59	2	9	9	2	0	0	0	0	0	0	0	0	0	0	0	22
14:00 - 14:59	1	9	13	2	0	0	0	0	0	0	0	0	0	0	0	25
15:00 - 15:59	1	10	10	0	0	0	0	0	0	0	0	0	0	0	0	21
16:00 - 16:59	1	8	12	4	0	0	0	0	0	0	0	0	0	0	0	25
17:00 - 17:59	1	9	16	2	0	0	0	0	0	0	0	0	0	0	0	28
18:00 - 18:59	1	13	6	1	1	0	0	0	0	0	0	0	0	0	0	22
19:00 - 19:59	3	13	9	0	0	0	0	0	0	0	0	0	0	0	0	25
20:00 - 20:59	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	12
21:00 - 21:59	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
22:00 - 22:59	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
23:00 - 23:59	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	7
00:00 - 00:59	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
01:00 - 01:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
06:00 - 06:59	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	4
07:00 - 07:59	1	12	13	0	0	0	0	0	0	0	0	0	0	0	0	26
08:00 - 08:59	1	9	4	1	0	0	0	0	0	0	0	0	0	0	0	15
09:00 - 09:59	0	5	6	2	0	0	0	0	0	0	0	0	0	0	0	13
10:00 - 10:59	0	5	7	0	0	0	0	0	0	0	0	0	0	0	0	12
<b>Totals</b>	<b>18</b>	<b>145</b>	<b>144</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>328</b>									
Percent of Total	5.5	44.2	43.9	6.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	3.8	50.0	42.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	6.3	41.4	44.6	7.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Standard Deviation:	4.2 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	24.0 MPH
Mean Speed:	19.9 MPH	Percent in Ten Mile Pace:	88.1%	15th Percentile:	16.1 MPH
Median Speed:	20.0 MPH			90th Percentile:	24.6 MPH
Modal Speed:	17.5 MPH			95th Percentile:	26.0 MPH

## Daily Southbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 21

Location: Jackman St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	1	13	11	1	0	0	0	0	0	0	0	0	0	0	0	26
12:00 - 12:59	0	8	18	1	0	0	0	0	0	0	0	0	0	0	0	27
13:00 - 13:59	4	9	10	2	0	0	0	0	0	0	0	0	0	0	0	25
14:00 - 14:59	3	11	12	0	0	0	0	0	0	0	0	0	0	0	0	26
15:00 - 15:59	5	10	10	1	0	0	0	0	0	0	0	0	0	0	0	26
16:00 - 16:59	3	17	14	0	0	0	0	0	0	0	0	0	0	0	0	34
17:00 - 17:59	1	8	13	1	0	0	0	0	0	0	0	0	0	0	0	23
18:00 - 18:59	2	9	8	3	0	0	0	0	0	0	0	0	0	0	0	22
19:00 - 19:59	1	11	12	1	0	0	0	0	0	0	0	0	0	0	0	25
20:00 - 20:59	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0	10
21:00 - 21:59	0	4	6	1	0	0	0	0	0	0	0	0	0	0	0	11
22:00 - 22:59	1	4	4	1	0	0	0	0	0	0	0	0	0	0	0	10
23:00 - 23:59	0	1	3	2	0	0	0	0	0	0	0	0	0	0	0	6
00:00 - 00:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00 - 01:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
06:00 - 06:59	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4
07:00 - 07:59	0	4	2	2	0	0	0	0	0	0	0	0	0	0	0	8
08:00 - 08:59	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
09:00 - 09:59	5	4	6	3	0	0	0	0	0	0	0	0	0	0	0	18
10:00 - 10:59	1	6	8	1	0	0	0	0	0	0	0	0	0	0	0	16
<b>Totals</b>	<b>27</b>	<b>126</b>	<b>151</b>	<b>21</b>	<b>0</b>	<b>325</b>										
<b>Percent of Total</b>	<b>8.3</b>	<b>38.8</b>	<b>46.5</b>	<b>6.5</b>	<b>0.0</b>	<b>100</b>										
<b>Percent of AM</b>	<b>8.8</b>	<b>38.8</b>	<b>42.5</b>	<b>10.0</b>	<b>0.0</b>	<b>100</b>										
<b>Percent of PM</b>	<b>8.2</b>	<b>38.8</b>	<b>47.8</b>	<b>5.3</b>	<b>0.0</b>	<b>100</b>										

Standard Deviation:	4.5 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	24.1 MPH
Mean Speed:	19.8 MPH	Percent in Ten Mile Pace:	85.2%	15th Percentile:	15.8 MPH
Median Speed:	20.3 MPH			90th Percentile:	24.6 MPH
Modal Speed:	22.5 MPH			95th Percentile:	26.0 MPH

## Daily Northbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 21

Location: Jackman St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	2	4	6	9	1	0	0	0	0	0	0	0	0	0	0	22
12:00 - 12:59	1	0	3	8	4	1	0	0	0	0	0	0	0	0	0	17
13:00 - 13:59	0	4	7	3	1	1	0	0	0	0	0	0	0	0	0	16
14:00 - 14:59	0	2	3	9	1	1	0	0	0	0	0	0	0	0	0	16
15:00 - 15:59	0	1	3	5	3	0	0	0	0	0	0	0	0	0	0	12
16:00 - 16:59	0	0	12	5	5	1	0	0	0	0	0	0	0	0	0	23
17:00 - 17:59	0	1	3	9	6	2	0	0	0	0	0	0	0	0	0	21
18:00 - 18:59	0	2	3	9	1	1	0	0	0	0	0	0	0	0	0	16
19:00 - 19:59	0	3	5	15	0	0	0	0	0	0	0	0	0	0	0	23
20:00 - 20:59	0	1	6	1	2	1	0	0	0	0	0	0	0	0	0	11
21:00 - 21:59	0	3	0	1	0	2	0	0	0	0	0	0	0	0	0	6
22:00 - 22:59	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
23:00 - 23:59	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	4
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	3
06:00 - 06:59	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
07:00 - 07:59	1	2	6	5	1	0	0	0	0	0	0	0	0	0	0	15
08:00 - 08:59	0	0	2	6	2	0	0	0	0	0	0	0	0	0	0	10
09:00 - 09:59	0	0	3	7	2	0	0	0	0	0	0	0	0	0	0	12
10:00 - 10:59	0	6	3	5	2	0	0	0	0	0	0	0	0	0	0	16
<b>Totals</b>	<b>5</b>	<b>32</b>	<b>71</b>	<b>103</b>	<b>31</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>253</b>							
<b>Percent of Total</b>	<b>2.0</b>	<b>12.6</b>	<b>28.1</b>	<b>40.7</b>	<b>12.3</b>	<b>4.0</b>	<b>0.4</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of AM</b>	<b>4.7</b>	<b>14.1</b>	<b>28.2</b>	<b>42.4</b>	<b>9.4</b>	<b>0.0</b>	<b>1.2</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of PM</b>	<b>0.6</b>	<b>11.9</b>	<b>28.0</b>	<b>39.9</b>	<b>13.7</b>	<b>6.0</b>	<b>0.0</b>	<b>100</b>								

Standard Deviation:	5.7 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	30.6 MPH
Mean Speed:	25.5 MPH	Percent in Ten Mile Pace:	68.8%	15th Percentile:	20.0 MPH
Median Speed:	25.9 MPH			90th Percentile:	32.6 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.7 MPH

## Daily Northbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 21

Location: Jackman St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	0	4	6	3	4	0	0	0	0	0	0	0	0	0	0	17
12:00 - 12:59	0	1	5	4	4	1	0	1	0	0	0	0	0	0	0	16
13:00 - 13:59	0	3	6	4	2	0	1	0	0	0	0	0	0	0	0	16
14:00 - 14:59	0	3	6	6	4	0	0	0	0	0	0	0	0	0	0	19
15:00 - 15:59	2	4	16	5	4	0	0	1	0	0	0	0	0	0	0	32
16:00 - 16:59	1	2	8	7	5	0	0	0	0	0	0	0	0	0	0	23
17:00 - 17:59	0	2	5	11	3	0	0	0	0	0	0	0	0	0	0	21
18:00 - 18:59	0	2	10	5	0	1	0	0	0	0	0	0	0	0	0	18
19:00 - 19:59	0	4	6	5	2	0	0	0	0	0	0	0	0	0	0	17
20:00 - 20:59	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	6
21:00 - 21:59	0	3	4	5	1	0	0	0	0	0	0	0	0	0	0	13
22:00 - 22:59	0	0	1	5	2	1	0	0	0	0	0	0	0	0	0	9
23:00 - 23:59	0	0	4	2	2	0	0	0	0	0	0	0	0	0	0	8
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
02:00 - 02:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
06:00 - 06:59	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
07:00 - 07:59	0	1	5	2	4	1	0	0	0	0	0	0	0	0	0	13
08:00 - 08:59	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	3
09:00 - 09:59	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	7
10:00 - 10:59	0	0	2	7	1	1	0	0	0	0	0	0	0	0	0	11
<b>Totals</b>	<b>3</b>	<b>30</b>	<b>91</b>	<b>80</b>	<b>43</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>257</b>
<b>Percent of Total</b>	<b>1.2</b>	<b>11.7</b>	<b>35.4</b>	<b>31.1</b>	<b>16.7</b>	<b>1.9</b>	<b>0.8</b>	<b>0.8</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of AM</b>	<b>0.0</b>	<b>10.2</b>	<b>30.5</b>	<b>30.5</b>	<b>22.0</b>	<b>3.4</b>	<b>1.7</b>	<b>0.0</b>	<b>1.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of PM</b>	<b>1.5</b>	<b>12.1</b>	<b>36.9</b>	<b>31.3</b>	<b>15.2</b>	<b>1.5</b>	<b>0.5</b>	<b>1.0</b>	<b>0.0</b>	<b>100</b>						

Standard Deviation:	6.1 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	31.6 MPH
Mean Speed:	25.8 MPH	Percent in Ten Mile Pace:	66.5%	15th Percentile:	20.3 MPH
Median Speed:	25.3 MPH			90th Percentile:	33.1 MPH
Modal Speed:	22.5 MPH			95th Percentile:	34.6 MPH

## Daily Total Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 21

Location: Jackman St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	3	15	18	9	1	0	0	0	0	0	0	0	0	0	0	46
12:00 - 12:59	4	11	14	10	4	1	0	0	0	0	0	0	0	0	0	44
13:00 - 13:59	2	13	16	5	1	1	0	0	0	0	0	0	0	0	0	38
14:00 - 14:59	1	11	16	11	1	1	0	0	0	0	0	0	0	0	0	41
15:00 - 15:59	1	11	13	5	3	0	0	0	0	0	0	0	0	0	0	33
16:00 - 16:59	1	8	24	9	5	1	0	0	0	0	0	0	0	0	0	48
17:00 - 17:59	1	10	19	11	6	2	0	0	0	0	0	0	0	0	0	49
18:00 - 18:59	1	15	9	10	2	1	0	0	0	0	0	0	0	0	0	38
19:00 - 19:59	3	16	14	15	0	0	0	0	0	0	0	0	0	0	0	48
20:00 - 20:59	0	7	12	1	2	1	0	0	0	0	0	0	0	0	0	23
21:00 - 21:59	0	3	3	2	0	2	0	0	0	0	0	0	0	0	0	10
22:00 - 22:59	0	2	3	2	0	0	0	0	0	0	0	0	0	0	0	7
23:00 - 23:59	1	5	3	2	0	0	0	0	0	0	0	0	0	0	0	11
00:00 - 00:59	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
01:00 - 01:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
03:00 - 03:59	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
04:00 - 04:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	1	1	2	0	0	1	0	0	0	0	0	0	0	0	5
06:00 - 06:59	0	2	3	3	0	0	0	0	0	0	0	0	0	0	0	8
07:00 - 07:59	2	14	19	5	1	0	0	0	0	0	0	0	0	0	0	41
08:00 - 08:59	1	9	6	7	2	0	0	0	0	0	0	0	0	0	0	25
09:00 - 09:59	0	5	9	9	2	0	0	0	0	0	0	0	0	0	0	25
10:00 - 10:59	0	11	10	5	2	0	0	0	0	0	0	0	0	0	0	28
<b>Totals</b>	<b>23</b>	<b>177</b>	<b>215</b>	<b>123</b>	<b>32</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>581</b>							
<b>Percent of Total</b>	<b>4.0</b>	<b>30.5</b>	<b>37.0</b>	<b>21.2</b>	<b>5.5</b>	<b>1.7</b>	<b>0.2</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of AM</b>	<b>4.2</b>	<b>34.0</b>	<b>36.1</b>	<b>20.9</b>	<b>4.2</b>	<b>0.0</b>	<b>0.5</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of PM</b>	<b>3.8</b>	<b>28.7</b>	<b>37.4</b>	<b>21.3</b>	<b>6.2</b>	<b>2.6</b>	<b>0.0</b>	<b>100</b>								

Standard Deviation:	5.6 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	28.2 MPH
Mean Speed:	22.4 MPH	Percent in Ten Mile Pace:	67.5%	15th Percentile:	16.8 MPH
Median Speed:	22.1 MPH			90th Percentile:	29.4 MPH
Modal Speed:	22.5 MPH			95th Percentile:	32.1 MPH

## Daily Total Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 21

Location: Jackman St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	1	17	17	4	4	0	0	0	0	0	0	0	0	0	0	43
12:00 - 12:59	0	9	23	5	4	1	0	1	0	0	0	0	0	0	0	43
13:00 - 13:59	4	12	16	6	2	0	1	0	0	0	0	0	0	0	0	41
14:00 - 14:59	3	14	18	6	4	0	0	0	0	0	0	0	0	0	0	45
15:00 - 15:59	7	14	26	6	4	0	0	1	0	0	0	0	0	0	0	58
16:00 - 16:59	4	19	22	7	5	0	0	0	0	0	0	0	0	0	0	57
17:00 - 17:59	1	10	18	12	3	0	0	0	0	0	0	0	0	0	0	44
18:00 - 18:59	2	11	18	8	0	1	0	0	0	0	0	0	0	0	0	40
19:00 - 19:59	1	15	18	6	2	0	0	0	0	0	0	0	0	0	0	42
20:00 - 20:59	0	3	9	3	1	0	0	0	0	0	0	0	0	0	0	16
21:00 - 21:59	0	7	10	6	1	0	0	0	0	0	0	0	0	0	0	24
22:00 - 22:59	1	4	5	6	2	1	0	0	0	0	0	0	0	0	0	19
23:00 - 23:59	0	1	7	4	2	0	0	0	0	0	0	0	0	0	0	14
00:00 - 00:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00 - 01:59	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4
02:00 - 02:59	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	4
06:00 - 06:59	0	1	4	0	1	0	0	0	0	0	0	0	0	0	0	6
07:00 - 07:59	0	5	7	4	4	1	0	0	0	0	0	0	0	0	0	21
08:00 - 08:59	0	2	3	1	1	0	0	0	0	0	0	0	0	0	0	7
09:00 - 09:59	5	4	8	6	2	0	0	0	0	0	0	0	0	0	0	25
10:00 - 10:59	1	6	10	8	1	1	0	0	0	0	0	0	0	0	0	27
<b>Totals</b>	<b>30</b>	<b>156</b>	<b>242</b>	<b>101</b>	<b>43</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>582</b>
<b>Percent of Total</b>	<b>5.2</b>	<b>26.8</b>	<b>41.6</b>	<b>17.4</b>	<b>7.4</b>	<b>0.9</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of AM</b>	<b>5.0</b>	<b>26.6</b>	<b>37.4</b>	<b>18.7</b>	<b>9.4</b>	<b>1.4</b>	<b>0.7</b>	<b>0.0</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of PM</b>	<b>5.2</b>	<b>26.9</b>	<b>42.9</b>	<b>16.9</b>	<b>6.8</b>	<b>0.7</b>	<b>0.2</b>	<b>0.5</b>	<b>0.0</b>	<b>100</b>						

Standard Deviation:	6.0 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	28.3 MPH
Mean Speed:	22.5 MPH	Percent in Ten Mile Pace:	68.4%	15th Percentile:	16.8 MPH
Median Speed:	22.2 MPH			90th Percentile:	29.7 MPH
Modal Speed:	22.5 MPH			95th Percentile:	32.7 MPH

## Daily Vehicle Volume Report

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 13

Location: Lindsey St

	Eastbound Volume	Westbound Volume	Total Volume
10:00 - 10:59	3	2	5
11:00 - 11:59	2	5	7
12:00 - 12:59	1	2	3
13:00 - 13:59	1	2	3
14:00 - 14:59	5	2	7
15:00 - 15:59	4	5	9
16:00 - 16:59	6	10	16
17:00 - 17:59	3	0	3
18:00 - 18:59	3	3	6
19:00 - 19:59	1	3	4
20:00 - 20:59	1	3	4
21:00 - 21:59	2	0	2
22:00 - 22:59	0	0	0
23:00 - 23:59	0	0	0
00:00 - 00:59	0	0	0
01:00 - 01:59	0	0	0
02:00 - 02:59	0	0	0
03:00 - 03:59	0	0	0
04:00 - 04:59	2	1	3
05:00 - 05:59	1	1	2
06:00 - 06:59	4	1	5
07:00 - 07:59	5	1	6
08:00 - 08:59	2	4	6
09:00 - 09:59	0	3	3
<b>Totals</b>	<b>46</b>	<b>48</b>	<b>94</b>
<b>AM Peak Time</b>	<b>06:07 - 07:06</b>	<b>10:19 - 11:18</b>	<b>10:19 - 11:18</b>
<b>AM Peak Volume</b>	<b>7</b>	<b>6</b>	<b>9</b>
<b>PM Peak Time</b>	<b>16:26 - 17:25</b>	<b>15:36 - 16:35</b>	<b>15:54 - 16:53</b>
<b>PM Peak Volume</b>	<b>7</b>	<b>12</b>	<b>17</b>

## Daily Vehicle Volume Report

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 13

Location: Lindsey St

	Eastbound Volume	Westbound Volume	Total Volume
10:00 - 10:59	3	7	10
11:00 - 11:59	1	2	3
12:00 - 12:59	3	1	4
13:00 - 13:59	1	6	7
14:00 - 14:59	3	6	9
15:00 - 15:59	2	9	11
16:00 - 16:59	7	16	23
17:00 - 17:59	4	7	11
18:00 - 18:59	2	3	5
19:00 - 19:59	2	4	6
20:00 - 20:59	1	4	5
21:00 - 21:59	2	2	4
22:00 - 22:59	1	2	3
23:00 - 23:59	0	1	1
00:00 - 00:59	0	0	0
01:00 - 01:59	0	1	1
02:00 - 02:59	0	0	0
03:00 - 03:59	1	0	1
04:00 - 04:59	0	0	0
05:00 - 05:59	1	1	2
06:00 - 06:59	5	1	6
07:00 - 07:59	3	2	5
08:00 - 08:59	7	4	11
09:00 - 09:59	2	0	2
<b>Totals</b>	<b>51</b>	<b>79</b>	<b>130</b>
<b>AM Peak Time</b>	<b>07:57 - 08:56</b>	<b>10:00 - 10:59</b>	<b>07:57 - 08:56</b>
<b>AM Peak Volume</b>	<b>8</b>	<b>7</b>	<b>12</b>
<b>PM Peak Time</b>	<b>16:07 - 17:06</b>	<b>15:37 - 16:36</b>	<b>15:37 - 16:36</b>
<b>PM Peak Volume</b>	<b>8</b>	<b>21</b>	<b>25</b>

## Daily Eastbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 13

Location: Lindsey St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
11:00 - 11:59	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:00 - 12:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13:00 - 13:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14:00 - 14:59	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	5
15:00 - 15:59	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	4
16:00 - 16:59	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	6
17:00 - 17:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
18:00 - 18:59	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
19:00 - 19:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20:00 - 20:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
21:00 - 21:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
22:00 - 22:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00 - 23:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
05:00 - 05:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4
07:00 - 07:59	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5
08:00 - 08:59	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00 - 09:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Totals</b>	<b>5</b>	<b>20</b>	<b>17</b>	<b>4</b>	<b>0</b>	<b>46</b>										
<b>Percent of Total</b>	<b>10.9</b>	<b>43.5</b>	<b>37.0</b>	<b>8.7</b>	<b>0.0</b>	<b>100</b>										
<b>Percent of AM</b>	<b>15.8</b>	<b>47.4</b>	<b>36.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of PM</b>	<b>7.4</b>	<b>40.7</b>	<b>37.0</b>	<b>14.8</b>	<b>0.0</b>	<b>100</b>										

Standard Deviation:	4.8 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	24.0 MPH
Mean Speed:	19.4 MPH	Percent in Ten Mile Pace:	80.4%	15th Percentile:	15.4 MPH
Median Speed:	19.4 MPH			90th Percentile:	24.7 MPH
Modal Speed:	17.5 MPH			95th Percentile:	26.5 MPH

## Daily Eastbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 13

Location: Lindsey St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
11:00 - 11:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
12:00 - 12:59	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3
13:00 - 13:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14:00 - 14:59	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
15:00 - 15:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
16:00 - 16:59	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	7
17:00 - 17:59	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	4
18:00 - 18:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
19:00 - 19:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
20:00 - 20:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
21:00 - 21:59	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22:00 - 22:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23:00 - 23:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	5
07:00 - 07:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
08:00 - 08:59	0	1	4	2	0	0	0	0	0	0	0	0	0	0	0	7
09:00 - 09:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
<b>Totals</b>	<b>5</b>	<b>16</b>	<b>21</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>51</b>									
<b>Percent of Total</b>	<b>9.8</b>	<b>31.4</b>	<b>41.2</b>	<b>13.7</b>	<b>3.9</b>	<b>0.0</b>	<b>100</b>									
<b>Percent of AM</b>	<b>0.0</b>	<b>17.4</b>	<b>56.5</b>	<b>21.7</b>	<b>4.3</b>	<b>0.0</b>	<b>100</b>									
<b>Percent of PM</b>	<b>17.9</b>	<b>42.9</b>	<b>28.6</b>	<b>7.1</b>	<b>3.6</b>	<b>0.0</b>	<b>100</b>									

Standard Deviation:	5.5 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	25.6 MPH
Mean Speed:	20.8 MPH	Percent in Ten Mile Pace:	72.5%	15th Percentile:	15.7 MPH
Median Speed:	21.0 MPH			90th Percentile:	27.4 MPH
Modal Speed:	22.5 MPH			95th Percentile:	29.3 MPH

## Daily Westbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 13

Location: Lindsey St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
11:00 - 11:59	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
12:00 - 12:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
13:00 - 13:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
14:00 - 14:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
15:00 - 15:59	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
16:00 - 16:59	2	5	2	1	0	0	0	0	0	0	0	0	0	0	0	10
17:00 - 17:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00 - 18:59	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
19:00 - 19:59	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
20:00 - 20:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
21:00 - 21:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00 - 22:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00 - 23:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00 - 07:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00 - 08:59	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4
09:00 - 09:59	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
<b>Totals</b>	<b>2</b>	<b>15</b>	<b>22</b>	<b>9</b>	<b>0</b>	<b>48</b>										
<b>Percent of Total</b>	<b>4.2</b>	<b>31.3</b>	<b>45.8</b>	<b>18.8</b>	<b>0.0</b>	<b>100</b>										
<b>Percent of AM</b>	<b>0.0</b>	<b>22.2</b>	<b>50.0</b>	<b>27.8</b>	<b>0.0</b>	<b>100</b>										
<b>Percent of PM</b>	<b>6.7</b>	<b>36.7</b>	<b>43.3</b>	<b>13.3</b>	<b>0.0</b>	<b>100</b>										

Standard Deviation:	4.5 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	25.7 MPH
Mean Speed:	21.3 MPH	Percent in Ten Mile Pace:	77.1%	15th Percentile:	16.6 MPH
Median Speed:	21.5 MPH			90th Percentile:	27.1 MPH
Modal Speed:	22.5 MPH			95th Percentile:	28.4 MPH

## Daily Westbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 13

Location: Lindsey St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	0	4	2	1	0	0	0	0	0	0	0	0	0	0	0	7
11:00 - 11:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
12:00 - 12:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
13:00 - 13:59	0	1	3	1	1	0	0	0	0	0	0	0	0	0	0	6
14:00 - 14:59	1	1	3	0	1	0	0	0	0	0	0	0	0	0	0	6
15:00 - 15:59	0	4	2	3	0	0	0	0	0	0	0	0	0	0	0	9
16:00 - 16:59	0	4	6	6	0	0	0	0	0	0	0	0	0	0	0	16
17:00 - 17:59	0	2	4	1	0	0	0	0	0	0	0	0	0	0	0	7
18:00 - 18:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
19:00 - 19:59	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	4
20:00 - 20:59	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4
21:00 - 21:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
22:00 - 22:59	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
23:00 - 23:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
07:00 - 07:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
08:00 - 08:59	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4
09:00 - 09:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Totals</b>	<b>3</b>	<b>19</b>	<b>35</b>	<b>20</b>	<b>2</b>	<b>0</b>	<b>79</b>									
<b>Percent of Total</b>	<b>3.8</b>	<b>24.1</b>	<b>44.3</b>	<b>25.3</b>	<b>2.5</b>	<b>0.0</b>	<b>100</b>									
<b>Percent of AM</b>	<b>0.0</b>	<b>33.3</b>	<b>50.0</b>	<b>16.7</b>	<b>0.0</b>	<b>100</b>										
<b>Percent of PM</b>	<b>4.9</b>	<b>21.3</b>	<b>42.6</b>	<b>27.9</b>	<b>3.3</b>	<b>0.0</b>	<b>100</b>									

Standard Deviation:	4.8 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	27.4 MPH
Mean Speed:	22.3 MPH	Percent in Ten Mile Pace:	69.6%	15th Percentile:	17.2 MPH
Median Speed:	22.4 MPH			90th Percentile:	28.4 MPH
Modal Speed:	22.5 MPH			95th Percentile:	29.4 MPH

## Daily Total Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 13

Location: Lindsey St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5
11:00 - 11:59	1	1	1	4	0	0	0	0	0	0	0	0	0	0	0	7
12:00 - 12:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
13:00 - 13:59	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3
14:00 - 14:59	0	2	3	2	0	0	0	0	0	0	0	0	0	0	0	7
15:00 - 15:59	0	2	3	4	0	0	0	0	0	0	0	0	0	0	0	9
16:00 - 16:59	3	7	4	2	0	0	0	0	0	0	0	0	0	0	0	16
17:00 - 17:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
18:00 - 18:59	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	6
19:00 - 19:59	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
20:00 - 20:59	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4
21:00 - 21:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
22:00 - 22:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00 - 23:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
06:00 - 06:59	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5
07:00 - 07:59	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	6
08:00 - 08:59	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	6
09:00 - 09:59	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
<b>Totals</b>	<b>7</b>	<b>35</b>	<b>39</b>	<b>13</b>	<b>0</b>	<b>94</b>										
<b>Percent of Total</b>	<b>7.4</b>	<b>37.2</b>	<b>41.5</b>	<b>13.8</b>	<b>0.0</b>	<b>100</b>										
<b>Percent of AM</b>	<b>8.1</b>	<b>35.1</b>	<b>43.2</b>	<b>13.5</b>	<b>0.0</b>	<b>100</b>										
<b>Percent of PM</b>	<b>7.0</b>	<b>38.6</b>	<b>40.4</b>	<b>14.0</b>	<b>0.0</b>	<b>100</b>										

Standard Deviation:	4.7 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	24.8 MPH
Mean Speed:	20.4 MPH	Percent in Ten Mile Pace:	78.7%	15th Percentile:	15.9 MPH
Median Speed:	20.6 MPH			90th Percentile:	26.2 MPH
Modal Speed:	22.5 MPH			95th Percentile:	28.0 MPH

## Daily Total Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 13

Location: Lindsey St

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	0	4	4	2	0	0	0	0	0	0	0	0	0	0	0	10
11:00 - 11:59	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3
12:00 - 12:59	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	4
13:00 - 13:59	0	2	3	1	1	0	0	0	0	0	0	0	0	0	0	7
14:00 - 14:59	2	2	3	0	2	0	0	0	0	0	0	0	0	0	0	9
15:00 - 15:59	0	5	3	3	0	0	0	0	0	0	0	0	0	0	0	11
16:00 - 16:59	1	7	8	7	0	0	0	0	0	0	0	0	0	0	0	23
17:00 - 17:59	1	4	5	1	0	0	0	0	0	0	0	0	0	0	0	11
18:00 - 18:59	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	5
19:00 - 19:59	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	6
20:00 - 20:59	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	5
21:00 - 21:59	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	4
22:00 - 22:59	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
23:00 - 23:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
06:00 - 06:59	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0	6
07:00 - 07:59	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
08:00 - 08:59	0	3	6	2	0	0	0	0	0	0	0	0	0	0	0	11
09:00 - 09:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
<b>Totals</b>	<b>8</b>	<b>35</b>	<b>56</b>	<b>27</b>	<b>4</b>	<b>0</b>	<b>130</b>									
Percent of Total	6.2	26.9	43.1	20.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	24.4	53.7	19.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	9.0	28.1	38.2	21.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Standard Deviation:	5.1 MPH	Ten Mile Pace:	15 to 24 MPH	85th Percentile:	27.0 MPH
Mean Speed:	21.7 MPH	Percent in Ten Mile Pace:	70.0%	15th Percentile:	16.6 MPH
Median Speed:	21.9 MPH			90th Percentile:	28.2 MPH
Modal Speed:	22.5 MPH			95th Percentile:	29.4 MPH

## Daily Vehicle Volume Report

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 20

Location: S Mitchell

	Northbound Volume	Southbound Volume	Total Volume
11:00 - 11:59	29	1	30
12:00 - 12:59	46	0	46
13:00 - 13:59	30	4	34
14:00 - 14:59	31	3	34
15:00 - 15:59	40	0	40
16:00 - 16:59	45	4	49
17:00 - 17:59	55	5	60
18:00 - 18:59	37	32	69
19:00 - 19:59	34	35	69
20:00 - 20:59	24	31	55
21:00 - 21:59	14	26	40
22:00 - 22:59	6	15	21
23:00 - 23:59	11	8	19
00:00 - 00:59	14	4	18
01:00 - 01:59	3	2	5
02:00 - 02:59	3	0	3
03:00 - 03:59	1	0	1
04:00 - 04:59	4	1	5
05:00 - 05:59	8	5	13
06:00 - 06:59	16	6	22
07:00 - 07:59	28	19	47
08:00 - 08:59	33	29	62
09:00 - 09:59	22	8	30
10:00 - 10:59	38	8	46
<b>Totals</b>	<b>572</b>	<b>246</b>	<b>818</b>
<b>AM Peak Time</b>	<b>09:51 - 10:50</b>	<b>07:54 - 08:53</b>	<b>07:54 - 08:53</b>
<b>AM Peak Volume</b>	<b>39</b>	<b>32</b>	<b>64</b>
<b>PM Peak Time</b>	<b>17:15 - 18:14</b>	<b>18:30 - 19:29</b>	<b>18:33 - 19:32</b>
<b>PM Peak Volume</b>	<b>58</b>	<b>46</b>	<b>83</b>

## Daily Vehicle Volume Report

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 20

Location: S Mitchell

	Northbound Volume	Southbound Volume	Total Volume
11:00 - 11:59	35	8	43
12:00 - 12:59	34	14	48
13:00 - 13:59	47	1	48
14:00 - 14:59	41	1	42
15:00 - 15:59	66	8	74
16:00 - 16:59	68	17	85
17:00 - 17:59	62	14	76
18:00 - 18:59	50	21	71
19:00 - 19:59	41	24	65
20:00 - 20:59	27	12	39
21:00 - 21:59	30	9	39
22:00 - 22:59	14	9	23
23:00 - 23:59	22	6	28
00:00 - 00:59	2	3	5
01:00 - 01:59	5	3	8
02:00 - 02:59	1	2	3
03:00 - 03:59	0	0	0
04:00 - 04:59	3	2	5
05:00 - 05:59	9	4	13
06:00 - 06:59	18	5	23
07:00 - 07:59	42	8	50
08:00 - 08:59	32	14	46
09:00 - 09:59	22	14	36
10:00 - 10:59	29	13	42
<b>Totals</b>	<b>700</b>	<b>212</b>	<b>912</b>
<b>AM Peak Time</b>	<b>07:05 - 08:04</b>	<b>08:23 - 09:22</b>	<b>07:13 - 08:12</b>
<b>AM Peak Volume</b>	<b>49</b>	<b>18</b>	<b>62</b>
<b>PM Peak Time</b>	<b>16:17 - 17:16</b>	<b>18:37 - 19:36</b>	<b>16:17 - 17:16</b>
<b>PM Peak Volume</b>	<b>74</b>	<b>30</b>	<b>97</b>

## Daily Northbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 20

Location: S Mitchell

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	0	2	4	13	9	1	0	0	0	0	0	0	0	0	0	29
12:00 - 12:59	1	2	9	14	17	3	0	0	0	0	0	0	0	0	0	46
13:00 - 13:59	0	3	3	15	6	2	1	0	0	0	0	0	0	0	0	30
14:00 - 14:59	0	1	4	14	11	1	0	0	0	0	0	0	0	0	0	31
15:00 - 15:59	0	3	5	17	12	3	0	0	0	0	0	0	0	0	0	40
16:00 - 16:59	0	6	8	14	12	3	2	0	0	0	0	0	0	0	0	45
17:00 - 17:59	1	1	10	21	14	6	2	0	0	0	0	0	0	0	0	55
18:00 - 18:59	0	2	12	10	10	3	0	0	0	0	0	0	0	0	0	37
19:00 - 19:59	0	3	2	20	8	1	0	0	0	0	0	0	0	0	0	34
20:00 - 20:59	1	0	6	11	3	2	0	1	0	0	0	0	0	0	0	24
21:00 - 21:59	0	0	2	5	5	2	0	0	0	0	0	0	0	0	0	14
22:00 - 22:59	0	0	2	0	2	2	0	0	0	0	0	0	0	0	0	6
23:00 - 23:59	0	3	2	2	4	0	0	0	0	0	0	0	0	0	0	11
00:00 - 00:59	1	0	2	5	4	1	0	0	1	0	0	0	0	0	0	14
01:00 - 01:59	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3
02:00 - 02:59	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	3
03:00 - 03:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	4
05:00 - 05:59	0	0	2	1	4	1	0	0	0	0	0	0	0	0	0	8
06:00 - 06:59	0	2	4	8	2	0	0	0	0	0	0	0	0	0	0	16
07:00 - 07:59	0	2	4	6	11	4	1	0	0	0	0	0	0	0	0	28
08:00 - 08:59	0	2	6	9	13	3	0	0	0	0	0	0	0	0	0	33
09:00 - 09:59	1	0	5	7	7	2	0	0	0	0	0	0	0	0	0	22
10:00 - 10:59	0	1	5	13	13	4	1	0	1	0	0	0	0	0	0	38
<b>Totals</b>	<b>5</b>	<b>36</b>	<b>98</b>	<b>208</b>	<b>171</b>	<b>44</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>572</b>
<b>Percent of Total</b>	<b>0.9</b>	<b>6.3</b>	<b>17.1</b>	<b>36.4</b>	<b>29.9</b>	<b>7.7</b>	<b>1.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of AM</b>	<b>1.0</b>	<b>6.0</b>	<b>16.6</b>	<b>32.7</b>	<b>33.7</b>	<b>8.0</b>	<b>1.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of PM</b>	<b>0.8</b>	<b>6.4</b>	<b>17.4</b>	<b>38.3</b>	<b>27.9</b>	<b>7.5</b>	<b>1.3</b>	<b>0.3</b>	<b>0.0</b>	<b>100</b>						

Standard Deviation:	5.9 MPH	Ten Mile Pace:	25 to 34 MPH	85th Percentile:	34.1 MPH
Mean Speed:	28.4 MPH	Percent in Ten Mile Pace:	66.3%	15th Percentile:	22.3 MPH
Median Speed:	28.5 MPH			90th Percentile:	34.9 MPH
Modal Speed:	27.5 MPH			95th Percentile:	37.8 MPH

## Daily Northbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 20

Location: S Mitchell

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	3	2	5	11	9	3	0	0	0	0	0	0	0	0	0	33
12:00 - 12:59	0	0	9	6	15	4	0	0	0	0	0	0	0	0	0	34
13:00 - 13:59	1	4	5	7	25	4	1	0	0	0	0	0	0	0	0	47
14:00 - 14:59	0	2	5	15	9	8	2	0	0	0	0	0	0	0	0	41
15:00 - 15:59	1	4	11	21	19	7	2	1	0	0	0	0	0	0	0	66
16:00 - 16:59	2	4	10	26	17	7	0	0	0	0	0	0	0	0	0	66
17:00 - 17:59	0	3	8	18	24	6	3	0	0	0	0	0	0	0	0	62
18:00 - 18:59	0	1	5	22	15	5	2	0	0	0	0	0	0	0	0	50
19:00 - 19:59	1	3	8	15	11	2	1	0	0	0	0	0	0	0	0	41
20:00 - 20:59	0	1	5	14	5	2	0	0	0	0	0	0	0	0	0	27
21:00 - 21:59	2	3	3	13	9	0	0	0	0	0	0	0	0	0	0	30
22:00 - 22:59	0	0	1	8	3	2	0	0	0	0	0	0	0	0	0	14
23:00 - 23:59	1	0	4	5	8	3	1	0	0	0	0	0	0	0	0	22
00:00 - 00:59	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
01:00 - 01:59	0	2	0	1	2	0	0	0	0	0	0	0	0	0	0	5
02:00 - 02:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	1	2	3	3	0	0	0	0	0	0	0	0	0	0	9
06:00 - 06:59	1	3	4	8	2	0	0	0	0	0	0	0	0	0	0	18
07:00 - 07:59	0	1	4	23	9	4	1	0	0	0	0	0	0	0	0	42
08:00 - 08:59	0	0	6	11	8	7	0	0	0	0	0	0	0	0	0	32
09:00 - 09:59	0	1	6	5	6	2	1	0	0	0	0	0	0	0	0	21
10:00 - 10:59	0	2	4	8	9	6	0	0	0	0	0	0	0	0	0	29
<b>Totals</b>	<b>12</b>	<b>37</b>	<b>105</b>	<b>242</b>	<b>208</b>	<b>75</b>	<b>15</b>	<b>1</b>	<b>0</b>	<b>695</b>						
<b>Percent of Total</b>	<b>1.7</b>	<b>5.3</b>	<b>15.1</b>	<b>34.8</b>	<b>29.9</b>	<b>10.8</b>	<b>2.2</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>						
<b>Percent of AM</b>	<b>2.1</b>	<b>6.2</b>	<b>15.9</b>	<b>36.9</b>	<b>24.6</b>	<b>12.8</b>	<b>1.5</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of PM</b>	<b>1.6</b>	<b>5.0</b>	<b>14.8</b>	<b>34.0</b>	<b>32.0</b>	<b>10.0</b>	<b>2.4</b>	<b>0.2</b>	<b>0.0</b>	<b>100</b>						

Standard Deviation:	6.2 MPH	Ten Mile Pace:	25 to 34 MPH	85th Percentile:	34.7 MPH
Mean Speed:	28.8 MPH	Percent in Ten Mile Pace:	64.7%	15th Percentile:	22.6 MPH
Median Speed:	29.0 MPH			90th Percentile:	36.4 MPH
Modal Speed:	27.5 MPH			95th Percentile:	38.7 MPH

## Daily Southbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 20

Location: S Mitchell

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:00 - 12:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00 - 13:59	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	4
14:00 - 14:59	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
15:00 - 15:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00 - 16:59	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
17:00 - 17:59	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	5
18:00 - 18:59	0	1	8	13	9	1	0	0	0	0	0	0	0	0	0	32
19:00 - 19:59	1	4	10	13	6	1	0	0	0	0	0	0	0	0	0	35
20:00 - 20:59	1	0	9	12	7	2	0	0	0	0	0	0	0	0	0	31
21:00 - 21:59	0	1	10	12	3	0	0	0	0	0	0	0	0	0	0	26
22:00 - 22:59	0	1	8	5	0	1	0	0	0	0	0	0	0	0	0	15
23:00 - 23:59	0	1	2	3	2	0	0	0	0	0	0	0	0	0	0	8
00:00 - 00:59	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
01:00 - 01:59	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5
06:00 - 06:59	0	1	3	1	1	0	0	0	0	0	0	0	0	0	0	6
07:00 - 07:59	0	2	8	5	4	0	0	0	0	0	0	0	0	0	0	19
08:00 - 08:59	0	5	10	9	4	1	0	0	0	0	0	0	0	0	0	29
09:00 - 09:59	0	1	2	5	0	0	0	0	0	0	0	0	0	0	0	8
10:00 - 10:59	0	1	3	4	0	0	0	0	0	0	0	0	0	0	0	8
<b>Totals</b>	<b>2</b>	<b>20</b>	<b>84</b>	<b>95</b>	<b>39</b>	<b>6</b>	<b>0</b>	<b>246</b>								
<b>Percent of Total</b>	<b>0.8</b>	<b>8.1</b>	<b>34.1</b>	<b>38.6</b>	<b>15.9</b>	<b>2.4</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of AM</b>	<b>0.0</b>	<b>13.3</b>	<b>38.6</b>	<b>34.9</b>	<b>12.0</b>	<b>1.2</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of PM</b>	<b>1.2</b>	<b>5.5</b>	<b>31.9</b>	<b>40.5</b>	<b>17.8</b>	<b>3.1</b>	<b>0.0</b>	<b>100</b>								

Standard Deviation:	5.0 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	31.0 MPH
Mean Speed:	25.9 MPH	Percent in Ten Mile Pace:	72.8%	15th Percentile:	20.9 MPH
Median Speed:	25.9 MPH			90th Percentile:	32.6 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.1 MPH

## Daily Southbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 20

Location: S Mitchell

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	0	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
12:00 - 12:59	0	3	2	6	2	1	0	0	0	0	0	0	0	0	0	14
13:00 - 13:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14:00 - 14:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
15:00 - 15:59	0	1	3	3	1	0	0	0	0	0	0	0	0	0	0	8
16:00 - 16:59	0	0	6	5	3	2	1	0	0	0	0	0	0	0	0	17
17:00 - 17:59	0	1	4	7	2	0	0	0	0	0	0	0	0	0	0	14
18:00 - 18:59	0	3	8	7	3	0	0	0	0	0	0	0	0	0	0	21
19:00 - 19:59	0	1	9	12	2	0	0	0	0	0	0	0	0	0	0	24
20:00 - 20:59	0	0	3	7	1	1	0	0	0	0	0	0	0	0	0	12
21:00 - 21:59	0	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9
22:00 - 22:59	0	0	4	2	3	0	0	0	0	0	0	0	0	0	0	9
23:00 - 23:59	0	0	4	0	0	1	1	0	0	0	0	0	0	0	0	6
00:00 - 00:59	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
01:00 - 01:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
02:00 - 02:59	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
05:00 - 05:59	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	4
06:00 - 06:59	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
07:00 - 07:59	0	1	3	3	1	0	0	0	0	0	0	0	0	0	0	8
08:00 - 08:59	0	1	2	10	1	0	0	0	0	0	0	0	0	0	0	14
09:00 - 09:59	0	2	3	4	5	0	0	0	0	0	0	0	0	0	0	14
10:00 - 10:59	0	1	3	6	3	0	0	0	0	0	0	0	0	0	0	13
<b>Totals</b>	<b>0</b>	<b>15</b>	<b>73</b>	<b>87</b>	<b>28</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>212</b>							
<b>Percent of Total</b>	<b>0.0</b>	<b>7.1</b>	<b>34.4</b>	<b>41.0</b>	<b>13.2</b>	<b>3.3</b>	<b>0.9</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of AM</b>	<b>0.0</b>	<b>6.6</b>	<b>34.2</b>	<b>42.1</b>	<b>14.5</b>	<b>2.6</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of PM</b>	<b>0.0</b>	<b>7.4</b>	<b>34.6</b>	<b>40.4</b>	<b>12.5</b>	<b>3.7</b>	<b>1.5</b>	<b>0.0</b>	<b>100</b>							

Standard Deviation:	5.0 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	30.8 MPH
Mean Speed:	26.2 MPH	Percent in Ten Mile Pace:	75.5%	15th Percentile:	21.1 MPH
Median Speed:	26.0 MPH			90th Percentile:	32.7 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.6 MPH

## Daily Total Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: 20

Location: S Mitchell

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	0	3	4	13	9	1	0	0	0	0	0	0	0	0	0	30
12:00 - 12:59	1	2	9	14	17	3	0	0	0	0	0	0	0	0	0	46
13:00 - 13:59	0	4	4	16	7	2	1	0	0	0	0	0	0	0	0	34
14:00 - 14:59	0	1	5	16	11	1	0	0	0	0	0	0	0	0	0	34
15:00 - 15:59	0	3	5	17	12	3	0	0	0	0	0	0	0	0	0	40
16:00 - 16:59	0	6	9	17	12	3	2	0	0	0	0	0	0	0	0	49
17:00 - 17:59	1	1	12	23	15	6	2	0	0	0	0	0	0	0	0	60
18:00 - 18:59	0	3	20	23	19	4	0	0	0	0	0	0	0	0	0	69
19:00 - 19:59	1	7	12	33	14	2	0	0	0	0	0	0	0	0	0	69
20:00 - 20:59	2	0	15	23	10	4	0	1	0	0	0	0	0	0	0	55
21:00 - 21:59	0	1	12	17	8	2	0	0	0	0	0	0	0	0	0	40
22:00 - 22:59	0	1	10	5	2	3	0	0	0	0	0	0	0	0	0	21
23:00 - 23:59	0	4	4	5	6	0	0	0	0	0	0	0	0	0	0	19
00:00 - 00:59	1	0	4	7	4	1	0	0	1	0	0	0	0	0	0	18
01:00 - 01:59	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	5
02:00 - 02:59	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	3
03:00 - 03:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	2	2	0	1	0	0	0	0	0	0	0	0	0	0	5
05:00 - 05:59	0	0	5	2	5	1	0	0	0	0	0	0	0	0	0	13
06:00 - 06:59	0	3	7	9	3	0	0	0	0	0	0	0	0	0	0	22
07:00 - 07:59	0	4	12	11	15	4	1	0	0	0	0	0	0	0	0	47
08:00 - 08:59	0	7	16	18	17	4	0	0	0	0	0	0	0	0	0	62
09:00 - 09:59	1	1	7	12	7	2	0	0	0	0	0	0	0	0	0	30
10:00 - 10:59	0	2	8	17	13	4	1	0	1	0	0	0	0	0	0	46
<b>Totals</b>	<b>7</b>	<b>56</b>	<b>182</b>	<b>303</b>	<b>210</b>	<b>50</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>818</b>
<b>Percent of Total</b>	<b>0.9</b>	<b>6.8</b>	<b>22.2</b>	<b>37.0</b>	<b>25.7</b>	<b>6.1</b>	<b>0.9</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of AM</b>	<b>0.7</b>	<b>8.2</b>	<b>23.0</b>	<b>33.3</b>	<b>27.3</b>	<b>6.0</b>	<b>0.7</b>	<b>0.0</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of PM</b>	<b>0.9</b>	<b>6.2</b>	<b>21.8</b>	<b>39.0</b>	<b>24.8</b>	<b>6.2</b>	<b>0.9</b>	<b>0.2</b>	<b>0.0</b>	<b>100</b>						

Standard Deviation:	5.8 MPH	Ten Mile Pace:	25 to 34 MPH	85th Percentile:	33.5 MPH
Mean Speed:	27.7 MPH	Percent in Ten Mile Pace:	62.7%	15th Percentile:	21.6 MPH
Median Speed:	27.7 MPH			90th Percentile:	34.5 MPH
Modal Speed:	27.5 MPH			95th Percentile:	36.9 MPH

## Daily Total Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: 20

Location: S Mitchell

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
11:00 - 11:59	3	2	11	13	9	3	0	0	0	0	0	0	0	0	0	41
12:00 - 12:59	0	3	11	12	17	5	0	0	0	0	0	0	0	0	0	48
13:00 - 13:59	1	5	5	7	25	4	1	0	0	0	0	0	0	0	0	48
14:00 - 14:59	0	2	6	15	9	8	2	0	0	0	0	0	0	0	0	42
15:00 - 15:59	1	5	14	24	20	7	2	1	0	0	0	0	0	0	0	74
16:00 - 16:59	2	4	16	31	20	9	1	0	0	0	0	0	0	0	0	83
17:00 - 17:59	0	4	12	25	26	6	3	0	0	0	0	0	0	0	0	76
18:00 - 18:59	0	4	13	29	18	5	2	0	0	0	0	0	0	0	0	71
19:00 - 19:59	1	4	17	27	13	2	1	0	0	0	0	0	0	0	0	65
20:00 - 20:59	0	1	8	21	6	3	0	0	0	0	0	0	0	0	0	39
21:00 - 21:59	2	3	6	19	9	0	0	0	0	0	0	0	0	0	0	39
22:00 - 22:59	0	0	5	10	6	2	0	0	0	0	0	0	0	0	0	23
23:00 - 23:59	1	0	8	5	8	4	2	0	0	0	0	0	0	0	0	28
00:00 - 00:59	0	0	1	2	0	2	0	0	0	0	0	0	0	0	0	5
01:00 - 01:59	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	8
02:00 - 02:59	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	1	2	0	1	1	0	0	0	0	0	0	0	0	5
05:00 - 05:59	0	1	4	3	3	2	0	0	0	0	0	0	0	0	0	13
06:00 - 06:59	1	3	6	11	2	0	0	0	0	0	0	0	0	0	0	23
07:00 - 07:59	0	2	7	26	10	4	1	0	0	0	0	0	0	0	0	50
08:00 - 08:59	0	1	8	21	9	7	0	0	0	0	0	0	0	0	0	46
09:00 - 09:59	0	3	9	9	11	2	1	0	0	0	0	0	0	0	0	35
10:00 - 10:59	0	3	7	14	12	6	0	0	0	0	0	0	0	0	0	42
<b>Totals</b>	<b>12</b>	<b>52</b>	<b>178</b>	<b>329</b>	<b>236</b>	<b>82</b>	<b>17</b>	<b>1</b>	<b>0</b>	<b>907</b>						
<b>Percent of Total</b>	<b>1.3</b>	<b>5.7</b>	<b>19.6</b>	<b>36.3</b>	<b>26.0</b>	<b>9.0</b>	<b>1.9</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>						
<b>Percent of AM</b>	<b>1.5</b>	<b>6.3</b>	<b>21.0</b>	<b>38.4</b>	<b>21.8</b>	<b>10.0</b>	<b>1.1</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of PM</b>	<b>1.3</b>	<b>5.5</b>	<b>19.0</b>	<b>35.4</b>	<b>27.8</b>	<b>8.6</b>	<b>2.2</b>	<b>0.2</b>	<b>0.0</b>	<b>100</b>						

Standard Deviation:	6.0 MPH	Ten Mile Pace:	25 to 34 MPH	85th Percentile:	34.2 MPH
Mean Speed:	28.2 MPH	Percent in Ten Mile Pace:	62.3%	15th Percentile:	22.0 MPH
Median Speed:	28.2 MPH			90th Percentile:	35.5 MPH
Modal Speed:	27.5 MPH			95th Percentile:	38.3 MPH

## Daily Vehicle Volume Report

Study Date: Wednesday, 09/23/2020 / Thursday, 09/24/2020

Unit ID: 20

Location: San Antonio St. (Bishop St.)

	Eastbound Volume	Westbound Volume	Total Volume
09:00 - 09:59	172	94	266
10:00 - 10:59	164	106	270
11:00 - 11:59	200	128	328
12:00 - 12:59	227	179	406
13:00 - 13:59	253	175	428
14:00 - 14:59	223	160	383
15:00 - 15:59	236	149	385
16:00 - 16:59	270	169	439
17:00 - 17:59	315	215	530
18:00 - 18:59	235	155	390
19:00 - 19:59	147	123	270
20:00 - 20:59	104	77	181
21:00 - 21:59	94	69	163
22:00 - 22:59	69	38	107
23:00 - 23:59	40	25	65
00:00 - 00:59	16	10	26
01:00 - 01:59	13	12	25
02:00 - 02:59	7	8	15
03:00 - 03:59	11	3	14
04:00 - 04:59	6	10	16
05:00 - 05:59	23	21	44
06:00 - 06:59	44	33	77
07:00 - 07:59	169	99	268
08:00 - 08:59	154	108	262
<b>Totals</b>	<b>3192</b>	<b>2166</b>	<b>5358</b>
<b>AM Peak Time</b>	<b>11:00 - 11:59</b>	<b>11:00 - 11:59</b>	<b>11:00 - 11:59</b>
<b>AM Peak Volume</b>	<b>200</b>	<b>128</b>	<b>328</b>
<b>PM Peak Time</b>	<b>16:41 - 17:40</b>	<b>16:52 - 17:51</b>	<b>16:52 - 17:51</b>
<b>PM Peak Volume</b>	<b>332</b>	<b>222</b>	<b>541</b>

## Daily Eastbound Speeds (MPH)

Study Date: Wednesday, 09/23/2020 / Thursday, 09/24/2020

Unit ID: 20

Location: San Antonio St. (Bishop St.)

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
09:00 - 09:59	1	4	38	94	31	4	0	0	0	0	0	0	0	0	0	172
10:00 - 10:59	0	4	34	89	31	6	0	0	0	0	0	0	0	0	0	164
11:00 - 11:59	0	4	43	114	31	7	0	1	0	0	0	0	0	0	0	200
12:00 - 12:59	1	6	51	117	43	6	1	0	1	0	0	1	0	0	0	227
13:00 - 13:59	3	5	62	133	48	2	0	0	0	0	0	0	0	0	0	253
14:00 - 14:59	1	6	29	124	50	12	0	0	0	1	0	0	0	0	0	223
15:00 - 15:59	1	3	56	136	35	5	0	0	0	0	0	0	0	0	0	236
16:00 - 16:59	0	3	50	159	53	5	0	0	0	0	0	0	0	0	0	270
17:00 - 17:59	1	1	62	188	60	2	1	0	0	0	0	0	0	0	0	315
18:00 - 18:59	0	0	55	130	47	3	0	0	0	0	0	0	0	0	0	235
19:00 - 19:59	0	6	35	82	23	0	1	0	0	0	0	0	0	0	0	147
20:00 - 20:59	0	0	24	53	24	2	1	0	0	0	0	0	0	0	0	104
21:00 - 21:59	0	2	19	49	20	4	0	0	0	0	0	0	0	0	0	94
22:00 - 22:59	0	0	16	22	28	1	1	1	0	0	0	0	0	0	0	69
23:00 - 23:59	0	0	7	19	13	0	0	0	1	0	0	0	0	0	0	40
00:00 - 00:59	0	0	7	5	4	0	0	0	0	0	0	0	0	0	0	16
01:00 - 01:59	0	1	3	2	5	2	0	0	0	0	0	0	0	0	0	13
02:00 - 02:59	0	0	0	2	4	1	0	0	0	0	0	0	0	0	0	7
03:00 - 03:59	0	0	3	5	3	0	0	0	0	0	0	0	0	0	0	11
04:00 - 04:59	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	6
05:00 - 05:59	0	0	3	13	5	2	0	0	0	0	0	0	0	0	0	23
06:00 - 06:59	0	0	11	16	15	2	0	0	0	0	0	0	0	0	0	44
07:00 - 07:59	0	0	30	95	39	5	0	0	0	0	0	0	0	0	0	169
08:00 - 08:59	1	4	42	73	32	2	0	0	0	0	0	0	0	0	0	154
<b>Totals</b>	<b>9</b>	<b>49</b>	<b>681</b>	<b>1722</b>	<b>646</b>	<b>74</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3192</b>
Percent of Total	0.3	1.5	21.3	53.9	20.2	2.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.2	1.7	22.0	52.1	20.6	3.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.3	1.4	21.1	54.8	20.1	1.9	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100

Standard Deviation:	4.4 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	31.9 MPH
Mean Speed:	27.5 MPH	Percent in Ten Mile Pace:	75.3%	15th Percentile:	23.1 MPH
Median Speed:	27.5 MPH			90th Percentile:	33.2 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.4 MPH

## Daily Westbound Speeds (MPH)

Study Date: Wednesday, 09/23/2020 / Thursday, 09/24/2020

Unit ID: 20

Location: San Antonio St. (Bishop St.)

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
09:00 - 09:59	0	1	33	40	18	2	0	0	0	0	0	0	0	0	0	94
10:00 - 10:59	0	5	26	48	26	1	0	0	0	0	0	0	0	0	0	106
11:00 - 11:59	1	5	36	52	32	2	0	0	0	0	0	0	0	0	0	128
12:00 - 12:59	0	3	48	87	37	3	0	0	0	0	0	0	0	0	1	179
13:00 - 13:59	3	4	51	88	25	3	0	0	1	0	0	0	0	0	0	175
14:00 - 14:59	0	4	31	89	31	5	0	0	0	0	0	0	0	0	0	160
15:00 - 15:59	1	1	34	77	33	2	0	0	0	0	1	0	0	0	0	149
16:00 - 16:59	0	5	42	85	35	2	0	0	0	0	0	0	0	0	0	169
17:00 - 17:59	2	2	56	111	36	7	0	0	0	1	0	0	0	0	0	215
18:00 - 18:59	0	2	30	87	33	2	0	1	0	0	0	0	0	0	0	155
19:00 - 19:59	0	6	34	65	17	1	0	0	0	0	0	0	0	0	0	123
20:00 - 20:59	0	1	24	36	11	5	0	0	0	0	0	0	0	0	0	77
21:00 - 21:59	0	3	14	34	16	2	0	0	0	0	0	0	0	0	0	69
22:00 - 22:59	0	0	10	16	9	1	2	0	0	0	0	0	0	0	0	38
23:00 - 23:59	0	0	5	10	9	0	1	0	0	0	0	0	0	0	0	25
00:00 - 00:59	0	0	1	7	2	0	0	0	0	0	0	0	0	0	0	10
01:00 - 01:59	0	0	5	4	3	0	0	0	0	0	0	0	0	0	0	12
02:00 - 02:59	0	0	1	3	3	0	1	0	0	0	0	0	0	0	0	8
03:00 - 03:59	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3
04:00 - 04:59	0	0	4	2	2	2	0	0	0	0	0	0	0	0	0	10
05:00 - 05:59	0	1	2	12	4	1	1	0	0	0	0	0	0	0	0	21
06:00 - 06:59	0	2	2	16	12	1	0	0	0	0	0	0	0	0	0	33
07:00 - 07:59	0	1	25	50	20	3	0	0	0	0	0	0	0	0	0	99
08:00 - 08:59	0	2	37	46	22	0	0	1	0	0	0	0	0	0	0	108
<b>Totals</b>	<b>7</b>	<b>49</b>	<b>551</b>	<b>1066</b>	<b>437</b>	<b>45</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2166</b>
<b>Percent of Total</b>	<b>0.3</b>	<b>2.3</b>	<b>25.4</b>	<b>49.2</b>	<b>20.2</b>	<b>2.1</b>	<b>0.2</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>						
<b>Percent of AM</b>	<b>0.2</b>	<b>2.8</b>	<b>27.2</b>	<b>44.5</b>	<b>22.9</b>	<b>1.9</b>	<b>0.3</b>	<b>0.2</b>	<b>0.0</b>	<b>100</b>						
<b>Percent of PM</b>	<b>0.4</b>	<b>2.0</b>	<b>24.7</b>	<b>51.2</b>	<b>19.0</b>	<b>2.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>100</b>

Standard Deviation:	4.8 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	31.9 MPH
Mean Speed:	27.3 MPH	Percent in Ten Mile Pace:	74.7%	15th Percentile:	22.4 MPH
Median Speed:	27.2 MPH			90th Percentile:	33.2 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.4 MPH

## Daily Total Speeds (MPH)

Study Date: Wednesday, 09/23/2020 / Thursday, 09/24/2020

Unit ID: 20

Location: San Antonio St. (Bishop St.)

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
09:00 - 09:59	1	5	71	134	49	6	0	0	0	0	0	0	0	0	0	266
10:00 - 10:59	0	9	60	137	57	7	0	0	0	0	0	0	0	0	0	270
11:00 - 11:59	1	9	79	166	63	9	0	1	0	0	0	0	0	0	0	328
12:00 - 12:59	1	9	99	204	80	9	1	0	1	0	0	1	0	0	1	406
13:00 - 13:59	6	9	113	221	73	5	0	0	1	0	0	0	0	0	0	428
14:00 - 14:59	1	10	60	213	81	17	0	0	0	1	0	0	0	0	0	383
15:00 - 15:59	2	4	90	213	68	7	0	0	0	0	1	0	0	0	0	385
16:00 - 16:59	0	8	92	244	88	7	0	0	0	0	0	0	0	0	0	439
17:00 - 17:59	3	3	118	299	96	9	1	0	0	1	0	0	0	0	0	530
18:00 - 18:59	0	2	85	217	80	5	0	1	0	0	0	0	0	0	0	390
19:00 - 19:59	0	12	69	147	40	1	1	0	0	0	0	0	0	0	0	270
20:00 - 20:59	0	1	48	89	35	7	1	0	0	0	0	0	0	0	0	181
21:00 - 21:59	0	5	33	83	36	6	0	0	0	0	0	0	0	0	0	163
22:00 - 22:59	0	0	26	38	37	2	3	1	0	0	0	0	0	0	0	107
23:00 - 23:59	0	0	12	29	22	0	1	0	1	0	0	0	0	0	0	65
00:00 - 00:59	0	0	8	12	6	0	0	0	0	0	0	0	0	0	0	26
01:00 - 01:59	0	1	8	6	8	2	0	0	0	0	0	0	0	0	0	25
02:00 - 02:59	0	0	1	5	7	1	1	0	0	0	0	0	0	0	0	15
03:00 - 03:59	0	1	3	6	4	0	0	0	0	0	0	0	0	0	0	14
04:00 - 04:59	0	0	5	4	4	3	0	0	0	0	0	0	0	0	0	16
05:00 - 05:59	0	1	5	25	9	3	1	0	0	0	0	0	0	0	0	44
06:00 - 06:59	0	2	13	32	27	3	0	0	0	0	0	0	0	0	0	77
07:00 - 07:59	0	1	55	145	59	8	0	0	0	0	0	0	0	0	0	268
08:00 - 08:59	1	6	79	119	54	2	0	1	0	0	0	0	0	0	0	262
<b>Totals</b>	<b>16</b>	<b>98</b>	<b>1232</b>	<b>2788</b>	<b>1083</b>	<b>119</b>	<b>10</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5358</b>
Percent of Total	0.3	1.8	23.0	52.0	20.2	2.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.2	2.2	24.0	49.1	21.5	2.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.3	1.7	22.6	53.3	19.6	2.0	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100

Standard Deviation:	4.5 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	31.9 MPH
Mean Speed:	27.4 MPH	Percent in Ten Mile Pace:	75.0%	15th Percentile:	22.8 MPH
Median Speed:	27.4 MPH			90th Percentile:	33.2 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.4 MPH

# USLIMITS2 Speed Zoning Report

## Project Overview

**Project Name: San Antonio 25 mph**

**Analyst:** Ning Zou

**Date:** 10-19-2020

### Basic Project Information

Route Name: San Antonio  
From: Hopkins St\_  
To: Harvey St\_  
State: Texas  
County: Hays County  
City: San Marcos city  
Route Type: Road Section in Developed Area  
Route Status: Existing

### Crash Data Information

Crash Data Years: 0  
Crash AADT: N/A  
Total Number of Crashes: N/A  
Total Number of Injury Crashes: N/A

### Traffic Information

85th Percentile Speed: 32 mph  
50th Percentile Speed: 27 mph  
AADT: 5358 veh/day  
On Street Parking and Usage: High  
Pedestrian / Bicyclist Activity: High

### Roadway Information

Section Length: 1.07 mile(s)  
Statutory Speed Limit: 30 mph  
Existing Speed Limit: 30 mph  
Adverse Alignment: No  
One-Way Street: No  
Divided/Undivided: Undivided  
Number of Through Lanes: 2  
Area Type: Residential-Collector/Arterial  
Number of Driveways: 65  
Number of Signals: 0

## Recommended Speed Limit: **25**

**Note:** Crash data were not entered for this project. A comprehensive crash study is a critical component of any traffic engineering study. We suggest that you repeat this process when crash data become available.

**Disclaimer:** The U.S. Government assumes no liability for the use of the information contained in this report. This report does not constitute a standard, specification, or regulation.

## How the Recommended Speed Limit was Calculated

The questions and responses below, and the referenced page numbers, correspond to the flowcharts found in the [Decision Rules Flowchart document](#).

### Terms Used in Calculations

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).
- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL\_1:** Speed limit calculated using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL\_2:** Speed limit calculated using crash data from the crash module.
- **SL:** Recommended Speed Limit.

Calculate SL\_1 Using Site Characteristics (pg. K-23)

**Note:** The number of signals per mile is being calculated as 0.00 signals per mile.

**Note:** The number of driveways per mile is being calculated as 60.75 driveways per mile.

**Question 1:** Are any of the following true: there are more than four signals per mile, pedestrian or bicyclist activity is high, parking activity is high, or there are more than 60 driveways per mile?

**Results:** Yes. There are 0.00 signals per mile, 60.75 driveways per mile, high pedestrian/bicyclist activity, and high parking activity. **The SL\_1 is set to the closest 50th percentile speed (25 mph).**

**Question 2:** Are crash data available?

**Results:** No crash data are available. **The SL is being set equal to SL\_1 (25 mph).**

Determine the Final Recommended Speed Limit (pg. K-28)

**Question 3:** Is the SL less than 20 mph or greater than 50 mph?

**Results:** The SL (25 mph) is between 20 mph and 50 mph. **The SL remains the same.**

**Final Recommendation: The recommended speed limit is 25 mph.**

## Daily Vehicle Volume Report

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: #3

Location: MLK Dr

	Westbound Volume	Eastbound Volume	Total Volume
10:00 - 10:59	42	23	65
11:00 - 11:59	49	21	70
12:00 - 12:59	44	18	62
13:00 - 13:59	42	14	56
14:00 - 14:59	60	16	76
15:00 - 15:59	51	25	76
16:00 - 16:59	56	33	89
17:00 - 17:59	40	41	81
18:00 - 18:59	41	19	60
19:00 - 19:59	22	18	40
20:00 - 20:59	22	4	26
21:00 - 21:59	11	5	16
22:00 - 22:59	6	7	13
23:00 - 23:59	4	4	8
00:00 - 00:59	3	3	6
01:00 - 01:59	2	0	2
02:00 - 02:59	1	1	2
03:00 - 03:59	4	0	4
04:00 - 04:59	10	3	13
05:00 - 05:59	25	4	29
06:00 - 06:59	44	7	51
07:00 - 07:59	40	6	46
08:00 - 08:59	25	15	40
09:00 - 09:59	31	19	50
<b>Totals</b>	<b>675</b>	<b>306</b>	<b>981</b>
<b>AM Peak Time</b>	<b>10:45 - 11:44</b>	<b>10:07 - 11:06</b>	<b>10:45 - 11:44</b>
<b>AM Peak Volume</b>	<b>52</b>	<b>25</b>	<b>76</b>
<b>PM Peak Time</b>	<b>14:14 - 15:13</b>	<b>16:52 - 17:51</b>	<b>17:25 - 18:24</b>
<b>PM Peak Volume</b>	<b>64</b>	<b>45</b>	<b>95</b>

## Daily Vehicle Volume Report

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: #3

Location: MLK Dr

	Westbound Volume	Eastbound Volume	Total Volume
10:00 - 10:59	37	21	58
11:00 - 11:59	58	22	80
12:00 - 12:59	37	16	53
13:00 - 13:59	42	21	63
14:00 - 14:59	64	19	83
15:00 - 15:59	60	27	87
16:00 - 16:59	39	29	68
17:00 - 17:59	35	31	66
18:00 - 18:59	42	13	55
19:00 - 19:59	31	15	46
20:00 - 20:59	17	16	33
21:00 - 21:59	14	10	24
22:00 - 22:59	8	12	20
23:00 - 23:59	6	5	11
00:00 - 00:59	4	4	8
01:00 - 01:59	3	2	5
02:00 - 02:59	2	1	3
03:00 - 03:59	2	0	2
04:00 - 04:59	8	2	10
05:00 - 05:59	20	6	26
06:00 - 06:59	31	13	44
07:00 - 07:59	38	4	42
08:00 - 08:59	31	18	49
09:00 - 09:59	25	11	36
<b>Totals</b>	<b>654</b>	<b>318</b>	<b>972</b>
<b>AM Peak Time</b>	<b>11:00 - 11:59</b>	<b>10:28 - 11:27</b>	<b>10:26 - 11:25</b>
<b>AM Peak Volume</b>	<b>58</b>	<b>29</b>	<b>82</b>
<b>PM Peak Time</b>	<b>14:06 - 15:05</b>	<b>16:35 - 17:34</b>	<b>14:51 - 15:50</b>
<b>PM Peak Volume</b>	<b>66</b>	<b>36</b>	<b>92</b>

## Daily Westbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: #3

Location: MLK Dr

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	2	2	15	17	6	0	0	0	0	0	0	0	0	0	0	42
11:00 - 11:59	1	6	21	17	4	0	0	0	0	0	0	0	0	0	0	49
12:00 - 12:59	1	4	13	20	5	1	0	0	0	0	0	0	0	0	0	44
13:00 - 13:59	0	1	21	15	5	0	0	0	0	0	0	0	0	0	0	42
14:00 - 14:59	0	4	18	32	6	0	0	0	0	0	0	0	0	0	0	60
15:00 - 15:59	0	2	18	24	7	0	0	0	0	0	0	0	0	0	0	51
16:00 - 16:59	0	3	25	25	3	0	0	0	0	0	0	0	0	0	0	56
17:00 - 17:59	0	6	13	19	2	0	0	0	0	0	0	0	0	0	0	40
18:00 - 18:59	0	14	16	8	3	0	0	0	0	0	0	0	0	0	0	41
19:00 - 19:59	0	2	13	5	2	0	0	0	0	0	0	0	0	0	0	22
20:00 - 20:59	1	3	10	5	3	0	0	0	0	0	0	0	0	0	0	22
21:00 - 21:59	0	1	6	3	1	0	0	0	0	0	0	0	0	0	0	11
22:00 - 22:59	0	1	3	2	0	0	0	0	0	0	0	0	0	0	0	6
23:00 - 23:59	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
00:00 - 00:59	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3
01:00 - 01:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	4
04:00 - 04:59	0	1	2	2	5	0	0	0	0	0	0	0	0	0	0	10
05:00 - 05:59	0	1	11	7	6	0	0	0	0	0	0	0	0	0	0	25
06:00 - 06:59	0	2	15	19	7	1	0	0	0	0	0	0	0	0	0	44
07:00 - 07:59	2	1	19	14	4	0	0	0	0	0	0	0	0	0	0	40
08:00 - 08:59	1	1	11	7	5	0	0	0	0	0	0	0	0	0	0	25
09:00 - 09:59	1	3	9	16	2	0	0	0	0	0	0	0	0	0	0	31
<b>Totals</b>	<b>9</b>	<b>61</b>	<b>263</b>	<b>261</b>	<b>77</b>	<b>4</b>	<b>0</b>	<b>675</b>								
<b>Percent of Total</b>	<b>1.3</b>	<b>9.0</b>	<b>39.0</b>	<b>38.7</b>	<b>11.4</b>	<b>0.6</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of AM</b>	<b>2.5</b>	<b>6.9</b>	<b>38.0</b>	<b>37.0</b>	<b>14.5</b>	<b>1.1</b>	<b>0.0</b>	<b>100</b>								
<b>Percent of PM</b>	<b>0.5</b>	<b>10.5</b>	<b>39.6</b>	<b>39.8</b>	<b>9.3</b>	<b>0.3</b>	<b>0.0</b>	<b>100</b>								

Standard Deviation:	4.7 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	29.6 MPH
Mean Speed:	25.0 MPH	Percent in Ten Mile Pace:	77.6%	15th Percentile:	20.6 MPH
Median Speed:	25.1 MPH			90th Percentile:	30.8 MPH
Modal Speed:	22.5 MPH			95th Percentile:	33.0 MPH

## Daily Westbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: #3

Location: MLK Dr

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	0	5	8	21	2	0	0	1	0	0	0	0	0	0	0	37
11:00 - 11:59	1	2	17	28	10	0	0	0	0	0	0	0	0	0	0	58
12:00 - 12:59	0	6	8	20	3	0	0	0	0	0	0	0	0	0	0	37
13:00 - 13:59	0	2	22	16	1	1	0	0	0	0	0	0	0	0	0	42
14:00 - 14:59	4	10	21	22	6	1	0	0	0	0	0	0	0	0	0	64
15:00 - 15:59	1	4	16	29	8	2	0	0	0	0	0	0	0	0	0	60
16:00 - 16:59	2	2	10	16	8	0	1	0	0	0	0	0	0	0	0	39
17:00 - 17:59	3	8	8	14	2	0	0	0	0	0	0	0	0	0	0	35
18:00 - 18:59	1	6	20	13	2	0	0	0	0	0	0	0	0	0	0	42
19:00 - 19:59	3	6	9	10	3	0	0	0	0	0	0	0	0	0	0	31
20:00 - 20:59	0	3	7	7	0	0	0	0	0	0	0	0	0	0	0	17
21:00 - 21:59	1	2	6	5	0	0	0	0	0	0	0	0	0	0	0	14
22:00 - 22:59	0	2	3	2	1	0	0	0	0	0	0	0	0	0	0	8
23:00 - 23:59	0	2	2	1	1	0	0	0	0	0	0	0	0	0	0	6
00:00 - 00:59	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4
01:00 - 01:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
02:00 - 02:59	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	1	1	0	3	3	0	0	0	0	0	0	0	0	0	0	8
05:00 - 05:59	2	2	8	4	4	0	0	0	0	0	0	0	0	0	0	20
06:00 - 06:59	0	2	16	11	2	0	0	0	0	0	0	0	0	0	0	31
07:00 - 07:59	0	2	8	25	2	0	1	0	0	0	0	0	0	0	0	38
08:00 - 08:59	0	2	10	17	2	0	0	0	0	0	0	0	0	0	0	31
09:00 - 09:59	0	4	11	8	1	1	0	0	0	0	0	0	0	0	0	25
<b>Totals</b>	<b>19</b>	<b>75</b>	<b>214</b>	<b>274</b>	<b>64</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>654</b>						
<b>Percent of Total</b>	<b>2.9</b>	<b>11.5</b>	<b>32.7</b>	<b>41.9</b>	<b>9.8</b>	<b>0.8</b>	<b>0.3</b>	<b>0.2</b>	<b>0.0</b>	<b>100</b>						
<b>Percent of AM</b>	<b>1.5</b>	<b>8.5</b>	<b>31.7</b>	<b>45.9</b>	<b>11.2</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.0</b>	<b>100</b>						
<b>Percent of PM</b>	<b>3.8</b>	<b>13.4</b>	<b>33.4</b>	<b>39.2</b>	<b>8.9</b>	<b>1.0</b>	<b>0.3</b>	<b>0.0</b>	<b>100</b>							

Standard Deviation:	5.3 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	29.5 MPH
Mean Speed:	24.8 MPH	Percent in Ten Mile Pace:	74.6%	15th Percentile:	20.1 MPH
Median Speed:	25.3 MPH			90th Percentile:	30.5 MPH
Modal Speed:	27.5 MPH			95th Percentile:	33.0 MPH

## Daily Eastbound Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: #3

Location: MLK Dr

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	1	3	2	13	3	1	0	0	0	0	0	0	0	0	0	23
11:00 - 11:59	0	3	6	8	4	0	0	0	0	0	0	0	0	0	0	21
12:00 - 12:59	1	5	3	7	2	0	0	0	0	0	0	0	0	0	0	18
13:00 - 13:59	1	1	5	7	0	0	0	0	0	0	0	0	0	0	0	14
14:00 - 14:59	0	0	5	7	4	0	0	0	0	0	0	0	0	0	0	16
15:00 - 15:59	1	1	7	9	5	2	0	0	0	0	0	0	0	0	0	25
16:00 - 16:59	2	3	8	14	6	0	0	0	0	0	0	0	0	0	0	33
17:00 - 17:59	0	3	19	13	5	0	0	0	0	1	0	0	0	0	0	41
18:00 - 18:59	0	3	7	5	3	0	0	0	0	0	0	0	0	0	0	18
19:00 - 19:59	0	1	8	6	3	0	0	0	0	0	0	0	0	0	0	18
20:00 - 20:59	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	4
21:00 - 21:59	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	5
22:00 - 22:59	0	1	0	3	1	2	0	0	0	0	0	0	0	0	0	7
23:00 - 23:59	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
00:00 - 00:59	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
01:00 - 01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 - 02:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4
06:00 - 06:59	0	0	3	0	3	1	0	0	0	0	0	0	0	0	0	7
07:00 - 07:59	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	6
08:00 - 08:59	0	0	8	4	3	0	0	0	0	0	0	0	0	0	0	15
09:00 - 09:59	2	2	7	5	2	0	1	0	0	0	0	0	0	0	0	19
<b>Totals</b>	<b>9</b>	<b>28</b>	<b>97</b>	<b>114</b>	<b>46</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>305</b>
<b>Percent of Total</b>	<b>3.0</b>	<b>9.2</b>	<b>31.8</b>	<b>37.4</b>	<b>15.1</b>	<b>3.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of AM</b>	<b>2.9</b>	<b>9.8</b>	<b>28.4</b>	<b>38.2</b>	<b>16.7</b>	<b>2.9</b>	<b>1.0</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of PM</b>	<b>3.0</b>	<b>8.9</b>	<b>33.5</b>	<b>36.9</b>	<b>14.3</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>

Standard Deviation:	6.0 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	31.2 MPH
Mean Speed:	25.7 MPH	Percent in Ten Mile Pace:	69.2%	15th Percentile:	20.4 MPH
Median Speed:	25.8 MPH			90th Percentile:	32.8 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.5 MPH

## Daily Eastbound Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: #3

Location: MLK Dr

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	0	0	7	10	4	0	0	0	0	0	0	0	0	0	0	21
11:00 - 11:59	1	1	4	10	5	0	0	1	0	0	0	0	0	0	0	22
12:00 - 12:59	0	1	8	4	2	1	0	0	0	0	0	0	0	0	0	16
13:00 - 13:59	1	0	5	8	7	0	0	0	0	0	0	0	0	0	0	21
14:00 - 14:59	1	0	5	9	4	0	0	0	0	0	0	0	0	0	0	19
15:00 - 15:59	3	6	8	5	4	1	0	0	0	0	0	0	0	0	0	27
16:00 - 16:59	4	1	3	15	5	1	0	0	0	0	0	0	0	0	0	29
17:00 - 17:59	4	3	9	8	6	0	0	1	0	0	0	0	0	0	0	31
18:00 - 18:59	1	2	2	5	3	0	0	0	0	0	0	0	0	0	0	13
19:00 - 19:59	1	1	6	6	1	0	0	0	0	0	0	0	0	0	0	15
20:00 - 20:59	0	1	3	9	3	0	0	0	0	0	0	0	0	0	0	16
21:00 - 21:59	0	0	1	5	3	0	0	0	0	0	0	0	0	0	1	10
22:00 - 22:59	0	1	6	2	1	2	0	0	0	0	0	0	0	0	0	12
23:00 - 23:59	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	5
00:00 - 00:59	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	4
01:00 - 01:59	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
05:00 - 05:59	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	6
06:00 - 06:59	1	2	2	4	3	0	0	1	0	0	0	0	0	0	0	13
07:00 - 07:59	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	4
08:00 - 08:59	0	0	9	8	1	0	0	0	0	0	0	0	0	0	0	18
09:00 - 09:59	0	1	3	1	6	0	0	0	0	0	0	0	0	0	0	11
<b>Totals</b>	<b>18</b>	<b>23</b>	<b>87</b>	<b>117</b>	<b>62</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>318</b>
<b>Percent of Total</b>	<b>5.7</b>	<b>7.2</b>	<b>27.4</b>	<b>36.8</b>	<b>19.5</b>	<b>1.9</b>	<b>0.3</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>100</b>
<b>Percent of AM</b>	<b>2.9</b>	<b>5.8</b>	<b>27.9</b>	<b>37.5</b>	<b>22.1</b>	<b>1.0</b>	<b>1.0</b>	<b>1.9</b>	<b>0.0</b>	<b>100</b>						
<b>Percent of PM</b>	<b>7.0</b>	<b>7.9</b>	<b>27.1</b>	<b>36.4</b>	<b>18.2</b>	<b>2.3</b>	<b>0.0</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>	<b>100</b>

Standard Deviation:	7.4 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	32.0 MPH
Mean Speed:	26.0 MPH	Percent in Ten Mile Pace:	64.2%	15th Percentile:	20.4 MPH
Median Speed:	26.3 MPH			90th Percentile:	33.3 MPH
Modal Speed:	27.5 MPH			95th Percentile:	34.6 MPH

## Daily Total Speeds (MPH)

Study Date: Monday, 10/12/2020 / Tuesday, 10/13/2020

Unit ID: #3

Location: MLK Dr

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	3	5	17	30	9	1	0	0	0	0	0	0	0	0	0	65
11:00 - 11:59	1	9	27	25	8	0	0	0	0	0	0	0	0	0	0	70
12:00 - 12:59	2	9	16	27	7	1	0	0	0	0	0	0	0	0	0	62
13:00 - 13:59	1	2	26	22	5	0	0	0	0	0	0	0	0	0	0	56
14:00 - 14:59	0	4	23	39	10	0	0	0	0	0	0	0	0	0	0	76
15:00 - 15:59	1	3	25	33	12	2	0	0	0	0	0	0	0	0	0	76
16:00 - 16:59	2	6	33	39	9	0	0	0	0	0	0	0	0	0	0	89
17:00 - 17:59	0	9	32	32	7	0	0	0	0	1	0	0	0	0	0	81
18:00 - 18:59	0	17	23	13	6	0	0	0	0	0	0	0	0	0	0	59
19:00 - 19:59	0	3	21	11	5	0	0	0	0	0	0	0	0	0	0	40
20:00 - 20:59	1	3	13	5	3	1	0	0	0	0	0	0	0	0	0	26
21:00 - 21:59	1	1	8	4	1	1	0	0	0	0	0	0	0	0	0	16
22:00 - 22:59	0	2	3	5	1	2	0	0	0	0	0	0	0	0	0	13
23:00 - 23:59	0	1	3	4	0	0	0	0	0	0	0	0	0	0	0	8
00:00 - 00:59	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	6
01:00 - 01:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	4
04:00 - 04:59	0	1	2	4	5	1	0	0	0	0	0	0	0	0	0	13
05:00 - 05:59	0	2	12	9	6	0	0	0	0	0	0	0	0	0	0	29
06:00 - 06:59	0	2	18	19	10	2	0	0	0	0	0	0	0	0	0	51
07:00 - 07:59	2	1	21	17	5	0	0	0	0	0	0	0	0	0	0	46
08:00 - 08:59	1	1	19	11	8	0	0	0	0	0	0	0	0	0	0	40
09:00 - 09:59	3	5	16	21	4	0	1	0	0	0	0	0	0	0	0	50
<b>Totals</b>	<b>18</b>	<b>89</b>	<b>360</b>	<b>375</b>	<b>123</b>	<b>13</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>980</b>
<b>Percent of Total</b>	<b>1.8</b>	<b>9.1</b>	<b>36.7</b>	<b>38.3</b>	<b>12.6</b>	<b>1.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>
<b>Percent of AM</b>	<b>2.6</b>	<b>7.7</b>	<b>35.4</b>	<b>37.3</b>	<b>15.1</b>	<b>1.6</b>	<b>0.3</b>	<b>0.0</b>	<b>100</b>							
<b>Percent of PM</b>	<b>1.3</b>	<b>10.0</b>	<b>37.5</b>	<b>38.9</b>	<b>11.0</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>

Standard Deviation:	5.2 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	29.9 MPH
Mean Speed:	25.2 MPH	Percent in Ten Mile Pace:	75.0%	15th Percentile:	20.5 MPH
Median Speed:	25.3 MPH			90th Percentile:	31.6 MPH
Modal Speed:	27.5 MPH			95th Percentile:	33.6 MPH

## Daily Total Speeds (MPH)

Study Date: Tuesday, 10/13/2020 / Wednesday, 10/14/2020

Unit ID: #3

Location: MLK Dr

Posted Speed: 30

	5-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-99	Total
10:00 - 10:59	0	5	15	31	6	0	0	1	0	0	0	0	0	0	0	58
11:00 - 11:59	2	3	21	38	15	0	0	1	0	0	0	0	0	0	0	80
12:00 - 12:59	0	7	16	24	5	1	0	0	0	0	0	0	0	0	0	53
13:00 - 13:59	1	2	27	24	8	1	0	0	0	0	0	0	0	0	0	63
14:00 - 14:59	5	10	26	31	10	1	0	0	0	0	0	0	0	0	0	83
15:00 - 15:59	4	10	24	34	12	3	0	0	0	0	0	0	0	0	0	87
16:00 - 16:59	6	3	13	31	13	1	1	0	0	0	0	0	0	0	0	68
17:00 - 17:59	7	11	17	22	8	0	0	1	0	0	0	0	0	0	0	66
18:00 - 18:59	2	8	22	18	5	0	0	0	0	0	0	0	0	0	0	55
19:00 - 19:59	4	7	15	16	4	0	0	0	0	0	0	0	0	0	0	46
20:00 - 20:59	0	4	10	16	3	0	0	0	0	0	0	0	0	0	0	33
21:00 - 21:59	1	2	7	10	3	0	0	0	0	0	0	0	0	0	1	24
22:00 - 22:59	0	3	9	4	2	2	0	0	0	0	0	0	0	0	0	20
23:00 - 23:59	0	3	4	3	1	0	0	0	0	0	0	0	0	0	0	11
00:00 - 00:59	0	0	1	5	2	0	0	0	0	0	0	0	0	0	0	8
01:00 - 01:59	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	5
02:00 - 02:59	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3
03:00 - 03:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	1	1	0	4	3	0	1	0	0	0	0	0	0	0	0	10
05:00 - 05:59	3	3	10	5	5	0	0	0	0	0	0	0	0	0	0	26
06:00 - 06:59	1	4	18	15	5	0	0	1	0	0	0	0	0	0	0	44
07:00 - 07:59	0	2	10	25	4	0	1	0	0	0	0	0	0	0	0	42
08:00 - 08:59	0	2	19	25	3	0	0	0	0	0	0	0	0	0	0	49
09:00 - 09:59	0	5	14	9	7	1	0	0	0	0	0	0	0	0	0	36
<b>Totals</b>	<b>37</b>	<b>98</b>	<b>301</b>	<b>391</b>	<b>126</b>	<b>11</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>972</b>
<b>Percent of Total</b>	<b>3.8</b>	<b>10.1</b>	<b>31.0</b>	<b>40.2</b>	<b>13.0</b>	<b>1.1</b>	<b>0.3</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>100</b>
<b>Percent of AM</b>	<b>1.9</b>	<b>7.7</b>	<b>30.6</b>	<b>43.5</b>	<b>14.3</b>	<b>0.6</b>	<b>0.6</b>	<b>0.8</b>	<b>0.0</b>	<b>100</b>						
<b>Percent of PM</b>	<b>4.9</b>	<b>11.5</b>	<b>31.2</b>	<b>38.3</b>	<b>12.2</b>	<b>1.5</b>	<b>0.2</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>100</b>

Standard Deviation:	6.1 MPH	Ten Mile Pace:	20 to 29 MPH	85th Percentile:	30.0 MPH
Mean Speed:	25.2 MPH	Percent in Ten Mile Pace:	71.2%	15th Percentile:	20.2 MPH
Median Speed:	25.6 MPH			90th Percentile:	31.9 MPH
Modal Speed:	27.5 MPH			95th Percentile:	33.8 MPH