

### E. PITKIN ST. ADVISORY LANES PROJECT

#### FINAL PROGRESS REPORT #6 (FEBRUARY 2025)

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#### **BACKGROUND**

On September 20, 2021, the City of Fort Collins was granted approval from the Federal Highway Administration to experiment with advisory bike lanes on E. Pitkin St. from Remington St. to Smith St. A street with advisory bike lanes provides for two-way motor vehicle and non-motorized traffic using a center lane with advisory lanes on either peripheral side of the roadway. The center lane is dedicated to, and shared by, motorists traveling in both directions and bicyclists have right-of-way in the advisory bike lanes, although motorists may utilize the advisory lanes to pass non-motorized traffic after yielding to non-motorized traffic, namely bicycles, e-bicycles, and e-scooters. The corridor redesign includes the following primary elements:

- 7-foot eastbound advisory bicycle lane with skip stripe.
- 16-foot center travel lane with no center striping.
- 6.5-foot westbound advisory bicycle lane with skip stripe.
- 2-foot buffer between the westbound advisory bicycle lane and on-street parking.
- 8-foot on-street parking lane on the north side of the street.
- Bike lane (R3-17) and two-way traffic warning (W6-3) signs.
- Bicycle lane pavement markings every 600 feet.

The restriping of E. Pitkin St. was coordinated with utilities and resurfacing work and was a joint effort between the City's FC Moves (Transportation Planning), Traffic Operations, Streets, and Utilities departments. At the time the request to experiment was submitted, the City anticipated repaving E. Pitkin St. in Spring 2022. Utilities improvements on E. Pitkin St. were delayed due to supply chain issues, material backlogs, and weather. The City completed repaving and restriping E. Pitkin St. in late September 2022, and the street was reopened to vehicular traffic on October 9, 2022.

Pre-installation data and post-installation data were collected to evaluate the effects of the treatment on vehicular and active mode transportation user behavior. This is the sixth and final progress report for the study area.

#### **BEFORE AND AFTER STUDIES**

#### **VOLUME**

Average daily traffic (ADT) volume studies were conducted by Traffic Operations on E. Pitkin St. between Matthews St. and Peterson St. for the pre-installation period and the post-installation periods. Figure 1 summarizes the recorded traffic volume for the 6 data collection periods. Detailed volume study data for the two-year post-installation evaluation period can be found in Appendix 1.

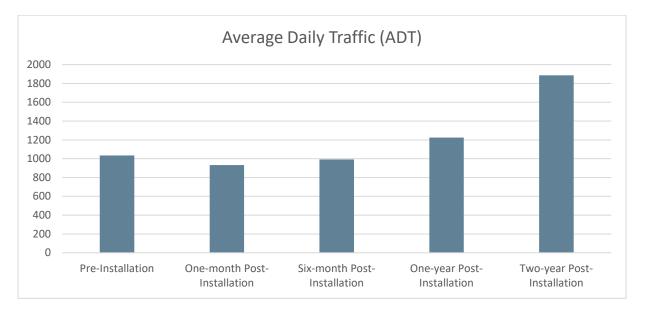


Figure 1. ADT Volumes Before and After Pitkin Advisory Lanes Installation

A traffic camera was used to record video of street and sidewalk activity before and after the project completion. The camera was first installed on the south side of E. Pitkin St. between Peterson St. and Whedbee St. Video footage was analyzed for the time periods of 7-9 AM, 12-2 PM, and 3-5 PM for all of the surveillance dates. The schedule for the surveillance video collection days was as follows:

Evaluation Period	Surveillance Collection Dates
Pre-Installation	Thursday, Oct. 14 <sup>th</sup> through Saturday, Oct. 16 <sup>th</sup> , 2021
One-month post-	
installation	Sunday, Dec. 4th through Tuesday, Dec. 6th, 2022
Six-month post-installation	Sunday, April 16 <sup>th</sup> through Tuesday, April 18 <sup>th</sup> , 2023
One-year post-installation	Thursday, Oct. 12 <sup>th</sup> through Saturday, Oct. 14 <sup>th</sup> , 2023
Two-year post-installation	Thursday, Oct. 10 <sup>th</sup> , Friday, Oct. 11th, and Saturday, Oct 19th, 2024

<sup>\*</sup> The weekend collection date was temporally separated from the weekday collection dates because of equipment issues.

Both the traffic study volumes (Figure 1, above) and the video surveillance data (Table 1, below) indicate a decrease in the vehicular traffic and active modes traffic in the study area in the one-month post-installation period, followed by a slight increase in the six-month period, and substantial increases in the one-year and two-year post-installation periods. Vehicle traffic in the one-year post-installation period was 7.6% greater than pre-installation levels, while bike and pedestrian numbers decreased 15% and 25% respectively. Vehicle traffic in the two-year post-installation period was 5.8 % greater than pre-installation levels, while bike and pedestrian numbers increased 56.3% and 37.3% respectively.

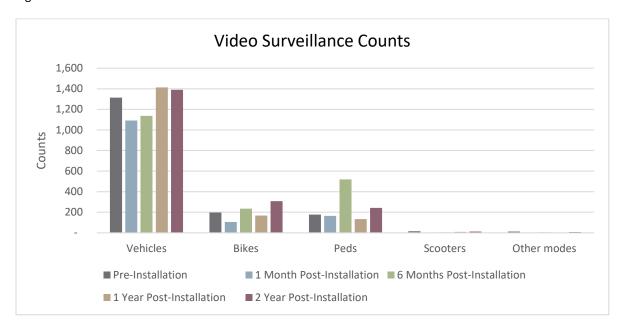


Table 1: Volume count comparisons

Video Evaluation Period	Vehicles	Bikes	Peds	Scooters	Other modes
Pre-Installation October, 2021	1,314	197	177	15	13
1-month post-installation December, 2022	1,092	106	164	1	2
6-months post-installation April, 2023	1,136	235	519*	5	4
1-year post-installation October, 2023	1,414	167	133	9	2
2-year post-installation October, 2023	1,390	308	243*	12	7

<sup>\*</sup>These surveillance periods capture the Lesher Middle School Cross Country Team out running in the neighborhood.

Figure 2: Video surveillance counts



There are a few factors that may have influenced these metrics:

Daylight hours: The first round of camera counts was conducted in mid-October, when the length of
daylight was on average 11 hours, 19 minutes. The second round of camera counts were conducted in
early December, when the length of daylight was on average 10 hours, 1 minute. The third round of
camera counts were conducted in mid-April, when the length of daylight was on average 13 hours, 22
minutes. The fourth round of camera counts were conducted in late October, when the length of daylight

was on average 11 hours, 13 minutes. The fifth round of camera counts were conducted in late October, when the length of daylight was on average 11 hours, 11 minutes. (See Figure 3)

- 2. Temperature: The average daily high temperature for the pre-installation camera surveillance period was 58° F, with a range of 49° 70° F for the average high over the 3 day period. The mean daily high temperature for the one-month post-installation camera surveillance period was 52° F, with a range of 49° 56° F. The mean daily high temperature for the six-month post-installation camera surveillance period was 72° F, with a range of 64° 76° F. The mean daily high temperature for the one-year post-installation camera surveillance period was 56° F, with a range of 55° 57°. The mean daily high temperature for the two-year post-installation camera surveillance period was 66° F, with a range of 60° 86°. (See Figure 4)
- 3. Altered travel habits: The study area was under construction for a period of over four-months, during which time people would have had to use alternative routes to get to their destinations. This change in traffic patterns may have had an effect on people's daily commuting habits in the early post-installation period.

Figure 3. Average daylight length during each evaluation period.

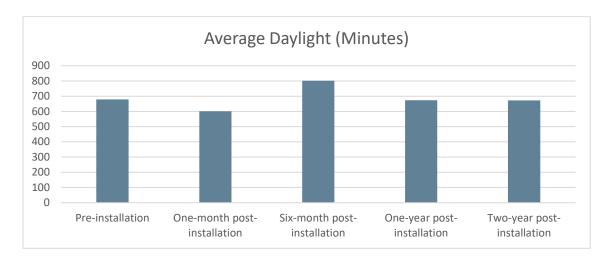
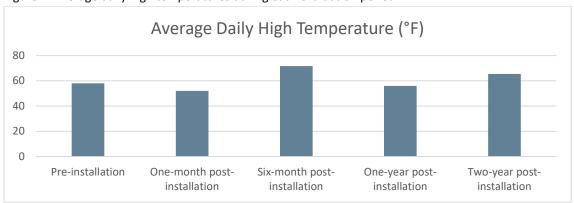


Figure 4. Average daily high temperatures during each evaluation period.





#### **OBSERVATIONS**

Video footage for the dates and time periods specified above was also analyzed for road user behavior and conflicts. The following observations were recorded:

Table 2: Video surveillance data showing road and sidewalk activity pre-installation and post-installation.

		One-month	Six-months	One-year	
	Pre-	post-	post-	post-	Two-years
	installation	installation	installation	installation	post-installation
Number of cars					
westbound	648	539	553	635	665
Number of cars					
eastbound	666	553	583	779	725
Number of bikes					
westbound	112	56	115	87	168
Number of bike					
eastbound	85	50	120	80	140
Wrong way bikes	2	0	3	2	3
Bikes on sidewalk	2	0	1	0	1
Number of					
pedestrians on					
north side	92	110	92	78	79
Number of					
pedestrians on					
south side	85	54	427	55	164
Number of					
scooters	_	_	_	_	_
westbound	7	1	1	4	5
Number of					
scooters	0	0	4	F	7
eastbound	8	0	4	5	/
Other modes	6	2	4	4	_
westbound	6	2	4	1	5
Other modes	-			4	
eastbound	7	0	0	1	2

Table 3: Percent of vehicles crossing into bike lanes from video surveillance data.

	One-month post-installation	Six-months post-installation	One-year post-installation	Two-years post-installation
Westbound, no obvious passing	41%	37%	33%	42%
Westbound, while passing	17%	23%	26%	31%
Eastbound, no obvious passing	0%	1%	1%	2%
Eastbound, while passing	0%	1%	2%	2%

<sup>\*</sup>It is worth noting that the metric "no obvious passing" was based on what could be seen on the video footage and does not take into account the longer visual distance that a driver on the street has in seeing approaching traffic.

Video observations from the one-month post installation period show 6% of bicyclists riding in the center lane as opposed to the bike lane. In the six-month post-installation video footage, 9% of bicyclists rode in the center lane, while in the one-year post-installation video footage, 3% of bicyclists rode in the center lane and in the two-year post-installation video footage, less than 1% of bicyclists rode in the center lane.

Two bicyclists were observed on the sidewalk in the pre-installation video surveillance; one was walking their bike. In the one-month post-video surveillance, five people were observed riding bicycles on the sidewalk. Out of the five people, 3 were children. In the six-month post-video surveillance, only one person (a youth) was observed riding a bike on the sidewalk. In the one-year post-video surveillance, no bicyclists were observed riding on the sidewalk. In the two-year post-video surveillance, one bicyclist was observed riding on the sidewalk.

No conflicts were observed between any of the travel modes (bicycling, driving, walking, skateboarding, and scootering) in the pre-installation nor the one month and six month post-installation videos. Drivers in both the pre-installation video and the post-installation videos yielded to bicyclists, appeared to give at least three feet passing distance, and stayed in the center lane in the case of the post-installation videos. It was not possible to see if and when drivers returned to the center lane when passing other vehicles because of the limited frame of the camera.

There was one instance of a potential conflict in the one-year post-installation video where an eastbound car crossed into the eastbound bike lane, then returned to the center lane to let a bicyclist pass, then once again crossed into the eastbound bike lane to perform a U-turn. It was not possible to see if the bicyclist had to yield at all to the car as the bicyclist was off camera.

<sup>\*\*</sup>When a vehicle did not cross into the bike lane when passing traffic, it was because the opposing vehicle was the one to cross over.



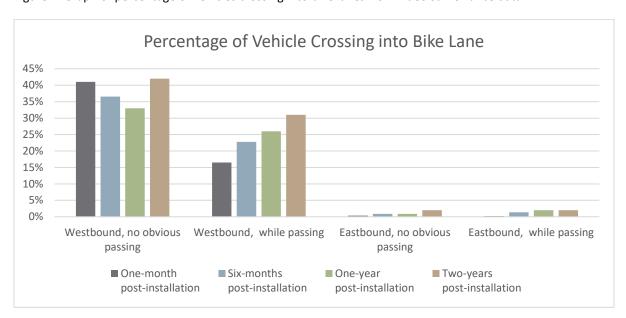
As shown in Figure 3, there was a significant number of westbound vehicles crossing over into the bike lane. One possible reason for this behavior includes confusion with regards to the lane striping (see Figure 3). The westbound bike lane has a parking buffer. With over 31 miles of buffered bike lanes in Fort Collins, with a buffer between the bike lane and the vehicular travel lane, it's possible that many Fort Collins' drivers have grown accustomed to driving alongside a buffer.

The 2% increase in eastbound vehicles crossing into the bike lane with no obvious passing may be due to an increase in careless driving.

Figure 3. Striping on advisory lanes (left) versus on a buffered bike lane (right).



Figure 4: Graph of percentage of vehicles crossing into bike lanes from video surveillance data.



#### 9(09)-128 (E) - Advisory Bicycle Lanes - Fort Collins, CO

Another possibility is that the drivers were able to see an oncoming vehicle that was not within the frame of the video surveillance, since the line of sight for a driver extends beyond the area captured by the camera frame. There was some subjectivity in determining this metric. If a vehicle came into the camera frame a few seconds after the westbound vehicle crossed over into the bike lane and went out of the frame, this was counted as crossing over "while passing oncoming traffic", but there may have been instances when drivers crossed over into the bike lane earlier because they saw an approaching vehicle further away since the on-street line of sight is much greater than what is shown in the video frame.

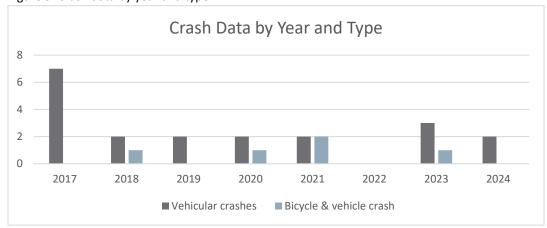
#### CRASH DATA

Prior to the installation of the Advisory Bike Lanes, crash data from 2017 - 2021 was evaluated to determine what types of traffic crashes were occurring in the vicinity of the project location, if any. In previous reports, it was incorrectly stated that no crashes occurred in the vicinity of the project area. Upon further investigation, we determined that crashes at intersections were omitted from the original query. In revisiting the crash data for 2017-2021, 19 crashes were identified that happened along or adjacent to the study area in that timeframe (Figure 5). Four of the crashes were listed as possible injury crashes, and one was a suspected injury crash. None involved fatalities.

Of the 19 crashes that occurred prior to the installation of the advisory lanes, the causes of the crashes were as follows:

- 4 disregarded stop signs
- 11 failed to yield ROW
- 1 followed too closely
- 2 improper backing
- 1 lane violation

Figure 5. Crash data by year and type





#### 9(09)-128 (E) - Advisory Bicycle Lanes - Fort Collins, CO

Since the reopening of the study area in October of 2022, there have been six reported crashes in this area resulting in property damage and one possible injury.

On May 1, 2023, at 8:40 am, a vehicle rear-ended another vehicle heading south on Remington near Pitkin. The second vehicle was noted to be following too closely. No injuries were reported.

On June 2, 2023, at 5:34 PM, a vehicle crashed with a bicycle at the intersection of E. Pitkin St. and Whedbee St. The vehicle failed to yield the right of way. No injuries were reported.

On June 2, 2023, at 6:41 PM, two vehicles collided at the intersection of E. Pitkin St. and Remington St. A northbound vehicle disregarded the stop sign and collided with a vehicle making a left turn, claiming not to have seen it. No injuries were reported.

On June 22, 2023, at 8:56 AM, vehicle two was traveling west on E. Pitkin St. approaching Smith St. Vehicle one stopped at a stop sign on southbound Smith St. at E. Pitkin St. Vehicle one proceeded into the intersection failing to yield the right of way to vehicle two. Vehicle two was not able to stop in time and the front of vehicle one collided with the front of vehicle two causing damage. The contributing factor listed in the police report was that the driver was unfamiliar with the area. No injuries were reported.

On March 2, 2024, at 3:30 am, a vehicle crashed at E Pitkin St and Smith St. "Reckless or careless driving" was listed as the suspected cause, and the incident was described as occurring near an alley.

On April 20, 2024, at 1:07 pm, two vehicles crashed at the intersection of E Pitkin St and Mathews St. The vehicle travelling southbound along Mathews failed to yield the right of way. The reason given was that they did not see the other vehicle. A possible injury was reported.

#### SPEED STUDY

Speed studies for the project were conducted before and after the installation of the advisory bike lanes between Matthews St. and Peterson St.

The posted speed limit on E. Pitkin St. is 25 mph. The pre-project speed study was conducted on Thursday, October 7<sup>th</sup>, 2021. The one-month post-project speed study was conducted from Monday, October 31<sup>th</sup>, 2022 through Wednesday, November 2<sup>nd</sup>, 2022. The six-month post-project speed study was conducted on Tuesday, April 25th. A one-year post-installation speed study was conducted from Wednesday, October 4, 2023 through Tuesday, October 10, 2023. Upon examination of the one-year speed study dataset, there were enough erroneous data points that the integrity of the data was in question. Several data points indicated vehicle speeds greater than 100 mph, which would be impossible on this roadway. The speed study was redone on February 20 – February 23, 2024 (see Appendix 2 for raw data). A two-year post-installation speed study was conducted on October 7 – October 14<sup>th</sup>, 2024 (see Appendix 3 for raw data).

As shown in figures 6 and 7, the number of vehicles exceeding the speed limit in the evaluation area dropped 67% from the pre-installation evaluation period to the two-year post-installation evaluation period. This dramatic reduction in speed coupled with the increase in pedestrian and bicycle use along the advisory lanes is the desired result of this infrastructure improvement.

Further safety and comfort benefits may be seen from additional educational outreach to discourage westbound drivers from crossing into the westbound bike lane unnecessarily.

Figure 6. Pre-Installation and Post-Installation Project Speed Studies

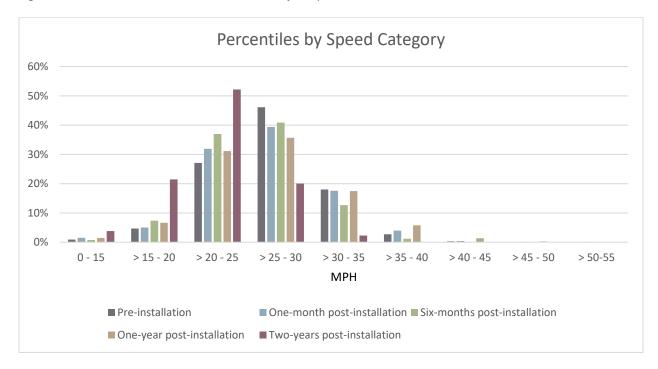
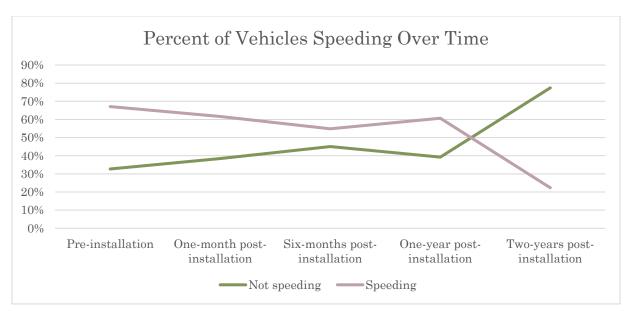


Figure 7. Pre-Installation and Post-Installation Project Speed Studies



# Appendix 1 Two-Year Post-Installation Volume Study

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3:

Comment 4: Latitude: 0.000000 Longitude: 0.000000

Comment 1: Comment 2:

Comment 3:

Location 4:															Longitude:	
10/7/2024	10/7/20	24	10/8/20	24	10/9/20	24	10/10/2	024	10/11/2	024	Weekday A	verage	10/12/2	2024	10/13/20	024
Time	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	1	2	2	3	1	4	3	5	2	4	2	1	9	4
1:00	*	*	2	1	2	0	1	1	0	0	1	0	2	0	2	2
2:00	*	*	0	1	1	2	1	1	3	0	1	1	2	3	2	0
3:00	*	*	1	1	2	0	2	2	1	0	2	1	9	9	1	0
4:00	*	*	5	4	4	6	6	3	4	3	5	4	3	2	12	1
5:00	*	*	14	11	16	12	12	15	15	15	14	13	6	4	16	1
6:00	*	*	77	90	82	83	69	78	81	79	77	82	26	11	21	11
7:00	*	*	61	75	64	57	60	51	57	70	60	63	27	25	20	22
8:00	*	*	79	56	56	59	60	56	67	52	66	56	46	45	78	43
9:00	*	*	59	50	59	54	56	56	67	48	60	52	60	35	66	52
10:00	*	*	56	69	58	62	45	68	57	62	54	65	63	56	47	64
11:00	76	54	76	79	87	82	77	66	65	58	76	68	65	102	32	68
12:00 PM	68	54	78	53	51	68	59	49	53	59	62	57	76	57	37	38
1:00	101	69	87	73	120	93	76	72	106	79	98	77	43	41	39	28
2:00	94	79	75	63	104	69	86	74	124	58	97	69	34	56	37	40
3:00	98	63	94	92	110	97	77	72	130	79	102	81	54	41	33	24
4:00	76	55	104	112	112	76	92	58	122	91	101	78	74	54	63	20
5:00	102	79	79	41	69	55	91	45	130	112	94	66	48	46	35	25
6:00	57	24	83	28	33	45	91	36	65	51	66	37	29	22	30	24
7:00	31	40	42	74	33	31	36	37	51	110	39	58	21	9	24	53
8:00	13	59	30	25	19	18	28	46	30	25	24	35	15	13	20	9
9:00	16	2	12	12	24	25	20	43	22	14	19	19	18	6	8	7
10:00	5	3	9	5	11	6	16	4	14	5	11	5	7	5	3	2
11:00	1	2	5	2	6	6	5	9	13	7	6	5	4	2	3	2
Total	738	583	1129	1019	1125	1009	1067	946	1280	1082	1137	996	734	645	638	540
Day	1321		2148		2134		2013	}	2362		2133	3	137	9	1178	3
AM Peak	11:00	11:00	8:00	6:00	11:00	6:00	11:00	6:00	6:00	6:00	6:00	6:00	11:00	11:00	8:00	11:00
Volume	76	54	79	90	87	83	77	78	81	79	77	82	65	102	78	68
PM Peak	5:00	2:00	4:00	4:00	1:00	3:00	4:00	2:00	3:00	5:00	3:00	3:00		12:00 PM	4:00	7:00
Volume	102	79	104	112	120	97	92	74	130	112	102	81	76	57	63	53

1

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3: Location 4:

Comment 3: Comment 4:

Comment 1:

Comment 2:

Latitude: 0.000000 Longitude: 0.000000

Location 4:															Longitude:	0.000000
10/14/2024	10/14/20	24	10/15/2	024	10/16/202	4	10/17/2	024	10/18/2	2024	Weekday A	verage	10/19/2	024	10/20/20	24
Time	EB	WB	EB	WB	EB \	VΒ	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	2	3	*	*	*	*	*	*	*	*	2	3	*	*	*	*
1:00	0	0	*	*	*	*	*	*	*	*	0	0	*	*	*	*
2:00	0	0	*	*	*	*	*	*	*	*	0	0	*	*	*	*
3:00	2	0	*	*	*	*	*	*	*	*	2	0	*	*	*	*
4:00	3	2	*	*	*	*	*	*	*	*	3	2	*	*	*	*
5:00	13	12	*	*	*	*	*	*	*	*	13	12	*	*	*	*
6:00	78	85	*	*	*	*	*	*	*	*	78	85	*	*	*	*
7:00	69	57	*	*	*	*	*	*	*	*	69	57	*	*	*	*
8:00	53	54	*	*	*	*	*	*	*	*	53	54	*	*	*	*
9:00	60	46	*	*	*	*	*	*	*	*	60	46	*	*	*	*
10:00	56	59	*	*	*	*	*	*	*	*	56	59	*	*	*	*
11:00	86	75	*	*	*	*	*	*	*	*	86	75	*	*	*	*
12:00 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	422	393	0	0	0	0	0	0	0	0		393	0	0	0	0
Day	815		0		0		0		0		815		0		0	
AM Peak	11:00	6:00									11:00	6:00				
Volume	86	85									86	85				
PM Peak																
Volume																
Comb Total	2136		2148		2134		2013	3	236	2	2948	3	1379	)	1178	
ADT	ADT	: 1,887	AAD	T: 1,887												

## Appendix 2 One-Year Post-Installation Speed Study

Site Code: PIT02-EW-24B Station ID: Pitkin St east of Mathews

Comment 1: Comment 2:

Serial Number: 33121

 $\begin{array}{c} 0.000000 \\ 0.000000 \end{array}$ 

Direction: Combined

Direction: Com	binea													
2/20/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	*	*	*	*	*	*	*	*	*	*	*	*	*	0
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
12:00 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	0
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
3:00	1	4	24	29	11	2	1	0	0	0	0	0	0	72
4:00	1	3	47	40	9	3	0	0	0	0	0	0	0	103
5:00	1	10	41	23	19	2	0	0	0	0	0	0	0	96
6:00	2	4	19	29	4	1	0	0	0	0	0	0	0	59
7:00	0	2	18	10	6	1	0	0	0	1	0	0	0	38
8:00	1	3	16	9	4	1	0	0	0	0	0	0	0	34
9:00	0	1	4	6	0	1	0	0	1	0	0	0	0	13
10:00	2	2	1	2	3	0	0	0	0	0	0	1	0	11
11:00	0	1	1	2	1	0	0	0	0	0	0	0	0	5
Total	8	30	171	150	57	11	1	0	1	1	0	1	0	431

Site Code: PIT02-EW-24B Station ID: Pitkin St east of Mathews

Comment 1: Comment 2: Serial Number: 33121

 $\begin{array}{c} 0.000000 \\ 0.000000 \end{array}$ 

Direction: Combined

Direction. Con	ibilica													
2/21/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	0	1	1	1	0	0	0	0	0	0	0	0	3
1:00	0	0	2	1	0	0	0	0	0	0	0	0	0	3
2:00	0	1	1	1	0	1	0	0	0	0	0	0	0	4
3:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
4:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
5:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2
6:00	0	4	7	8	3	0	0	0	0	0	0	0	0	22
7:00	0	4	37	37	28	5	3	0	0	0	0	0	0	114
8:00	1	5	18	31	22	7	4	1	0	0	0	0	0	89
9:00	1	2	10	20	10	7	2	0	0	0	0	0	0	52
10:00	2	6	19	23	21	6	0	0	0	0	0	0	0	77
11:00	1	3	24	33	19	3	3	0	0	0	0	0	0	86
12:00 PM	1	2	22	30	9	4	1	0	0	0	0	0	0	69
1:00	0	11	22	23	10	2	0	0	0	0	0	0	0	68
2:00	3	11	46	41	12	1	2	0	0	0	0	0	0	116
3:00	0	8	35	40	9	4	0	1	0	0	0	0	0	97
4:00	2	14	51	47	7	5	1	0	0	0	0	0	0	127
5:00	5	15	55	30	18	3	0	0	0	1	0	0	0	127
6:00	1	4	29	26	9	4	0	0	1	0	0	0	0	74
7:00	0	6	23	18	6	1	1	0	0	0	0	0	0	55
8:00	1	1	10	8	5	1	0	0	0	0	0	0	0	26
9:00	0	3	13	9	2	1	0	0	0	0	0	0	0	28
10:00	0	0	6	2	2	0	0	0	0	0	0	0	0	10
11:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	18	100	433	432	194	55	17	2	1	1	0	0	0	1253

Site Code: PIT02-EW-24B Station ID: Pitkin St east of Mathews

Comment 1: Comment 2: Serial Number: 33121

 $\begin{array}{c} 0.000000 \\ 0.000000 \end{array}$ 

Direction: Combined

Direction. Con	ibiliou													
2/22/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	0	0	2	0	0	0	0	0	0	0	0	0	2
1:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
2:00	0	0	1	1	3	0	0	0	0	0	0	0	0	5
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	1	0	0	1	0	1	0	0	0	0	0	0	3
5:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
6:00	0	6	7	6	1	1	0	0	0	0	0	0	0	21
7:00	4	7	48	40	31	11	2	0	0	0	0	0	0	143
8:00	1	3	29	27	21	10	2	2	0	0	0	0	0	95
9:00	2	8	19	29	14	4	0	0	0	0	0	0	0	76
10:00	0	3	12	16	9	3	0	1	0	0	0	0	0	44
11:00	1	6	20	23	10	4	0	1	0	0	0	0	0	65
12:00 PM	1	7	17	29	15	5	1	0	0	0	0	0	0	75
1:00	2	3	16	38	15	7	2	0	0	0	0	0	0	83
2:00	2	3	33	61	26	9	2	0	0	0	0	0	0	136
3:00	1	6	19	45	24	3	2	0	0	0	0	0	0	100
4:00	1	4	28	68	25	7	4	0	0	0	0	0	0	137
5:00	1	6	43	35	21	13	1	0	0	0	0	0	0	120
6:00	0	4	20	23	14	3	0	0	0	1	0	0	0	65
7:00	0	3	16	20	13	3	2	0	0	0	0	0	0	57
8:00	1	4	10	5	3	3	0	0	0	0	0	0	0	26
9:00	1	1	2	5	4	0	0	0	0	0	0	0	0	13
10:00	1	1	9	4	2	0	0	0	0	0	0	0	0	17
11:00	0	0	5	5	2	1	0	0	0	0	0	0	0	13
Total	19	77	355	483	255	87	19	4	0	1	0	0	0	1300

Site Code: PIT02-EW-24B

Station ID: Pitkin St east of Mathews Comment 1: Comment 2:

Serial Number: 33121

0.000000 0.000000

Direction: Combined

Stats

Direction: Com	binea													
2/23/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	2
1:00	0	0	0	2	2	0	0	0	0	0	0	0	0	4
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	1	0	1	0	0	0	0	0	0	0	2
5:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
6:00	0	2	3	6	3	1	1	0	0	0	0	0	0	16
7:00	0	3	22	43	21	18	2	0	0	0	0	0	0	109
8:00	1	3	15	23	20	11	3	1	0	0	0	0	0	77
9:00	1	1	18	24	17	5	1	2	0	0	0	0	0	69
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
12:00 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	0
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Total	2	10	58	100	65	36	7	3	0	0	0	0	0	281
Grand Total	47	217	1017	1165	571	189	44	9	2	3	0	1	0	3265

Speed 21 Mean Speed (Average) 27.2 10 MPH Pace Speed 21-30 Number in Pace 2140 Percent in Pace 67.0% Number > 25 MPH 1984 Percent > 25 MPH 60.8%

Percentile

15th

50th

25

85th

31

95th

36

## Appendix 3 Two-Year Post-Installation Speed Study

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: EASTBOUND

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Longitude: 0.000000

Direction: EAS	IBOUND													
10/7/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	*	*	*	*	*	*	*	*	*	*	*	*	*	0
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
11:00	0	11	52	13	0	0	0	0	0	0	0	0	0	76
12:00 PM	4	15	41	7	1	0	0	0	0	0	0	0	0	68
1:00	2	14	63	22	0	0	0	0	0	0	0	0	0	101
2:00	3	24	55	12	0	0	0	0	0	0	0	0	0	94
3:00	3	20	64	11	0	0	0	0	0	0	0	0	0	98
4:00	0			9	0	0	0	0	0	0	0	0	0	76
5:00	2	29	62	8	1	0	0	0	0	0	0	0	0	102
6:00	0	_	_	5	0	0	0	0	0	0	0	0	0	57
7:00	1	5	17	8	0	0	0	0	0	0	0	0	0	31
8:00	0	1	11	1	0	0	0	0	0	0	0	0	0	13
9:00	2	5	4	4	1	0	0	0	0	0	0	0	0	16
10:00	0	1	2	1	0	1	0	0	0	0	0	0	0	5
11:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	17		461	101	3	1	0						0	738

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 4:

Total

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Longitude: 0.000000

Direction: EASTBOUND 10/8/2024 0 - 15 > 15 -> 20 -> 25 -> 30 -> 35 -> 40 -> 45 -> 50 -> 55 -> 60 -> 65 -> 70 20 MPH 25 MPH 30 MPH 35 MPH 40 MPH 45 MPH 50 MPH 55 MPH 60 MPH 65 MPH 70 MPH MPH MPH Total Time 12:00 AM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 PM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: EASTBOUND

Comment 1: Comment 2:

Comment 3:

10/9/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	0	2	0	0	0	0	0	0	0	0	0	0	2
1:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2
2:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
3:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
4:00	0	0	3	1	0	0	0	0	0	0	0	0	0	4
5:00	0	8	7	1	0	0	0	0	0	0	0	0	0	16
6:00	3	29	38	11	1	0	0	0	0	0	0	0	0	82
7:00	0	17	42	_	0	0	0	0	0	0	0	0	0	64
8:00	1	16	30	8	1	0	0	0	0	0	0	0	0	56
9:00	3	19	26	11	0	0	0	0	0	0	0	0	0	59
10:00	3	18	28	_	1	0	0	0	0	0	0	0	0	58
11:00	5	23	47	11	1	0	0	0	0	0	0	0	0	87
12:00 PM	4	9	32	_	0	1	0	0	0	0	0	0	0	51
1:00	2	22	74		1	0	0	0	0	0	0	0	0	120
2:00	4	26	68	6		0	0	0	0	0	0	0	0	104
3:00	2	14	79	15		0	0	0	0	0	0	0	0	110
4:00	1	19	70	_	2	0	0	0	0	0	0	0	0	112
5:00	2	11	44	11	1	0	0	0	0	0	0	0	0	69
6:00	3	5	21	3	1	0	0	0	0	0	0	0	0	33
7:00	2	10	17	3	1	0	0	0	0	0	0	0	0	33
8:00	0	2	12	4	1	0	0	0	0	0	0	0	0	19
9:00	0	5	12	7	0	0	0	0	0	0	0	0	0	24
10:00	0	0	9	2	0	0	0	0	0	0	0	0	0	11
11:00	2	0	2	2		0	0	0	0	0	0	0	0	6
Total	37	255	664	157	11	1	0	0	0	0	0	0	0	1125

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3: Location 4:

Total

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Longitude: 0.000000

Direction: EASTBOUND 10/10/2024 0 - 15 > 15 -> 20 -> 25 -> 30 -> 35 -> 40 -> 45 -> 50 -> 55 -> 60 -> 65 -> 70 20 MPH 25 MPH 30 MPH 35 MPH 40 MPH 45 MPH 50 MPH 55 MPH 60 MPH 65 MPH 70 MPH MPH MPH Total Time 12:00 AM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 PM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 4:

Direction: EASTBOUND

Comment 1: Comment 2: Comment 3:

Comment 4: Latitude: 0.000000 Longitude: 0.000000

10/11/2024 0 - 15 > 15 -> 20 -> 25 -> 30 -> 35 -> 40 -> 45 -> 50 -> 55 -> 60 -> 65 -> 70 20 MPH 25 MPH 30 MPH 35 MPH 40 MPH 45 MPH 50 MPH 55 MPH 60 MPH 65 MPH 70 MPH MPH MPH Total Time 12:00 AM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 PM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 Total 

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3: Location 4:

Total

185

31

413

99

5

1

0

0

0

0

0

0

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Lucation 3.														0.000000
Location 4:		_										Lo	ongitude:	0.000000
Direction: EAS	TBOUND	)												
10/12/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	0	2	0	0	0	0	0	0	0	0	0	0	2
1:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
2:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
3:00	0	4	5	0	0	0	0	0	0	0	0	0	0	9
4:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
5:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
6:00	1	12	11	2	0	0	0	0	0	0	0	0	0	26
7:00	0	4	18	5	0	0	0	0	0	0	0	0	0	27
8:00	3	11	21	11	0	0	0	0	0	0	0	0	0	46
9:00	3	12	36	9	0	0	0	0	0	0	0	0	0	60
10:00	3	13	37	9	1	0	0	0	0	0	0	0	0	63
11:00	3	24	32	6	0	0	0	0	0	0	0	0	0	65
12:00 PM	6	25	42	3	0	0	0	0	0	0	0	0	0	76
1:00	0	10	26	7	0	0	0	0	0	0	0	0	0	43
2:00	0	8	21	4	1	0	0	0	0	0	0	0	0	34
3:00	3	8	35	6	2	0	0	0	0	0	0	0	0	54
4:00	6	21	34	13	0	0	0	0	0	0	0	0	0	74
5:00	1	11	28	8	0	0	0	0	0	0	0	0	0	48
6:00	0	6	16	7	0	0	0	0	0	0	0	0	0	29
7:00	1	4	13	2	1	0	0	0	0	0	0	0	0	21
8:00	0	2	12	1	0	0	0	0	0	0	0	0	0	15
9:00	1	3	11	2	0	1	0	0	0	0	0	0	0	18
10:00	0	2	4	1	0	0	0	0	0	0	0	0	0	7
11:00	0	0	3	1	0	0	0	0	0	0	0	0	0	4

734

0

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: EASTBOUND

Comment 1: Comment 2:

Comment 3:

211001101111 2710	0 0 . 12													
10/13/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	1	4	4	0	0	0	0	0	0	0	0	0	9
1:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
2:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2
3:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4:00	0	2	5	5	0	0	0	0	0	0	0	0	0	12
5:00	0	3	10	3	0	0	0	0	0	0	0	0	0	16
6:00	0	12	9	0	0	0	0	0	0	0	0	0	0	21
7:00	2	8	7	3	0	0	0	0	0	0	0	0	0	20
8:00	4	30	40	3	1	0	0	0	0	0	0	0	0	78
9:00	3	28	28	7	0	0	0	0	0	0	0	0	0	66
10:00	2	14	28	2	1	0	0	0	0	0	0	0	0	47
11:00	0	4	15	13	0	0	0	0	0	0	0	0	0	32
12:00 PM	3	7	19	8	0	0	0	0	0	0	0	0	0	37
1:00	0	9	23	7	0	0	0	0	0	0	0	0	0	39
2:00	1	9	23	4	0	0	0	0	0	0	0	0	0	37
3:00	1	7	22	3	0	0	0	0	0	0	0	0	0	33
4:00	0	24	35	4	0	0	0	0	0	0	0	0	0	63
5:00	0	6	24	4	1	0	0	0	0	0	0	0	0	35
6:00	0	3	21	6	0	0	0	0	0	0	0	0	0	30
7:00	3	3	17	1	0	0	0	0	0	0	0	0	0	24
8:00	2	5	10	3	0	0	0	0	0	0	0	0	0	20
9:00	0	2	4	2	0	0	0	0	0	0	0	0	0	8
10:00	0	0	3	0	0	0	0	0	0	0	0	0	0	3
11:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3_
Total	21	180	351	82	4	0	0	0	0	0	0	0	0	638

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3:

Location 4: Direction: EASTBOUND

Comment 1: Comment 2:

Comment 3: Comment 4:

Latitude: 0.000000 Longitude: 0.000000

Direction. EAS														
10/14/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH		70 MPH	MPH	Total
12:00 AM	0	0	1	1	0	0	0	0	0	0	0	0	0	2
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	1	0	0	0	1	0	0	0	0	0	0	0	2
4:00	1	0	2	0	0	0	0	0	0	0	0	0	0	3
5:00	0	4	7	2	0	0	0	0	0	0	0	0	0	13
6:00	1	19	44	14	0	0	0	0	0	0	0	0	0	78
7:00	1	17	43	8	0	0	0	0	0	0	0	0	0	69
8:00	1	14	34	4	0	0	0	0	0	0	0	0	0	53
9:00	1	18	31	10	0	0	0	0	0	0	0	0	0	60
10:00	4	. 8	38	6	0	0	0	0	0	0	0	0	0	56
11:00	0	17	56	13	0	0	0	0	0	0	0	0	0	86
12:00 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	0
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Total	9	98	256	58	0	1	0	0	0	0	0	0	0	422
Grand Total	214	1731	4194	945	39	10	0	0	0	0	0	0	0	7133
Ctata			مانده محدد	4 C1b	E 04h	0.546	۰۲۱							

Stats Percentile 15th 50th 85th 95th Speed 18 21 24 26

Mean Speed (Average) 22.2 10 MPH Pace Speed Number in Pace 16-25 5852 Percent in Pace 83.0% Number > 25 MPH 994 Percent > 25 MPH 13.9%

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3: Location 4:

Direction: WESTBOUND

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Longitude: 0.000000

10/7/2024 0 - 15 > 15 -> 20 -> 25 -> 30 -> 35 -> 40 -> 45 -> 50 -> 55 -> 60 -> 65 -> 70 20 MPH 25 MPH 30 MPH 35 MPH 40 MPH 45 MPH 50 MPH 55 MPH 60 MPH 65 MPH 70 MPH MPH MPH Total 12:00 AM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 PM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 Total 

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: WESTROUND

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Longitude: 0.000000

Dii	rection: WES	TBOUN	D												
	10/8/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
	Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
	12:00 AM	0	1	1	0	0	0	0	0	0	0	0	0	0	2
	1:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	2:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	3:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	4:00	0	0	2	2	0	0	0	0	0	0	0	0	0	4
	5:00	0	3	3	4	1	0	0	0	0	0	0	0	0	11
	6:00	2	13	41	30	3	1	0	0	0	0	0	0	0	90
	7:00	6	13	34	17	5	0	0	0	0	0	0	0	0	75
	8:00	3	10	26	15	2	0	0	0	0	0	0	0	0	56
	9:00	3	11	24	11	1	0	0	0	0	0	0	0	0	50
	10:00	6	9	25	22	7	0	0	0	0	0	0	0	0	69
	11:00	3	13	40	23	0	0	0	0	0	0	0	0	0	79
	12:00 PM	3	10	19	17	4	0	0	0	0	0	0	0	0	53
	1:00	4	12	30	24	3	0	0	0	0	0	0	0	0	73
	2:00	1	11	32	11	6	2	0	0	0	0	0	0	0	63
	3:00	1	22	36	26	7	0	0	0	0	0	0	0	0	92
	4:00	3	29	42	32	6	0	0	0	0	0	0	0	0	112
	5:00	2	3	20	12	3	1	0	0	0	0	0	0	0	41
	6:00	2	3	14	7	2	0	0	0	0	0	0	0	0	28
	7:00	0	25	33	14	2	0	0	0	0	0	0	0	0	74
	8:00	0	6	12	2	5	0	0	0	0	0	0	0	0	25
	9:00	0	1	5	6	0	0	0	0	0	0	0	0	0	12
	10:00	0	1	1	3	0	0	0	0	0	0	0	0	0	5
	11:00	0		1	0	0	0	0	0	0	0	0	0	0	2
	Total	40	197	441	280	57	4	0	0	0	0	0	0	0	1019

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3: Location 4:

Total

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000 Longitude: 0.000000

Direction: WESTBOUND 10/9/2024 0 - 15 > 15 -> 20 -> 25 -> 30 -> 35 -> 40 -> 45 -> 50 -> 55 -> 60 -> 65 -> 70 20 MPH 25 MPH 30 MPH 35 MPH 40 MPH 45 MPH 50 MPH 55 MPH 60 MPH 65 MPH 70 MPH MPH MPH Total Time 12:00 AM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 PM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: WESTROUND

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Longitude: 0.000000

Direction: WES	STBOUN	D												
10/10/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	0	2	2	0	0	0	0	0	0	0	0	0	4
1:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
2:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
4:00	0	0	2	1	0	0	0	0	0	0	0	0	0	3
5:00	1	2	3	6	3	0	0	0	0	0	0	0	0	15
6:00	1	12	36	21	7	1	0	0	0	0	0	0	0	78
7:00	3	7	16	22	2	1	0	0	0	0	0	0	0	51
8:00	4	9	24	17	2	0	0	0	0	0	0	0	0	56
9:00	1	9	28	15	3	0	0	0	0	0	0	0	0	56
10:00	4	11	30	16	7	0	0	0	0	0	0	0	0	68
11:00	5	7	30	22	1	1	0	0	0	0	0	0	0	66
12:00 PM	3	6	20	18	2	0	0	0	0	0	0	0	0	49
1:00	4	7	23	27	11	0	0	0	0	0	0	0	0	72
2:00	1	12	29	28	3	1	0	0	0	0	0	0	0	74
3:00	2	10	35	22	3	0	0	0	0	0	0	0	0	72
4:00	1	10	28	17	2	0	0	0	0	0	0	0	0	58
5:00	1	7	18	14	3	2	0	0	0	0	0	0	0	45
6:00	2	7	18	6	2	1	0	0	0	0	0	0	0	36
7:00	2	5	20	10	0	0	0	0	0	0	0	0	0	37
8:00	2	12	25	6	1	0	0	0	0	0	0	0	0	46
9:00	0	17	21	5	0	0	0	0	0	0	0	0	0	43
10:00	0	1	1	2	0	0	0	0	0	0	0	0	0	4
11:00	0		6	1	2	0	0	0	0	0	0	0	0	9
Total	38	152	417	278	54	7	0	0	0	0	0	0	0	946

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3: Location 4:

2:00

3:00

4:00

5:00

6:00

7:00

8:00

9:00

10:00

11:00

Total

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Longitude: 0.000000 Direction: WESTBOUND 10/11/2024 0 - 15 > 15 -> 20 -> 25 -> 30 -> 35 -> 40 -> 45 -> 50 -> 55 -> 60 -> 65 -> 70 20 MPH 25 MPH 30 MPH 35 MPH 40 MPH 45 MPH 50 MPH 55 MPH 60 MPH 65 MPH 70 MPH MPH MPH Total Time 12:00 AM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 PM 1:00 

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:

Comment 1: Comment 2: Comment 3:

Direction: WES	TBOUN	D												
10/12/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	1	1	1	0	0	0	0	0	0	0	0	0	3
3:00	1	2	5	1	0	0	0	0	0	0	0	0	0	9
4:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
5:00	0	1	1	1	1	0	0	0	0	0	0	0	0	4
6:00	1	1	2	6	1	0	0	0	0	0	0	0	0	11
7:00	0	2	13	9	1	0	0	0	0	0	0	0	0	25
8:00	0	11	22	9	2	1	0	0	0	0	0	0	0	45
9:00	1	8	13	12	1	0	0	0	0	0	0	0	0	35
10:00	6	7	27	13	3	0	0	0	0	0	0	0	0	56
11:00	5	20	40	32	5	0	0	0	0	0	0	0	0	102
12:00 PM	2	12	20	19	4	0	0	0	0	0	0	0	0	57
1:00	2	7	20	9	3	0	0	0	0	0	0	0	0	41
2:00	3	7	32	12	2	0	0	0	0	0	0	0	0	56
3:00	7	3	18	10	3	0	0	0	0	0	0	0	0	41
4:00	1	11	32	9	1	0	0	0	0	0	0	0	0	54
5:00	1	14	23	7	1	0	0	0	0	0	0	0	0	46
6:00	0	1	13	7	1	0	0	0	0	0	0	0	0	22
7:00	0	0	5	3	1	0	0	0	0	0	0	0	0	9
8:00	0	3	5	4	1	0	0	0	0	0	0	0	0	13
9:00	0	0	2	4	0	0	0	0	0	0	0	0	0	6
10:00	0	1	1	3	0	0	0	0	0	0	0	0	0	5
11:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
Total	31	113	297	172	31	1	0	0	0	0	0	0	0	645

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: WESTBOUND

Comment 1: Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Longitude: 0.000000

Time	0 - 15 MPH	> 15 - 20 MPH	> 20 -	> 25 -	> 30 -	> 35 -	40	4-				~-	70	
	MPH	JU MIDH					> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
		20 IVIFIT	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	1	2	0	1	0	0	0	0	0	0	0	0	4
1:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
5:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
6:00	0	2	5	3	1	0	0	0	0	0	0	0	0	11
7:00	0	3	10	7	1	0	1	0	0	0	0	0	0	22
8:00	4	12	19	8	0	0	0	0	0	0	0	0	0	43
9:00	2	13	25	10	2	0	0	0	0	0	0	0	0	52
10:00	3	10	37	13	1	0	0	0	0	0	0	0	0	64
11:00	5	19	29	13	2	0	0	0	0	0	0	0	0	68
12:00 PM	5	7	14	11	1	0	0	0	0	0	0	0	0	38
1:00	0	2	11	11	4	0	0	0	0	0	0	0	0	28
2:00	1	7	16	11	5	0	0	0	0	0	0	0	0	40
3:00	1	2	14	6	1	0	0	0	0	0	0	0	0	24
4:00	0	3	9	7	1	0	0	0	0	0	0	0	0	20
5:00	1	5	16	1	2	0	0	0	0	0	0	0	0	25
6:00	0	3	12	9	0	0	0	0	0	0	0	0	0	24
7:00	2	10	29	11	1	0	0	0	0	0	0	0	0	53
8:00	0	1	5	3	0	0	0	0	0	0	0	0	0	9
9:00	0	3	4	0	0	0	0	0	0	0	0	0	0	7
10:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
11:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total	24	103	263	126	23	0	1	0	0	0	0	0	0	540

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3: Location 4:

Direction: WESTBOUND

Stats

Comment 1: Comment 2:

Comment 3: Comment 4:

Latitude: 0.000000 Longitude: 0.000000

Direction: WEC	7100011													
10/14/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	0	3	0	0	0	0	0	0	0	0	0	0	3
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
5:00	0	4	4	4	0	0	0	0	0	0	0	0	0	12
6:00	4	12	39	27	2	1	0	0	0	0	0	0	0	85
7:00	4	7	22	22	2	0	0	0	0	0	0	0	0	57
8:00	4	13	20	16	1	0	0	0	0	0	0	0	0	54
9:00	1	10	16	17	1	1	0	0	0	0	0	0	0	46
10:00	1	9	31	17	1	0	0	0	0	0	0	0	0	59
11:00	2	22	33	16	2	0	0	0	0	0	0	0	0	75
12:00 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	0
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Total	16	77	169	120	9	2	0	0	0	0	0	0	0	393
Grand Total	300	1139	2748	1726	281	22	1	0	0	0	0	0	0	6217

95th

29

Percentile 15th 50th 85th Speed 18 22 26 Mean Speed (Average) 23.4

| 23.4 | 10 MPH Pace Speed | 21-30 | 21-30 | | 10 MPH Pace Speed | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-30 | 21-

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: Combined

Comment 1: Comment 2: Comment 3:

10/7/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
 12:00 AM	*	*	*	*	*	*	*	*	*	*	*	*	*	0
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
11:00	0	20	81	28	1	0	0	0	0	0	0	0	0	130
12:00 PM	8	24	68	19	2	1	0	0	0	0	0	0	0	122
1:00	4	23	92	49	2	0	0	0	0	0	0	0	0	170
2:00	3	37	90	38	5	0	0	0	0	0	0	0	0	173
3:00	4	30	92	33	2	0	0	0	0	0	0	0	0	161
4:00	1	25	77	25	3	0	0	0	0	0	0	0	0	131
5:00	22	46	88	21	4	0	0	0	0	0	0	0	0	181
6:00	0	15	52	14	0	0	0	0	0	0	0	0	0	81
7:00	2	14	36	16	3	0	0	0	0	0	0	0	0	71
8:00	3	14	41	14	0	0	0	0	0	0	0	0	0	72
9:00	2	7	4	4	1	0	0	0	0	0	0	0	0	18
10:00	0	2	4	1	0	1	0	0	0	0	0	0	0	8
11:00	0	0	3	0	0	0	0			0	0	0	0	3
 Total	49	257	728	262	23	2	0	0	0	0	0	0	0	1321

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3: Location 4:

Total

Comment 1: Comment 2: Comment 3:

Comment 4: Latitude: 0.000000 Longitude: 0.000000

Direction: Combined 10/8/2024 0 - 15 > 15 -> 20 -> 25 -> 30 -> 35 -> 40 -> 45 -> 50 -> 55 -> 60 -> 65 -> 70 20 MPH 25 MPH 30 MPH 35 MPH 40 MPH 45 MPH 50 MPH 55 MPH 60 MPH 65 MPH 70 MPH MPH MPH Total Time 12:00 AM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 PM 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: Combined

Comment 1: Comment 2: Comment 3:

Direction: Com	ibined													
10/9/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	1	1	3	0	0	0	0	0	0	0	0	0	0	5
1:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2
2:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
3:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
4:00	0	0	7	3	0	0	0	0	0	0	0	0	0	10
5:00	0	10	10	8	0	0	0	0	0	0	0	0	0	28
6:00	6	39	72	43	5	0	0	0	0	0	0	0	0	165
7:00	5	23	67	22	3	1	0	0	0	0	0	0	0	121
8:00	7	23	54	28	3	0	0	0	0	0	0	0	0	115
9:00	3	30	43	35	2	0	0	0	0	0	0	0	0	113
10:00	10	27	55	26	2	0	0	0	0	0	0	0	0	120
11:00	8	36	92	29	4	0	0	0	0	0	0	0	0	169
12:00 PM	10	19	59	21	8	2	0	0	0	0	0	0	0	119
1:00	7	34	114	52	6	0	0	0	0	0	0	0	0	213
2:00	6	36	103	22	6	0	0	0	0	0	0	0	0	173
3:00	5	34	119	45	4	0	0	0	0	0	0	0	0	207
4:00	5	29	106	40	8	0	0	0	0	0	0	0	0	188
5:00	7	28	68	18	3	0	0	0	0	0	0	0	0	124
6:00	3	10	47	14	4	0	0	0	0	0	0	0	0	78
7:00	3	13	36	11	1	0	0	0	0	0	0	0	0	64
8:00	0	4	24	8	1	0	0	0	0	0	0	0	0	37
9:00	1	11	23	13	1	0	0	0	0	0	0	0	0	49
10:00	0	0	10	6	1	0	0	0	0	0	0	0	0	17
11:00	2	2	3	3	2	0	0	0	0	0	0	0	0	12
Total	89	411	1118	449	64	3	0	0	0	0	0	0	0	2134

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4: Direction: Combined

Comment 1: Comment 2: Comment 3:

Direction: Co	mbinea													
10/10/202	4 0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	e MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AN	<i>I</i> 0	0	2	3	0	0	0	0	0	0	0	0	0	5
1:00	0 0	0	2	0	0	0	0	0	0	0	0	0	0	2
2:00	) 1	1	0	0	0	0	0	0	0	0	0	0	0	2
3:00	0 0	2	2	0	0	0	0	0	0	0	0	0	0	4
4:00	0 0	0	6	3	0	0	0	0	0	0	0	0	0	9
5:00	) 3	3	11	7	3	0	0	0	0	0	0	0	0	27
6:0	) 1	26	81	31	7	1	0	0	0	0	0	0	0	147
7:00	) 3	22	54	29	2	1	0	0	0	0	0	0	0	111
8:00	) 5	19	62	28	2	0	0	0	0	0	0	0	0	116
9:00	) 5	19	62	23	3	0	0	0	0	0	0	0	0	112
10:00	) 4	. 18	57	27	7	0	0	0	0	0	0	0	0	113
11:00	0 6	16	85	34	1	1	0	0	0	0	0	0	0	143
12:00 PN	Л 3	14	59	28	4	0	0	0	0	0	0	0	0	108
1:00	) 5	13	69	50	11	0	0	0	0	0	0	0	0	148
2:00	) 4	27	77	48	3	1	0	0	0	0	0	0	0	160
3:00	) 2	22	88	32	5	0	0	0	0	0	0	0	0	149
4:00	) 4	28	89	26	3	0	0	0	0	0	0	0	0	150
5:00	) 7	26	73	24	3	3	0	0	0	0	0	0	0	136
6:0	) 4	. 37	68	15	2	1	0	0	0	0	0	0	0	127
7:00	) 3	8	41	19	2	0	0	0	0	0	0	0	0	73
8:00	) 4	. 18	40	10	2	0	0	0	0	0	0	0	0	74
9:00	0 0	20	34	9	0	0	0	0	0	0	0	0	0	63
10:00	) 1	4	10	5	0	0	0	0	0	0	0	0	0	20
11:00	0 0	1	9	2	2	0	0	0	0	0	0	0	0	14
Tota	ıl 65	344	1081	453	62	8	0	0	0	0	0	0	0	2013

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: Combined

Comment 1: Comment 2: Comment 3:

Direction: Com	nbined													
10/11/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	1	2	4	1	0	0	0	0	0	0	0	0	0	8
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	1	0	1	1	0	0	0	0	0	0	0	3
3:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4:00	0	3	2	2	0	0	0	0	0	0	0	0	0	7
5:00	1	7	10	11	0	1	0	0	0	0	0	0	0	30
6:00	4	41	71	38	6	0	0	0	0	0	0	0	0	160
7:00	10	27	60	27	3	0	0	0	0	0	0	0	0	127
8:00	4	36	47	30	1	1	0	0	0	0	0	0	0	119
9:00	3	24	61	23	2	2	0	0	0	0	0	0	0	115
10:00	2	26	61	27	3	0	0	0	0	0	0	0	0	119
11:00	2	33	63	21	4	0	0	0	0	0	0	0	0	123
12:00 PM	9	26	52	25	0	0	0	0	0	0	0	0	0	112
1:00	4	31	94	53	3	0	0	0	0	0	0	0	0	185
2:00	4	42	102	30	3	1	0	0	0	0	0	0	0	182
3:00	10	50	120	26	2	1	0	0	0	0	0	0	0	209
4:00	6	59	108	36	3	1	0	0	0	0	0	0	0	213
5:00	16	107	97	21	1	0	0	0	0	0	0	0	0	242
6:00	6	27	63	16	3	1	0	0	0	0	0	0	0	116
7:00	20	56	74	10	1	0	0	0	0	0	0	0	0	161
8:00	1	13	30	11	0	0	0	0	0	0	0	0	0	55
9:00	1	7	22	5	1	0	0	0	0	0	0	0	0	36
10:00	2	5	9	3	0	0	0	0	0	0	0	0	0	19
11:00	0	4	10	5	1	0	0	0	0	0	0	0	0	20
Total	106	627	1161	421	38	9	0	0	0	0	0	0	0	2362

Site Code: PIT02-EW-24 Station ID:

Location 1: Pitkin St Location 2: between Mathews and Remington

Comment 4: Latitude: 0.000000 Location 3: Location 4:
Direction: Combined Longitude: 0.000000

10/12/2024 0 - 15 > 15 - > 20 - > 25 - > 30 - > 35 - > 40 Time MPH 20 MPH 25 MPH 30 MPH 35 MPH 40 MPH 45 MF 12:00 AM 0 0 3 0 0	PH 50 MPH		> 55 - 60 MPH	> 60 - 65 MPH	> 65 - 70 MPH	> 70 MPH	
				65 MPH	70 MPH	MDH	
12:00 AM 0 0 3 0 0	0 0	0 0	0			IVIFII	Total
	0 0		U	0	0	0	3
1:00 0 0 1 1 0 0		0 0	0	0	0	0	2
2:00 0 1 2 2 0 0	0 0	0 0	0	0	0	0	5
3:00 1 6 10 1 0 0	0 0	0 0	0	0	0	0	18
4:00 1 2 2 0 0 0	0 0	0 0	0	0	0	0	5
5:00 0 5 3 1 1 0	0 0	0 0	0	0	0	0	10
6:00 2 13 13 8 1 0	0 0	0 0	0	0	0	0	37
7:00 0 6 31 14 1 0	0 0	0 0	0	0	0	0	52
8:00 3 22 43 20 2 1	0 0	0 0	0	0	0	0	91
9:00 4 20 49 21 1 0	0 0	0 0	0	0	0	0	95
10:00 9 20 64 22 4 0	0 0	0 0	0	0	0	0	119
11:00 8 44 72 38 5 0	0 0	0 0	0	0	0	0	167
12:00 PM 8 37 62 22 4 0	0 0	0 0	0	0	0	0	133
1:00 2 17 46 16 3 0	0 0	0 0	0	0	0	0	84
2:00 3 15 53 16 3 0	0 0	0 0	0	0	0	0	90
3:00 10 11 53 16 5 0	0 0	0 0	0	0	0	0	95
4:00 7 32 66 22 1 0	0 0	0 0	0	0	0	0	128
5:00 2 25 51 15 1 0	0 0	0 0	0	0	0	0	94
6:00 0 7 29 14 1 0	0 0	0 0	0	0	0	0	51
7:00 1 4 18 5 2 0	0 0	0 0	0	0	0	0	30
8:00 0 5 17 5 1 0	0 0	0 0	0	0	0	0	28
9:00 1 3 13 6 0 1	0 0	0 0	0	0	0	0	24
10:00 0 3 5 4 0 0	0 0	0 0	0	0	0	0	12
11:00 0 0 4 2 0 0	0 0	0 0	0	0	0	0	6
Total 62 298 710 271 36 2	0 (	0 0	0	0	0	0	1379

Comment 1: Comment 2:

Comment 3:

Site Code: PIT02-EW-24

Station ID:

11:00

Total

Location 1: Pitkin St Location 2: between Mathews and Remington

Location 3: Location 4:

Direction: C	Combined													Ū	
10/13/20	24 0 - 1	5 :	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Tir		1 2	0 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 A		0	2	6	4	1	0	0	0	0	0	0	0	0	13
1:	00	0	1	3	0	0	0	0	0	0	0	0	0	0	4
	00	0	0	1	0	1	0	0	0	0	0	0	0	0	2
	00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4:	00	0	2	5	6	0	0	0	0	0	0	0	0	0	13
5:	00	0	3	11	3	0	0	0	0	0	0	0	0	0	17
6:	00	0	14	14	3	1	0	0	0	0	0	0	0	0	32
	00	2	11	17	10	1	0	1	0	0	0	0	0	0	42
	00	8	42	59	11	1	0	0	0	0	0	0	0	0	121
9:	00	5	41	53	17	2	0	0	0	0	0	0	0	0	118
10:		5	24	65	15	2	0	0	0	0	0	0	0	0	111
11:		5	23	44	26	2	0	0	0	0	0	0	0	0	100
12:00 F	PM	8	14	33	19	1	0	0	0	0	0	0	0	0	75
	00	0	11	34	18	4	0	0	0	0	0	0	0	0	67
	00	2	16	39	15	5	0	0	0	0	0	0	0	0	77
3:	00	2	9	36	9	1	0	0	0	0	0	0	0	0	57
4:	00	0	27	44	11	1	0	0	0	0	0	0	0	0	83
5:	00	1	11	40	5	3	0	0	0	0	0	0	0	0	60
6:	00	0	6	33	15	0	0	0	0	0	0	0	0	0	54
7:	00	5	13	46	12	1	0	0	0	0	0	0	0	0	77
8:	00	2	6	15	6	0	0	0	0	0	0	0	0	0	29
	00	0	5	8	2	0	0	0	0	0	0	0	0	0	15
10:	00	0	0	4	1	0	0	0	0	0	0	0	0	0	5

Comment 1:

Comment 2:

Comment 3: Comment 4: Latitude: 0.000000

Longitude: 0.000000

Site Code: PIT02-EW-24

Station ID:

Location 1: Pitkin St

Location 2: between Mathews and Remington

Location 3:

Location 4:
Direction: Combined

Comment 1: Comment 2: Comment 3:

Comment 4: Latitude: 0.000000 Longitude: 0.000000

Direction: Com	bined													
10/14/2024	0 - 15	> 15 -	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70	
Time	MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	MPH	Total
12:00 AM	0	0	4	1	0	0	0	0	0	0	0	0	0	5
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	1	0	0	0	1	0	0	0	0	0	0	0	2
4:00	1	0	3	1	0	0	0	0	0	0	0	0	0	5
5:00	0	8	11	6	0	0	0	0	0	0	0	0	0	25
6:00	5	31	83	41	2	1	0	0	0	0	0	0	0	163
7:00	5	24	65	30	2	0	0	0	0	0	0	0	0	126
8:00	5	27	54	20	1	0	0	0	0	0	0	0	0	107
9:00	2	28	47	27	1	1	0	0	0	0	0	0	0	106
10:00	5	17	69	23	1	0	0	0	0	0	0	0	0	115
11:00	2	39	89	29	2	0	0	0	0	0	0	0	0	161
12:00 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	0
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Total	25	175	425	178	9	3	0	0	0	0	0	0	0	815
Grand Total	514	2870	6942	2671	320	32	1	0	0	0	0	0	0	13350
Stats		F	Percentile	15th	50th	85th	95th							

25

27

Speed 18 21 Mean Speed (Average) 22.7 18-27

10 MPH Pace Speed Number in Pace 9913 Percent in Pace 75.0% Number > 25 MPH 3024 Percent > 25 MPH 22.7%