E. PITKIN ST. ADVISORY LANES PROJECT
SEMI-ANNUAL PROGRESS REPORT #2 (FEBRUARY 2023)

Contents

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 report summarizes data collected and public outreach conducted thus far.

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 both the pre-installation period and the post-installation period. Tables 1 and 2 show the recorded traffic volume. Additional volume study data can be found in Appendix A.

Table 1. Pre-Installation ADT volumes

Date	Time range	Eastbound	Westbound	Combined
10/6/2021	11 am - 11 pm	585	458	1043
10/7/2021	Full day	841	700	1541
10/8/2021	12 am - 9 am	176	197	373

Table 2. Post-Installation ADT volumes and percent change in volume as compared to pre-installation traffic volume.

Date	Time range	Eastbound	Westbound	Combined	Percent decrease
10/31/2022	11 am - 11 pm	315	355	670	36%
11/1/2022	Full day	446	497	943	39%
11/2/2022	12 am - 9 am	116	88	204	45%

A traffic video recorder was used to record street and sidewalk activity before and after the project completion. The video recorder was installed on the south side of E. Pitkin St. between Peterson St. and Whedbee St. Pre-installation surveillance data was collected on Thursday, October 15th, 2022 through Saturday, October 17th, 2022.

Post-installation surveillance data was collected on Sunday, December 4th, 2022 through Tuesday, December 6th, 2022. Video footage was analyzed for the time periods of 7-9 AM, 12-2 PM, and 3-5 PM for both the pre-installation time period and the post-installation time period.

Both the traffic study volumes (Tables 1 and 2) and the video surveillance data (Table 3) indicate a moderate decrease in the vehicular traffic and a significant decrease in active modes of transportation in the study area. Table 4 below highlights this data. There are a few factors that may have contributed to this result:

1. Time of year: The first round of camera counts were 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.
2. Weather: The mean daily high temperature for the pre-installation camera surveillance period was 77° F, with a range of 74° – 81° F. The mean daily high temperature for the post-installation camera surveillance period was 43° F, with a range of 32° – 53° F.
3. Altered travel habits: The study area was under construction for a period of over 4 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 a lasting effect on people's daily commuting habits.

Table 3: Volume count comparison pre-installation and post-installation.

Video Evaluation Period	Cars	Bikes	Peds	Scooters	Other modes
Pre-Installation	1,314	197	177	15	13
Post-Installation	1,092	106	164	1	2
Pct decrease	17%	46%	7%	93%	85%

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

	Pre-Installation	Post-Installation
Number of cars westbound	648	539
Number of cars eastbound	666	553
Number of bikes westbound	112	56
Number of bike eastbound	85	50
Wrong way bikes	2	0
Bikes on sidewalk	2	0
Number of peds on north side	92	110
Number of peds on south side	85	54
Number of scooters westbound	7	1
Number of scooters eastbound	8	0
Other modes westbound	6	2
Other modes eastbound	7	0

Table 5: Video surveillance data observations on vehicles crossing into bike lanes.

Number of Cars Crossing into Bike Lane	Number	Percent
Westbound, no obvious passing*	221	41%
Westbound, while passing oncoming traffic**	89	17%
Eastbound, no obvious passing	2	0%
Eastbound, while passing oncoming traffic	1	0%

*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.

**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.

Video observations showed that out of the 100 bicyclists observed in the street, 6 were observed riding in the center lane. No traffic was present during any of these 6 observations.

Two bicyclists were observed on the sidewalk in the pre-installation video surveillance; one was walking their bike. In the post-video surveillance, five people were observed riding bicycles on the sidewalk. Out of the five people, 3 were children.

No conflicts were observed between any of the travel modes (bicycling, driving, walking, skateboarding, and scootering) in either the pre-installation nor the post-installation video surveillance. Drivers in both the pre-installation video and the post-installation video 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.

As shown in Table 5, 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. 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.

Another possibility is that the drivers were actually 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 Lane, 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. No crashes were identified on E. Pitkin St. from Remington St. to Smith St within the past five years. One crash was identified three and a half blocks east of the project corridor at Newsom St. and E. Pitkin St. in May of 2018, involving a car with a "careless driver" and a bicyclist heading into traffic in the wrong direction.

Since the reopening of the study area, there have been no reported crashes in this area.

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 7th, 2021, and the post-project speed study was conducted from Monday, October 31th, 2022 through Wednesday, November 2nd, 2022.

As shown in Table 6, the average speed remained about the same before and after the project installation, but there was a 6% reduction in the percentage of vehicles exceeding the speed limit in the study area.

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

	Pre-Installation	Post-Installation
Average Speed	26.8	26.7
Number >25 MPH	1,032	1,140
Percent >25 MPH	67.30%	61.10%

PUBLIC ENGAGEMENT SURVEY

An online survey was developed to assess travel experience and comfort levels on E. Pitkin St. before and after the advisory bike lane installation. The survey was distributed using the following methods:

- posted on the project website at https://www.fcgov.com/fcmoves/east-pitkin-street,
- distributed via email to community members who signed up on the project website to receive updates about the project,
- included in a press release notifying the public of the upcoming utilities work and road closures,
- shared via QR code on a flyer at a pop-up educational event,
- included in FC Moves' *Momentum* e-newsletter, and
- Sent out to local schools, including Lesher Middle School, O'Dea Elementary School, Harris Bilingual Immersion School, and CSU University Center for the Arts.

A total of 77 responses were received from the pre-installation survey, between the dates of February 1, 2022, through April 21, 2022. There were 75 responses to the English version of the survey and 2 responses to the Spanish version.

A total of 51 responses were received from the post-installation survey. These responses were received between the dates of November 3rd and December 16, 2022.

Survey participants were asked to indicate what modes of transportation they used in the study area, what their level of comfort was using various modes of transportation in the study area (Figures 1-4), and they were asked to share any conflicts that they experienced in the study area (Figure 5). Data trends do not indicate a significant shift in comfort levels for any modes of travel.

Figures 1-4: Survey responses to the question "What is your comfort level using the following different transportation modes on East Pitkin Street?"

Figure 1.

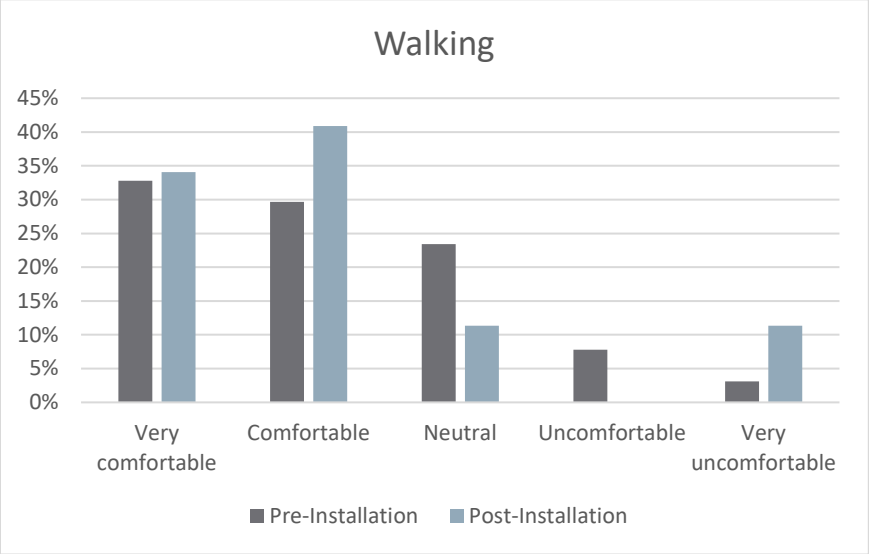


Figure 2.

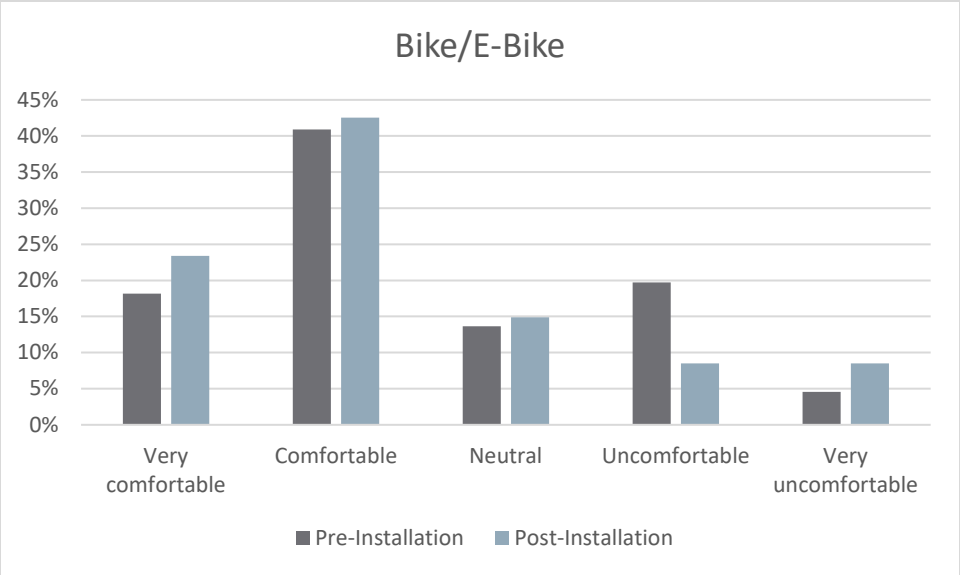


Figure 3.

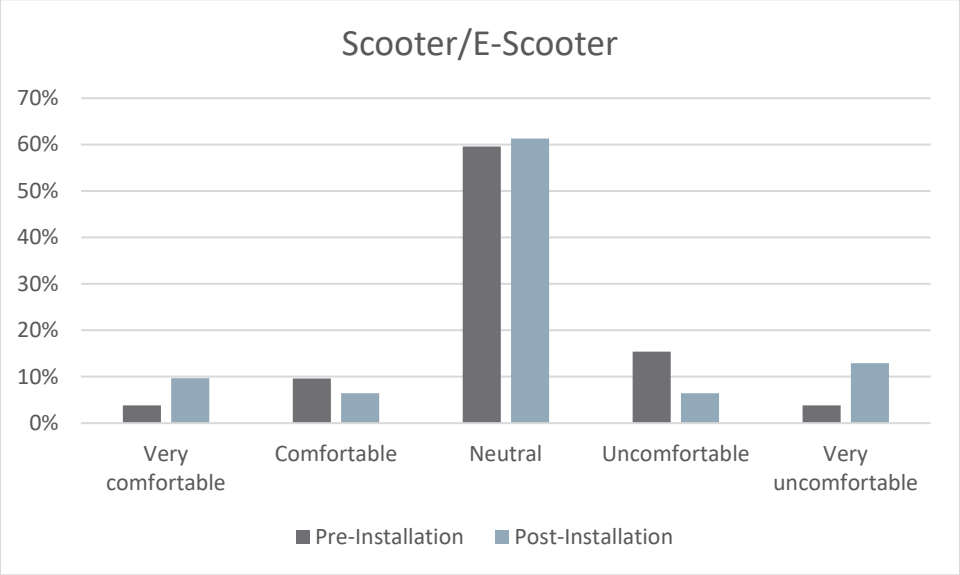
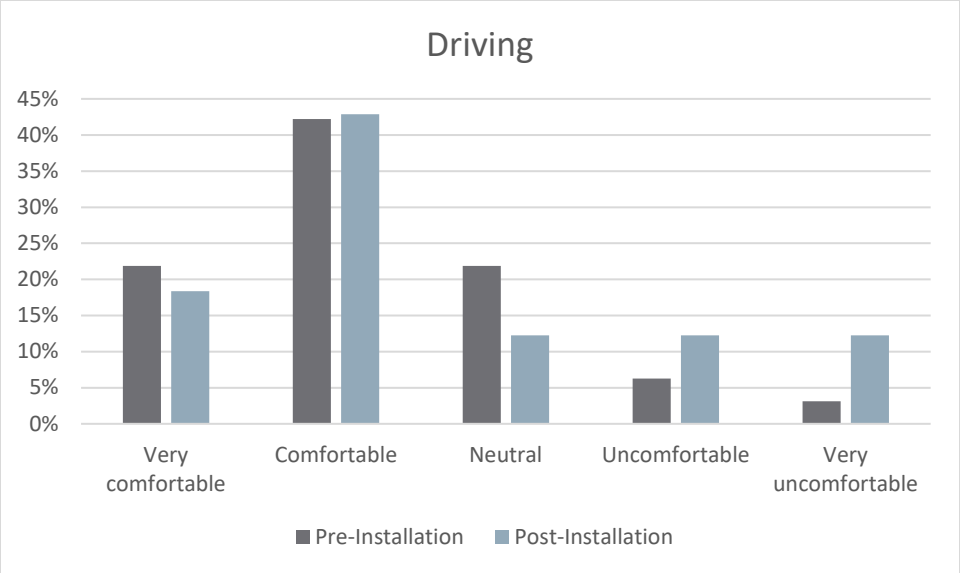


Figure 4.



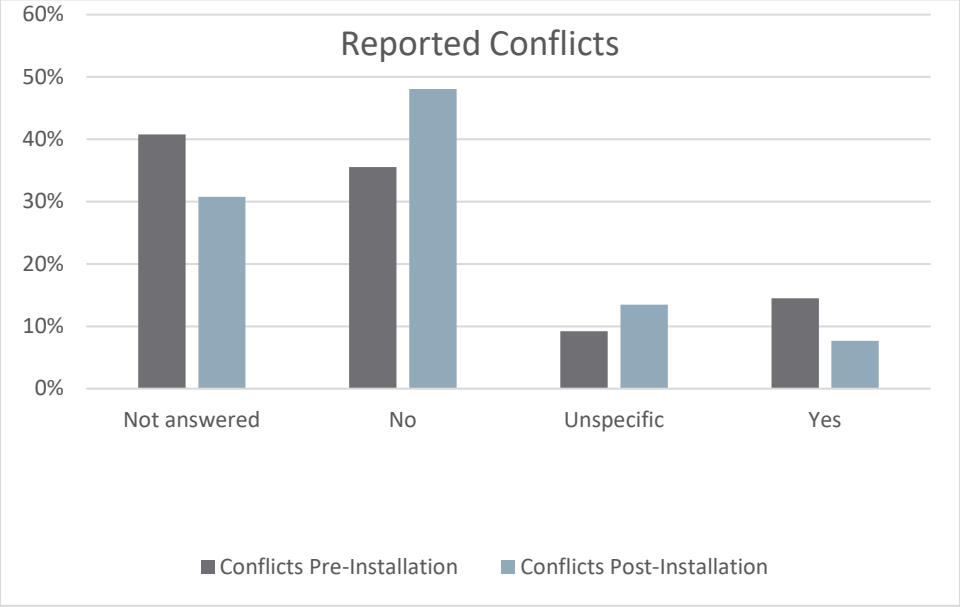
When asked the question, "Have you experienced any conflicts with other road users while traveling on East Pitkin Street since the addition of the advisory bike lanes? If so, please describe.", five survey respondents reported conflicts within the study area (Figure 5). These conflicts were reported as follows:

- "Yes. Several. I almost got into an accident on this road last week. While driving East on Pitkin, a guy in a massive truck going West forced me to leave the printed vehicle lane and pull off into the bike lane/sidewalk area. I had to come to a complete stop to avoid a collision. The truck came over to my

side of Pitkin to pass a bicyclist traveling on THEIR SIDE of Pitkin, which is the exact opposite of the signage instructions. The bicyclist and I were both freaked out by the scenario."

- "Motorists seem unsure of how to navigate Pitkin now."
- "A little posturing in terms of how much space a car takes up when another one is approaching from the other direction."
- "Yes. Drivers seem very confused by the lack of a center line. I foresee it being an even bigger issue in the winter."
- "Yes, other drivers attempting to stay within center lane and not understanding that they must move to outer edges to allow other vehicles to use lane in shared manner."

Figure 5: Reported conflicts in the study area as reported through the Pitkin surveys.

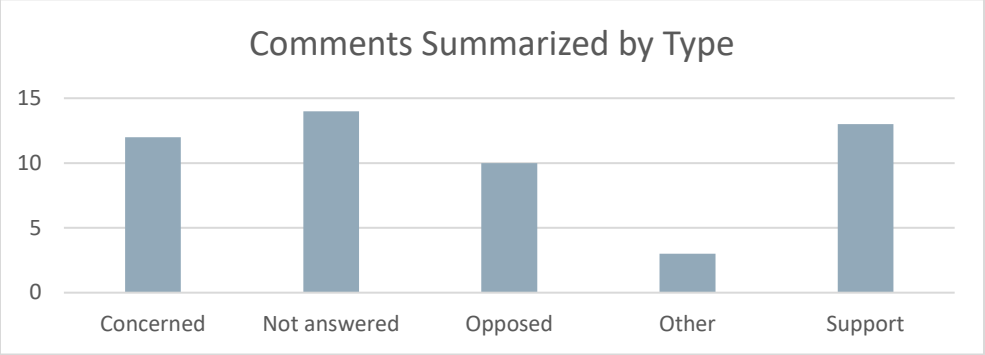


Post-installation survey respondents were asked the question "What other feedback do you have for us related to the East Pitkin Street advisory bike lanes?". The responses were categorized into comments of general concern, comments in support of the advisory bike lanes, comments in opposition of the advisory bike lanes, and the category "other" for responses that were unrelated. As can be seen in Figure 6, the largest response indicated concern. The second highest category indicated overall support of the project.

Unrelated comments included the following responses:

- "I'm glad that the paving projects in that area are finally finished."
- "Remove parking."
- "More time is needed to make a good assessment of the new alignment."

Figure 6. Post-installation comment types



PUBLIC OUTREACH

The City of Fort Collins has raised awareness about the E. Pitkin St. advisory bike lanes using the following outreach strategies in coordination with the Utilities and Streets departments:

- public website,
- presentations,
- neighborhood meetings,
- postcard mailers,
- pop-up educational events,
- press release,
- *Momentum* e-newsletter,
- stakeholder meetings,
- e-mail updates,
- videos,
- targeted communications to nearby schools,
- bilingual educational materials,
- outreach to local driver's education programs

Website

The following website was created as a way to inform the public about the upcoming changes on E. Pitkin St.: https://www.fcgov.com/fcmoves/east-pitkin-street

The website currently contains the following information related to the project:

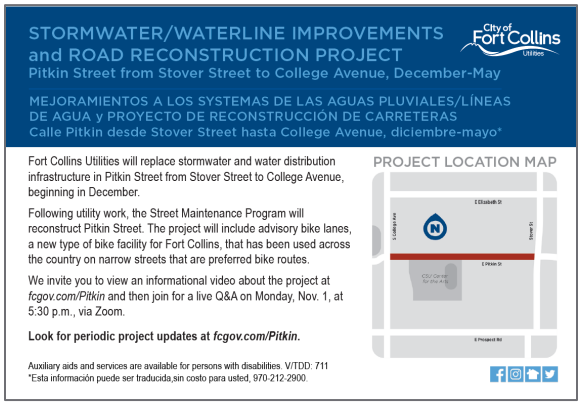
- A link to sign up for regular email updates related to the project,
- A link to the survey soliciting input from the public regarding their experience travelling along E. Pitkin St. following the project,
- The project overview, including video content and a link to the Bicycle Master Plan,
- Videos explaining the project and how to share the road on a street with advisory bike lanes,
- A map of the project area,
- A definition of advisory bike lanes with additional resource links,
- Parking information for those affected by construction-related street closures, and
- Contact information for the project managers

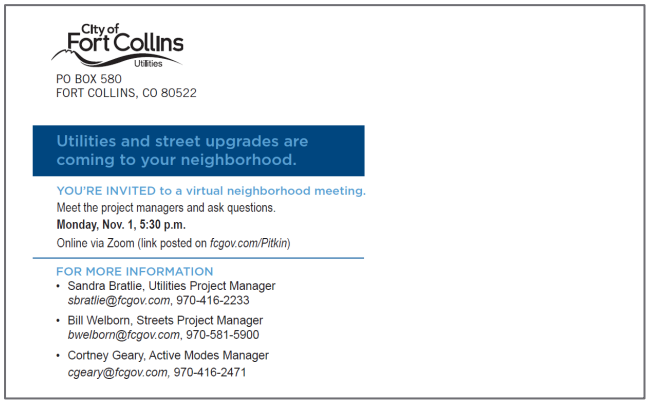
Presentations

City staff presented on the E. Pitkin St. advisory bike lane project to the City's Transportation Board on October 20, 2021 and Bicycle Advisory Committee on October 25, 2021. Minutes from the meetings are available at https://citydocs.fcgov.com/?cmd=convert&vid=46&docid=3526674&dt=MINUTES&board=TRANSPORTATION+BOARD&docdate=OCT-20-2021 and https://www.fcgov.com/cityclerk/files/10.25.21_bac_minutes-002.pdf?1638201212.

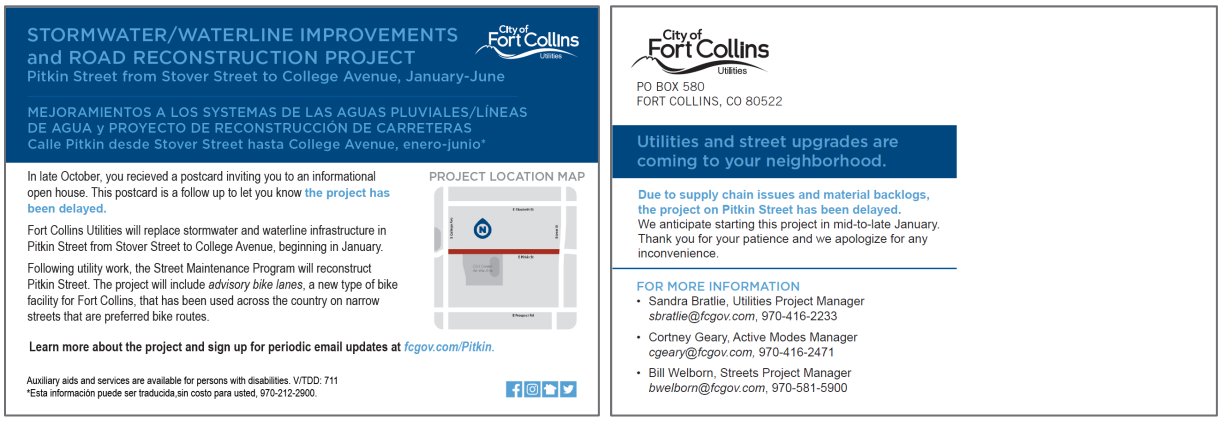
Neighborhood Meetings / Postcard Mailers

A virtual neighborhood meeting was held via Zoom on November 1, 2021. Two postcards were sent to residents and property owners within ¼ mile of the project area. The first postcard (below) was sent as an invitation to the neighborhood meeting.





The second postcard (below) was sent to inform residents and property owners of the project delays.



STORMWATER/WATERLINE IMPROVEMENTS and ROAD RECONSTRUCTION PROJECT
Pitkin Street from Stover Street to College Avenue, January-June

MEJORAMIENTOS A LOS SYSTEMAS DE LAS AGUAS PLUVIALES/LÍNEAS DE AGUA y PROYECTO DE RECONSTRUCCIÓN DE CARRETERAS
Calle Pitkin desde Stover Street hasta College Avenue, enero-junio*

In late October, you recieved a postcard inviting you to an informational open house. This postcard is a follow up to let you know **the project has been delayed.**

Fort Collins Utilities will replace stormwater and waterline infrastructure in Pitkin Street from Stover Street to College Avenue, beginning in January.

Following utility work, the Street Maintenance Program will reconstruct Pitkin Street. The project will include *advisory bike lanes*, a new type of bike facility for Fort Collins, that has been used across the country on narrow streets that are preferred bike routes.

PROJECT LOCATION MAP

Learn more about the project and sign up for periodic email updates at *fcgov.com/Pitkin*.

Auxiliary aids and services are available for persons with disabilities. V/TDD: 711
*Esta información puede ser traducida,sin costo para usted, 970-212-2900.

City of Fort Collins Utilities
PO BOX 580
FORT COLLINS, CO 80522

Utilities and street upgrades are coming to your neighborhood.

Due to supply chain issues and material backlogs, the project on Pitkin Street has been delayed.
We anticipate starting this project in mid-to-late January. Thank you for your patience and we apologize for any inconvenience.

FOR MORE INFORMATION
- Sandra Bratlie, Utilities Project Manager *sbratlie@fcgov.com*, 970-416-2233
- Cortney Geary, Active Modes Manager *cgeary@fcgov.com*, 970-416-2471
- Bill Welborn, Streets Project Manager *bwelborn@fcgov.com*, 970-581-5900

A third postcard (below) was sent to inform residents and property owners of a second neighborhood meeting on Monday, September 12th, 2022.

E. PITKIN ST.
ADVISORY BIKE LANES

E Elizabeth St
S College Ave
Stover St
E Pitkin St
CSU Center for the Arts
E Prospect Rd

Coming to a street near you:

The City of Fort Collins is restriping E. Pitkin St. with advisory bike lanes from Remington St. to Smith St. in September 2022. Advisory bike lanes are a new type of bike facility for Fort Collins. The City is hosting an informational meeting to give residents the opportunity to learn more about the project. The meeting will be held online via Zoom on:

Monday, September 12th from 5:30 - 6:30 PM

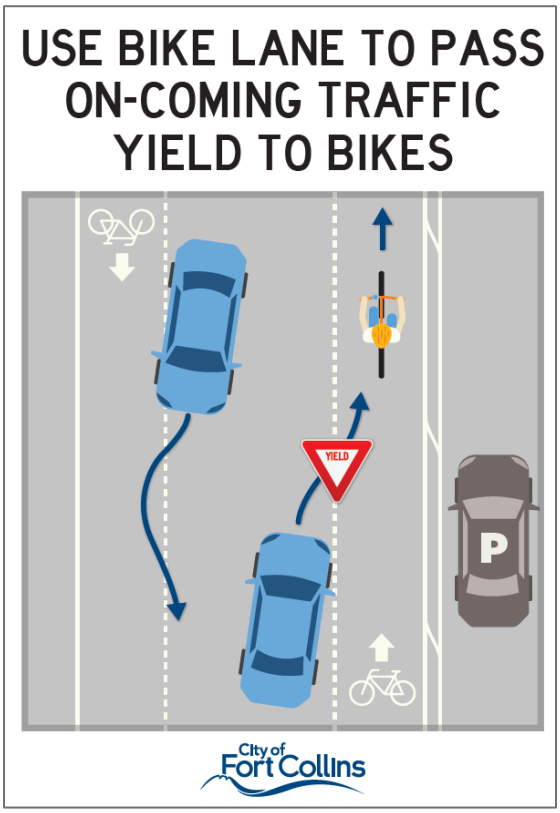
The meeting link will be posted 48 hours in advance at:

fcgov.com/Pitkin

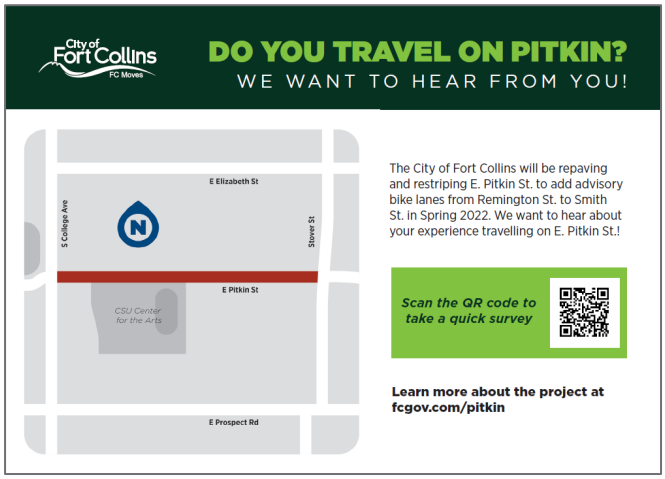
Pop-up Educational Events

A pop-up educational event was conducted in conjunction with the City's Winter Bike to Work (or Wherever) Day event on February 11, 2022. The pop-up event was held at the CSU Annual Flower Trial Gardens, a half block southwest of the project corridor. 130 bicyclists visited the station. FC Moves staff:

- discussed the project with bicyclists,
- got their feedback on a sandwich board sign (below) to be put out on E. Pitkin St. in advance of advisory bike lane installation,
- invited them to take the pre-installation survey (survey flyer below), and
- provided fact sheets (below).



Sandwich board sign



Survey flyer

ADVISORY BIKE LANE

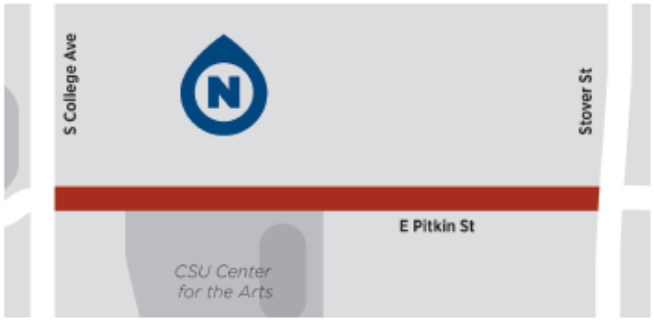
The City of Fort Collins will be repaving and restriping E. Pitkin St. from S. College Ave. to Stover St. in conjunction with Utilities upgrades in Spring 2022. The City will be restriping the street with advisory bike lanes from Remington St. to Smith St. since E. Pitkin St. is a critical multimodal corridor identified in the City's Bicycle Plan.

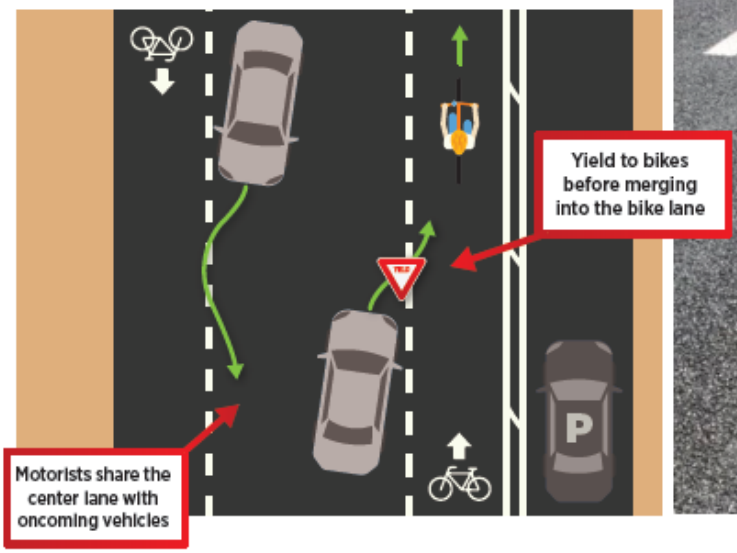
Advisory bike lanes are a new type of bike facility for Fort Collins that have been used in the US and around the world on narrow roads with low vehicular traffic that are preferred bike routes. The new striping is intended to improve safety for all roadway users.

Streets with advisory bike lanes have a single center lane for two-way motor vehicle traffic and dashed bicycle lanes. Motorists travel in the center lane until they need to pass an approaching vehicle. After yielding to bicyclists, motorists can merge into the advisory bike lanes to pass an approaching vehicle. After passing each other, motorists return to the center lane.

The City will conduct extensive outreach to teach people how to share the road in advisory bike lanes and evaluate traffic speeds, safety, travel behavior, and perceptions before and after the project.

To learn more, visit fcgov.com/pitkin.





22-23911 | Auxiliary aids and services are available for persons with disabilities. V/TDD: 711

Fact sheet – English

CARRILES PARA BICICLETAS

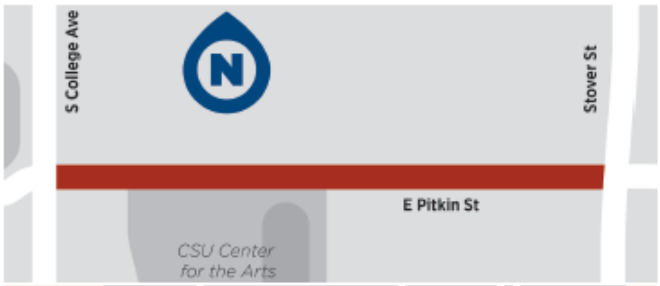
La ciudad de Fort Collins repavimentará y volverá a trazar líneas en E. Pitkin St. desde S. College Ave. hasta Stover St., además de realizar mejoras en los servicios públicos durante la primavera de 2022. La ciudad volverá a trazar líneas en la calle con carriles para bicicletas desde Remington St. hasta Smith St. ya que E. Pitkin St. es un corredor multimodal esencial identificado en el Plan para bicicletas de la ciudad.

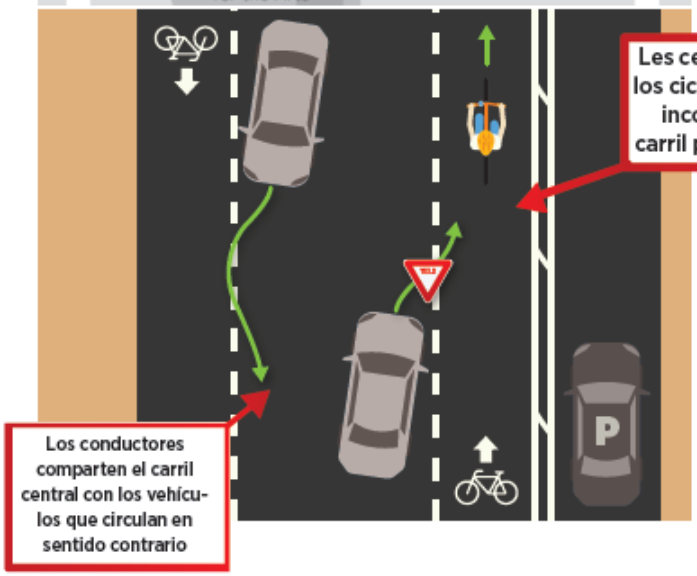
Los carriles para bicicletas son un nuevo tipo de instalación para bicicletas en Fort Collins que se ha utilizado en EE. UU. y en todo el mundo en carreteras estrechas con poco tráfico de vehículos que son rutas preferidas para ciclistas. El nuevo trazado de líneas pretende mejorar la seguridad de todos los usuarios de la vía.

Las calles con carriles para bicicletas tienen un único carril central para el tráfico de vehículos a motor en ambos sentidos y líneas punteadas para bicicletas. Los conductores circulan por el carril central hasta que necesiten rebasar un vehículo que se aproxima. Luego de cederles el paso a los ciclistas, los conductores pueden incorporarse a los carriles para bicicletas para rebasar cualquier vehículo que se aproxime. Luego de rebasarse, los conductores regresan al carril central.

La ciudad llevará a cabo una amplia labor de divulgación para enseñarles a las personas cómo compartir la vía con carriles para bicicletas y evaluará la velocidad del tráfico, la seguridad, el comportamiento en cuanto a desplazamiento y las percepciones antes y después del proyecto.

Para obtener más información, visite fcgov.com/pitkin.





22-23911 | Contamos con ayudas y servicios auxiliares disponibles para las personas con discapacidad. V/TDD: 711

Fact Sheet - Spanish

Following the completion of the project, three additional pop-up educational outreach events were held:

- On September 28, 2022, as part of CSU's annual "Bike to Breakfast" day, FC Moves staff presented educational information about Advisory Bike Lanes and the Pitkin project to the approximately 80 attendees of the event.

- Two pop-up educational outreach events were set up along Pitkin on October 10, 2022 from 4-6 PM and October 12, 2022 from 7:30-9:30 AM. FC Moves staff were available to answer questions and provide educational materials to members of the public. Between the two events, 62 members of the public were reached.

Press Releases

An article was included in the February 2022 issue of the FC Moves monthly newsletter, *Momentum*. The article is can be viewed online at https://myemail.constantcontact.com/Walk-into-Spring.html?soid=1111111643500&aid=dvXVNAiSf5s.

In addition, the following press release was issued on February 14, 2022:

Menu Translate Alerts Search

Utilities

home / departments / utilities / news

Pitkin Street Stormwater and Water Distribution Infrastructure Replacement Begins This Week

Posted on: Feb-14-2022

Beginning Wednesday, Feb. 16, Utilities crews will be working on utility infrastructure improvements in Pitkin Street at Stover Street and will proceed west to College Avenue. The work will improve capacity in the stormwater drainage system and replace aging water pipes.

Construction will impact east and west bound traffic. Rolling road closures will be in effect to minimize traffic disruptions in the neighborhood. Pedestrian access in the area will be maintained. Utilities' portion of this project is estimated to take approximately four months, weather permitting.

Following utility work, the City Streets department, in coordination with FC Moves, will repave and restripe roads, which will include adding advisory bike lanes. Pitkin Street is a critical multimodal corridor identified in the City's Bicycle Master Plan. The new striping plan is intended to improve safety for all users, including pedestrians, bicyclists, people using micro-mobility devices, and drivers. The entire project is expected to be completed by mid-June.

The City of Fort Collins is seeking feedback from people who travel on Pitkin Street. If you'd like to share your experience before and after the restriping, please take a few minutes to respond to the survey at fcgov.com/Pitkin.

Throughout the project, residents in the surrounding neighborhoods can expect heavy machinery, construction-related traffic, and stockpiles of materials. Local access, trash services and mail delivery will be accommodated. Regular work hours will be Monday-Friday, 7 a.m.-5 p.m.

This project is part of the Utilities annual pipe replacement program that is coordinated with the Streets Maintenance Program schedule for efficiency, cost effectiveness and reduced neighborhood impacts.

For more information, visit fcgov.com/Pitkin.

Sandra Bratlie, Utilities Project Manager

970-416-2233

A follow-up press release was sent out on October 7, 2022 announcing the completion of the project:

News

Newsletters

Events City Publications Reports Cable 14 Local Media Subscriptions

home / news / east pitkin advisory bike lanes open this week

Press Releases

East Pitkin advisory bike lanes open this week

Released on Friday, October 7, 2022

Contact Information

- Cortney Geary, Active Modes Manager, , cgeary@fcgov.com

A new type of bicycle infrastructure made its debut this week on a section of East Pitkin Street following a repaving and utilities project.

The new striping pattern, called an "advisory bike lane," is the first such installation in the City and runs from Remington Street east to Smith Street. Although this type of infrastructure is new to Fort Collins, it has been used in other cities nationally and internationally, including nearby communities like Windsor and Boulder.

In an advisory bike lane pattern, a single center lane is marked for two-way motor vehicle traffic and dashed bicycle lanes mark bicycle travel. A separate area is striped for parking, which, on Pitkin Street, is on the north side of the street.

Motorists travel in the center lane until they need to pass an approaching vehicle. After yielding to bicyclists, motorists can merge into the advisory bike lanes to safely complete the pass.

Advisory bike lanes are ideal for narrow roads with low vehicular traffic that are preferred bike routes. The new striping is intended to improve safety for bicycles and vehicles alike.

Pitkin Street is part of the signed Pitkin Bikeway, which runs east-west on city streets from Overland Trail, through CSU's campus, and east to Riverside Avenue. A map of this bikeway and all signed bikeways in Fort Collins can be found at www.fcgov.com/bikemaps.

"We're excited to test out advisory bike lanes in Fort Collins and see this as a great addition to our bicycle network," said Cortney Geary, Active Modes manager for the City. "We hope the new roadway design will be more comfortable for people riding bikes, provide additional buffer space between pedestrians and motorists, and reduce traffic speeds."

Images

New advisory bike lanes in Fort Collins

New advisory bike lanes in Fort Collins

Fort Collins is a Platinum Bicycle Friendly Community as designated by the League of American Bicyclists and the City's designation was renewed in 2021. Only four other communities in the country have achieved Platinum status.

To learn more about the Pitkin advisory bike lanes and to find resources for using the new lanes, visit www.fcgov.com/pitkin. A video about advisory bike lanes is available on the City's YouTube channel .

Subsequently, a news story was featured in the local Fort Collins newspaper, *The Coloradoan*, on October 13, 2022, following the reopening of Pitkin Street. A link to that article can be found here: https://www.coloradoan.com/story/news/2022/10/13/new-type-of-fort-collins-bike-lane-comes-to-pitkin-street/69555502007/

Stakeholder Communications

Monthly stakeholder meetings were held with Colorado State University, primarily to discuss construction impacts, but also to discuss the advisory bike lanes. Eleven community members have signed up to receive project updates via email. The project fact sheet on page 12 has also been distributed by Utilities staff to residents who inquire about the project.

Videos

FCTV, the City's video production staff, developed a video showing how to share the road on a street with advisory bike lanes. Footage of the City's bicycle ambassador volunteers riding in advisory bike lanes in Boulder, CO was recorded for the video. The project fact sheet and educational video were translated into Spanish and are available on the project's website.

English version: https://www.youtube.com/watch?v=BoPgYaPKH5k

Spanish version: https://www.youtube.com/watch?v=apJFAZvJQuA

Outreach to Driver's Education Programs / Communications to Nearby Schools

Post-installation outreach also included contacting the three local drivers education schools and providing them with educational resources to share as part of their curriculum. These resources and a link to our survey were also emailed out to the principals of the two elementary schools and the middle school that fall within one mile of the study area, as well as to the communications contact for the CSU University Center for the Arts.

The Bicycle Friendly Driver curriculum offered by FC Moves has been modified to incorporate information about advisory bike lanes. This program has been taken by 35 students since the addition of this educational material.

City Of Fort Collins Traffic Operations

626 Linden Street, Fort Collins CO. 80522-0580

Speed Study

Site Code: PIT00-EW-21B
Comment 1: Pitkin
Comment 2: between Mathews and Peterson
Direction: EB, -

Start Date: 10/7/2021
End Date: 10/7/2021

10/7/2021 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00	0	0	0	0	2	0	0	0	0	0	2
1:00	0	0	0	1	0	1	0	0	0	0	2
2:00	0	0	0	1	0	1	0	0	0	0	2
3:00	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	1	0	0	0	0	0	0	1
5:00	0	0	0	1	2	2	0	0	0	0	5
6:00	0	0	0	2	6	3	1	0	0	0	12
7:00	0	1	2	19	43	15	1	1	0	0	82
8:00	0	0	1	15	22	5	2	0	0	0	45
9:00	0	0	0	4	20	9	2	0	0	0	35
10:00	1	0	1	5	20	5	4	0	0	0	36
11:00	0	0	0	7	18	13	1	0	0	0	39
12:00	1	0	3	4	29	14	2	0	0	0	53
13:00	0	0	0	9	25	7	3	1	0	0	45
14:00	0	0	3	18	35	21	1	0	0	0	78
15:00	0	0	2	8	27	28	6	0	0	0	71
16:00	0	0	2	11	34	23	2	2	0	0	74
17:00	0	1	0	11	46	19	3	0	0	0	80
18:00	0	1	1	14	34	9	2	0	0	0	61
19:00	0	0	0	5	18	13	2	0	0	0	38
20:00	0	1	1	8	15	12	1	0	0	0	38
21:00	0	0	0	8	11	2	1	0	0	0	22
22:00	0	1	1	4	4	4	2	0	0	0	16
23:00	0	0	1	0	2	1	0	0	0	0	4
Total	**2**	**5**	**18**	**156**	**413**	**207**	**36**	**4**	**0**	**0**	**841**
Percentage	**0.2%**	**0.6%**	**2.1%**	**18.5%**	**49.1%**	**24.6%**	**4.3%**	**0.5%**	**0.0%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**24.1**	**28**	**31.6**	**34.6**
	Mean Speed (Average)	**28.1**			
	10 MPH Pace Speed	**25-34**			
	Number in Pace	**616**			
	Percent in Pace	**74.0%**			
	Number > 25 MPH	**657**			
	Percent > 25 MPH	**78.7%**			

City Of Fort Collins Traffic Operations

626 Linden Street, Fort Collins CO. 80522-0580

Speed Study

Site Code: PIT00-EW-21B
Comment 1: Pitkin
Comment 2: between Mathews and Peterson
Direction: WB, -

Start Date: 10/7/2021
End Date: 10/7/2021

10/7/2021 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	1	0	1	0	0	0	2
2:00	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	1	2	2	1	0	0	0	6
6:00	0	0	1	2	2	3	0	0	0	0	8
7:00	0	0	3	30	39	4	0	0	0	0	76
8:00	0	1	3	17	16	10	0	0	0	0	47
9:00	0	0	8	14	19	7	0	0	0	0	48
10:00	0	0	5	10	13	3	0	0	0	0	31
11:00	0	0	5	18	19	3	0	0	0	0	45
12:00	0	1	0	15	19	3	1	0	0	0	39
13:00	0	0	2	19	24	2	1	0	0	0	48
14:00	0	0	1	29	23	7	0	0	0	0	60
15:00	0	1	2	18	31	9	2	0	0	0	63
16:00	0	0	7	22	30	5	0	0	0	0	64
17:00	0	1	6	23	22	4	0	0	0	0	56
18:00	0	3	2	24	18	3	0	0	0	0	50
19:00	0	0	6	13	13	5	0	0	0	0	37
20:00	0	0	2	2	6	0	0	0	0	0	10
21:00	0	0	1	4	0	1	0	0	0	0	6
22:00	0	1	1	0	1	0	0	0	0	0	3
23:00	0	0	0	1	0	0	0	0	0	0	1
Total	**0**	**8**	**55**	**262**	**298**	**71**	**6**	**0**	**0**	**0**	**700**
Percentage	**0.0%**	**1.1%**	**7.9%**	**37.4%**	**42.6%**	**10.1%**	**0.9%**	**0.0%**	**0.0%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**21.3**	**25.4**	**29.3**	**31.7**
	Mean Speed (Average)	**25.3**			
	10 MPH Pace Speed	**20-29**			
	Number in Pace	**554**			
	Percent in Pace	**79.0%**			
	Number > 25 MPH	**375**			
	Percent > 25 MPH	**53.6%**			

City Of Fort Collins Traffic Operations

626 Linden Street, Fort Collins CO. 80522-0580

Speed Study

Site Code: PIT00-EW-21B
Comment 1: Pitkin
Comment 2: between Mathews and Peterson
Direction: Combined

Start Date: 10/7/2021
End Date: 10/7/2021

10/7/2021 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00	0	0	0	0	2	0	0	0	0	0	2
1:00	0	0	0	1	1	1	1	0	0	0	4
2:00	0	0	0	1	0	1	0	0	0	0	2
3:00	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	1	0	0	0	0	0	0	1
5:00	0	0	0	2	4	4	1	0	0	0	11
6:00	0	0	1	4	8	6	1	0	0	0	20
7:00	0	1	5	49	82	19	1	1	0	0	158
8:00	0	1	4	32	38	15	2	0	0	0	92
9:00	0	0	8	18	39	16	2	0	0	0	83
10:00	1	0	6	15	33	8	4	0	0	0	67
11:00	0	0	5	25	37	16	1	0	0	0	84
12:00	1	1	3	19	48	17	3	0	0	0	92
13:00	0	0	2	28	49	9	4	1	0	0	93
14:00	0	0	4	47	58	28	1	0	0	0	138
15:00	0	1	4	26	58	37	8	0	0	0	134
16:00	0	0	9	33	64	28	2	2	0	0	138
17:00	0	2	6	34	68	23	3	0	0	0	136
18:00	0	4	3	38	52	12	2	0	0	0	111
19:00	0	0	6	18	31	18	2	0	0	0	75
20:00	0	1	3	10	21	12	1	0	0	0	48
21:00	0	0	1	12	11	3	1	0	0	0	28
22:00	0	2	2	4	5	4	2	0	0	0	19
23:00	0	0	1	1	2	1	0	0	0	0	5
Total	**2**	**13**	**73**	**418**	**711**	**278**	**42**	**4**	**0**	**0**	**1541**
Percentage	**0.1%**	**0.8%**	**4.7%**	**27.1%**	**46.1%**	**18.0%**	**2.7%**	**0.3%**	**0.0%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**22.4**	**26.8**	**30.7**	**33.4**
	Mean Speed (Average)	**26.8**			
	10 MPH Pace Speed	**20-29**			
	Number in Pace	**1113**			
	Percent in Pace	**73.0%**			
	Number > 25 MPH	**1032**			
	Percent > 25 MPH	**67.3%**			

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B
Direction: WB

Start Date: 10/31/2022
End Date: 11/2/2022

10/31/2022 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00											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	0	0	7	5	9	2	0	0	0	23
11:00	0	0	2	3	14	7	1	1	0	0	28
12:00	1	0	2	6	10	11	1	0	0	0	31
13:00	0	0	0	2	9	8	3	0	0	0	22
14:00	0	1	1	5	15	13	4	2	1	0	42
15:00	0	0	1	5	14	7	7	2	0	0	36
16:00	0	1	2	2	14	23	7	2	0	0	51
17:00	1	0	4	7	13	11	2	0	0	0	38
18:00	0	0	2	4	3	6	1	1	0	0	17
19:00	0	1	2	7	6	5	0	0	0	0	21
20:00	0	0	1	1	6	1	0	0	0	0	9
21:00	0	0	2	2	5	1	1	0	0	0	11
22:00	0	0	0	1	0	2	0	0	0	0	3
23:00	0	0	1	3	2	0	0	0	0	0	6
Total	**2**	**3**	**20**	**55**	**116**	**104**	**29**	**8**	**1**	**0**	**338**
Percentage	**0.6%**	**0.9%**	**5.9%**	**16.3%**	**34.3%**	**30.8%**	**8.6%**	**2.4%**	**0.3%**	**0.0%**	

Statistics				
	Percentile	**15th**	**50th**	**85th**	**95th**
	Speed	**23**	**29**	**34**	**38**
Mean Speed (Average)	**28.7**			
10 MPH Pace Speed	**25-34**			
Number in Pace	**219**			
Percent in Pace	**64.8%**			
Number > 45 MPH	**1**			
Percent > 45 MPH	**0.3%**			

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B
Direction: WB

Start Date: 10/31/2022
End Date: 11/2/2022

11/1/2022 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00	0	0	0	1	0	0	0	0	0	0	1
1:00	0	0	0	0	0	2	0	0	0	0	2
2:00	0	0	0	0	0	1	0	0	0	0	1
3:00	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	1	1	0	0	0	0	2
6:00	0	0	0	0	0	2	1	0	0	0	3
7:00	0	0	1	5	24	17	1	1	0	0	49
8:00	0	0	1	3	10	11	3	1	0	0	29
9:00	0	0	1	6	21	8	3	0	0	0	39
10:00	0	1	1	10	11	9	2	0	0	0	34
11:00	0	1	0	4	7	8	3	1	0	0	24
12:00	0	1	1	1	7	10	3	0	1	0	24
13:00	0	0	1	2	9	14	2	1	0	0	29
14:00	1	0	1	4	19	12	2	0	0	0	39
15:00	0	1	1	8	13	6	5	0	0	0	34
16:00	0	1	2	10	11	8	3	0	0	0	35
17:00	0	1	5	8	19	9	3	0	0	0	45
18:00	0	0	3	4	8	5	2	0	0	0	22
19:00	0	0	1	3	6	9	1	0	0	0	20
20:00	0	0	0	2	6	0	0	0	0	0	8
21:00	0	0	1	1	0	1	1	0	0	0	4
22:00	0	0	0	2	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0
Total	**1**	**6**	**20**	**74**	**172**	**133**	**35**	**4**	**1**	**0**	**446**
Percentage	**0.2%**	**1.3%**	**4.5%**	**16.6%**	**38.6%**	**29.8%**	**7.8%**	**0.9%**	**0.2%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**23**	**28**	**33**	**37**
	Mean Speed (Average)	**28.5**			
	10 MPH Pace Speed	**25-34**			
	Number in Pace	**304**			
	Percent in Pace	**68.2%**			
	Number > 45 MPH	**1**			
	Percent > 45 MPH	**0.2%**			

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B
Direction: WB

Start Date: 10/31/2022
End Date: 11/2/2022

11/2/2022 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00	0	1	0	0	0	0	0	0	0	0	1
1:00	0	0	0	0	0	0	0	0	0	0	0
2:00	0	1	0	0	0	0	0	0	0	0	1
3:00	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	1	0	0	0	0	0	1
6:00	0	0	1	1	4	2	1	0	0	0	9
7:00	0	0	3	10	14	14	0	0	1	0	42
8:00	0	0	0	8	14	17	3	1	0	0	43
9:00	0	0	1	3	5	6	3	1	0	0	19
10:00											0
11:00											0
12:00											0
13:00											0
14:00											0
15:00											0
16:00											0
17:00											0
18:00											0
19:00											0
20:00											0
21:00											0
22:00											0
23:00											0
Total	**0**	**2**	**5**	**22**	**38**	**39**	**7**	**2**	**1**	**0**	**116**
Percentage	**0.0%**	**1.7%**	**4.3%**	**19.0%**	**32.8%**	**33.6%**	**6.0%**	**1.7%**	**0.9%**	**0.0%**	

Statistics			
	Percentile	**15th**	**50th**	**85th**	**95th**
	Speed	**22**	**29**	**33**	**35**
Mean Speed (Average)	**28.6**			
10 MPH Pace Speed	**25-34**			
Number in Pace	**77**			
Percent in Pace	**66.4%**			
Number > 45 MPH	**1**			
Percent > 45 MPH	**0.9%**			

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B
Direction: EB

Start Date: 10/31/2022
End Date: 11/2/2022

10/31/2022 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00											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	0	0	10	11	4	0	0	0	0	25
11:00	0	0	1	11	12	0	1	0	0	0	25
12:00	0	0	1	9	16	3	0	0	0	0	29
13:00	0	1	2	10	9	1	1	0	0	0	24
14:00	1	0	2	30	20	4	1	0	0	0	58
15:00	0	1	0	14	17	3	0	0	0	0	35
16:00	0	0	0	23	27	2	0	0	0	0	52
17:00	1	2	1	16	12	3	0	0	0	0	35
18:00	0	0	3	13	7	1	0	0	0	0	24
19:00	0	0	5	10	7	0	0	0	0	0	22
20:00	0	0	1	5	4	0	0	0	0	0	10
21:00	0	2	7	12	2	0	0	0	0	0	23
22:00	0	0	1	3	1	0	0	0	0	0	5
23:00	0	0	3	7	3	0	0	0	0	0	13
Total	**2**	**6**	**27**	**173**	**148**	**21**	**3**	**0**	**0**	**0**	**380**
Percentage	**0.5%**	**1.6%**	**7.1%**	**45.5%**	**38.9%**	**5.5%**	**0.8%**	**0.0%**	**0.0%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**21**	**25**	**28**	**30**
	Mean Speed (Average)	**24.6**			
	10 MPH Pace Speed	**20-29**			
	Number in Pace	**319**			
	Percent in Pace	**83.9%**			
	Number > 45 MPH	**0**			
	Percent > 45 MPH	**0.0%**			

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B
Direction: EB

Start Date: 10/31/2022
End Date: 11/2/2022

11/1/2022 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00	0	0	0	1	2	1	0	0	0	0	4
1:00	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	1	0	1	0	0	0	0	0	2
3:00	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	1	0	0	1	0	0	0	0	2
6:00	0	0	1	0	5	0	0	0	0	0	6
7:00	0	0	1	21	12	4	1	0	0	0	39
8:00	0	0	0	14	14	1	0	0	0	0	29
9:00	0	0	1	12	12	0	0	0	0	0	25
10:00	0	0	1	6	14	3	0	0	0	0	24
11:00	0	0	0	12	16	3	0	0	0	0	31
12:00	0	2	2	11	14	5	0	0	0	0	34
13:00	0	0	1	12	10	3	1	0	0	0	27
14:00	0	0	1	23	21	4	0	0	0	0	49
15:00	0	1	2	24	14	3	0	0	0	0	44
16:00	1	2	4	18	15	1	1	0	0	0	42
17:00	0	0	4	23	12	1	0	0	0	0	40
18:00	0	1	2	13	18	2	0	0	0	0	36
19:00	0	0	2	9	4	1	0	0	0	0	16
20:00	0	0	1	12	8	0	0	0	0	0	21
21:00	0	0	1	10	2	0	0	0	0	0	13
22:00	0	0	0	4	5	0	0	0	0	0	9
23:00	0	0	1	2	1	0	0	0	0	0	4
Total	**1**	**6**	**27**	**227**	**200**	**33**	**3**	**0**	**0**	**0**	**497**
Percentage	**0.2%**	**1.2%**	**5.4%**	**45.7%**	**40.2%**	**6.6%**	**0.6%**	**0.0%**	**0.0%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**22**	**25**	**28**	**31**
	Mean Speed (Average)	**24.9**			
	10 MPH Pace Speed	**20-29**			
	Number in Pace	**424**			
	Percent in Pace	**85.3%**			
	Number > 45 MPH	**0**			
	Percent > 45 MPH	**0.0%**			

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B
Direction: EB

Start Date: 10/31/2022
End Date: 11/2/2022

11/2/2022 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00	0	0	0	1	0	0	0	0	0	0	1
1:00	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	1	0	0	0	0	0	0	1
3:00	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	1	1	1	1	0	0	0	0	4
6:00	0	0	0	2	3	0	0	0	0	0	5
7:00	0	0	4	16	13	7	0	0	0	0	40
8:00	0	0	2	10	7	5	0	0	0	0	24
9:00	0	0	2	6	5	0	0	0	0	0	13
10:00											0
11:00											0
12:00											0
13:00											0
14:00											0
15:00											0
16:00											0
17:00											0
18:00											0
19:00											0
20:00											0
21:00											0
22:00											0
23:00											0
Total	**0**	**0**	**9**	**37**	**29**	**13**	**0**	**0**	**0**	**0**	**88**
Percentage	**0.0%**	**0.0%**	**10.2%**	**42.0%**	**33.0%**	**14.8%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**21**	**25**	**31**	**31**
	Mean Speed (Average)	**25.2**			
	10 MPH Pace Speed	**20-29**			
	Number in Pace	**66**			
	Percent in Pace	**75.0%**			
	Number > 45 MPH	**0**			
	Percent > 45 MPH	**0.0%**			

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B
Direction: Combined

Start Date: 10/31/2022
End Date: 11/2/2022

10/31/2022 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00											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	0	0	17	16	13	2	0	0	0	48
11:00	0	0	3	14	26	7	2	1	0	0	53
12:00	1	0	3	15	26	14	1	0	0	0	60
13:00	0	1	2	12	18	9	4	0	0	0	46
14:00	1	1	3	35	35	17	5	2	1	0	100
15:00	0	1	1	19	31	10	7	2	0	0	71
16:00	0	1	2	25	41	25	7	2	0	0	103
17:00	2	2	5	23	25	14	2	0	0	0	73
18:00	0	0	5	17	10	7	1	1	0	0	41
19:00	0	1	7	17	13	5	0	0	0	0	43
20:00	0	0	2	6	10	1	0	0	0	0	19
21:00	0	2	9	14	7	1	1	0	0	0	34
22:00	0	0	1	4	1	2	0	0	0	0	8
23:00	0	0	4	10	5	0	0	0	0	0	19
Total	**4**	**9**	**47**	**228**	**264**	**125**	**32**	**8**	**1**	**0**	**718**
Percentage	**0.6%**	**1.3%**	**6.5%**	**31.8%**	**36.8%**	**17.4%**	**4.5%**	**1.1%**	**0.1%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**22**	**26**	**32**	**35**
	Mean Speed (Average)	**26.5**			
	10 MPH Pace Speed	**20-29**			
	Number in Pace	**488**			
	Percent in Pace	**68.0%**			
	Number > 45 MPH	**1**			
	Percent > 45 MPH	**0.1%**			

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B
Direction: Combined

Start Date: 10/31/2022
End Date: 11/2/2022

11/1/2022 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00	0	0	0	2	2	1	0	0	0	0	5
1:00	0	0	0	0	0	2	0	0	0	0	2
2:00	0	0	1	0	1	1	0	0	0	0	3
3:00	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	1	0	1	2	0	0	0	0	4
6:00	0	0	1	0	5	2	1	0	0	0	9
7:00	0	0	2	26	36	21	2	1	0	0	88
8:00	0	0	1	17	24	12	3	1	0	0	58
9:00	0	0	2	18	33	8	3	0	0	0	64
10:00	0	1	2	16	25	12	2	0	0	0	58
11:00	0	1	0	16	23	11	3	1	0	0	55
12:00	0	3	3	12	21	15	3	0	1	0	58
13:00	0	0	2	14	19	17	3	1	0	0	56
14:00	1	0	2	27	40	16	2	0	0	0	88
15:00	0	2	3	32	27	9	5	0	0	0	78
16:00	1	3	6	28	26	9	4	0	0	0	77
17:00	0	1	9	31	31	10	3	0	0	0	85
18:00	0	1	5	17	26	7	2	0	0	0	58
19:00	0	0	3	12	10	10	1	0	0	0	36
20:00	0	0	1	14	14	0	0	0	0	0	29
21:00	0	0	2	11	2	1	1	0	0	0	17
22:00	0	0	0	6	5	0	0	0	0	0	11
23:00	0	0	1	2	1	0	0	0	0	0	4
Total	**2**	**12**	**47**	**301**	**372**	**166**	**38**	**4**	**1**	**0**	**943**
Percentage	**0.2%**	**1.3%**	**5.0%**	**31.9%**	**39.4%**	**17.6%**	**4.0%**	**0.4%**	**0.1%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**22**	**26**	**31**	**35**
Mean Speed (Average)		**26.6**			
10 MPH Pace Speed		**20-29**			
Number in Pace		**667**			
Percent in Pace		**70.7%**			
Number > 45 MPH		**1**			
Percent > 45 MPH		**0.1%**			

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B
Direction: Combined

Start Date: 10/31/2022
End Date: 11/2/2022

11/2/2022 Time	0 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 MPH	Total
0:00	0	1	0	1	0	0	0	0	0	0	2
1:00	0	0	0	0	0	0	0	0	0	0	0
2:00	0	1	0	1	0	0	0	0	0	0	2
3:00	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	1	1	2	1	0	0	0	0	5
6:00	0	0	1	3	7	2	1	0	0	0	14
7:00	0	0	7	26	27	21	0	0	1	0	82
8:00	0	0	2	18	21	22	3	1	0	0	67
9:00	0	0	3	9	10	6	3	1	0	0	32
10:00											0
11:00											0
12:00											0
13:00											0
14:00											0
15:00											0
16:00											0
17:00											0
18:00											0
19:00											0
20:00											0
21:00											0
22:00											0
23:00											0
Total	**0**	**2**	**14**	**59**	**67**	**52**	**7**	**2**	**1**	**0**	**204**
Percentage	**0.0%**	**1.0%**	**6.9%**	**28.9%**	**32.8%**	**25.5%**	**3.4%**	**1.0%**	**0.5%**	**0.0%**	

Statistics	**Percentile**	**15th**	**50th**	**85th**	**95th**
	Speed	**21**	**26**	**32**	**34**
	Mean Speed (Average)	**27.1**			
	10 MPH Pace Speed	**20-29**			
	Number in Pace	**125**			
	Percent in Pace	**61.3%**			
	Number > 45 MPH	**1**			
	Percent > 45 MPH	**0.5%**			

Appendix A

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

Pitkin
between Mathews and Peterson
PIT00-EW-21B

Start Date: 10/6/2021
End Date: 10/8/2021

10/4/2021	Monda		T esda		Wednesda		Th rsda		rida		Sat rda		S nda		Week era e	
Time	EB, -	WB, -	EB, -	WB, -	EB, -	WB, -	EB, -	WB, -	EB, -	WB, -	EB, -	WB, -	EB, -	WB, -	EB, -	WB, -
12:00 M							2	0	5	0					4	0
1:00							2	2	0	0					1	1
2:00							2	0	3	1					2	0
3:00							0	0	0	0					0	0
4:00							1	0	1	0					1	0
5:00							5	6	9	3					7	4
6:00							12	8	12	3					12	6
7:00							82	76	74	79					78	78
8:00							45	47	45	69					45	58
9:00							35	48	27	42					31	45
10:00							36	31	36	39					36	35
11:00					57	47	39	45	17	17					38	36
12:00 PM					52	50	53	39							52	44
1:00					57	48	45	48							51	48
2:00					66	42	78	60							72	51
3:00					83	86	71	63							77	74
4:00					69	56	74	64							72	60
5:00					65	54	80	56							72	55
6:00					54	32	61	50							58	41
7:00					32	23	38	37							35	30
8:00					22	8	38	10							30	9
9:00					21	6	22	6							22	6
10:00					4	4	16	3							10	4
11:00					3	2	4	1							4	2
Total	0	0	0	0	585	458	841	700	229	253	0	0	0	0	810	687
Da	0		0		1043		1541		482		0		0		1497	
M Peak					11:00	11:00	7:00	7:00	7:00	7:00					7:00	7:00
ol me					57	47	82	76	74	79					78	78
PM Peak					3:00	3:00	5:00	4:00							3:00	3:00
ol me					83	86	80	64							77	74
Comb Total	0		0		1043		1541		482		0		0		1497	
DT	DT: 1,486		DT: 1,486													

City of Fort Collins Traffic Operations

626 Linden Street, Fort Collins, CO 8052

ADT Volume Study

E PIT I ST
Between Mathews and Peterson
WB and EB
PIT03-WE-22B

Start Date: 10/31/2022
End Date: 11/2/2022

	Monday		11/1/2022		11/2/2022		11/3/2022		11/4/2022		Weekday Average	
Time	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	1	4	1	1	*	*	*	*	1	2
1:00	*	*	2	0	0	0	*	*	*	*	1	0
2:00	*	*	1	2	1	1	*	*	*	*	1	2
3:00	*	*	0	0	0	0	*	*	*	*	0	0
4:00	*	*	0	0	0	0	*	*	*	*	0	0
5:00	*	*	2	2	1	4	*	*	*	*	2	3
6:00	*	*	3	6	9	5	*	*	*	*	6	6
7:00	*	*	49	39	42	40	*	*	*	*	46	40
8:00	*	*	29	29	43	24	*	*	*	*	36	26
9:00	12	8	39	25	19	13	*	*	*	*	23	15
10:00	23	25	34	24	*	*	*	*	*	*	28	24
11:00	28	25	24	31	*	*	*	*	*	*	26	28
12:00 PM	31	29	24	34	*	*	*	*	*	*	28	32
1:00	22	24	29	27	*	*	*	*	*	*	26	26
2:00	42	58	39	49	*	*	*	*	*	*	40	54
3:00	36	35	34	44	*	*	*	*	*	*	35	40
4:00	51	52	35	42	*	*	*	*	*	*	43	47
5:00	38	35	45	40	*	*	*	*	*	*	42	38
6:00	17	24	22	36	*	*	*	*	*	*	20	30
7:00	21	22	20	16	*	*	*	*	*	*	20	19
8:00	9	10	8	21	*	*	*	*	*	*	8	16
9:00	11	23	4	13	*	*	*	*	*	*	8	18
10:00	3	5	2	9	*	*	*	*	*	*	2	7
11:00	6	13	0	4	*	*	*	*	*	*	3	8
Dir. Total	**350**	**388**	**446**	**497**	**116**	**88**	**0**	**0**	**0**	**0**	**445**	**481**
Combined Total	**738**		**943**		**204**		**0**		**0**		**926**	

ADT **ADT: 933** **AADT: 933**