



Received by Email

10/7/2022



Date: August 16, 2022
To: City of Mukilteo
From: John McMillan, PE, Project Manager
Subject: 5th Street Bike and Pedestrian Improvement Project Transportation Summary Memo

This document has been prepared by KPFF Consulting Engineers in partnership with Fehr and Peers for the City of Mukilteo on the 5th Street Bike and Pedestrian Improvement Project



**John McMillan, P.E.
KPFF Consulting Engineers
Project Manager**

1. Introduction

The Mukilteo 5th St. Bike and Pedestrian Projects intends to improve cyclist and pedestrian facilities, connectivity, and safety.

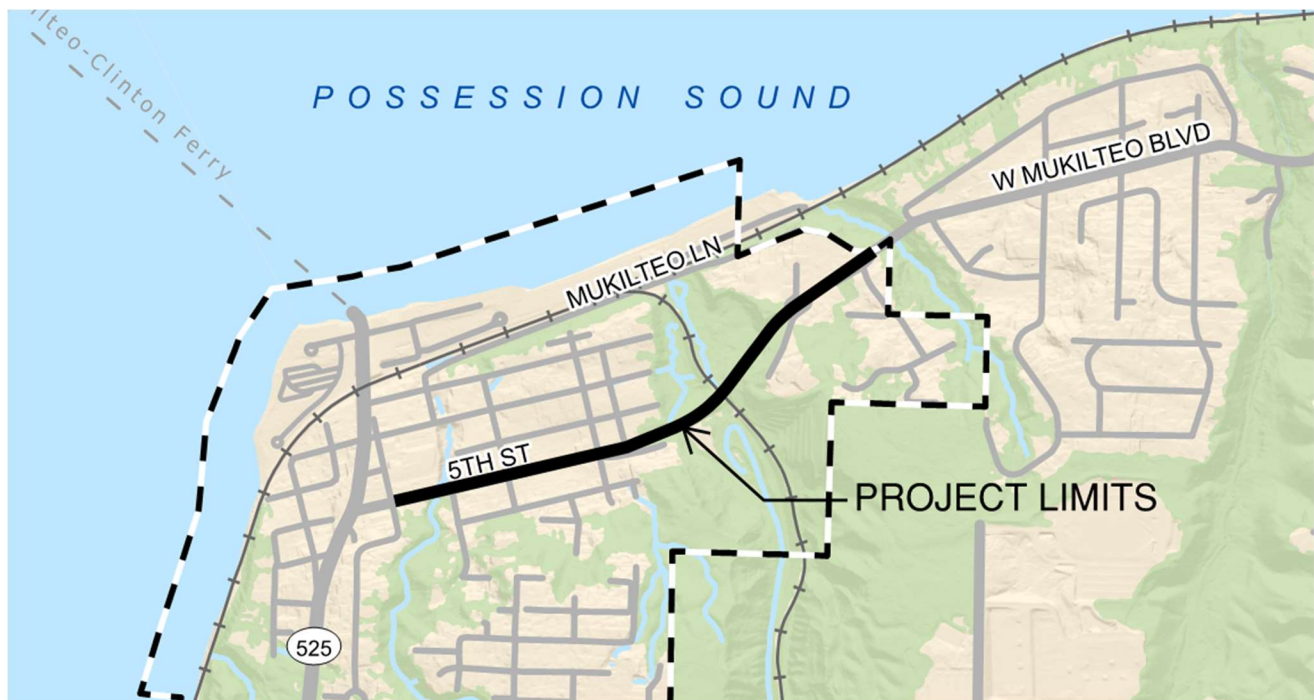


Figure 1-1: Project Site Location

The project scope and proposed treatments have been developed after careful review of the existing corridor (figure 1-1) by the design team, conversations with a project steering committee, public engagement efforts, coordination with City staff, elected officials and evaluation of a wide range of alternative treatments.

This report identifies anticipated transportation impacts when the project is constructed.

2. Executive Summary

The project will improve pedestrian and bicyclist accessibility within the project area between Old Town Mukilteo and the City of Everett. The project will have minimal to no anticipated impacts to vehicle transportation, but is expected to calm general traffic speed in the corridor.

Some existing street parking along the corridor will be repurposed for pedestrian and bike facilities. This repurpose may require some local residents and visitors to park slightly further away, or use existing ally access for parking accommodations to private properties. The City will be reaching out to private property owners without driveways along the corridor with nearby street parking removal to coordinate potential driveway construction to private property to mitigate this change in right of way usage.

Pedestrian access and safety in the corridor is expected to be greatly improved. Continuous corridor long pedestrian facilities will be provided and physical separation will be provide between pedestrians and bikes/general purpose traffic will also be added. A rapid repeating flashing beacon will be installed at a commercial focused intersection at 5th Street and Lincoln Avenue to improve the pedestrian crossing experience.

New illumination systems will also bring corridor lighting performance to modern standards and address existing sub-standard illumination performance in the corridor.

3. Transportation Investments

Project scope addresses needs and honor many community values we have heard speaking with a wide range of parties, including many residents along the corridor. The proposed project investments can be reviewed on the attached roll plot.

Proposed investments within Old Town between Lincoln and Japanese Gulch include:

- Roadway rechannelization with two 11-foot general purpose lanes to calm traffic
- Bike facility investments in full bike lanes east of Cornelia to the Japanese Gulch parking area
- Sharrow bike treatments within general purpose lanes between Lincoln to Cornelia
- Construction of pedestrian walkways separated from bike and vehicle traffic on both sides of the roadway for this segment
- Street illumination system upgrades to meet modern illumination for this type of corridor
- Installation of a physical buffer between pedestrians and bikes/general traffic, which will likely be a 2 foot wide section of grass
- Retention of street parking on the north side of the roadway between Park Ave and Cornelia Ave and on the south side between Park Ave and Loveland Ave
- Pavement maintenance treatments for the full segment
- Construction of water quality treatment infrastructure to treat stormwater
- Intersection treatments to calm traffic, which may include a "raised intersection" traffic calming treatment at 5th and Cornelia
- Installation of a Rectangular Rapid Flashing Beacon at 5th and Lincoln.

Proposed investments on W Mukilteo Boulevard between Japanese Gulch to the Everett City Limits include:

- A new inbound bike lane from Everett to Japanese Gulch
- Spot channelization investments to improve the pedestrian experience
- Street illumination system upgrades to meet modern illumination for this type of corridor
- Roadway rechannelization with two 11-foot General Purpose Lanes to calm traffic

- Investment in a gateway / traffic calming treatment west of the intersection of Mukilteo Lane and W Mukilteo Blvd.

The proposed improvements will:

- Calm traffic traveling on 5th Street through reduced lane widths, intersection treatments, improved illumination, and lane “meandering.”
- Have no impact to most existing private fences and retaining walls constructed within the public Right of Way.
- Retain the old town 5th Street aesthetics while removing existing accessibility roadblocks and enhance transit access.
- Have very minor roadway widening from the current roadway paved widths
- Install modern storm drainage treatment infrastructure

4. Proposed Transportation Impacts

General Vehicle Traffic

The project will not modify the existing traffic operations in terms of capacity or movements. It is anticipated traffic calming treatments will reduce a historic speeding issue within the community. Project scope will:

- Install a new Rapid Repeating Flashing Beacon (RRFB) at the intersection of Lincoln and 5th Street
- Remove an existing RRFB at Cornelia and 5th
- Introduce traffic calming treatments in the corridor
- Reduce general purpose travel lane width from 12-13 feet to 11.0 feet within the project corridor

Pedestrians

The project will install continuous pedestrian facilities throughout the corridor and remove conflict points within the corridor where existing street parking requires pedestrians to enter the general purpose traffic lane to travel within the corridor, install spot paving treatments to provide corridor wide paved pedestrian facilities and remove obstructions within the publicly accessible route.

Pedestrian facilities will also be separated from bikes and general traffic in the corridor outside intersection areas. This report has a proposed crossing treatments memorandum as an appendix, which has commentary on proposed treatments within the corridor.

Bike Facilities

The project will repurpose and install bike facilities throughout the majority of the corridor. Separated bike facilities and sharrow treatments are proposed in the corridor to remove conflict points for bikers.

Proposed treatments on 5th Street from Lincoln to Japanese Gulch area include:

- Bike facility investments in full bike lanes east of Cornelia to the Japanese Gulch parking area
- Sharrow bike treatments within general purpose lanes between Lincoln to Cornelia

- Bike wayfinding treatments

Proposed investments on W Mukilteo Boulevard between Japanese Gulch to the Everett City Limits include:

- A new inbound bike lane from Everett to Japanese Gulch
- Enlarged shoulders for outbound bike traffic.
- Connection to separated bike lanes at the Everett City Limit.

Parking modifications proposed by the project

The proposed treatments will prohibit street parking at locations where parking is not currently prohibited.

Notable locations will include:

- 5th Street on the south side of the street from Loveland Avenue to Cornelia Avenue
- 5th Street on the north side of the street from 50 feet west of Cornelia Avenue to Centennial Park
- 5th Street – W Mukilteo Blvd on the south side of the street to the Everett City Limits
- W Mukilteo Blvd on the north side of the street from Centennial Park to the Everett City Limits

Existing parking space will be re-purposed to pedestrian purposes, allowing a continuous pedestrian pathway on both sides of the corridor. Parking removal is not anticipated to reduce on street parking capacity below existing demand; as ample and nearby street parking is available off-corridor and street parking will remain within the corridor. The project is anticipating spot mitigation treatments with property owners who are losing nearby street parking. Mitigation treatments may include new driveway construction to private parcels abutting 5th Street, or spot widening for parking within the right of way.

5. Speed Study 2020

The City of Mukilteo conducted a speed study of the corridor in October of 2020. The speed study confirmed the 85th percentile of the vehicles traveling in the corridor where traveling above the post speed limit of 25 MPH, with the 85th percentile traveling at 33 MPH. The average annual daily traffic was reported at 4516 vehicles. The study is attached to this report as an appendix

6. Collision Data

The City of Mukilteo had limited collision data within the corridor available for review. Most data available was reported for the 2019 year. City staff turnover complicated the ability to recover additional crash data. City records available to the Consultant indicate five collisions occurred within the corridor in 2019. A summary of collisions include:

Two vehicles on vehicle collisions – non injury

Two vehicle on parked vehicle collisions – non injury

One vehicle striking a fixed object – non injury

Records indicate causes included driver error, distracted driving and one case of impaired driving (possibly compounded by icy conditions)



Speed Study Appendix

For Project:	5th	Street	&	Loveland
Project Notes:				
Location/Name:	Merged			
Report Generated:	10/26/2020	12:10		
Speed Intervals	1 MPH			
Time Intervals	Instant			
Traffic Report From	10/13/2020	11:00:00	through	10/26/2020 08:59:59
85th Percentile Speed	33 MPH			
85th Percentile Vehicles	49592			
Max Speed	71 MPH	on	10/13/2020	23:51:32
Total Vehicles	58344			
AADT:	4516			

Volumes - weekly counts

Time	5 Day	7 Day
Average Daily	4274	4167
AM Peak	11:00 315	304
PM Peak	03:00 424	408

Speed

Speed Limit:	25
85th Percentile Speed:	33
Average Speed:	29.29

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	4436	7336	8471	7624	8252	7656	5632
% over limit	85.0	85.1	85.2	81.2	86.1	85.6	84.8
Avg Speeder	30.2	30.2	30.3	30.1	30.4	30.5	30.7

Class Counts

VEH_SM	8	0
VEH_MED	56721	97.2
VEH_LG	1615	2.8
[VEH_SM=motorcycle,	VEH_MED = sedan,	VEH_LG = truck]

Day/Time Ending	85th pctl (mph)	85th pctl cnts	Total Cnts	Max Speed	Avg Speeder	% Speeders
10/13/2020 12:00:00 PM	32.0	238	280	45	29.3	72.1%
10/13/2020 1:00:00 PM	33.0	306	360	44	29.7	77.3%
10/13/2020 2:00:00 PM	33.0	246	289	42	29.7	76.5%
10/13/2020 3:00:00 PM	33.0	357	420	47	29.8	83.8%
10/13/2020 4:00:00 PM	33.0	367	432	48	29.9	81.7%
10/13/2020 5:00:00 PM	32.0	376	442	48	28.9	69.2%
10/13/2020 6:00:00 PM	33.0	332	391	43	29.4	75.7%
10/13/2020 7:00:00 PM	34.0	269	317	48	30.2	76.4%
10/13/2020 8:00:00 PM	34.0	183	215	42	30.4	79.1%
10/13/2020 9:00:00 PM	35.0	98	115	51	30.8	82.6%
10/13/2020 10:00:00 PM	35.0	80	94	48	30.8	83.0%
10/13/2020 11:00:00 PM	33.0	51	60	40	30.3	81.7%
10/14/2020 12:00:00 AM	36.0	33	39	71	33.9	87.2%
10/14/2020 1:00:00 AM	37.0	19	22	40	31.7	90.9%
10/14/2020 2:00:00 AM	40.0	6	7	41	36.7	42.9%
10/14/2020 3:00:00 AM	39.0	5	6	65	37.2	83.3%
10/14/2020 4:00:00 AM	41.0	8	10	42	34.1	100.0%
10/14/2020 5:00:00 AM	36.0	32	38	47	31.7	86.8%
10/14/2020 6:00:00 AM	34.0	73	86	43	30.6	87.2%
10/14/2020 7:00:00 AM	34.0	148	174	44	30.3	84.0%
10/14/2020 8:00:00 AM	32.0	167	197	41	29.2	80.7%
10/14/2020 9:00:00 AM	34.0	230	271	41	29.8	83.8%
10/14/2020 10:00:00 AM	32.0	215	253	40	29.3	79.1%
10/14/2020 11:00:00 AM	32.0	259	305	40	29.3	76.7%
10/14/2020 12:00:00 PM	32.0	268	315	41	29.3	74.6%
10/14/2020 1:00:00 PM	33.0	286	337	41	29.3	70.3%
10/14/2020 2:00:00 PM	34.0	298	350	43	29.7	77.1%
10/14/2020 3:00:00 PM	33.0	366	430	40	29.6	83.5%
10/14/2020 4:00:00 PM	34.0	333	392	44	30.0	81.4%
10/14/2020 5:00:00 PM	32.0	373	439	40	29.1	73.1%
10/14/2020 6:00:00 PM	34.0	326	383	42	30.1	77.8%
10/14/2020 7:00:00 PM	34.0	336	395	45	30.0	85.6%
10/14/2020 8:00:00 PM	33.0	197	232	43	29.7	80.2%
10/14/2020 9:00:00 PM	35.0	128	150	42	30.6	74.7%
10/14/2020 10:00:00 PM	36.0	72	85	50	31.5	85.9%
10/14/2020 11:00:00 PM	37.0	56	66	49	31.9	84.8%
10/15/2020 12:00:00 AM	37.0	20	24	45	32.1	79.2%
10/15/2020 1:00:00 AM	33.0	12	14	38	29.7	71.4%
10/15/2020 2:00:00 AM	37.0	8	9	37	30.8	88.9%
10/15/2020 3:00:00 AM	38.0	6	7	40	32.3	85.7%
10/15/2020 4:00:00 AM	32.0	8	10	36	29.2	90.0%
10/15/2020 5:00:00 AM	35.0	31	37	43	31.9	73.0%
10/15/2020 6:00:00 AM	35.0	83	98	54	31.3	82.7%
10/15/2020 7:00:00 AM	34.0	139	163	45	30.4	77.9%
10/15/2020 8:00:00 AM	33.0	193	227	43	29.5	74.0%
10/15/2020 9:00:00 AM	33.0	244	287	47	29.9	77.4%
10/15/2020 10:00:00 AM	32.0	219	258	45	29.2	71.7%
10/15/2020 11:00:00 AM	33.0	244	287	44	29.6	75.3%
10/15/2020 12:00:00 PM	33.0	283	333	43	29.5	78.4%

10/15/2020 1:00:00 PM	33.0	280	330	39	29.5	79.4%
10/15/2020 2:00:00 PM	32.0	259	305	40	29.3	66.2%
10/15/2020 3:00:00 PM	30.0	99	117	37	28.2	47.9%
10/15/2020 4:00:00 PM	31.0	299	352	43	29.1	51.4%
10/15/2020 5:00:00 PM	32.0	230	271	58	29.6	57.2%
10/15/2020 6:00:00 PM	31.0	152	179	38	28.8	53.1%
10/15/2020 7:00:00 PM	32.0	289	340	41	29.3	65.0%
10/15/2020 8:00:00 PM	33.0	200	235	40	29.7	77.4%
10/15/2020 9:00:00 PM	35.0	133	157	43	30.2	84.7%
10/15/2020 10:00:00 PM	37.0	94	110	58	32.4	84.5%
10/15/2020 11:00:00 PM	36.0	58	68	50	31.6	75.0%
10/16/2020 12:00:00 AM	37.0	17	20	40	31.6	90.0%
10/16/2020 1:00:00 AM	35.0	22	26	37	30.6	88.5%
10/16/2020 2:00:00 AM	34.0	4	5	35	33.3	60.0%
10/16/2020 3:00:00 AM	28.0	5	6	34	27.8	83.3%
10/16/2020 4:00:00 AM	34.0	6	7	38	31.2	71.4%
10/16/2020 5:00:00 AM	32.0	26	30	43	30.0	73.3%
10/16/2020 6:00:00 AM	34.0	73	86	38	30.0	87.2%
10/16/2020 7:00:00 AM	34.0	125	147	45	30.3	81.6%
10/16/2020 8:00:00 AM	32.0	168	198	47	29.2	76.8%
10/16/2020 9:00:00 AM	32.0	202	238	41	29.4	73.5%
10/16/2020 10:00:00 AM	32.0	227	267	51	29.3	76.8%
10/16/2020 11:00:00 AM	32.0	282	332	46	29.4	72.6%
10/16/2020 12:00:00 PM	33.0	266	313	47	29.8	75.5%
10/16/2020 1:00:00 PM	32.0	316	372	44	29.3	68.0%
10/16/2020 2:00:00 PM	33.0	332	391	40	29.6	82.1%
10/16/2020 3:00:00 PM	34.0	353	415	44	30.1	81.0%
10/16/2020 4:00:00 PM	34.0	350	412	43	29.8	83.7%
10/16/2020 5:00:00 PM	34.0	319	375	50	30.1	79.5%
10/16/2020 6:00:00 PM	34.0	286	337	49	30.0	85.5%
10/16/2020 7:00:00 PM	33.0	235	277	57	29.8	79.4%
10/16/2020 8:00:00 PM	34.0	173	203	44	30.2	87.7%
10/16/2020 9:00:00 PM	36.0	132	155	45	30.9	87.1%
10/16/2020 10:00:00 PM	36.0	99	117	42	30.9	92.3%
10/16/2020 11:00:00 PM	37.0	76	89	45	31.4	88.8%
10/17/2020 12:00:00 AM	37.0	52	61	48	32.4	78.7%
10/17/2020 1:00:00 AM	34.0	26	31	42	30.1	93.5%
10/17/2020 2:00:00 AM	30.0	10	12	36	28.2	83.3%
10/17/2020 3:00:00 AM	37.0	8	10	40	32.0	90.0%
10/17/2020 4:00:00 AM	34.0	6	7	40	30.8	85.7%
10/17/2020 5:00:00 AM	34.0	9	11	40	30.0	90.9%
10/17/2020 6:00:00 AM	35.0	27	32	40	31.3	71.9%
10/17/2020 7:00:00 AM	37.0	38	45	44	31.4	77.8%
10/17/2020 8:00:00 AM	36.0	80	94	45	31.0	79.8%
10/17/2020 9:00:00 AM	35.0	150	176	43	30.4	82.4%
10/17/2020 10:00:00 AM	33.0	198	233	44	29.8	76.0%
10/17/2020 11:00:00 AM	33.0	234	275	41	29.7	77.8%
10/17/2020 12:00:00 PM	33.0	278	327	40	29.4	67.3%
10/17/2020 1:00:00 PM	32.0	275	323	50	29.2	68.4%
10/17/2020 2:00:00 PM	33.0	308	362	42	29.6	75.4%

10/17/2020 3:00:00 PM	33.0	309	363	42	29.9	84.0%
10/17/2020 4:00:00 PM	33.0	308	362	40	29.6	82.0%
10/17/2020 5:00:00 PM	33.0	320	376	50	29.8	77.7%
10/17/2020 6:00:00 PM	34.0	280	329	45	30.1	81.8%
10/17/2020 7:00:00 PM	34.0	242	285	43	29.9	82.5%
10/17/2020 8:00:00 PM	34.0	187	220	46	30.3	79.6%
10/17/2020 9:00:00 PM	35.0	110	129	44	30.3	77.5%
10/17/2020 10:00:00 PM	34.0	100	118	44	30.2	80.7%
10/17/2020 11:00:00 PM	34.0	75	88	48	30.7	80.7%
10/18/2020 12:00:00 AM	34.0	32	38	42	30.4	73.7%
10/18/2020 1:00:00 AM	38.0	29	34	55	33.0	88.2%
10/18/2020 2:00:00 AM	34.0	20	24	38	31.1	70.8%
10/18/2020 3:00:00 AM	33.0	9	11	36	30.9	72.7%
10/18/2020 4:00:00 AM	35.0	8	9	41	31.9	77.8%
10/18/2020 5:00:00 AM	34.0	5	6	39	33.7	50.0%
10/18/2020 6:00:00 AM	38.0	25	29	43	32.0	100.0%
10/18/2020 7:00:00 AM	36.0	21	25	40	32.5	76.0%
10/18/2020 8:00:00 AM	33.0	40	47	38	29.9	85.1%
10/18/2020 9:00:00 AM	35.0	93	109	50	30.9	82.6%
10/18/2020 10:00:00 AM	34.0	157	185	46	30.3	73.0%
10/18/2020 11:00:00 AM	33.0	178	209	41	29.4	78.9%
10/18/2020 12:00:00 PM	34.0	210	247	45	30.2	81.4%
10/18/2020 1:00:00 PM	33.0	258	304	42	29.5	79.3%
10/18/2020 2:00:00 PM	34.0	235	277	54	30.4	78.7%
10/18/2020 3:00:00 PM	34.0	246	290	43	30.3	81.7%
10/18/2020 4:00:00 PM	34.0	274	322	44	29.8	78.6%
10/18/2020 5:00:00 PM	33.0	259	305	44	29.7	83.3%
10/18/2020 6:00:00 PM	34.0	224	264	44	30.4	78.4%
10/18/2020 7:00:00 PM	33.0	196	231	44	30.1	75.3%
10/18/2020 8:00:00 PM	34.0	141	166	40	29.8	80.7%
10/18/2020 9:00:00 PM	36.0	97	114	42	30.8	81.6%
10/18/2020 10:00:00 PM	33.0	68	80	45	30.1	76.3%
10/18/2020 11:00:00 PM	35.0	42	49	40	31.1	73.5%
10/19/2020 12:00:00 AM	38.0	20	24	42	32.4	83.3%
10/19/2020 1:00:00 AM	36.0	17	20	41	32.2	80.0%
10/19/2020 2:00:00 AM	38.0	4	5	44	33.5	80.0%
10/19/2020 3:00:00 AM	31.0	6	7	41	32.3	57.1%
10/19/2020 4:00:00 AM	30.0	9	11	42	29.9	63.6%
10/19/2020 5:00:00 AM	34.0	16	19	49	31.3	89.5%
10/19/2020 6:00:00 AM	34.0	73	86	44	30.8	77.9%
10/19/2020 7:00:00 AM	35.0	153	180	46	30.4	82.2%
10/19/2020 8:00:00 AM	32.0	199	234	50	29.3	70.1%
10/19/2020 9:00:00 AM	32.0	231	272	43	29.2	75.0%
10/19/2020 10:00:00 AM	33.0	198	233	42	29.5	71.7%
10/19/2020 11:00:00 AM	32.0	225	265	41	29.2	71.3%
10/19/2020 12:00:00 PM	32.0	258	304	40	29.3	76.6%
10/19/2020 1:00:00 PM	33.0	258	303	45	29.5	76.9%
10/19/2020 2:00:00 PM	33.0	300	353	57	29.6	81.3%
10/19/2020 3:00:00 PM	33.0	343	403	44	29.4	75.9%
10/19/2020 4:00:00 PM	33.0	361	425	43	29.4	76.5%

10/19/2020 5:00:00 PM	33.0	331	389	42	29.3	81.2%
10/19/2020 6:00:00 PM	32.0	305	359	42	29.2	77.8%
10/19/2020 7:00:00 PM	33.0	190	224	44	29.4	84.8%
10/19/2020 8:00:00 PM	35.0	144	169	44	30.3	83.4%
10/19/2020 9:00:00 PM	34.0	97	114	41	30.4	81.6%
10/19/2020 10:00:00 PM	34.0	60	71	38	30.0	85.9%
10/19/2020 11:00:00 PM	34.0	38	45	45	30.3	86.7%
10/20/2020 12:00:00 AM	35.0	26	30	40	29.8	76.7%
10/20/2020 1:00:00 AM	35.0	22	26	40	31.2	76.9%
10/20/2020 2:00:00 AM	37.0	7	8	40	32.1	100.0%
10/20/2020 3:00:00 AM	37.0	5	6	38	34.3	66.7%
10/20/2020 4:00:00 AM	35.0	14	16	40	30.3	75.0%
10/20/2020 5:00:00 AM	34.0	26	31	41	31.2	83.9%
10/20/2020 6:00:00 AM	35.0	82	97	44	30.3	80.6%
10/20/2020 7:00:00 AM	33.0	143	168	46	29.7	73.8%
10/20/2020 8:00:00 AM	32.0	208	245	40	29.3	74.3%
10/20/2020 9:00:00 AM	32.0	245	288	40	28.8	72.6%
10/20/2020 10:00:00 AM	33.0	231	272	40	29.7	75.7%
10/20/2020 11:00:00 AM	33.0	230	270	46	29.5	76.7%
10/20/2020 12:00:00 PM	32.0	285	335	46	29.3	71.9%
10/20/2020 1:00:00 PM	32.0	307	361	39	29.1	71.7%
10/20/2020 2:00:00 PM	33.0	367	432	44	29.2	79.4%
10/20/2020 3:00:00 PM	33.0	377	443	45	29.7	76.1%
10/20/2020 4:00:00 PM	33.0	414	487	42	29.4	80.5%
10/20/2020 5:00:00 PM	33.0	350	412	44	29.5	80.1%
10/20/2020 6:00:00 PM	34.0	366	430	44	29.8	77.2%
10/20/2020 7:00:00 PM	33.0	274	322	43	29.7	71.4%
10/20/2020 8:00:00 PM	33.0	174	205	40	29.7	78.5%
10/20/2020 9:00:00 PM	34.0	109	128	57	30.3	77.3%
10/20/2020 10:00:00 PM	35.0	86	101	47	30.4	78.2%
10/20/2020 11:00:00 PM	35.0	47	55	42	30.8	76.4%
10/21/2020 12:00:00 AM	34.0	26	31	42	30.4	93.5%
10/21/2020 1:00:00 AM	33.0	11	13	41	32.1	53.8%
10/21/2020 2:00:00 AM	35.0	9	11	38	31.8	90.9%
10/21/2020 3:00:00 AM	32.0	4	5	33	29.5	80.0%
10/21/2020 4:00:00 AM	35.0	8	10	37	31.8	60.0%
10/21/2020 5:00:00 AM	35.0	28	33	41	31.2	81.8%
10/21/2020 6:00:00 AM	36.0	85	100	46	30.8	88.0%
10/21/2020 7:00:00 AM	34.0	148	174	53	30.1	77.0%
10/21/2020 8:00:00 AM	32.0	171	201	40	28.9	73.6%
10/21/2020 9:00:00 AM	33.0	225	265	44	29.5	73.6%
10/21/2020 10:00:00 AM	32.0	233	274	50	29.3	71.5%
10/21/2020 11:00:00 AM	32.0	240	282	52	28.8	79.1%
10/21/2020 12:00:00 PM	33.0	262	308	42	29.6	72.4%
10/21/2020 1:00:00 PM	33.0	264	311	48	29.6	73.6%
10/21/2020 2:00:00 PM	32.0	281	331	41	29.0	68.6%
10/21/2020 3:00:00 PM	32.0	377	444	41	29.1	77.5%
10/21/2020 4:00:00 PM	33.0	386	454	50	29.9	73.3%
10/21/2020 5:00:00 PM	33.0	385	453	46	29.6	76.2%
10/21/2020 6:00:00 PM	33.0	366	431	45	29.8	81.9%

10/21/2020 7:00:00 PM	32.0	292	343	43	29.3	75.8%
10/21/2020 8:00:00 PM	34.0	164	193	45	30.4	74.6%
10/21/2020 9:00:00 PM	33.0	135	159	44	30.0	71.7%
10/21/2020 10:00:00 PM	34.0	84	99	53	30.6	78.8%
10/21/2020 11:00:00 PM	35.0	47	55	44	31.3	90.9%
10/22/2020 12:00:00 AM	36.0	21	25	52	32.2	84.0%
10/22/2020 1:00:00 AM	38.0	25	29	44	31.4	79.3%
10/22/2020 2:00:00 AM	40.0	5	6	40	34.8	83.3%
10/22/2020 3:00:00 AM	32.0	4	5	36	29.8	100.0%
10/22/2020 4:00:00 AM	30.0	10	12	36	29.0	91.7%
10/22/2020 5:00:00 AM	36.0	31	37	40	31.1	75.7%
10/22/2020 6:00:00 AM	34.0	78	92	56	30.9	75.0%
10/22/2020 7:00:00 AM	35.0	138	162	50	30.4	82.2%
10/22/2020 8:00:00 AM	32.0	196	230	43	28.9	70.0%
10/22/2020 9:00:00 AM	32.0	258	304	41	29.1	66.8%
10/22/2020 10:00:00 AM	31.0	213	251	38	28.7	64.1%
10/22/2020 11:00:00 AM	32.0	242	285	43	29.3	69.1%
10/22/2020 12:00:00 PM	32.0	293	345	43	29.1	73.3%
10/22/2020 1:00:00 PM	33.0	290	341	48	29.4	71.8%
10/22/2020 2:00:00 PM	32.0	338	398	44	29.4	69.3%
10/22/2020 3:00:00 PM	33.0	376	442	47	29.7	80.5%
10/22/2020 4:00:00 PM	33.0	387	455	42	29.6	78.0%
10/22/2020 5:00:00 PM	32.0	394	464	42	29.2	78.9%
10/22/2020 6:00:00 PM	33.0	394	463	42	29.7	82.7%
10/22/2020 7:00:00 PM	33.0	268	315	44	29.9	73.4%
10/22/2020 8:00:00 PM	33.0	176	207	46	29.3	76.3%
10/22/2020 9:00:00 PM	33.0	113	133	47	29.4	69.2%
10/22/2020 10:00:00 PM	35.0	83	98	44	30.4	74.5%
10/22/2020 11:00:00 PM	36.0	51	60	50	31.6	81.7%
10/23/2020 12:00:00 AM	36.0	32	38	47	30.7	81.6%
10/23/2020 1:00:00 AM	36.0	22	26	63	32.3	92.3%
10/23/2020 2:00:00 AM	38.0	11	13	40	33.1	76.9%
10/23/2020 3:00:00 AM	31.0	5	6	35	30.3	66.7%
10/23/2020 4:00:00 AM	32.0	9	11	36	30.5	72.7%
10/23/2020 5:00:00 AM	36.0	17	20	43	32.2	70.0%
10/23/2020 6:00:00 AM	36.0	71	83	44	30.7	78.3%
10/23/2020 7:00:00 AM	34.0	136	160	48	30.1	80.0%
10/23/2020 8:00:00 AM	32.0	158	186	42	29.0	75.8%
10/23/2020 9:00:00 AM	32.0	184	216	42	29.4	75.9%
10/23/2020 10:00:00 AM	32.0	218	257	44	29.1	69.6%
10/23/2020 11:00:00 AM	33.0	245	288	45	29.8	77.4%
10/23/2020 12:00:00 PM	33.0	272	320	42	29.7	73.8%
10/23/2020 1:00:00 PM	32.0	280	329	41	29.3	75.7%
10/23/2020 2:00:00 PM	33.0	299	352	69	29.5	73.0%
10/23/2020 3:00:00 PM	33.0	310	365	48	29.6	78.1%
10/23/2020 4:00:00 PM	34.0	354	416	46	29.6	79.8%
10/23/2020 5:00:00 PM	33.0	322	379	45	29.7	79.2%
10/23/2020 6:00:00 PM	33.0	312	367	44	29.8	78.7%
10/23/2020 7:00:00 PM	34.0	261	307	42	30.2	76.9%
10/23/2020 8:00:00 PM	34.0	173	203	49	30.1	78.3%

10/23/2020 9:00:00 PM	34.0	140	165	48	30.1	80.6%
10/23/2020 10:00:00 PM	35.0	94	111	62	30.9	79.3%
10/23/2020 11:00:00 PM	34.0	76	90	46	30.5	81.1%
10/24/2020 12:00:00 AM	36.0	43	51	44	31.3	88.2%
10/24/2020 1:00:00 AM	36.0	22	26	44	31.6	92.3%
10/24/2020 2:00:00 AM	28.0	11	13	33	27.9	53.8%
10/24/2020 3:00:00 AM	40.0	7	8	41	35.0	75.0%
10/24/2020 4:00:00 AM	34.0	9	11	41	30.8	90.9%
10/24/2020 5:00:00 AM	35.0	8	9	38	31.9	77.8%
10/24/2020 6:00:00 AM	36.0	30	35	44	30.6	85.7%
10/24/2020 7:00:00 AM	33.0	43	51	44	30.2	74.5%
10/24/2020 8:00:00 AM	34.0	88	104	40	30.2	71.2%
10/24/2020 9:00:00 AM	34.0	143	168	41	30.0	75.6%
10/24/2020 10:00:00 AM	34.0	213	251	44	29.9	80.1%
10/24/2020 11:00:00 AM	34.0	279	328	45	30.2	79.9%
10/24/2020 12:00:00 PM	33.0	298	351	41	29.9	81.8%
10/24/2020 1:00:00 PM	33.0	332	390	45	29.5	74.1%
10/24/2020 2:00:00 PM	34.0	340	400	44	30.4	81.3%
10/24/2020 3:00:00 PM	32.0	324	381	50	29.3	80.6%
10/24/2020 4:00:00 PM	33.0	357	420	41	29.7	73.6%
10/24/2020 5:00:00 PM	33.0	320	376	48	29.8	75.5%
10/24/2020 6:00:00 PM	33.0	354	417	43	29.6	79.6%
10/24/2020 7:00:00 PM	34.0	279	328	48	29.8	74.1%
10/24/2020 8:00:00 PM	34.0	179	211	56	30.3	77.7%
10/24/2020 9:00:00 PM	33.0	131	154	43	30.0	77.9%
10/24/2020 10:00:00 PM	33.0	105	124	41	29.8	85.5%
10/24/2020 11:00:00 PM	37.0	76	90	45	31.6	81.1%
10/25/2020 12:00:00 AM	35.0	48	57	47	30.8	73.7%
10/25/2020 1:00:00 AM	35.0	28	33	41	31.7	78.8%
10/25/2020 2:00:00 AM	37.0	11	13	45	32.9	69.2%
10/25/2020 3:00:00 AM	38.0	5	6	38	31.4	83.3%
10/25/2020 4:00:00 AM	33.0	8	10	42	32.6	90.0%
10/25/2020 5:00:00 AM	30.0	3	4	34	29.3	75.0%
10/25/2020 6:00:00 AM	37.0	20	23	41	32.6	73.9%
10/25/2020 7:00:00 AM	35.0	31	36	43	31.4	83.3%
10/25/2020 8:00:00 AM	34.0	59	69	45	30.6	82.6%
10/25/2020 9:00:00 AM	33.0	95	112	39	29.7	64.3%
10/25/2020 10:00:00 AM	33.0	120	141	43	29.8	69.5%
10/25/2020 11:00:00 AM	32.0	135	159	50	29.4	73.0%
10/25/2020 12:00:00 PM	32.0	154	181	41	29.0	66.9%
10/25/2020 1:00:00 PM	32.0	202	238	42	29.1	64.3%
10/25/2020 2:00:00 PM	32.0	178	209	45	29.3	67.9%
10/25/2020 3:00:00 PM	34.0	283	333	48	29.9	73.6%
10/25/2020 4:00:00 PM	33.0	315	371	47	29.9	77.9%
10/25/2020 5:00:00 PM	34.0	320	377	46	30.5	78.2%
10/25/2020 6:00:00 PM	34.0	250	294	50	30.3	84.1%
10/25/2020 7:00:00 PM	34.0	190	223	54	30.3	79.9%
10/25/2020 8:00:00 PM	35.0	140	165	41	30.4	84.2%
10/25/2020 9:00:00 PM	35.0	68	80	47	30.8	77.5%
10/25/2020 10:00:00 PM	35.0	105	123	42	29.9	84.6%

10/25/2020 11:00:00 PM	34.0	54	64	43	30.7	79.7%
10/26/2020 12:00:00 AM	36.0	17	20	47	31.4	95.0%
10/26/2020 1:00:00 AM	35.0	11	13	37	31.2	69.2%
10/26/2020 2:00:00 AM	33.0	6	7	34	30.0	85.7%
10/26/2020 3:00:00 AM	35.0	3	3	35	30.3	100.0%
10/26/2020 4:00:00 AM	33.0	5	6	36	29.6	83.3%
10/26/2020 5:00:00 AM	35.0	25	29	39	29.9	82.8%
10/26/2020 6:00:00 AM	35.0	80	94	41	30.8	83.0%
10/26/2020 7:00:00 AM	33.0	136	160	50	29.8	81.9%
10/26/2020 8:00:00 AM	32.0	182	214	40	29.1	67.3%
10/26/2020 9:00:00 AM	32.0	147	173	50	29.2	69.9%

Day/Time Ending	85th pctl (mph)	85th pctl cnts	Total Cnts	Max Speed	Avg Speeder	% Speeders
10/14/2020 12:00:00 AM	33.0	2936	3454	71	29.8	77.5%
10/15/2020 12:00:00 AM	33.0	4222	4967	65	29.8	79.2%
10/16/2020 12:00:00 AM	33.0	3582	4214	58	29.7	70.5%
10/17/2020 12:00:00 AM	34.0	4130	4859	57	29.9	79.7%
10/18/2020 12:00:00 AM	34.0	3609	4246	50	29.9	78.0%
10/19/2020 12:00:00 AM	34.0	2857	3361	55	30.2	79.5%
10/20/2020 12:00:00 AM	33.0	3843	4521	57	29.6	77.7%
10/21/2020 12:00:00 AM	33.0	4394	5169	57	29.6	76.4%
10/22/2020 12:00:00 AM	33.0	4228	4974	53	29.6	75.6%
10/23/2020 12:00:00 AM	33.0	4396	5172	56	29.5	74.7%
10/24/2020 12:00:00 AM	33.0	4013	4721	69	29.8	77.1%
10/25/2020 12:00:00 AM	33.0	3998	4703	56	29.9	78.0%
10/26/2020 12:00:00 AM	34.0	2791	3284	54	30.1	75.7%
10/26/2020 8:59:59 AM	33.0	594	699	50	29.7	74.5%

	2020-10-12	to	2020-10-18							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%
Hour	2020-10-12	2020-10-13	2020-10-14	2020-10-15	2020-10-16	2020-10-17	2020-10-18	Day Avg	Avg	Avg Speed
0 - 1	*	*	22	14	26	31	34	20.67	32.5	34.57
1 - 2	*	*	7	9	5	12	24	7	18	36.83
2 - 3	*	*	6	7	6	10	11	6.33	10.5	35
3 - 4	*	*	10	10	7	7	9	9	8	35.67
4 - 5	*	*	38	37	30	11	6	35	8.5	34.33
5 - 6	*	*	86	98	86	32	29	90	30.5	34.23
6 - 7	*	*	174	163	147	45	25	161.33	35	33.87
7 - 8	*	*	197	227	198	94	47	207.33	70.5	31.77
8 - 9	*	*	271	287	238	176	109	265.33	142.5	32.63
9 - 10	*	*	253	258	267	233	185	259.33	209	31.8
10 - 11	*	*	305	287	332	275	209	308	242	32.3
11 - 12	*	280	315	333	313	327	247	310.25	287	32.2
12 - 13	*	360	337	330	372	323	304	349.75	313.5	32.22
13 - 14	*	289	350	305	391	362	277	333.75	319.5	32.53
14 - 15	*	420	430	117	415	363	290	345.5	326.5	32.15
15 - 16	*	432	392	352	412	362	322	397	342	32.48
16 - 17	*	442	439	271	375	376	305	381.75	340.5	31.92
17 - 18	*	391	383	179	337	329	264	322.5	296.5	32.33
18 - 19	*	317	395	340	277	285	231	332.25	258	32.78
19 - 20	*	215	232	235	203	220	166	221.25	193	33.17
20 - 21	*	115	150	157	155	129	114	144.25	121.5	34.75
21 - 22	*	94	85	110	117	118	80	101.5	99	35.72
22 - 23	*	60	66	68	89	88	49	70.75	68.5	35.45
23 - 24	*	39	24	20	61	38	24	36	31	36.62
Totals	0	3454	4967	4214	4859	4246	3361			
% of Total	0%	13.76%	19.79%	16.79%	19.36%	16.92%	13.39%			

	2020-10-19	to	2020-10-25							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%
Hour	2020-10-19	2020-10-20	2020-10-21	2020-10-22	2020-10-23	2020-10-24	2020-10-25	Day Avg	Avg	Avg Speed
0 - 1	20	26	13	29	26	26	33	22.8	29.5	35.44
1 - 2	5	8	11	6	13	13	13	8.6	13	37.5
2 - 3	7	6	5	5	6	8	6	5.8	7	32.6
3 - 4	11	16	10	12	11	11	10	12	10.5	32.34
4 - 5	19	31	33	37	20	9	4	28	6.5	34.96
5 - 6	86	97	100	92	83	35	23	91.6	29	34.46
6 - 7	180	168	174	162	160	51	36	168.8	43.5	33.64
7 - 8	234	245	201	230	186	104	69	219.2	86.5	31.46
8 - 9	272	288	265	304	216	168	112	269	140	31.6
9 - 10	233	272	274	251	257	251	141	257.4	196	31.78
10 - 11	265	270	282	285	288	328	159	278	243.5	32.06
11 - 12	304	335	308	345	320	351	181	322.4	266	32.22
12 - 13	303	361	311	341	329	390	238	329	314	31.98
13 - 14	353	432	331	398	352	400	209	373.2	304.5	31.9
14 - 15	403	443	444	442	365	381	333	419.4	357	32.32
15 - 16	425	487	454	455	416	420	371	447.4	395.5	32.5
16 - 17	389	412	453	464	379	376	377	419.4	376.5	32.32
17 - 18	359	430	431	463	367	417	294	410	355.5	32.68
18 - 19	224	322	343	315	307	328	223	302.2	275.5	32.72
19 - 20	169	205	193	207	203	211	165	195.4	188	33.34
20 - 21	114	128	159	133	165	154	80	139.8	117	33.3
21 - 22	71	101	99	98	111	124	123	96	123.5	34.18
22 - 23	45	55	55	60	90	90	64	61	77	34.46
23 - 24	30	31	25	38	51	57	20	35	38.5	34.94
Totals	4521	5169	4974	5172	4721	4703	3284			
% of Total	13.89%	15.88%	15.28%	15.89%	14.51%	14.45%	10.09%			

	Oct 2020									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%
Hour								Day Avg	Avg	Avg Speed
0 - 1	33	26	35	43	52	57	67	37.8	62	35.78
1 - 2	12	8	18	15	18	25	37	14.2	31	36.6
2 - 3	10	6	11	12	12	18	17	10.2	17.5	33.6
3 - 4	17	16	20	22	18	18	19	18.6	18.5	34.94
4 - 5	48	31	71	74	50	20	10	54.8	15	35.14
5 - 6	180	97	186	190	169	67	52	164.4	59.5	34.34
6 - 7	340	168	348	325	307	96	61	297.6	78.5	33.56
7 - 8	448	245	398	457	384	198	116	386.4	157	31.64
8 - 9	445	288	536	591	454	344	221	462.8	282.5	31.86
9 - 10	233	272	527	509	524	484	326	413	405	31.94
10 - 11	265	270	587	572	620	603	368	462.8	485.5	32.14
11 - 12	304	615	623	678	633	678	428	570.6	553	32.18
12 - 13	303	721	648	671	701	713	542	608.8	627.5	32.16
13 - 14	353	721	681	703	743	762	486	640.2	624	32.18
14 - 15	403	863	874	559	780	744	623	695.8	683.5	32.48
15 - 16	425	919	846	807	828	782	693	765	737.5	32.48
16 - 17	389	854	892	735	754	752	682	724.8	717	32.18
17 - 18	359	821	814	642	704	746	558	668	652	32.58
18 - 19	224	639	738	655	584	613	454	568	533.5	32.72
19 - 20	169	420	425	442	406	431	331	372.4	381	33.38
20 - 21	114	243	309	290	320	283	194	255.2	238.5	33.96
21 - 22	71	195	184	208	228	242	203	177.2	222.5	34.8
22 - 23	45	115	121	128	179	178	113	117.6	145.5	34.92
23 - 24	30	70	49	58	112	95	44	63.8	69.5	35.68
Totals	5220	8623	9941	9386	9580	8949	6645			
% of Total	8.95%	14.78%	17.04%	16.09%	16.42%	15.34%	11.39%			

	2020-10-12	to	2020-10-18							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%
Hour	2020-10-12	2020-10-13	2020-10-14	2020-10-15	2020-10-16	2020-10-17	2020-10-18	Day Avg	Avg	Avg Speed
0 - 1	*	*	31.91	28.64	30.73	30.48	32.94	30.43	31.71	34.57
1 - 2	*	*	29.57	30.67	28.6	28.42	29.71	29.61	29.06	36.83
2 - 3	*	*	36.17	32	28.33	32.1	29.09	32.17	30.6	35
3 - 4	*	*	35.1	29.7	30.29	30.43	30.89	31.7	30.66	35.67
4 - 5	*	*	31.58	30.73	29.33	30.18	28.83	30.55	29.51	34.33
5 - 6	*	*	30.65	30.74	29.77	30.09	32.97	30.39	31.53	34.23
6 - 7	*	*	30.3	29.79	30.01	30.6	31.32	30.03	30.96	33.87
7 - 8	*	*	29.15	28.85	28.95	30.59	29.77	28.99	30.18	31.77
8 - 9	*	*	29.77	29.29	28.87	30.15	30.57	29.31	30.36	32.63
9 - 10	*	*	29.05	28.49	28.91	29.26	29.39	28.82	29.33	31.8
10 - 11	*	*	28.98	29.08	28.78	29.36	29.14	28.95	29.25	32.3
11 - 12	*	28.73	28.79	29.06	29.15	28.35	29.98	28.93	29.16	32.2
12 - 13	*	29.27	28.66	29.16	28.36	28.3	29.29	28.86	28.8	32.22
13 - 14	*	29.2	29.2	28.01	29.56	29.12	29.96	28.99	29.54	32.53
14 - 15	*	29.78	29.62	26.14	29.82	29.83	30.05	28.84	29.94	32.15
15 - 16	*	29.79	29.77	27.02	29.72	29.47	29.46	29.07	29.46	32.48
16 - 17	*	28.15	28.44	27.79	29.77	29.42	29.76	28.54	29.59	31.92
17 - 18	*	28.95	29.61	27.05	30.02	29.86	29.88	28.91	29.87	32.33
18 - 19	*	29.55	30.08	28.12	29.46	29.79	29.49	29.3	29.64	32.78
19 - 20	*	29.98	29.55	29.43	30.32	29.95	29.63	29.82	29.79	33.17
20 - 21	*	30.63	29.79	30.04	31.04	29.81	30.38	30.38	30.1	34.75
21 - 22	*	30.62	31.36	31.94	31.32	29.91	29.52	31.31	29.72	35.72
22 - 23	*	30.07	31.64	30.38	31.56	30.12	30.06	30.91	30.09	35.45
23 - 24	*	33.46	31.46	31.95	31.49	29.58	31.92	32.09	30.75	36.62

	2020-10-19	to	2020-10-25							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%
Hour	2020-10-19	2020-10-20	2020-10-21	2020-10-22	2020-10-23	2020-10-24	2020-10-25	Day Avg	Avg	Avg Speed
0 - 1	31.25	30.15	29.38	30.69	32.54	31.77	30.88	30.8	31.32	35.44
1 - 2	32.2	33.12	32.09	34	31.77	26.62	31.08	32.64	28.85	37.5
2 - 3	29.57	31	29.6	30.8	29.5	33.12	31.33	30.09	32.23	32.6
3 - 4	28.55	29.88	29.7	29.67	29.64	31.09	32.2	29.48	31.65	32.34
4 - 5	31.53	31.03	30.88	29.84	30.6	30.89	28.75	30.78	29.82	34.96
5 - 6	29.98	29.87	30.92	29.78	30	30.54	30.83	30.11	30.68	34.46
6 - 7	30.13	29.13	29.67	30.25	29.67	29.39	31.08	29.77	30.24	33.64
7 - 8	28.59	28.76	28.37	28.09	28.62	29.12	30.39	28.49	29.76	31.46
8 - 9	28.85	28.19	28.85	28.22	29.07	29.43	28.4	28.64	28.92	31.6
9 - 10	28.86	29.19	28.63	27.77	28.4	29.64	28.52	28.57	29.08	31.78
10 - 11	28.47	28.97	28.58	28.44	29.39	29.83	28.75	28.77	29.29	32.06
11 - 12	28.94	28.68	28.85	28.59	29.01	29.76	28.03	28.82	28.9	32.22
12 - 13	29.17	28.33	28.97	28.58	28.84	28.9	27.95	28.78	28.43	31.98
13 - 14	29.48	28.96	28.21	28.57	28.84	30.08	28.26	28.81	29.17	31.9
14 - 15	28.94	29.17	28.94	29.54	29.28	29.29	29.02	29.17	29.15	32.32
15 - 16	28.98	29.29	29.16	29.25	29.4	29.09	29.49	29.22	29.29	32.5
16 - 17	29.32	29.35	29.19	29.09	29.46	29.17	29.98	29.28	29.57	32.32
17 - 18	28.98	29.4	29.57	29.62	29.42	29.33	30.33	29.4	29.83	32.68
18 - 19	29.49	28.85	28.76	29.09	29.64	29.17	29.99	29.17	29.58	32.72
19 - 20	30.13	29.43	29.47	28.88	29.67	29.74	30.36	29.52	30.05	33.34
20 - 21	30.14	29.62	29.08	28.3	29.92	29.53	30.15	29.41	29.84	33.3
21 - 22	30.1	29.89	29.95	29.51	30.32	29.94	29.87	29.95	29.9	34.18
22 - 23	30.4	30.13	31.67	31.2	30.16	31	30.06	30.71	30.53	34.46
23 - 24	29.4	30.71	32	30.29	31.35	29.98	32.05	30.75	31.02	34.94

	Oct 2020									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%
Hour								Day Avg	Avg	Avg Speed
0 - 1	30.73	30.15	30.97	30.02	31.63	31.07	31.93	30.7	31.5	35.78
1 - 2	31	33.12	31.11	32	30.89	27.48	30.19	31.62	28.83	36.6
2 - 3	30.1	31	33.18	31.5	28.92	32.56	29.88	30.94	31.22	33.6
3 - 4	28.76	29.88	32.4	29.68	29.89	30.83	31.58	30.12	31.21	34.94
4 - 5	30.6	31.03	31.25	30.28	29.84	30.5	28.8	30.6	29.65	35.14
5 - 6	30.23	29.87	30.8	30.28	29.88	30.33	32.02	30.21	31.17	34.34
6 - 7	29.88	29.13	29.99	30.02	29.83	29.96	31.18	29.77	30.57	33.56
7 - 8	28.41	28.76	28.76	28.47	28.79	29.82	30.14	28.64	29.98	31.64
8 - 9	28.67	28.19	29.32	28.74	28.97	29.8	29.47	28.78	29.64	31.86
9 - 10	28.86	29.19	28.83	28.14	28.66	29.46	29.02	28.74	29.24	31.94
10 - 11	28.47	28.97	28.79	28.76	29.06	29.62	28.97	28.81	29.29	32.14
11 - 12	28.94	28.71	28.82	28.82	29.08	29.08	29.15	28.87	29.12	32.18
12 - 13	29.17	28.8	28.81	28.86	28.59	28.63	28.7	28.85	28.67	32.16
13 - 14	29.48	29.05	28.72	28.33	29.22	29.62	29.23	28.96	29.43	32.18
14 - 15	28.94	29.47	29.27	28.83	29.57	29.56	29.5	29.21	29.53	32.48
15 - 16	28.98	29.53	29.44	28.28	29.56	29.26	29.48	29.16	29.37	32.48
16 - 17	29.32	28.73	28.82	28.61	29.62	29.3	29.88	29.02	29.59	32.18
17 - 18	28.98	29.19	29.59	28.9	29.7	29.57	30.11	29.27	29.84	32.58
18 - 19	29.49	29.2	29.47	28.58	29.55	29.46	29.74	29.26	29.6	32.72
19 - 20	30.13	29.71	29.52	29.18	29.99	29.85	30	29.7	29.92	33.38
20 - 21	30.14	30.09	29.43	29.24	30.46	29.66	30.28	29.87	29.97	33.96
21 - 22	30.1	30.24	30.6	30.79	30.83	29.92	29.73	30.51	29.83	34.8
22 - 23	30.4	30.1	31.65	30.77	30.85	30.57	30.06	30.75	30.31	34.92
23 - 24	29.4	32.24	31.73	30.86	31.43	29.82	31.98	31.13	30.9	35.68

	2020-10-12	to	2020-10-18							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%
Hour	2020-10-12	2020-10-13	2020-10-14	2020-10-15	2020-10-16	2020-10-17	2020-10-18	Day Avg	Avg	Avg Speed
0 - 1	*	*	36.5	32.5	34.7	34	37.2	34.57	35.6	34.57
1 - 2	*	*	40	36.5	34	30	34	36.83	32	36.83
2 - 3	*	*	39	38	28	37	33	35	35	35
3 - 4	*	*	41	32	34	34	35	35.67	34.5	35.67
4 - 5	*	*	36	35	32	34	34	34.33	34	34.33
5 - 6	*	*	33.7	35	34	35	37.5	34.23	36.25	34.23
6 - 7	*	*	33.9	33.8	33.9	36.7	36	33.87	36.35	33.87
7 - 8	*	*	31.4	32.1	31.8	35.2	33	31.77	34.1	31.77
8 - 9	*	*	33.2	33	31.7	34.4	34.2	32.63	34.3	32.63
9 - 10	*	*	31.9	31.7	31.8	32.6	33.4	31.8	33	31.8
10 - 11	*	*	31.9	33	32	32.9	32.4	32.3	32.65	32.3
11 - 12	*	32	32	32.2	32.6	32.2	33.9	32.2	33.05	32.2
12 - 13	*	32.6	32.2	32.2	31.9	31.6	32.7	32.22	32.15	32.22
13 - 14	*	32.6	33.2	31.9	32.4	32.6	33.9	32.53	33.25	32.53
14 - 15	*	32.9	32.6	29.6	33.5	33	33.5	32.15	33.25	32.15
15 - 16	*	33	33.3	30.6	33	32.8	33.1	32.48	32.95	32.48
16 - 17	*	31.2	31.5	31.8	33.2	33	33	31.92	33	31.92
17 - 18	*	32.4	33.6	30.2	33.1	33.4	33.9	32.33	33.65	32.33
18 - 19	*	33.2	33.5	31.7	32.7	33.2	32.9	32.78	33.05	32.78
19 - 20	*	33.8	32.7	32.5	33.7	33.9	33.1	33.17	33.5	33.17
20 - 21	*	34.9	34.4	34.1	35.6	34.4	35.3	34.75	34.85	34.75
21 - 22	*	34.6	35.6	37	35.7	34	33	35.72	33.5	35.72
22 - 23	*	33	37	35.3	36.5	34	35	35.45	34.5	35.45
23 - 24	*	36	37	37	36.5	33.5	38	36.62	35.75	36.62

	2020-10-19	to	2020-10-25							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%
Hour	2020-10-19	2020-10-20	2020-10-21	2020-10-22	2020-10-23	2020-10-24	2020-10-25	Day Avg	Avg	Avg Speed
0 - 1	36	34.7	33	37.5	36	36	35	35.44	35.5	35.44
1 - 2	38	37	35	39.5	38	28	37	37.5	32.5	37.5
2 - 3	31	37	32	32	31	40	37.5	32.6	38.75	32.6
3 - 4	30	34.7	35	30	32	34	33	32.34	33.5	32.34
4 - 5	33.8	34	35	36	36	35	30	34.96	32.5	34.96
5 - 6	33.5	34.3	35.2	33.6	35.7	35.5	36.5	34.46	36	34.46
6 - 7	34.5	32.5	33.1	34.6	33.5	32.6	35	33.64	33.8	33.64
7 - 8	31.4	32	31.2	31.2	31.5	33.3	34	31.46	33.65	31.46
8 - 9	31.6	31	32.3	31.2	31.9	33.2	32.5	31.6	32.85	31.6
9 - 10	32.3	32.8	31.7	30.7	31.4	33.2	32.3	31.78	32.75	31.78
10 - 11	32	32.1	31.6	31.8	32.8	33.5	31.5	32.06	32.5	32.06
11 - 12	32	32	32.6	31.8	32.7	33	31.2	32.22	32.1	32.22
12 - 13	32.5	31.6	32.1	32	31.7	32.4	31.3	31.98	31.85	31.98
13 - 14	32.1	32.1	31.2	31.7	32.4	33.6	31.9	31.9	32.75	31.9
14 - 15	32.3	32.2	31.6	32.8	32.7	32	33.6	32.32	32.8	32.32
15 - 16	32	32.2	32.9	32.4	33	32.5	32.8	32.5	32.65	32.5
16 - 17	32.1	32.2	32.8	31.8	32.7	32.9	33.8	32.32	33.35	32.32
17 - 18	31.9	33.2	32.6	32.8	32.9	32.4	33.9	32.68	33.15	32.68
18 - 19	32.5	33	31.9	32.8	33.4	33.2	33.8	32.72	33.5	32.72
19 - 20	34.3	33	33.6	32.2	33.6	33.2	34.1	33.34	33.65	33.34
20 - 21	34	34	32.9	32.1	33.5	33	35	33.3	34	33.3
21 - 22	34	34.8	33.3	34.1	34.7	33	34.2	34.18	33.6	34.18
22 - 23	33.7	34.3	35	35.5	33.8	36.7	33.6	34.46	35.15	34.46
23 - 24	35	33.5	35.5	35.5	35.2	34.5	36	34.94	35.25	34.94

	Oct 2020									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%
Hour								Day Avg	Avg	Avg Speed
0 - 1	35.5	34.7	36.5	37	35.2	35	36	35.78	35.5	35.78
1 - 2	34	37	36	39	37	29.7	35	36.6	32.35	36.6
2 - 3	31	37	33	36	31	39.3	35	33.6	37.15	33.6
3 - 4	33	34.7	40.5	32.5	34	34	35	34.94	34.5	34.94
4 - 5	34	34	35.7	38	34	35	33.5	35.14	34.25	35.14
5 - 6	34.7	34.3	34	34.2	34.5	35.2	36.7	34.34	35.95	34.34
6 - 7	33.9	32.5	33.6	34.2	33.6	35	36	33.56	35.5	33.56
7 - 8	31.5	32	31.3	31.7	31.7	33.9	33.6	31.64	33.75	31.64
8 - 9	31.5	31	32.7	32.3	31.8	33.8	33.4	31.86	33.6	31.86
9 - 10	32.3	32.8	31.8	31.2	31.6	33	32.8	31.94	32.9	31.94
10 - 11	32	32.1	31.8	32.4	32.4	33.2	32	32.14	32.6	32.14
11 - 12	32	32	32.3	32	32.6	32.7	32.8	32.18	32.75	32.18
12 - 13	32.5	32.2	32.2	32.1	31.8	32.1	32.3	32.16	32.2	32.16
13 - 14	32.1	32.3	32.3	31.8	32.4	33.1	33	32.18	33.05	32.18
14 - 15	32.3	32.6	32.1	32.4	33	32.6	33.6	32.48	33.1	32.48
15 - 16	32	32.5	33.1	31.8	33	32.6	32.9	32.48	32.75	32.48
16 - 17	32.1	31.8	32.2	31.8	33	32.9	33.6	32.18	33.25	32.18
17 - 18	31.9	32.9	33	32	33.1	32.9	33.9	32.58	33.4	32.58
18 - 19	32.5	33.1	32.8	32.2	33	33.2	33.2	32.72	33.2	32.72
19 - 20	34.3	33.4	33.2	32.4	33.6	33.6	33.6	33.38	33.6	33.38
20 - 21	34	34.5	33.9	32.9	34.5	33.5	35.1	33.96	34.3	33.96
21 - 22	34	34.7	34.6	35.5	35.2	33.6	33.4	34.8	33.5	34.8
22 - 23	33.7	33.7	36.3	35.4	35.5	36	34.3	34.92	35.15	34.92
23 - 24	35	35	36.7	36	35.7	34.3	37.3	35.68	35.8	35.68

Starting Hour	Count	Average Speed of all Traffic	Violator Counts	Average Speed of Violators
00:00:00	313	31.1	275	32.2
01:00:00	133	30.4	107	32.1
02:00:00	86	31.1	75	32.2
03:00:00	130	30.5	112	31.5
04:00:00	304	30.5	259	31.7
05:00:00	941	30.4	821	31.5
06:00:00	1645	29.9	1438	30.8
07:00:00	2246	28.8	1876	29.9
08:00:00	2879	29.0	2402	30.1
09:00:00	2875	28.8	2367	30.0
10:00:00	3285	29.0	2751	30.1
11:00:00	3959	28.9	3288	30.0
12:00:00	4299	28.8	3552	29.9
13:00:00	4449	29.1	3709	30.2
14:00:00	4846	29.3	4189	30.3
15:00:00	5300	29.2	4502	30.2
16:00:00	5058	29.1	4275	30.2
17:00:00	4644	29.5	4007	30.4
18:00:00	3907	29.3	3288	30.4
19:00:00	2624	29.7	2281	30.6
20:00:00	1753	29.9	1495	30.9
21:00:00	1331	30.3	1166	31.3
22:00:00	879	30.7	766	31.7
23:00:00	458	31.1	406	32.0

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/13/2020	00:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10/13/2020	11:00	0	2	29	143	87	17	1	1	0	0	0	0	0	0	0	0	0	0	280	32	24 to 34	89.6	233	83.2	0	272	8
10/13/2020	12:00	0	1	27	181	120	24	8	0	0	0	0	0	0	0	0	0	0	0	361	32.6	24 to 34	86.4	311	86.1	0	352	9
10/13/2020	13:00	0	4	24	134	102	22	2	0	0	0	0	0	0	0	0	0	0	0	288	32.6	24 to 34	86.1	242	84.0	0	276	12
10/13/2020	14:00	1	1	25	185	169	35	3	1	0	0	0	0	0	0	0	0	0	0	420	32.9	25 to 35	86.7	377	89.8	0	406	14
10/13/2020	15:00	0	1	21	201	161	40	7	1	0	0	0	0	0	0	0	0	0	0	432	33	25 to 35	86.8	387	89.6	0	422	10
10/13/2020	16:00	1	3	60	241	118	16	2	1	0	0	0	0	0	0	0	0	0	0	442	31.2	23 to 33	88.7	343	77.6	0	430	12
10/13/2020	17:00	0	4	35	206	104	35	7	0	0	0	0	0	0	0	0	0	0	0	391	32.4	23 to 33	83.4	329	84.1	0	382	9
10/13/2020	18:00	0	1	25	144	109	30	7	2	0	0	0	0	0	0	0	0	0	0	318	33.2	25 to 35	82.7	267	84.0	0	309	9
10/13/2020	19:00	0	0	14	86	84	25	5	0	0	0	0	0	0	0	0	0	0	0	214	33.8	25 to 35	83.6	188	87.9	0	209	5
10/13/2020	20:00	0	0	4	54	33	21	0	2	1	0	0	0	0	0	0	0	0	0	115	34.9	25 to 35	82.6	100	87.0	0	115	0
10/13/2020	21:00	0	0	3	39	35	11	5	1	0	0	0	0	0	0	0	0	0	0	94	34.6	25 to 35	84.0	83	88.3	0	94	0
10/13/2020	22:00	0	0	6	23	25	5	1	0	0	0	0	0	0	0	0	0	0	0	60	33	24 to 34	88.3	50	83.3	0	59	1
10/13/2020	23:00	0	0	4	12	14	4	2	0	0	0	0	2	1	0	0	0	0	0	39	36	26 to 36	74.4	35	89.7	0	39	0
24 Hr Summary		2	17	277	1649	1161	285	50	9	1	0	0	2	1	0	0	0	0	0	3454	33	24 to 34	84.8	2945	85.3	0	3365	89

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/14/2020	00:00	0	0	1	5	11	4	1	0	0	0	0	0	0	0	0	0	0	0	22	36.5	27 to 37	81.8	20	90.9	0	21	1
10/14/2020	01:00	0	0	4	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	7	40	22 to 32	71.4	3	42.9	0	7	0
10/14/2020	02:00	0	0	0	3	1	1	0	0	0	0	0	1	0	0	0	0	0	0	6	39	20 to 30	66.7	6	100.0	0	6	0
10/14/2020	03:00	0	0	0	1	5	0	4	0	0	0	0	0	0	0	0	0	0	0	10	41	22 to 32	60.0	10	100.0	0	10	0
10/14/2020	04:00	0	0	3	14	11	7	1	2	0	0	0	0	0	0	0	0	0	0	38	36	26 to 36	73.7	34	89.5	0	36	2
10/14/2020	05:00	0	1	3	32	39	7	4	0	0	0	0	0	0	0	0	0	0	0	86	33.7	25 to 35	84.9	79	91.9	0	83	3
10/14/2020	06:00	0	1	7	75	67	19	6	0	0	0	0	0	0	0	0	0	0	0	175	33.9	25 to 35	85.7	158	90.3	0	167	8
10/14/2020	07:00	0	0	13	93	78	11	1	0	0	0	0	0	0	0	0	0	0	0	196	31.4	24 to 34	90.3	177	90.3	0	186	10
10/14/2020	08:00	0	1	17	130	89	28	6	0	0	0	0	0	0	0	0	0	0	0	271	33.2	24 to 34	85.6	244	90.0	0	255	16
10/14/2020	09:00	0	2	18	125	84	21	3	0	0	0	0	0	0	0	0	0	0	0	253	31.9	23 to 33	87.0	220	87.0	0	246	7
10/14/2020	10:00	0	1	24	142	118	19	1	0	0	0	0	0	0	0	0	0	0	0	305	31.9	24 to 34	89.2	257	84.3	0	294	11
10/14/2020	11:00	0	2	32	151	108	20	2	0	0	0	0	0	0	0	0	0	0	0	315	32	24 to 34	87.0	261	82.9	0	304	11
10/14/2020	12:00	0	4	29	184	95	22	3	0	0	0	0	0	0	0	0	0	0	0	337	32.2	24 to 34	87.2	284	84.3	0	323	14
10/14/2020	13:00	1	5	23	178	97	41	5	0	0	0	0	0	0	0	0	0	0	0	350	33.2	25 to 35	83.4	294	84.0	0	335	15
10/14/2020	14:00	0	1	25	193	177	33	1	0	0	0	0	0	0	0	0	0	0	0	430	32.6	24 to 34	89.3	380	88.4	0	404	26
10/14/2020	15:00	0	2	27	168	150	38	7	0	0	0	0	0	0	0	0	0	0	0	392	33.3	25 to 35	84.7	341	87.0	0	382	10
10/14/2020	16:00	0	4	58	210	141	25	1	0	0	0	0	0	0	0	0	0	0	0	439	31.5	23 to 33	86.1	346	78.8	0	421	18
10/14/2020	17:00	0	2	35	152	144	46	4	0	0	0	0	0	0	0	0	0	0	0	383	33.6	24 to 34	81.5	321	83.8	0	369	14
10/14/2020	18:00	0	1	19	177	146	44	7	1	0	0	0	0	0	0	0	0	0	0	395	33.5	24 to 34	84.6	363	91.9	0	387	8
10/14/2020	19:00	0	0	13	113	86	15	5	0	0	0	0	0	0	0	0	0	0	0	232	32.7	25 to 35	88.8	205	88.4	0	230	2
10/14/2020	20:00	0	0	16	62	47	20	5	0	0	0	0	0	0	0	0	0	0	0	150	34.4	24 to 34	79.3	122	81.3	0	149	1
10/14/2020	21:00	0	1	2	31	31	16	3	0	1	0	0	0	0	0	0	0	0	0	85	35.6	26 to 36	80.0	78	91.8	0	84	1
10/14/2020	22:00	0	0	4	21	21	15	4	1	0	0	0	0	0	0	0	0	0	0	66	37	26 to 36	71.2	59	89.4	0	65	1
10/14/2020	23:00	0	0	1	10	6	5	1	1	0	0	0	0	0	0	0	0	0	0	24	37	22 to 32	70.8	21	87.5	0	24	0
24 Hr Summary		1	28	374	2270	1753	457	77	5	1	0	0	1	0	0	0	0	0	0	4967	33	24 to 34	84.7	4283	86.2	0	4788	179

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/15/2020	00:00	0	0	2	7	4	1	0	0	0	0	0	0	0	0	0	0	0	0	14	32.5	23 to 33	85.7	11	78.6	0	14	0
10/15/2020	01:00	0	0	1	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	9	36.5	27 to 37	88.9	8	88.9	0	9	0
10/15/2020	02:00	0	0	1	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	7	38	22 to 32	71.4	6	85.7	0	7	0
10/15/2020	03:00	0	0	0	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	10	32	23 to 33	90.0	9	90.0	0	9	1
10/15/2020	04:00	0	0	3	16	9	4	5	0	0	0	0	0	0	0	0	0	0	0	37	35	25 to 35	75.7	31	83.8	0	35	2
10/15/2020	05:00	0	2	7	39	32	13	2	0	3	0	0	0	0	0	0	0	0	0	98	35	24 to 34	75.5	86	87.8	0	92	6
10/15/2020	06:00	1	2	10	71	56	15	7	1	0	0	0	0	0	0	0	0	0	0	163	33.8	24 to 34	81.6	140	85.9	0	157	6
10/15/2020	07:00	0	4	24	104	81	12	2	0	0	0	0	0	0	0	0	0	0	0	227	32.1	23 to 33	86.8	182	80.2	0	218	9
10/15/2020	08:00	0	7	19	134	95	28	3	1	0	0	0	0	0	0	0	0	0	0	287	33	25 to 35	84.3	245	85.4	0	275	12
10/15/2020	09:00	0	2	30	142	67	14	2	1	0	0	0	0	0	0	0	0	0	0	258	31.7	24 to 34	86.4	206	79.8	0	249	9
10/15/2020	10:00	2	2	12	164	81	22	4	0	0	0	0	0	0	0	0	0	0	0	287	33	25 to 35	87.1	252	87.8	0	275	12
10/15/2020	11:00	0	5	36	156	106	25	5	0	0	0	0	0	0	0	0	0	0	0	333	32.2	24 to 34	84.7	282	84.7	0	323	10
10/15/2020	12:00	0	6	19	152	125	28	0	0	0	0	0	0	0	0	0	0	0	0	330	32.2	25 to 35	88.2	286	86.7	0	315	15
10/15/2020	13:00	3	5	43	151	81	20	2	0	0	0	0	0	0	0	0	0	0	0	305	31.9	22 to 32	81.0	229	75.1	0	294	11
10/15/2020	14:00	1	3	31	61	19	2	0	0	0	0	0	0	0	0	0	0	0	0	117	29.6	21 to 31	88.0	63	53.8	0	110	7
10/15/2020	15:00	0	7	90	172	65	16	2	0	0	0	0	0	0	0	0	0	0	0	352	30.6	21 to 31	83.8	217	61.6	0	344	8
10/15/2020	16:00	1	2	60	125	68	12	1	1	0	1	0	0	0	0	0	0	0	0	271	31.8	24 to 34	82.3	185	68.3	0	261	10
10/15/2020	17:00	2	4	32	91	45	5	0	0	0	0	0	0	0	0	0	0	0	0	179	30.2	22 to 32	88.3	116	64.8	0	176	3
10/15/2020	18:00	0	2	62	161	95	18	2	0	0	0	0	0	0	0	0	0	0	0	340	31.7	22 to 32	85.6	249	73.2	0	333	7
10/15/2020	19:00	0	0	11	121	80	22	1	0	0	0	0	0	0	0	0	0	0	0	235	32.5	24 to 34	88.1	205	87.2	0	233	2
10/15/2020	20:00	0	2	11	61	58	24	1	0	0	0	0	0	0	0	0	0	0	0	157	34.1	26 to 36	83.4	140	89.2	0	156	1
10/15/2020	21:00	0	0	9	34	35	23	4	1	1	3	0	0	0	0	0	0	0	0	110	37	27 to 37	70.0	96	87.3	0	109	1
10/15/2020	22:00	1	0	9	22	24	6	4	1	1	0	0	0	0	0	0	0	0	0	68	35.3	23 to 33	75.0	56	82.4	0	68	0
10/15/2020	23:00	0	0	0	7	8	3	2	0	0	0	0	0	0	0	0	0	0	0	20	37	25 to 35	80.0	20	100.0	0	20	0
24 Hr Summary		11	55	522	2000	1244	317	50	6	5	4	0	0	0	0	0	0	0	0	4214	33	24 to 34	82.2	3320	78.8	0	4082	132

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/16/2020	00:00	0	0	1	10	9	6	0	0	0	0	0	0	0	0	0	0	0	0	26	34.7	27 to 37	88.5	23	88.5	0	26	0
10/16/2020	01:00	0	1	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5	34	25 to 35	60.0	3	60.0	0	5	0
10/16/2020	02:00	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6	28	24 to 34	100.0	6	100.0	0	6	0
10/16/2020	03:00	0	0	0	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	7	34	24 to 34	85.7	6	85.7	0	7	0
10/16/2020	04:00	0	0	2	15	10	1	2	0	0	0	0	0	0	0	0	0	0	0	30	32	22 to 32	86.7	24	80.0	0	29	1
10/16/2020	05:00	0	4	4	36	29	13	0	0	0	0	0	0	0	0	0	0	0	0	86	34	27 to 37	86.0	76	88.4	0	81	5
10/16/2020	06:00	0	2	7	70	47	16	3	2	0	0	0	0	0	0	0	0	0	0	147	33.9	25 to 35	81.6	130	88.4	0	139	8
10/16/2020	07:00	0	0	11	111	64	10	1	1	0	0	0	0	0	0	0	0	0	0	198	31.8	25 to 35	90.9	175	88.4	0	189	9
10/16/2020	08:00	1	1	19	115	87	13	2	0	0	0	0	0	0	0	0	0	0	0	238	31.7	24 to 34	89.9	200	84.0	0	229	9
10/16/2020	09:00	1	2	18	133	98	12	2	0	1	0	0	0	0	0	0	0	0	0	267	31.8	24 to 34	89.9	228	85.4	0	249	18
10/16/2020	10:00	0	3	28	183	85	26	6	1	0	0	0	0	0	0	0	0	0	0	332	32	23 to 33	84.6	273	82.2	0	321	11
10/16/2020	11:00	0	4	28	140	114	20	7	1	0	0	0	0	0	0	0	0	0	0	314	32.6	24 to 34	83.1	259	82.5	0	301	13
10/16/2020	12:00	2	2	44	194	102	25	2	0	0	0	0	0	0	0	0	0	0	0	371	31.9	23 to 33	84.9	292	78.7	0	362	9
10/16/2020	13:00	0	0	19	182	155	33	2	0	0	0	0	0	0	0	0	0	0	0	391	32.4	25 to 35	89.3	351	89.8	0	380	11
10/16/2020	14:00	0	2	27	175	156	53	2	0	0	0	0	0	0	0	0	0	0	0	415	33.5	25 to 35	85.1	368	88.7	0	403	12
10/16/2020	15:00	0	2	22	187	158	41	2	0	0	0	0	0	0	0	0	0	0	0	412	33	25 to 35	88.1	371	90.0	0	397	15
10/16/2020	16:00	0	1	25	171	134	37	5	1	1	0	0	0	0	0	0	0	0	0	375	33.2	24 to 34	85.6	325	86.7	0	365	10
10/16/2020	17:00	1	1	18	126	159	27	1	4	0	0	0	0	0	0	0	0	0	0	337	33.1	25 to 35	87.5	301	89.3	0	327	10
10/16/2020	18:00	0	0	28	120	107	19	2	0	0	1	0	0	0	0	0	0	0	0	277	32.7	24 to 34	87.0	235	84.8	0	272	5
10/16/2020	19:00	0	1	12	82	82	23	3	0	0	0	0	0	0	0	0	0	0	0	203	33.7	25 to 35	85.2	186	91.6	0	201	2
10/16/2020	20:00	0	0	3	61	59	26	5	1	0	0	0	0	0	0	0	0	0	0	155	35.6	25 to 35	81.3	144	92.9	0	153	2
10/16/2020	21:00	0	0	4	38	50	22	3	0	0	0	0	0	0	0	0	0	0	0	117	35.7	27 to 37	83.8	110	94.0	0	115	2
10/16/2020	22:00	0	0	1	30	40	11	6	1	0	0	0	0	0	0	0	0	0	0	89	36.5	25 to 35	80.9	84	94.4	0	86	3
10/16/2020	23:00	0	0	6	15	25	10	3	2	0	0	0	0	0	0	0	0	0	0	61	36.5	24 to 34	68.9	51	83.6	0	60	1
24 Hr Summary		5	26	328	2203	1775	446	59	14	2	1	0	0	0	0	0	0	0	0	4859	34	25 to 35	85.0	4221	86.9	0	4703	156

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/17/2020	00:00	0	1	0	13	12	4	1	0	0	0	0	0	0	0	0	0	0	0	31	34	26 to 36	90.3	30	96.8	0	31	0
10/17/2020	01:00	0	0	1	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	12	30	22 to 32	91.7	11	91.7	0	11	1
10/17/2020	02:00	0	0	1	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	10	37	24 to 34	70.0	9	90.0	0	10	0
10/17/2020	03:00	0	0	1	2	3	0	1	0	0	0	0	0	0	0	0	0	0	0	7	34	21 to 31	71.4	6	85.7	0	6	1
10/17/2020	04:00	0	0	1	6	2	1	1	0	0	0	0	0	0	0	0	0	0	0	11	34	26 to 36	81.8	10	90.9	0	11	0
10/17/2020	05:00	0	0	4	12	10	5	1	0	0	0	0	0	0	0	0	0	0	0	32	35	24 to 34	75.0	25	78.1	0	32	0
10/17/2020	06:00	0	1	2	21	10	9	2	0	0	0	0	0	0	0	0	0	0	0	45	36.7	24 to 34	71.1	38	84.4	0	44	1
10/17/2020	07:00	0	0	4	38	34	15	2	1	0	0	0	0	0	0	0	0	0	0	94	35.2	25 to 35	79.8	83	88.3	0	90	4
10/17/2020	08:00	0	0	12	71	64	26	3	0	0	0	0	0	0	0	0	0	0	0	176	34.4	25 to 35	80.7	153	86.9	0	172	4
10/17/2020	09:00	0	1	23	106	76	23	4	0	0	0	0	0	0	0	0	0	0	0	233	32.6	23 to 33	83.7	199	85.4	0	230	3
10/17/2020	10:00	1	0	19	127	107	20	1	0	0	0	0	0	0	0	0	0	0	0	275	32.9	24 to 34	87.6	237	86.2	0	269	6
10/17/2020	11:00	0	5	38	176	81	25	2	0	0	0	0	0	0	0	0	0	0	0	327	32.2	24 to 34	83.2	256	78.3	0	316	11
10/17/2020	12:00	0	6	35	176	87	16	2	0	1	0	0	0	0	0	0	0	0	0	323	31.6	24 to 34	87.9	253	78.3	0	316	7
10/17/2020	13:00	0	2	32	177	119	27	5	0	0	0	0	0	0	0	0	0	0	0	362	32.6	24 to 34	85.1	302	83.4	0	355	7
10/17/2020	14:00	0	2	23	149	151	31	7	0	0	0	0	0	0	0	0	0	0	0	363	33	25 to 35	86.2	324	89.3	0	354	9
10/17/2020	15:00	0	0	24	167	138	31	2	0	0	0	0	0	0	0	0	0	0	0	362	32.8	24 to 34	87.8	314	86.7	0	358	4
10/17/2020	16:00	0	3	25	180	133	28	5	1	1	0	0	0	0	0	0	0	0	0	376	33	24 to 34	86.4	325	86.4	0	368	8
10/17/2020	17:00	0	2	23	147	122	28	6	1	0	0	0	0	0	0	0	0	0	0	329	33.4	24 to 34	85.1	290	88.1	0	328	1
10/17/2020	18:00	0	0	14	132	110	22	7	0	0	0	0	0	0	0	0	0	0	0	285	33.2	25 to 35	88.1	257	90.2	0	281	4
10/17/2020	19:00	0	1	14	97	77	27	4	1	0	0	0	0	0	0	0	0	0	0	221	33.9	24 to 34	82.8	193	87.3	0	217	4
10/17/2020	20:00	0	0	11	57	39	14	7	0	0	0	0	0	0	0	0	0	0	0	128	34.4	23 to 33	80.5	111	86.7	0	127	1
10/17/2020	21:00	0	0	10	50	41	14	4	0	0	0	0	0	0	0	0	0	0	0	119	34	24 to 34	81.5	103	86.6	0	118	1
10/17/2020	22:00	0	1	10	29	34	7	5	1	0	0	0	0	0	0	0	0	0	0	87	34	24 to 34	74.7	73	83.9	0	86	1
10/17/2020	23:00	0	0	5	14	14	4	1	0	0	0	0	0	0	0	0	0	0	0	38	33.5	24 to 34	81.6	32	84.2	0	38	0
24 Hr Summary		1	25	332	1957	1470	380	74	5	2	0	0	0	0	0	0	0	0	0	4246	34	24 to 34	84.2	3634	85.6	0	4168	78

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/18/2020	00:00	0	0	1	8	12	11	0	1	0	1	0	0	0	0	0	0	0	0	34	37.2	28 to 38	79.4	31	91.2	0	34	0
10/18/2020	01:00	0	0	3	8	9	4	0	0	0	0	0	0	0	0	0	0	0	0	24	34	25 to 35	79.2	20	83.3	0	24	0
10/18/2020	02:00	0	1	1	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	11	33	25 to 35	72.7	8	72.7	0	11	0
10/18/2020	03:00	0	0	1	2	4	1	1	0	0	0	0	0	0	0	0	0	0	0	9	35	23 to 33	77.8	7	77.8	0	9	0
10/18/2020	04:00	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	6	34	24 to 34	66.7	3	50.0	0	6	0
10/18/2020	05:00	0	0	0	7	13	7	2	0	0	0	0	0	0	0	0	0	0	0	29	37.5	27 to 37	82.8	29	100.0	0	29	0
10/18/2020	06:00	0	0	1	8	7	8	1	0	0	0	0	0	0	0	0	0	0	0	25	36	25 to 35	68.0	21	84.0	0	25	0
10/18/2020	07:00	0	0	4	15	26	2	0	0	0	0	0	0	0	0	0	0	0	0	47	33	24 to 34	89.4	40	85.1	0	46	1
10/18/2020	08:00	0	0	8	40	44	11	4	1	1	0	0	0	0	0	0	0	0	0	109	34.2	25 to 35	81.7	97	89.0	0	107	2
10/18/2020	09:00	0	0	26	71	64	19	4	1	0	0	0	0	0	0	0	0	0	0	185	33.4	22 to 32	79.5	148	80.0	0	181	4
10/18/2020	10:00	0	1	17	104	67	18	2	0	0	0	0	0	0	0	0	0	0	0	209	32.4	23 to 33	85.2	176	84.2	0	202	7
10/18/2020	11:00	0	0	16	119	76	28	6	2	0	0	0	0	0	0	0	0	0	0	247	33.9	25 to 35	83.0	219	88.7	0	242	5
10/18/2020	12:00	0	0	22	150	107	24	1	0	0	0	0	0	0	0	0	0	0	0	304	32.7	24 to 34	88.8	266	87.5	0	299	5
10/18/2020	13:00	0	0	20	124	92	34	5	1	1	0	0	0	0	0	0	0	0	0	277	33.9	25 to 35	82.3	240	86.6	0	275	2
10/18/2020	14:00	0	2	17	114	121	30	6	0	0	0	0	0	0	0	0	0	0	0	290	33.5	25 to 35	85.5	254	87.6	0	283	7
10/18/2020	15:00	0	2	19	157	115	25	5	0	0	0	0	0	0	0	0	0	0	0	323	33.1	24 to 34	87.3	280	86.7	0	319	4
10/18/2020	16:00	0	0	17	145	108	31	4	0	0	0	0	0	0	0	0	0	0	0	305	33	25 to 35	86.9	277	90.8	0	301	4
10/18/2020	17:00	1	2	18	103	100	33	6	0	0	0	0	0	0	0	0	0	0	0	263	33.9	25 to 35	83.3	229	87.1	0	260	3
10/18/2020	18:00	1	0	20	93	92	23	2	0	0	0	0	0	0	0	0	0	0	0	231	32.9	24 to 34	85.3	190	82.3	0	225	6
10/18/2020	19:00	0	1	8	79	62	14	2	0	0	0	0	0	0	0	0	0	0	0	166	33.1	24 to 34	88.0	149	89.8	0	164	2
10/18/2020	20:00	0	1	11	42	37	19	4	0	0	0	0	0	0	0	0	0	0	0	114	35.3	24 to 34	75.4	95	83.3	0	112	2
10/18/2020	21:00	0	1	6	37	29	5	1	1	0	0	0	0	0	0	0	0	0	0	80	33	24 to 34	86.3	68	85.0	0	80	0
10/18/2020	22:00	0	1	5	16	16	10	1	0	0	0	0	0	0	0	0	0	0	0	49	35	23 to 33	73.5	41	83.7	0	49	0
10/18/2020	23:00	0	0	1	8	10	1	4	0	0	0	0	0	0	0	0	0	0	0	24	38	24 to 34	79.2	20	83.3	0	24	0
24 Hr Summary		2	12	244	1453	1218	361	61	7	2	1	0	0	0	0	0	0	0	0	3361	34	25 to 35	83.5	2908	86.5	0	3307	54

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/19/2020	00:00	0	0	2	6	6	4	2	0	0	0	0	0	0	0	0	0	0	0	20	36	25 to 35	70.0	17	85.0	0	19	1
10/19/2020	01:00	0	0	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	5	38	19 to 29	60.0	4	80.0	0	5	0
10/19/2020	02:00	0	0	1	2	3	0	1	0	0	0	0	0	0	0	0	0	0	0	7	31	21 to 31	85.7	5	71.4	0	7	0
10/19/2020	03:00	0	0	1	7	2	0	1	0	0	0	0	0	0	0	0	0	0	0	11	30	20 to 30	81.8	8	72.7	0	11	0
10/19/2020	04:00	0	0	0	8	9	0	1	1	0	0	0	0	0	0	0	0	0	0	19	33.8	24 to 34	89.5	17	89.5	0	17	2
10/19/2020	05:00	0	2	7	27	38	10	2	0	0	0	0	0	0	0	0	0	0	0	86	33.5	23 to 33	77.9	72	83.7	0	83	3
10/19/2020	06:00	0	0	14	81	52	27	5	1	0	0	0	0	0	0	0	0	0	0	180	34.5	25 to 35	80.0	159	88.3	0	172	8
10/19/2020	07:00	0	2	23	122	72	12	2	0	1	0	0	0	0	0	0	0	0	0	234	31.4	23 to 33	88.9	191	81.6	0	228	6
10/19/2020	08:00	0	0	21	150	80	15	6	0	0	0	0	0	0	0	0	0	0	0	272	31.6	24 to 34	87.5	230	84.6	0	262	10
10/19/2020	09:00	0	1	24	121	64	20	3	0	0	0	0	0	0	0	0	0	0	0	233	32.3	24 to 34	86.3	186	79.8	0	220	13
10/19/2020	10:00	0	3	32	136	78	14	2	0	0	0	0	0	0	0	0	0	0	0	265	32	24 to 34	86.8	209	78.9	0	252	13
10/19/2020	11:00	0	1	25	152	106	18	2	0	0	0	0	0	0	0	0	0	0	0	304	32	24 to 34	89.8	255	83.9	0	292	12
10/19/2020	12:00	0	3	17	159	97	22	4	1	0	0	0	0	0	0	0	0	0	0	303	32.5	24 to 34	87.1	262	86.5	0	291	12
10/19/2020	13:00	0	2	24	162	136	24	4	0	0	1	0	0	0	0	0	0	0	0	353	32.1	24 to 34	89.0	309	87.5	0	343	10
10/19/2020	14:00	0	1	43	204	121	30	4	0	0	0	0	0	0	0	0	0	0	0	403	32.3	24 to 34	85.6	342	84.9	0	379	24
10/19/2020	15:00	0	1	38	222	133	27	4	0	0	0	0	0	0	0	0	0	0	0	425	32	24 to 34	87.1	361	84.9	0	413	12
10/19/2020	16:00	0	0	17	214	124	29	5	0	0	0	0	0	0	0	0	0	0	0	389	32.1	25 to 35	90.0	351	90.2	0	379	10
10/19/2020	17:00	0	3	25	194	109	25	4	0	0	0	0	0	0	0	0	0	0	0	360	31.9	23 to 33	88.6	306	85.0	0	348	12
10/19/2020	18:00	0	1	11	118	74	14	5	0	0	0	0	0	0	0	0	0	0	0	223	32.5	24 to 34	88.3	198	88.8	0	215	8
10/19/2020	19:00	0	0	10	77	55	23	4	0	0	0	0	0	0	0	0	0	0	0	169	34.3	25 to 35	82.2	148	87.6	0	165	4
10/19/2020	20:00	0	0	9	43	45	14	3	0	0	0	0	0	0	0	0	0	0	0	114	34	24 to 34	81.6	99	86.8	0	114	0
10/19/2020	21:00	0	0	4	31	25	11	0	0	0	0	0	0	0	0	0	0	0	0	71	34	24 to 34	83.1	64	90.1	0	71	0
10/19/2020	22:00	0	0	2	19	18	5	0	1	0	0	0	0	0	0	0	0	0	0	45	33.7	25 to 35	86.7	41	91.1	0	45	0
10/19/2020	23:00	0	0	2	17	6	4	1	0	0	0	0	0	0	0	0	0	0	0	30	35	24 to 34	80.0	24	80.0	0	30	0
24 Hr Summary		0	20	353	2274	1453	349	66	4	1	1	0	0	0	0	0	0	0	0	4521	33	24 to 34	86.2	3858	85.3	0	4361	160

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/20/2020	00:00	0	0	5	7	8	5	1	0	0	0	0	0	0	0	0	0	0	0	26	34.7	23 to 33	69.2	20	76.9	0	26	0
10/20/2020	01:00	0	0	0	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0	8	37	27 to 37	87.5	8	100.0	0	8	0
10/20/2020	02:00	0	0	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	6	37	28 to 38	66.7	4	66.7	0	6	0
10/20/2020	03:00	0	0	1	9	2	3	1	0	0	0	0	0	0	0	0	0	0	0	16	34.7	25 to 35	87.5	15	93.8	0	16	0
10/20/2020	04:00	0	0	2	11	13	2	3	0	0	0	0	0	0	0	0	0	0	0	31	34	24 to 34	83.9	29	93.5	0	29	2
10/20/2020	05:00	0	2	10	43	27	11	5	0	0	0	0	0	0	0	0	0	0	0	98	34.3	23 to 33	76.5	84	85.7	0	95	3
10/20/2020	06:00	0	0	15	91	42	14	2	3	0	0	0	0	0	0	0	0	0	0	167	32.5	23 to 33	84.4	142	85.0	0	161	6
10/20/2020	07:00	1	2	26	121	79	13	3	0	0	0	0	0	0	0	0	0	0	0	245	32	24 to 34	87.8	205	83.7	0	236	9
10/20/2020	08:00	0	5	32	152	85	13	1	0	0	0	0	0	0	0	0	0	0	0	288	31	23 to 33	89.9	240	83.3	0	274	14
10/20/2020	09:00	0	2	29	124	85	30	2	0	0	0	0	0	0	0	0	0	0	0	272	32.8	24 to 34	83.8	228	83.8	0	260	12
10/20/2020	10:00	1	3	23	123	104	13	2	1	0	0	0	0	0	0	0	0	0	0	270	32.1	24 to 34	88.9	227	84.1	0	262	8
10/20/2020	11:00	0	2	33	181	88	27	3	1	0	0	0	0	0	0	0	0	0	0	335	32	24 to 34	86.0	270	80.6	0	322	13
10/20/2020	12:00	0	5	43	177	113	23	0	0	0	0	0	0	0	0	0	0	0	0	361	31.6	23 to 33	86.1	286	79.2	0	352	9
10/20/2020	13:00	0	5	33	223	146	23	2	0	0	0	0	0	0	0	0	0	0	0	432	32.1	24 to 34	89.6	372	86.1	0	417	15
10/20/2020	14:00	0	2	40	206	158	32	4	1	0	0	0	0	0	0	0	0	0	0	443	32.2	24 to 34	86.7	380	85.8	0	428	15
10/20/2020	15:00	0	2	24	240	189	28	4	0	0	0	0	0	0	0	0	0	0	0	487	32.2	25 to 35	91.4	439	90.1	0	475	12
10/20/2020	16:00	0	3	24	198	156	24	7	0	0	0	0	0	0	0	0	0	0	0	412	32.2	24 to 34	88.3	365	88.6	0	401	11
10/20/2020	17:00	1	2	30	207	141	39	10	0	0	0	0	0	0	0	0	0	0	0	430	33.2	25 to 35	85.1	378	87.9	0	422	8
10/20/2020	18:00	0	2	35	157	99	26	3	0	0	0	0	0	0	0	0	0	0	0	322	33	24 to 34	83.5	257	79.8	0	316	6
10/20/2020	19:00	0	0	17	91	77	19	1	0	0	0	0	0	0	0	0	0	0	0	205	33	24 to 34	86.3	177	86.3	0	202	3
10/20/2020	20:00	0	1	15	55	38	15	3	0	0	1	0	0	0	0	0	0	0	0	128	34	25 to 35	77.3	106	82.8	0	127	1
10/20/2020	21:00	0	0	9	49	24	16	1	2	0	0	0	0	0	0	0	0	0	0	101	34.8	25 to 35	77.2	84	83.2	0	101	0
10/20/2020	22:00	0	0	4	22	20	8	1	0	0	0	0	0	0	0	0	0	0	0	55	34.3	25 to 35	81.8	46	83.6	0	53	2
10/20/2020	23:00	0	1	1	11	14	2	2	0	0	0	0	0	0	0	0	0	0	0	31	33.5	26 to 36	87.1	29	93.5	0	31	0
24 Hr Summary		3	39	453	2501	1711	391	62	8	0	1	0	0	0	0	0	0	0	0	5169	33	24 to 34	85.6	4391	84.9	0	5020	149

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/21/2020	00:00	0	0	1	8	2	0	2	0	0	0	0	0	0	0	0	0	0	0	13	33	23 to 33	84.6	9	69.2	0	13	0
10/21/2020	01:00	0	0	0	4	3	4	0	0	0	0	0	0	0	0	0	0	0	0	11	35	28 to 38	90.9	10	90.9	0	11	0
10/21/2020	02:00	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	32	23 to 33	100.0	5	100.0	0	5	0
10/21/2020	03:00	0	0	1	4	2	3	0	0	0	0	0	0	0	0	0	0	0	0	10	35	22 to 32	70.0	7	70.0	0	10	0
10/21/2020	04:00	0	0	1	12	14	4	2	0	0	0	0	0	0	0	0	0	0	0	33	35	25 to 35	81.8	29	87.9	0	31	2
10/21/2020	05:00	0	2	2	38	41	10	6	1	0	0	0	0	0	0	0	0	0	0	100	35.2	26 to 36	84.0	96	96.0	0	96	4
10/21/2020	06:00	0	0	13	85	57	14	2	1	2	0	0	0	0	0	0	0	0	0	174	33.1	24 to 34	84.5	154	88.5	0	166	8
10/21/2020	07:00	1	1	21	112	56	9	1	0	0	0	0	0	0	0	0	0	0	0	201	31.2	23 to 33	89.6	167	83.1	0	193	8
10/21/2020	08:00	0	1	32	126	88	13	5	0	0	0	0	0	0	0	0	0	0	0	265	32.3	23 to 33	85.3	212	80.0	0	250	15
10/21/2020	09:00	0	3	23	152	73	21	1	0	1	0	0	0	0	0	0	0	0	0	274	31.7	23 to 33	87.2	225	82.1	0	263	11
10/21/2020	10:00	0	3	31	159	74	12	1	1	1	0	0	0	0	0	0	0	0	0	282	31.6	23 to 33	88.3	233	82.6	0	268	14
10/21/2020	11:00	0	4	28	158	94	20	4	0	0	0	0	0	0	0	0	0	0	0	308	32.6	24 to 34	85.7	256	83.1	0	299	9
10/21/2020	12:00	0	0	37	144	109	17	3	1	0	0	0	0	0	0	0	0	0	0	311	32.1	23 to 33	87.8	259	83.3	0	303	8
10/21/2020	13:00	0	4	37	174	105	10	1	0	0	0	0	0	0	0	0	0	0	0	331	31.2	24 to 34	89.7	266	80.4	0	318	13
10/21/2020	14:00	0	1	31	236	148	25	3	0	0	0	0	0	0	0	0	0	0	0	444	31.6	24 to 34	89.9	386	86.9	0	434	10
10/21/2020	15:00	0	5	41	219	137	47	3	0	2	0	0	0	0	0	0	0	0	0	454	32.9	23 to 33	81.5	376	82.8	0	439	15
10/21/2020	16:00	0	3	34	225	153	33	4	1	0	0	0	0	0	0	0	0	0	0	453	32.8	24 to 34	87.2	385	85.0	0	442	11
10/21/2020	17:00	0	2	35	194	154	39	6	1	0	0	0	0	0	0	0	0	0	0	431	32.6	23 to 33	85.2	380	88.2	0	421	10
10/21/2020	18:00	0	5	30	180	101	22	5	0	0	0	0	0	0	0	0	0	0	0	343	31.9	24 to 34	85.4	286	83.4	0	335	8
10/21/2020	19:00	0	4	21	81	63	19	4	1	0	0	0	0	0	0	0	0	0	0	193	33.6	24 to 34	79.8	157	81.3	0	192	1
10/21/2020	20:00	0	2	19	68	50	18	2	0	0	0	0	0	0	0	0	0	0	0	159	32.9	23 to 33	83.0	129	81.1	0	156	3
10/21/2020	21:00	0	3	5	44	34	9	2	0	2	0	0	0	0	0	0	0	0	0	99	33.3	25 to 35	83.8	85	85.9	0	99	0
10/21/2020	22:00	0	0	1	16	26	8	4	0	0	0	0	0	0	0	0	0	0	0	55	35	25 to 35	83.6	52	94.5	0	54	1
10/21/2020	23:00	0	0	0	7	13	4	0	0	1	0	0	0	0	0	0	0	0	0	25	35.5	26 to 36	84.0	24	96.0	0	24	1
24 Hr Summary		1	43	444	2449	1599	361	61	7	9	0	0	0	0	0	0	0	0	0	4974	33	24 to 34	85.3	4188	84.2	0	4822	152

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/22/2020	00:00	0	1	1	15	4	5	3	0	0	0	0	0	0	0	0	0	0	0	29	37.5	25 to 35	72.4	26	89.7	0	29	0
10/22/2020	01:00	0	0	0	2	1	1	2	0	0	0	0	0	0	0	0	0	0	0	6	39.5	30 to 40	66.7	5	83.3	0	6	0
10/22/2020	02:00	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5	32	26 to 36	100.0	5	100.0	0	5	0
10/22/2020	03:00	0	0	0	7	4	1	0	0	0	0	0	0	0	0	0	0	0	0	12	30	26 to 36	100.0	12	100.0	0	11	1
10/22/2020	04:00	0	1	5	13	11	6	1	0	0	0	0	0	0	0	0	0	0	0	37	36	22 to 32	70.3	29	78.4	0	36	1
10/22/2020	05:00	0	3	9	30	39	6	4	0	0	1	0	0	0	0	0	0	0	0	92	33.6	24 to 34	78.3	71	77.2	0	87	5
10/22/2020	06:00	0	2	7	77	49	24	2	1	1	0	0	0	0	0	0	0	0	0	163	34.6	25 to 35	81.6	149	91.4	0	154	9
10/22/2020	07:00	0	7	19	133	52	17	1	0	0	0	0	0	0	0	0	0	0	0	229	31.2	22 to 32	85.2	181	79.0	0	217	12
10/22/2020	08:00	1	3	32	171	79	17	1	0	0	0	0	0	0	0	0	0	0	0	304	31.2	24 to 34	88.8	237	78.0	0	292	12
10/22/2020	09:00	0	2	34	145	59	11	0	0	0	0	0	0	0	0	0	0	0	0	251	30.7	23 to 33	88.8	189	75.3	0	242	9
10/22/2020	10:00	0	2	40	136	87	18	2	0	0	0	0	0	0	0	0	0	0	0	285	31.8	23 to 33	85.3	225	78.9	0	271	14
10/22/2020	11:00	0	2	36	192	91	21	3	0	0	0	0	0	0	0	0	0	0	0	345	31.8	24 to 34	86.7	288	83.5	0	333	12
10/22/2020	12:00	1	7	35	164	115	14	4	1	0	0	0	0	0	0	0	0	0	0	341	32	24 to 34	85.9	281	82.4	0	326	15
10/22/2020	13:00	0	2	41	205	124	22	4	0	0	0	0	0	0	0	0	0	0	0	398	31.7	24 to 34	86.9	307	77.1	0	384	14
10/22/2020	14:00	0	2	26	208	163	37	5	1	0	0	0	0	0	0	0	0	0	0	442	32.8	24 to 34	87.3	391	88.5	0	432	10
10/22/2020	15:00	0	0	39	216	164	32	4	0	0	0	0	0	0	0	0	0	0	0	455	32.4	24 to 34	87.7	389	85.5	0	443	12
10/22/2020	16:00	0	0	39	228	169	24	4	0	0	0	0	0	0	0	0	0	0	0	464	31.8	24 to 34	91.2	403	86.9	0	447	17
10/22/2020	17:00	0	0	25	209	187	38	4	0	0	0	0	0	0	0	0	0	0	0	463	32.8	25 to 35	89.0	415	89.6	0	451	12
10/22/2020	18:00	0	3	37	139	107	22	8	0	0	0	0	0	0	0	0	0	0	0	316	32.8	24 to 34	82.6	256	81.0	0	312	4
10/22/2020	19:00	0	1	18	113	55	17	1	1	0	0	0	0	0	0	0	0	0	0	206	32.2	25 to 35	85.0	173	84.0	0	202	4
10/22/2020	20:00	1	3	17	66	39	4	1	2	0	0	0	0	0	0	0	0	0	0	133	32.1	23 to 33	85.7	104	78.2	0	131	2
10/22/2020	21:00	0	1	12	40	29	14	2	0	0	0	0	0	0	0	0	0	0	0	98	34.1	25 to 35	77.6	80	81.6	0	98	0
10/22/2020	22:00	0	0	2	26	18	9	3	1	1	0	0	0	0	0	0	0	0	0	60	35.5	25 to 35	80.0	55	91.7	0	57	3
10/22/2020	23:00	0	0	4	15	11	7	0	1	0	0	0	0	0	0	0	0	0	0	38	35.5	27 to 37	76.3	33	86.8	0	38	0
24 Hr Summary		3	42	478	2552	1659	368	59	8	2	1	0	0	0	0	0	0	0	0	5172	33	24 to 34	85.6	4304	83.2	0	5004	168

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/23/2020	00:00	0	0	2	7	10	6	0	0	0	0	1	0	0	0	0	0	0	0	26	36	27 to 37	84.6	24	92.3	0	26	0
10/23/2020	01:00	0	0	2	4	3	2	2	0	0	0	0	0	0	0	0	0	0	0	13	38	24 to 34	61.5	11	84.6	0	13	0
10/23/2020	02:00	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	6	31	25 to 35	100.0	6	100.0	0	6	0
10/23/2020	03:00	0	0	1	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	11	32	22 to 32	81.8	8	72.7	0	11	0
10/23/2020	04:00	0	0	1	9	5	3	2	0	0	0	0	0	0	0	0	0	0	0	20	36	25 to 35	75.0	15	75.0	0	18	2
10/23/2020	05:00	1	1	6	35	23	15	2	0	0	0	0	0	0	0	0	0	0	0	83	35.7	26 to 36	74.7	73	88.0	0	79	4
10/23/2020	06:00	0	2	11	70	60	12	3	2	0	0	0	0	0	0	0	0	0	0	160	33.5	24 to 34	84.4	140	87.5	0	151	9
10/23/2020	07:00	0	3	13	104	55	10	1	0	0	0	0	0	0	0	0	0	0	0	186	31.5	24 to 34	88.7	154	82.8	0	178	8
10/23/2020	08:00	0	0	17	107	75	13	4	0	0	0	0	0	0	0	0	0	0	0	216	31.9	23 to 33	88.4	185	85.6	0	205	11
10/23/2020	09:00	0	1	31	142	70	11	2	0	0	0	0	0	0	0	0	0	0	0	257	31.4	23 to 33	88.7	207	80.5	0	242	15
10/23/2020	10:00	0	1	24	130	105	22	5	1	0	0	0	0	0	0	0	0	0	0	288	32.8	25 to 35	84.4	246	85.4	0	274	14
10/23/2020	11:00	0	2	37	148	98	32	3	0	0	0	0	0	0	0	0	0	0	0	320	32.7	23 to 33	82.5	264	82.5	0	307	13
10/23/2020	12:00	0	2	31	156	119	19	2	0	0	0	0	0	0	0	0	0	0	0	329	31.7	23 to 33	87.2	276	83.9	0	310	19
10/23/2020	13:00	0	6	31	186	96	29	3	0	0	0	0	1	0	0	0	0	0	0	352	32.4	24 to 34	85.8	283	80.4	0	339	13
10/23/2020	14:00	1	1	26	187	117	27	4	2	0	0	0	0	0	0	0	0	0	0	365	32.7	24 to 34	86.6	318	87.1	0	353	12
10/23/2020	15:00	0	1	31	205	139	35	4	1	0	0	0	0	0	0	0	0	0	0	416	33	24 to 34	86.3	363	87.3	0	404	12
10/23/2020	16:00	0	2	18	193	127	34	4	1	0	0	0	0	0	0	0	0	0	0	379	32.7	24 to 34	87.3	333	87.9	0	368	11
10/23/2020	17:00	0	5	25	168	131	33	5	0	0	0	0	0	0	0	0	0	0	0	367	32.9	24 to 34	85.3	318	86.6	0	364	3
10/23/2020	18:00	1	1	25	132	111	33	4	0	0	0	0	0	0	0	0	0	0	0	307	33.4	24 to 34	83.7	267	87.0	0	299	8
10/23/2020	19:00	0	1	12	91	74	22	2	1	0	0	0	0	0	0	0	0	0	0	203	33.6	25 to 35	85.2	171	84.2	0	202	1
10/23/2020	20:00	0	0	8	71	64	18	3	1	0	0	0	0	0	0	0	0	0	0	165	33.5	25 to 35	86.1	145	87.9	0	163	2
10/23/2020	21:00	0	1	9	46	34	18	1	1	0	0	1	0	0	0	0	0	0	0	111	34.7	25 to 35	77.5	97	87.4	0	109	2
10/23/2020	22:00	0	0	8	32	37	10	2	1	0	0	0	0	0	0	0	0	0	0	90	33.8	24 to 34	82.2	79	87.8	0	90	0
10/23/2020	23:00	0	0	3	14	23	9	2	0	0	0	0	0	0	0	0	0	0	0	51	35.2	26 to 36	88.2	48	94.1	0	50	1
24 Hr Summary		3	30	372	2244	1582	416	60	11	0	0	2	1	0	0	0	0	0	0	4721	33	24 to 34	84.6	4031	85.4	0	4561	160

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/24/2020	00:00	0	0	2	4	13	5	2	0	0	0	0	0	0	0	0	0	0	0	26	36	27 to 37	80.8	24	92.3	0	26	0
10/24/2020	01:00	0	0	4	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	13	28	20 to 30	92.3	8	61.5	0	13	0
10/24/2020	02:00	0	0	1	2	1	1	3	0	0	0	0	0	0	0	0	0	0	0	8	40	31 to 41	62.5	6	75.0	0	7	1
10/24/2020	03:00	0	0	1	4	4	1	1	0	0	0	0	0	0	0	0	0	0	0	11	34	24 to 34	81.8	10	90.9	0	11	0
10/24/2020	04:00	0	0	1	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	9	35	25 to 35	77.8	8	88.9	0	9	0
10/24/2020	05:00	0	0	2	15	11	5	2	0	0	0	0	0	0	0	0	0	0	0	35	35.5	25 to 35	77.1	31	88.6	0	35	0
10/24/2020	06:00	0	1	4	22	19	4	1	0	0	0	0	0	0	0	0	0	0	0	51	32.6	23 to 33	86.3	40	78.4	0	50	1
10/24/2020	07:00	0	2	12	43	36	9	2	0	0	0	0	0	0	0	0	0	0	0	104	33.3	24 to 34	83.7	85	81.7	0	101	3
10/24/2020	08:00	0	0	13	80	54	19	2	0	0	0	0	0	0	0	0	0	0	0	168	33.2	24 to 34	83.3	141	83.9	0	164	4
10/24/2020	09:00	0	1	13	120	88	23	6	0	0	0	0	0	0	0	0	0	0	0	251	33.2	25 to 35	87.3	227	90.4	0	248	3
10/24/2020	10:00	0	3	18	143	123	36	4	1	0	0	0	0	0	0	0	0	0	0	328	33.5	25 to 35	84.5	287	87.5	0	320	8
10/24/2020	11:00	0	0	24	153	140	28	6	0	0	0	0	0	0	0	0	0	0	0	351	33	24 to 34	86.0	311	88.6	0	337	14
10/24/2020	12:00	0	2	44	182	129	32	0	1	0	0	0	0	0	0	0	0	0	0	390	32.4	23 to 33	85.9	324	83.1	0	382	8
10/24/2020	13:00	0	2	23	152	171	50	3	0	0	0	0	0	0	0	0	0	0	0	401	33.6	25 to 35	83.5	353	88.0	0	392	9
10/24/2020	14:00	0	0	23	190	139	25	2	0	1	0	0	0	0	0	0	0	0	0	380	32	24 to 34	91.1	333	87.6	0	372	8
10/24/2020	15:00	0	2	34	200	150	33	1	0	0	0	0	0	0	0	0	0	0	0	420	32.5	24 to 34	87.9	350	83.3	0	415	5
10/24/2020	16:00	2	3	40	176	115	33	5	2	0	0	0	0	0	0	0	0	0	0	376	32.9	24 to 34	82.2	314	83.5	0	372	4
10/24/2020	17:00	0	2	37	187	159	27	5	0	0	0	0	0	0	0	0	0	0	0	417	32.4	24 to 34	87.8	358	85.9	0	414	3
10/24/2020	18:00	0	2	29	166	96	28	3	4	0	0	0	0	0	0	0	0	0	0	328	33.2	24 to 34	83.8	266	81.1	0	324	4
10/24/2020	19:00	0	0	23	83	79	22	1	1	1	1	0	0	0	0	0	0	0	0	211	33.2	23 to 33	82.0	178	84.4	0	209	2
10/24/2020	20:00	0	3	9	70	55	14	3	0	0	0	0	0	0	0	0	0	0	0	154	33	24 to 34	85.1	133	86.4	0	152	2
10/24/2020	21:00	0	0	6	57	48	9	4	0	0	0	0	0	0	0	0	0	0	0	124	33	24 to 34	87.1	111	89.5	0	123	1
10/24/2020	22:00	1	0	7	32	28	15	6	1	0	0	0	0	0	0	0	0	0	0	90	36.7	24 to 34	74.4	75	83.3	0	88	2
10/24/2020	23:00	0	0	3	26	18	6	3	1	0	0	0	0	0	0	0	0	0	0	57	34.5	25 to 35	80.7	49	86.0	0	56	1
24 Hr Summary		3	23	373	2117	1679	429	65	11	2	1	0	0	0	0	0	0	0	0	4703	33	24 to 34	84.8	4022	85.5	0	4620	83

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

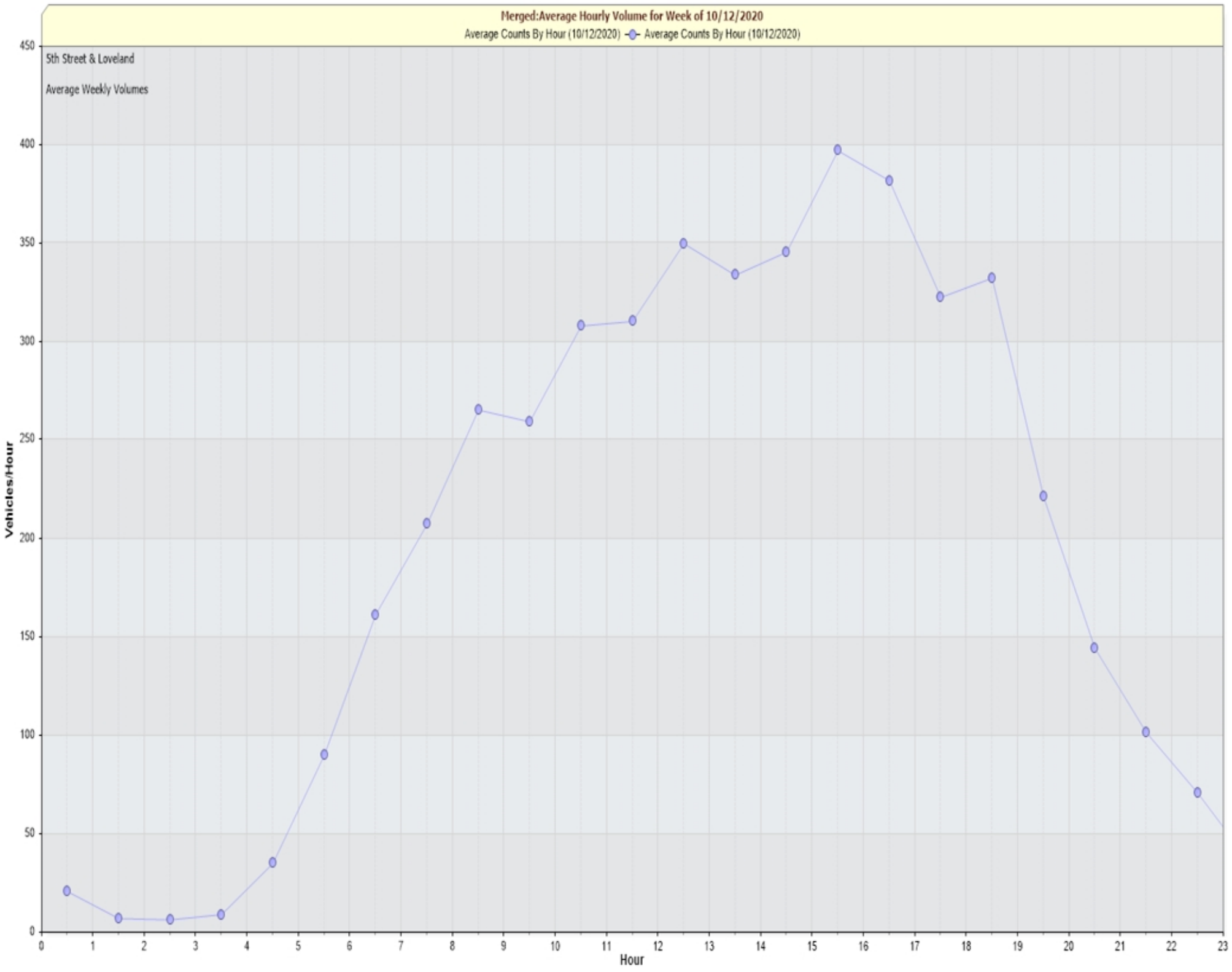
Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pet Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/25/2020	00:00	0	0	2	10	14	6	1	0	0	0	0	0	0	0	0	0	0	0	33	35	26 to 36	81.8	30	90.9	0	33	0
10/25/2020	01:00	0	0	2	5	2	3	0	1	0	0	0	0	0	0	0	0	0	0	13	37	22 to 32	69.2	10	76.9	0	13	0
10/25/2020	02:00	0	0	0	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	6	37.5	21 to 31	66.7	6	100.0	0	6	0
10/25/2020	03:00	0	0	1	1	6	0	2	0	0	0	0	0	0	0	0	0	0	0	10	33	23 to 33	70.0	9	90.0	0	10	0
10/25/2020	04:00	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	30	24 to 34	100.0	3	75.0	0	4	0
10/25/2020	05:00	0	1	4	5	4	8	1	0	0	0	0	0	0	0	0	0	0	0	23	36.5	27 to 37	65.2	18	78.3	0	23	0
10/25/2020	06:00	0	0	3	13	13	3	4	0	0	0	0	0	0	0	0	0	0	0	36	35	24 to 34	77.8	32	88.9	0	35	1
10/25/2020	07:00	0	0	4	31	24	8	1	1	0	0	0	0	0	0	0	0	0	0	69	34	25 to 35	84.1	63	91.3	0	67	2
10/25/2020	08:00	0	0	17	56	29	10	0	0	0	0	0	0	0	0	0	0	0	0	112	32.5	24 to 34	83.0	80	71.4	0	111	1
10/25/2020	09:00	0	1	27	63	38	8	4	0	0	0	0	0	0	0	0	0	0	0	141	32.3	23 to 33	79.4	104	73.8	0	140	1
10/25/2020	10:00	0	0	21	75	55	6	1	0	1	0	0	0	0	0	0	0	0	0	159	31.5	23 to 33	90.6	129	81.1	0	156	3
10/25/2020	11:00	0	1	27	98	46	7	2	0	0	0	0	0	0	0	0	0	0	0	181	31.2	23 to 33	85.1	135	74.6	0	177	4
10/25/2020	12:00	0	0	47	122	54	12	3	0	0	0	0	0	0	0	0	0	0	0	238	31.3	22 to 32	85.7	172	72.3	0	234	4
10/25/2020	13:00	0	1	37	99	59	11	1	1	0	0	0	0	0	0	0	0	0	0	209	31.9	23 to 33	83.7	161	77.0	0	204	5
10/25/2020	14:00	3	4	35	160	88	41	1	1	0	0	0	0	0	0	0	0	0	0	333	33.6	25 to 35	79.0	272	81.7	0	323	10
10/25/2020	15:00	0	2	27	172	128	35	6	1	0	0	0	0	0	0	0	0	0	0	371	32.8	24 to 34	84.6	315	84.9	0	367	4
10/25/2020	16:00	0	4	27	140	152	47	6	1	0	0	0	0	0	0	0	0	0	0	377	33.8	25 to 35	81.7	323	85.7	0	373	4
10/25/2020	17:00	0	1	10	133	109	37	4	0	1	0	0	0	0	0	0	0	0	0	295	33.9	25 to 35	86.4	267	90.5	0	289	6
10/25/2020	18:00	0	0	12	106	72	25	6	1	1	0	0	0	0	0	0	0	0	0	223	33.8	25 to 35	84.3	198	88.8	0	222	1
10/25/2020	19:00	0	0	8	72	59	21	4	0	0	0	0	0	0	0	0	0	0	0	164	34.1	25 to 35	83.5	149	90.9	0	163	1
10/25/2020	20:00	0	0	9	28	28	12	2	1	0	0	0	0	0	0	0	0	0	0	80	35	23 to 33	77.5	66	82.5	0	80	0
10/25/2020	21:00	0	0	9	58	37	17	2	0	0	0	0	0	0	0	0	0	0	0	123	34.2	24 to 34	82.1	108	87.8	0	123	0
10/25/2020	22:00	0	0	10	18	28	7	1	0	0	0	0	0	0	0	0	0	0	0	64	33.6	24 to 34	76.6	54	84.4	0	64	0
10/25/2020	23:00	0	0	0	6	10	3	0	1	0	0	0	0	0	0	0	0	0	0	20	36	26 to 36	85.0	20	100.0	0	20	0
24 Hr Summary		3	15	340	1475	1058	329	52	9	3	0	0	0	0	0	0	0	0	0	3284	34	24 to 34	81.5	2724	82.9	0	3237	47

Merged Histogram

5th Street & Loveland

from Tue-Oct-13-2020-11-00-AM to Mon-Oct-26-2020-08-59-AM

Date	Starting Hr:min	<15	15 to <20	20 to <25	25 to <30	30 to <35	35 to <40	40 to <45	45 to <50	50 to <55	55 to <60	60 to <65	65 to <70	70 to <75	75 to <80	80 to <85	85 to <90	90 to <95	95 to >100	Total Counts	85pct Speed	10MPH Pace	% in pace	# of Speeders	% Speeders	VEH_SM	VEH_MED	VEH_LG
10/26/2020	00:00	0	0	2	5	3	3	0	0	0	0	0	0	0	0	0	0	0	0	13	35	24 to 34	76.9	10	76.9	0	13	0
10/26/2020	01:00	0	0	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	7	33	24 to 34	100.0	6	85.7	0	7	0
10/26/2020	02:00	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3	35	25 to 35	100.0	3	100.0	0	3	0
10/26/2020	03:00	0	0	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	6	33	26 to 36	83.3	5	83.3	0	5	1
10/26/2020	04:00	0	0	0	18	6	5	0	0	0	0	0	0	0	0	0	0	0	0	29	35	25 to 35	86.2	27	93.1	0	28	1
10/26/2020	05:00	0	1	7	40	23	19	4	0	0	0	0	0	0	0	0	0	0	0	94	34.9	25 to 35	77.7	82	87.2	0	92	2
10/26/2020	06:00	0	0	15	75	54	10	4	1	1	0	0	0	0	0	0	0	0	0	160	32.7	24 to 34	86.3	136	85.0	0	151	9
10/26/2020	07:00	0	2	26	123	44	17	2	0	0	0	0	0	0	0	0	0	0	0	214	31.6	23 to 33	85.5	171	79.9	0	206	8
10/26/2020	08:00	0	2	22	85	56	7	0	0	1	0	0	0	0	0	0	0	0	0	173	31.5	23 to 33	87.3	138	79.8	0	163	10
24 Hr Summary		0	5	73	352	193	63	10	1	2	0	0	0	0	0	0	0	0	0	699	34	24 to 34	81.5	578	82.7	0	668	31



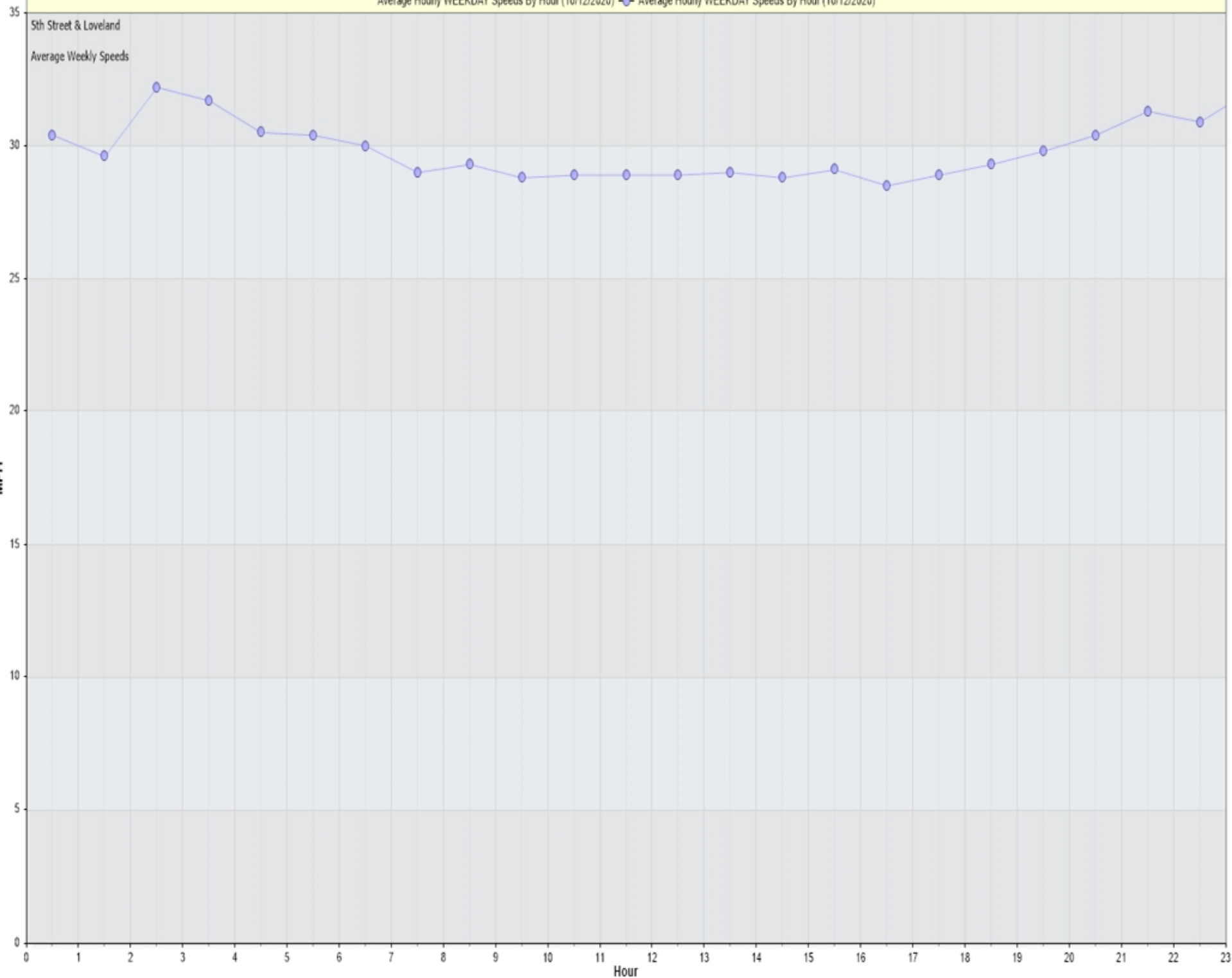
Merged: Average Hourly WEEKDAY Speeds for Week of 10/12/2020

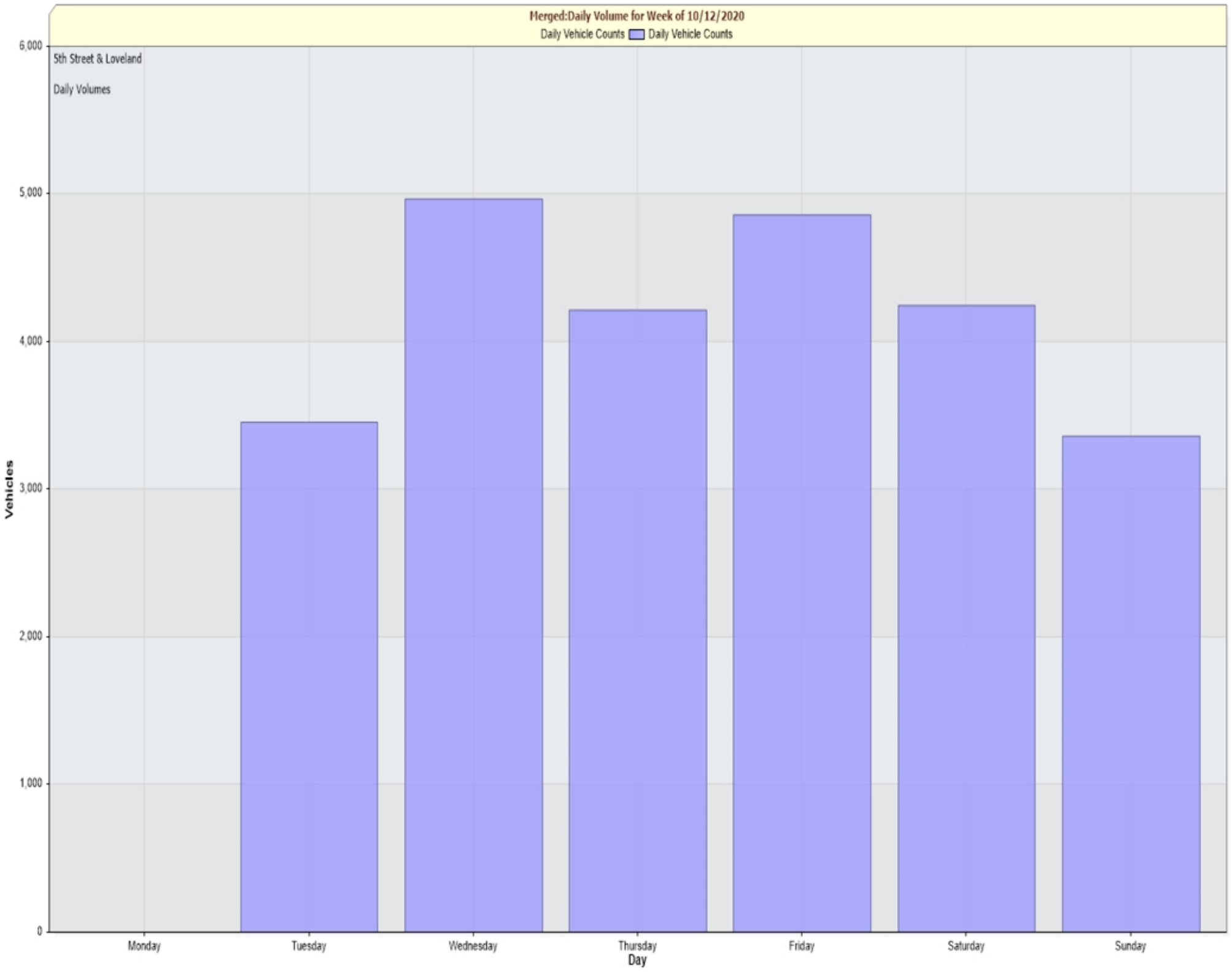
Average Hourly WEEKDAY Speeds By Hour (10/12/2020) — Average Hourly WEEKDAY Speeds By Hour (10/12/2020)

5th Street & Loveland
Average Weekly Speeds

MPH

Hour







5th Street Crossing Treatments Memo Appendix

Draft Memorandum

Date: November 21, 2021

To: Connie Bowers, Brian Wirt - City of Mukilteo
John McMillan - KPFF

From: Emily Alice Gerhart, AICP, Chris Breiland, PE – Fehr & Peers

Subject: 5th Street Crossing Treatments

The City of Mukilteo is looking at a range of improvements on 5th Street from Lincoln Avenue to the Everett city limit, which will benefit people walking, biking, driving, and using public transit in Old Town Mukilteo. After facilitating conversations with community members, the project team is currently developing a preferred alternative.

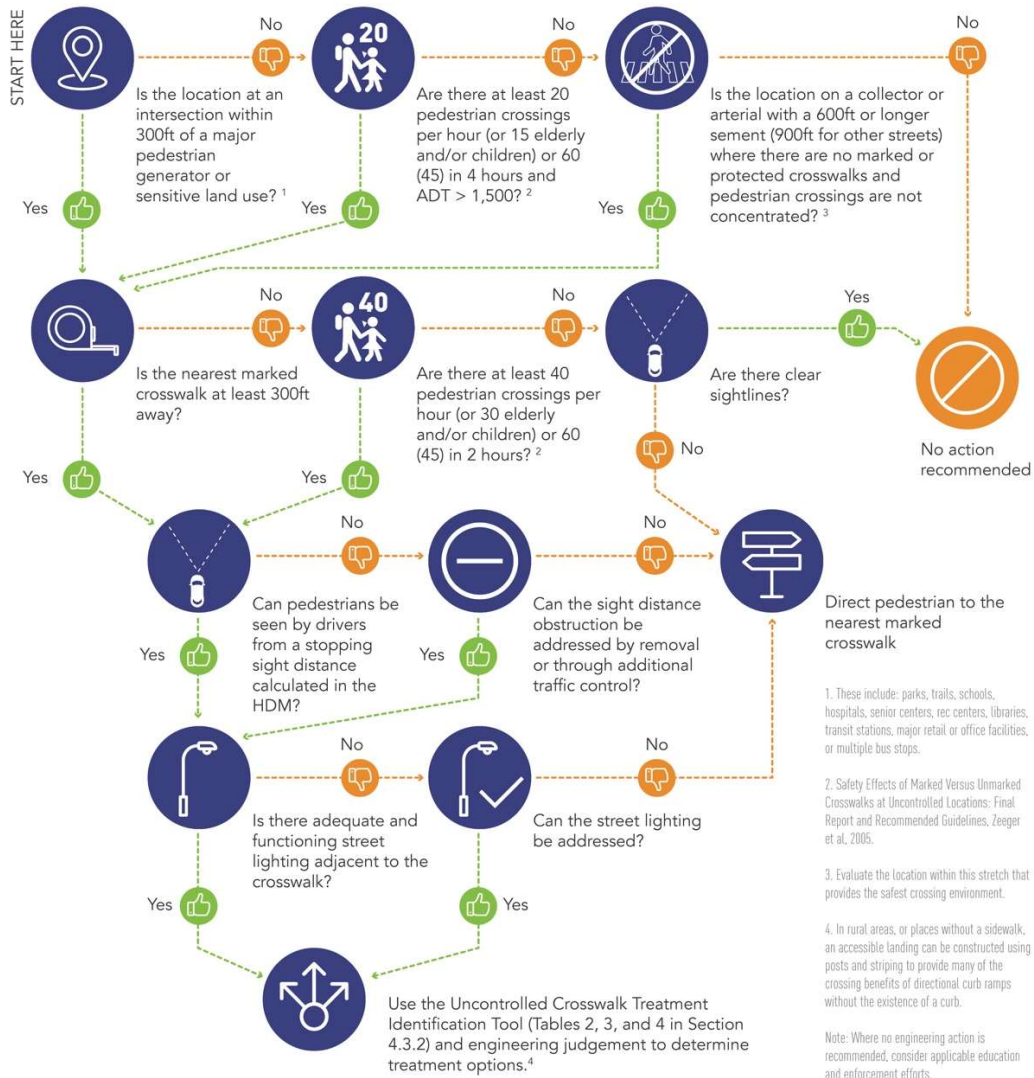
One of the key project goals is to support active transportation such as walking and biking, and improve connections to businesses in Mukilteo. As such, it is important that the preferred alternative includes safe and comfortable facilities for people to cross the street to access businesses, transit stops, parks, and local trails. The purpose of this memorandum is to present recommendations for crossing treatments at key locations along the corridor.

Fehr & Peers reviewed the proposed designs (as of November 3, 2021) and assessments for crossing locations and treatment types were made based on best practices, including NACTO, FHWA, and Fehr & Peers' internal *Crosswalk+* tool for identifying suitable crossing treatments, based on roadway characteristics (speeds, lanes, volumes) and land use context. These guidelines are also consistent with a separate framework for crossing treatment identification and prioritization that Fehr & Peers has developed (as a draft) for the City of Mukilteo's internal use.

A basic decision flowchart from these best practices is shown in **Figure 1**.



Figure 1 - Example of Decision Flowchart for Identifying the Need for Crossing Enhancements





Fehr & Peers identified multiple crossing enhancements to improve the comfort and visibility of pedestrians, bicyclists, and transit riders along the corridor, which include:

- **Rectangular Rapid Flashing Beacon (RRFB) at 5th Street / Lincoln Avenue.** Recent WSDOT guidance details options for constructing RRFBs at uncontrolled intersections on two-lane two-way roadways.¹ These include two RRFB posts on each leg of the marked crosswalks across 5th Street. This location was requested in the public engagement process, in part due to the nearby pedestrian generators including Rosehill Community Center, local restaurants, and connectivity from the residences on Goat Trail Road/ Washington Avenue to Old Town. This stretch of 5th Street has a posted speed of 25 miles per hour (mph) and recent speed data indicate the 85th percentile speed was 33 mph. Per FHWA guidance, an RRFB is an appropriate option for this location given speeds, traffic volumes, and lane configurations.
- **Raised intersection and bike crosswalks at 5th Street / Cornelia Avenue.** By raising the intersection, pedestrians would benefit from enhanced visibility and drivers would slow down to accommodate the raised table, which serves a purpose similar to a speed bump. Comments from the public outreach process identified Cornelia Avenue as a popular crossing location.

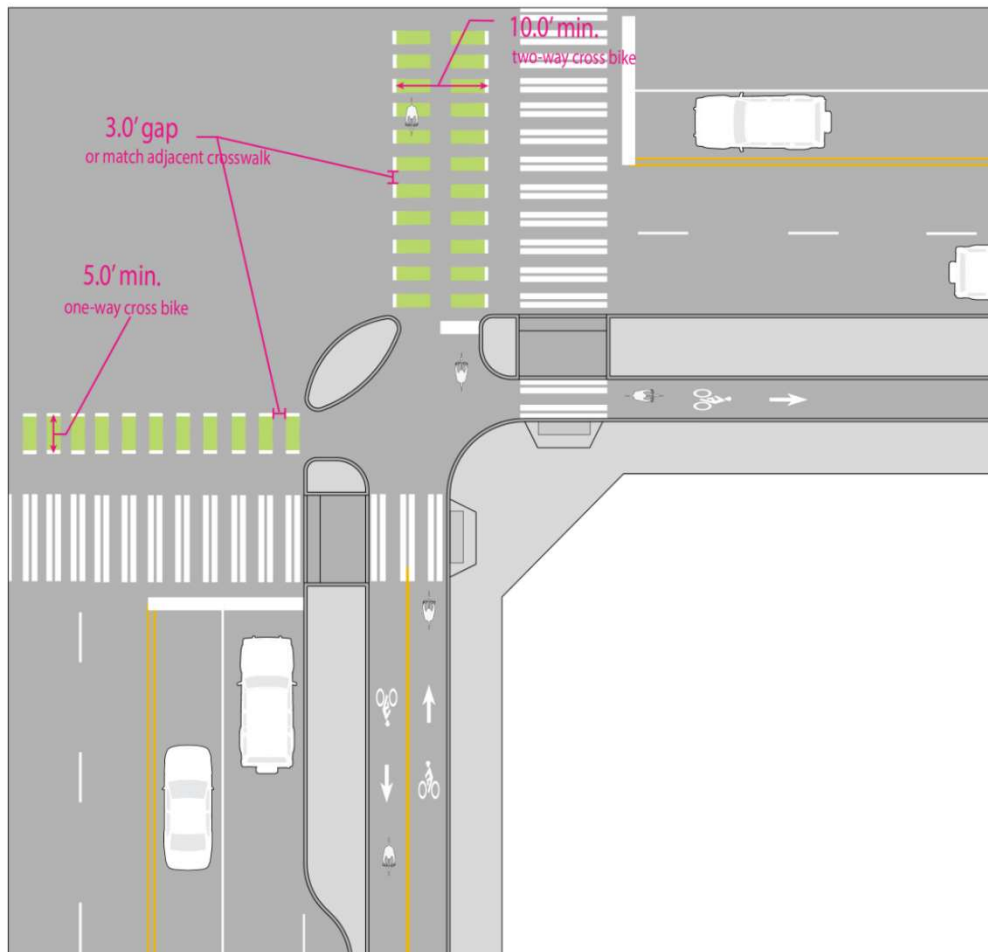
The current design plans identify Cornelia Avenue as a location to route bicyclists from 5th Street to 3rd Street, a low speed and low volume roadway. The existing RRFB at this location requires most bicyclists to dismount to trigger the RRFB (something that many bicyclists will not do because of the extra time and inconvenience to reach the button). A raised intersection provides visibility benefits and would be more practical to traverse for bicyclists. In addition, the city may repurpose the existing RRFB to another location. We recommend that the design include a “bike crosswalk” (also known as a “cross bike”), which includes green paint commonly associated with bicycle facilities and are a visual cue to drivers to look out for bicyclists, as well as a wayfinding to route bicyclists to 3rd Street. **Figure 2** shows an example cross bike from the *Seattle Right-of-Way Improvements Manual*.²

¹ “Pedestrian crossing Details.” WSDOT. April 24, 2018.
<https://wsdot.wa.gov/publications/fulltext/Standards/psl/IS-22/IS-23.pdf>

² “BIKE INTERSECTION DESIGN.” City of Seattle. January 1, 2017. <https://streetsillustrated.seattle.gov/design-standards/bicycle/bike-intersection-design/>



Figure 2 - Intersection Cross bike from the Seattle Right-of-Way Improvements Manual.



Everett Transit Route 18 currently stops on 5th Street near Loveland Avenue and east of Park Avenue. We recommend that these stops be consolidated to new stops at Cornelia Avenue. This will focus driver attention to a multimodal intersection and encourage pedestrians and bicyclists accessing transit to cross at an enhanced location. Any stop consolidation would require further discussions with Everett Transit.

The public outreach process indicated that the community would like placemaking elements, so long as it does not change the character of the Old Town community. A raised intersection serves multiple purposes for pedestrian and bicycle visibility as well as traffic calming, without substantially changing the character of the corridor. Additionally,



the design of the intersection may provide cohesion with intersection design elements at 5th Street and Lincoln Avenue today.

In addition to these primary recommendations, the City may consider the following options.

- **RRFB at the Tails and Trails Dog Park east of 5th Street / Park Avenue.** This location is a logical desire line between parking in Centennial Park and the Tails and Trails Dog Park, two pedestrian generators. Further evaluation is required to evaluate sight distance at this location, which may be impacted by the curvature of the roadway.

- **Curb bulb outs west of Mukilteo Lane.** Unlike other locations, this location does not meet minimum best practice requirements for a marked crosswalk or other enhancement. Notably, there are no major pedestrian trip generators in the vicinity of the intersection. However, community members have raised concerns about speeding along this segment, which has a posted speed of 35 mph. Design of crossing enhancements should take into consideration the slightly skewed intersection geometry, which may be challenging for southbound right turning vehicles to see pedestrians. By offsetting the crosswalk west of the intersection and reducing speeds through curb bulbs, drivers making a southbound right turn from Mukilteo Lane would have more time to see pedestrians before stopping.

This location serves as the entry point into Mukilteo from the City of Everett and provides a unique placemaking opportunity.

Design elements should incorporate cohesion with the rest of the corridor and welcome the community to Mukilteo.

Why Can't Mukilteo Install Marked Crosswalks at All Potential Crossing Locations?

The public often is confused about why there is even a debate about marking crosswalks. It's just paint after all, right?

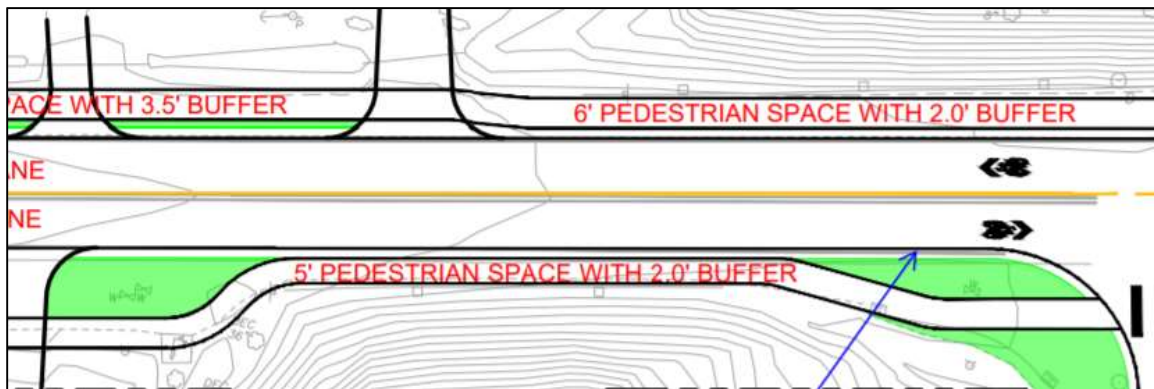
It turns out that it is not that simple. There has been ample research on pedestrian crossing safety and the value of marking or enhancing crosswalks. The data show that marking all legal crossing requirements would not improve pedestrian safety and perhaps could increase the risk of crashes because of the increased "visual clutter" of additional crosswalk markings. (Keep in mind that every intersection includes legal, but typically unmarked crossings at all the corners).

Therefore, crosswalks are best marked where there is a concentration of pedestrian activity and higher traffic volumes or speeds that make crossing the road more difficult. Therefore, data and analysis is required to identify appropriate locations to install marked crossings or other crosswalk enhancements.



- **Rumble strips or a low extruded curb at constrained points along the corridor.** In addition to crossing treatments, another way to address pedestrian comfort is to help drivers from encroaching into the pedestrian zone. While the current design includes landscaped buffers between vehicles and pedestrians, there is a constraint on the west end of the corridor above a ravine. The design may benefit from safety shoulder treatments such as rumble strips, raised pavement markers, a low extruded asphalt curb angled flares to alert drivers that they should slow down given the potential for pedestrians within a close proximity. **Figure 3** shows an excerpt of the preferred concept design to illustrate where rumble strips or a low extruded curb would be appropriate near the 5' pedestrian space with 2' buffer.

Figure 3 - Preferred Concept Design (11/03/2021).



It is important to note that the recommended crossing treatments identified in this memo are based on a limited review of data. Notably, field conditions such as lighting levels, sight distance, and speed verification were not conducted. Some traffic counts were estimated based on daily traffic data. As part of refining this conceptual design to a level of detail sufficient for construction, City staff should conduct a more detailed site-specific review to confirm feasibility, appropriateness, and develop formal design plans for the treatments.