

December TSC Meeting



Town of Superior Neighborhood Traffic Safety Committee (TSC)
December 2, 2019

Presentation Outline

2019 TSC Program Overview

1. Pitkin Neighborhood
2. 76th and Sycamore Neighborhood
3. Rock Creek Circle Neighborhood
4. Yarrow Circle Neighborhood
5. Torreys Peak Neighborhood
6. Riverbend Neighborhood

2019 TSC Program Overview



2019 TSC Process Summary

- Organized and restated TSC program steps and thresholds
- Four neighborhoods applied to the the program
- Four community meetings with over 60 residents
- Two on-line surveys with over 700 responses
- Dozens of e-mails to staff

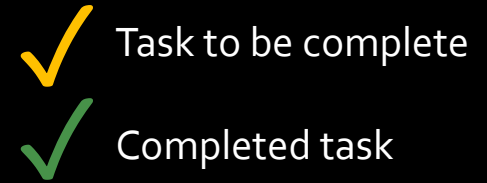


2019 Key Lessons Learned

- 15 neighborhood traffic study locations in 6 neighborhoods
- Approximately 2 weeks of total data collected (weekdays, weekend, holiday, summer, and BVSD in session)
- **Every count location** had an 85th percentile speed that did not exceed **5 MPH above the 25 MPH** posted limit
- 60 to 80% of people are **traveling below** the posted speed limit
- “Full stop” sign compliance is in the 2 to 10% range



2019 TSC Project Status



	Step 1: Project Initiation	Step 2: Data Collection	Step 3: Eligibility Review	Step 4: Community Outreach	Step 5: TSC Final review
Pitkin Ave	✓	✓	✓	✓	✓
76 th / Sycamore	✓	✓	✓	✓	✓
Rock Creek Circle	✓	✓	✓	✓	✓
Yarrow Circle	✓	✓	✓	✓	✓
Torreys Peak Dr.	✓	✓	✓	✓	✓
Riverbend Street	✓	✓	✓	✓	✓

1. Pitkin Avenue Neighborhood



Pitkin Avenue Summary



Step 1: 
Project Initiation

Step 2:  
Data Collection

Step 3:  
Eligibility Review

Step 4:  
Community Outreach

Step 5:  
TSC Final review

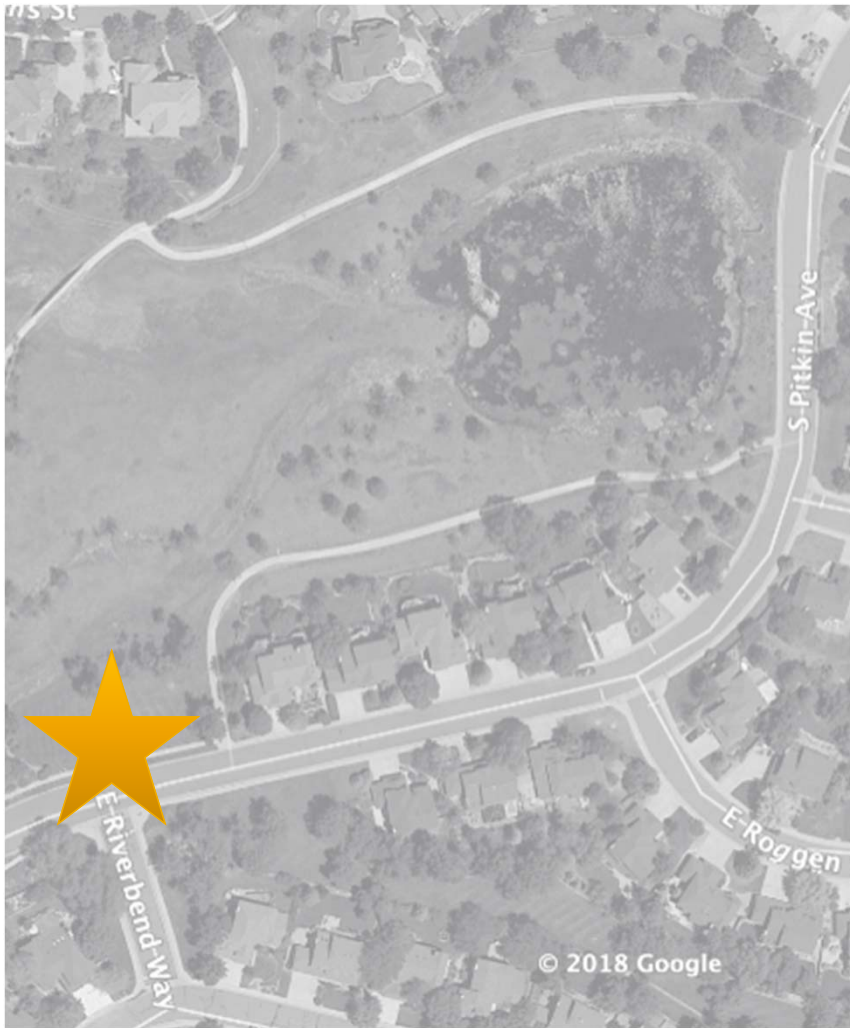
September 2018 design considerations



Temporary speed hump installed



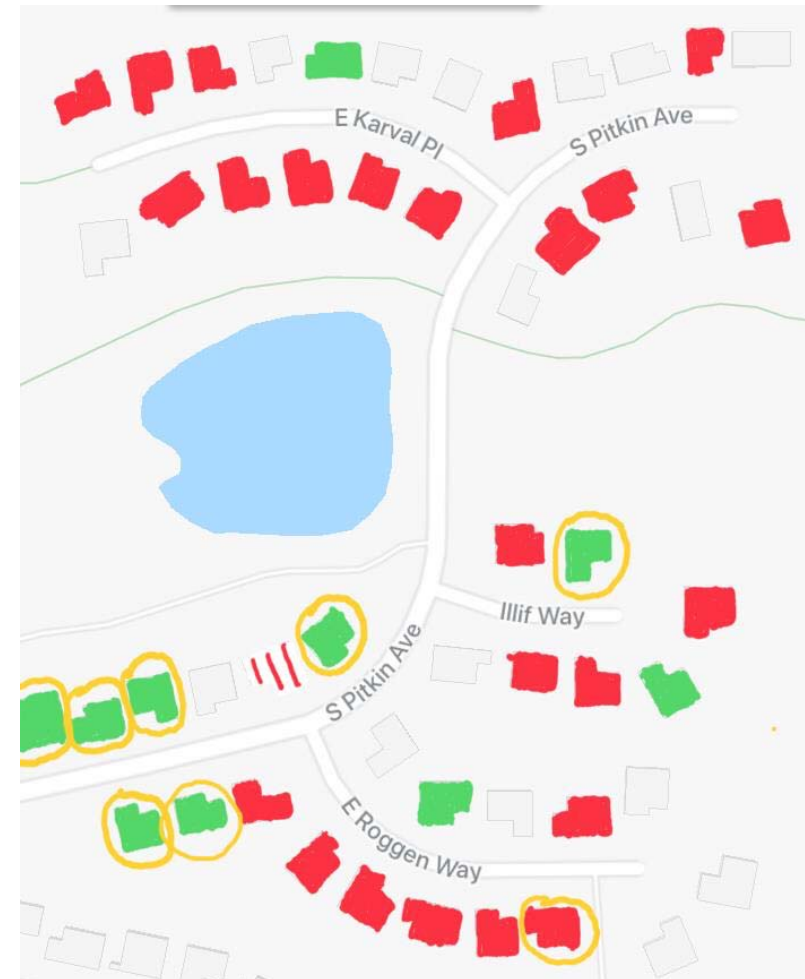
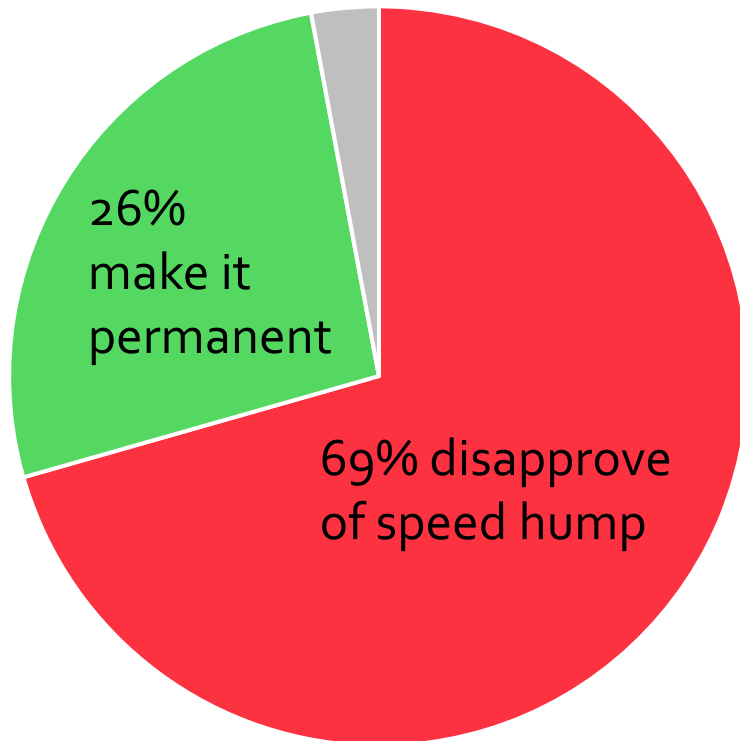
All way stop installed @ Riverbend



May 2019 Resident Created Survey

Results

- 35 responses
 - 24 disapproved of speed hump
 - 10 approved
 - 1 no opinion



Color code:
Red—Disapprove of the speed hump
Green—Approve of the speed hump
White and red—No opinion but stated they wished the speed hump to be removed
Yellow circles—Indicates the Town of Superior communicated with them about the speed hump

Note: Data collected by neighborhood resident Dalton Valette

September Meeting Summary

- 19 residents total from Pitkin, Roggen and Karval
- Neighbors willing to find a balanced solution for everyone in neighborhood
- Perception that vehicles are going faster than the speed data
- Speed hump is slowing traffic but design is not working for all vehicles and all residents
- Stop sign compliance is low
- Would like to see more enforcement



Pitkin Traffic Volumes

Daily traffic volumes

Legend

Average 24-hour traffic for average weekday



Note: Data collected on 8/28, 8/29, 10/16, and 10/17 for 24 hours a day.

Pitkin Speed Comparison

85th percentile speeds

Legend

85th percentile directional speed over 24 hours



Posted speed limit



Note: Data collected on Tuesday October 16th and Wednesday October 17th, 2019 for 24 hours a day.

Pitkin Speed Comparison

% speeds above 28 MPH

Legend

Percentage of vehicles traveling over 28 MPH



Posted speed limit



Note: Data collected on Tuesday October 16th and Wednesday October 17th, 2019 for 24 hours a day.

Pitkin Speed Comparison

% speeds at or above 25 MPH

Legend

Percentage of vehicles traveling at or above 25 MPH



Posted speed limit



Note: Data collected on Tuesday October 16th and Wednesday October 17th, 2019 for 24 hours a day.

Pitkin Speed Comparison

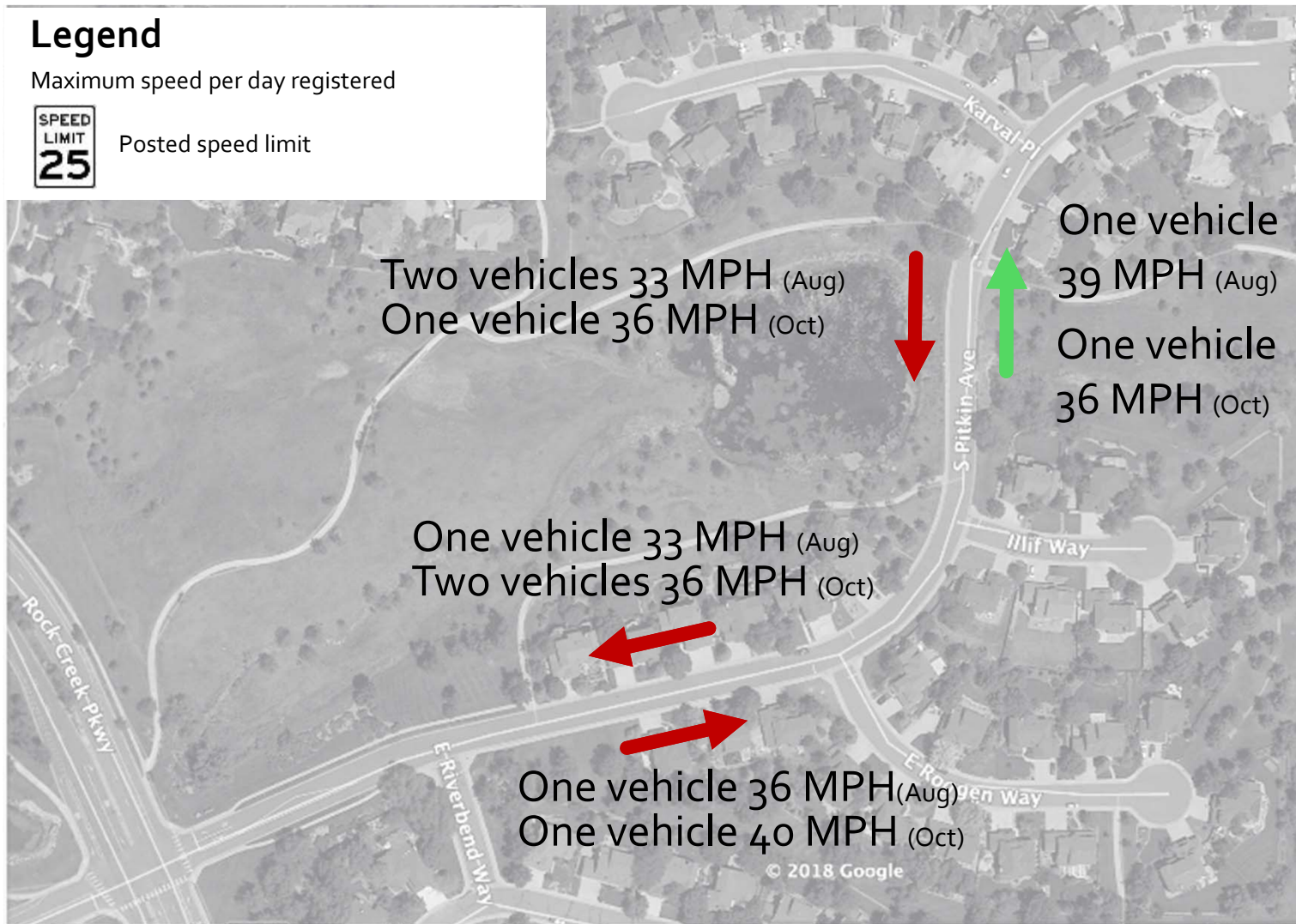
maximum speed

Legend

Maximum speed per day registered



Posted speed limit



Note: Data collected on Tuesday October 16th and Wednesday October 17th, 2019 for 24 hours a day.

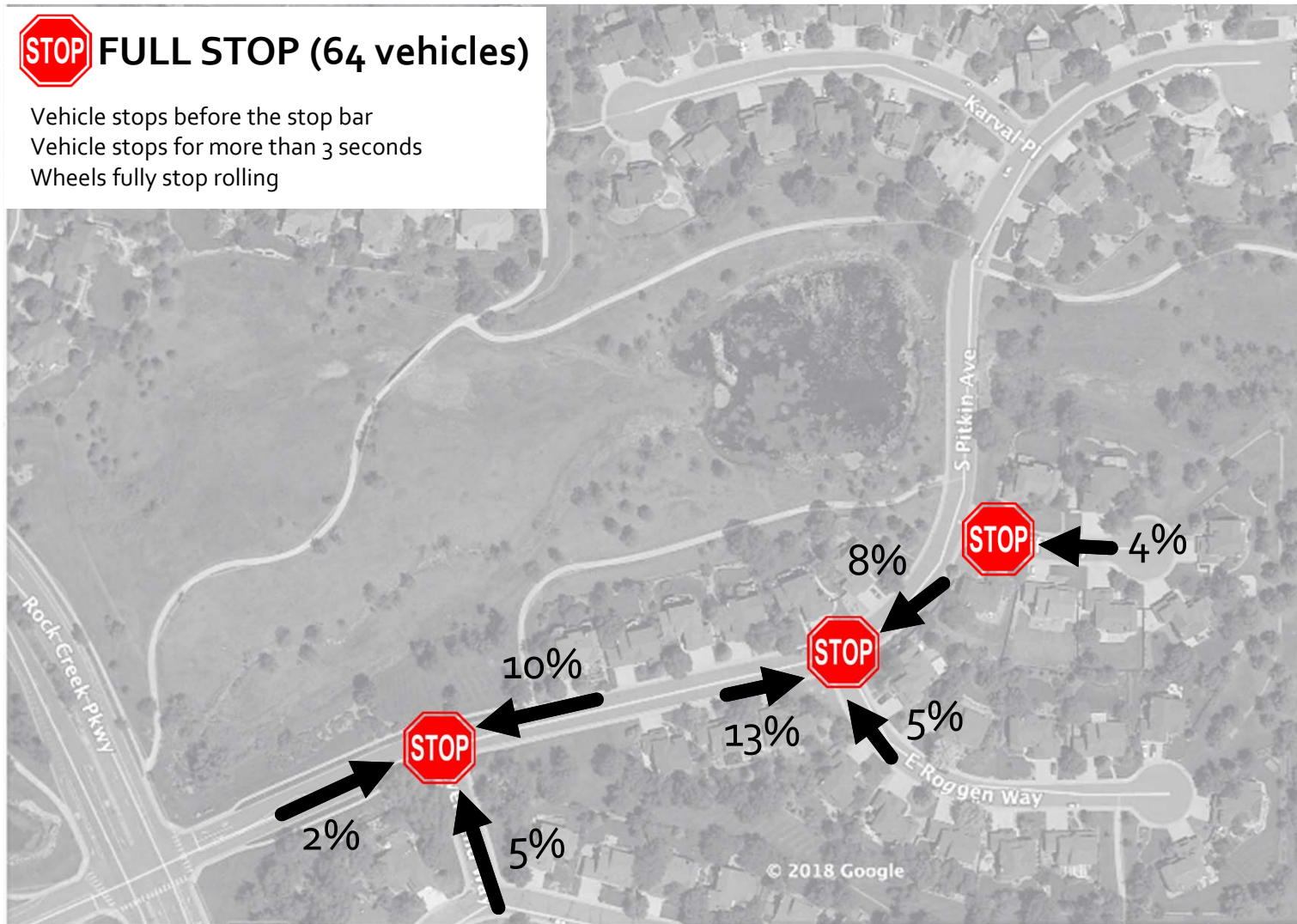
Stop Sign Compliance

Full Stops



FULL STOP (64 vehicles)

Vehicle stops before the stop bar
Vehicle stops for more than 3 seconds
Wheels fully stop rolling



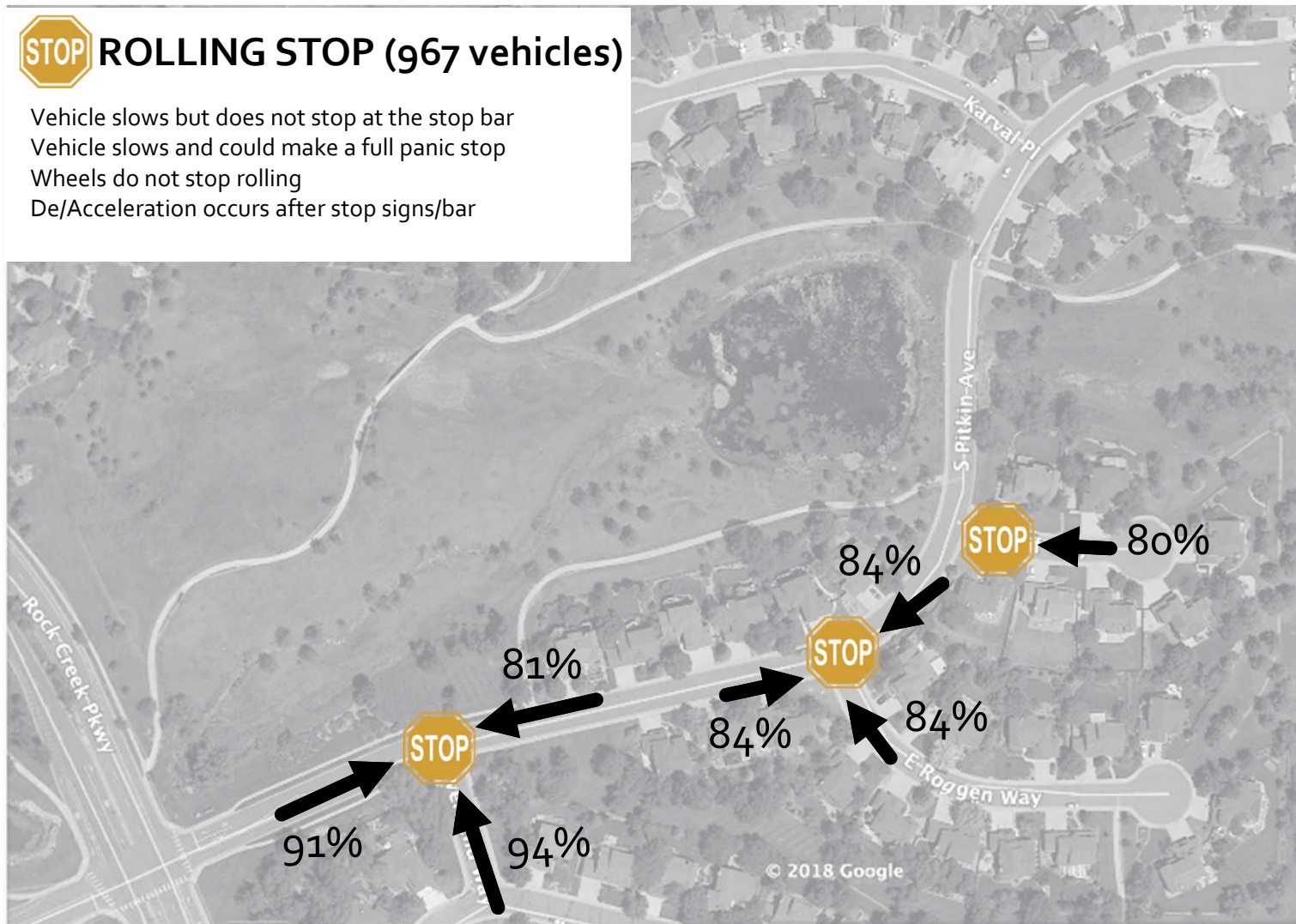
Note: Data collected on Tuesday October 1st 2019 from 7AM to 7PM.

Stop Sign Compliance

Full Stops

ROLLING STOP (967 vehicles)

Vehicle slows but does not stop at the stop bar
Vehicle slows and could make a full panic stop
Wheels do not stop rolling
De/Acceleration occurs after stop signs/bar



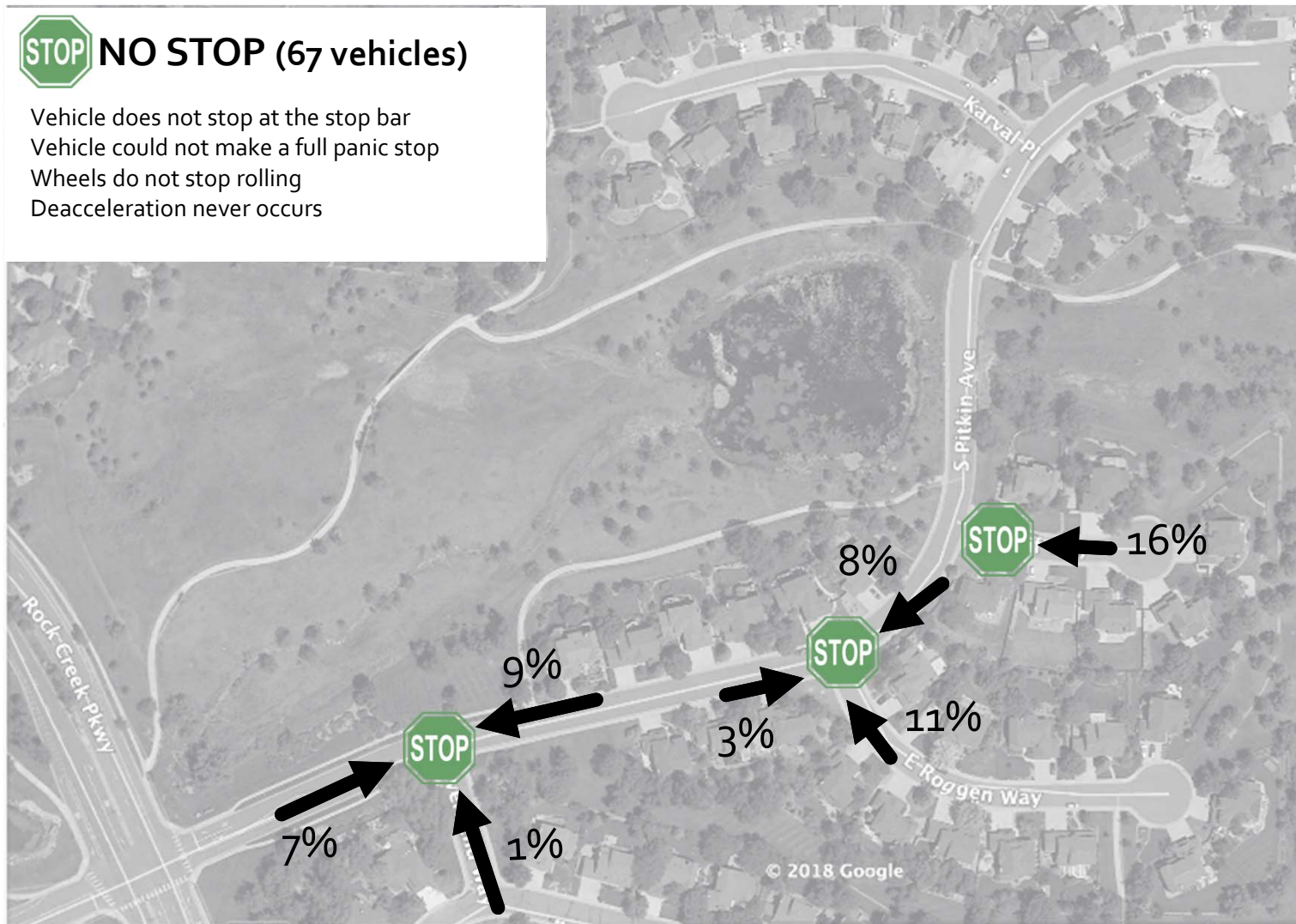
Note: Data collected on Tuesday October 1st 2019 from 7AM to 7PM.

Stop Sign Compliance

Full Stops

NO STOP (67 vehicles)

Vehicle does not stop at the stop bar
Vehicle could not make a full panic stop
Wheels do not stop rolling
Deceleration never occurs



Note: Data collected on Tuesday October 1st 2019 from 7AM to 7PM.

Alternative #1

Single entry island and dual speed humps

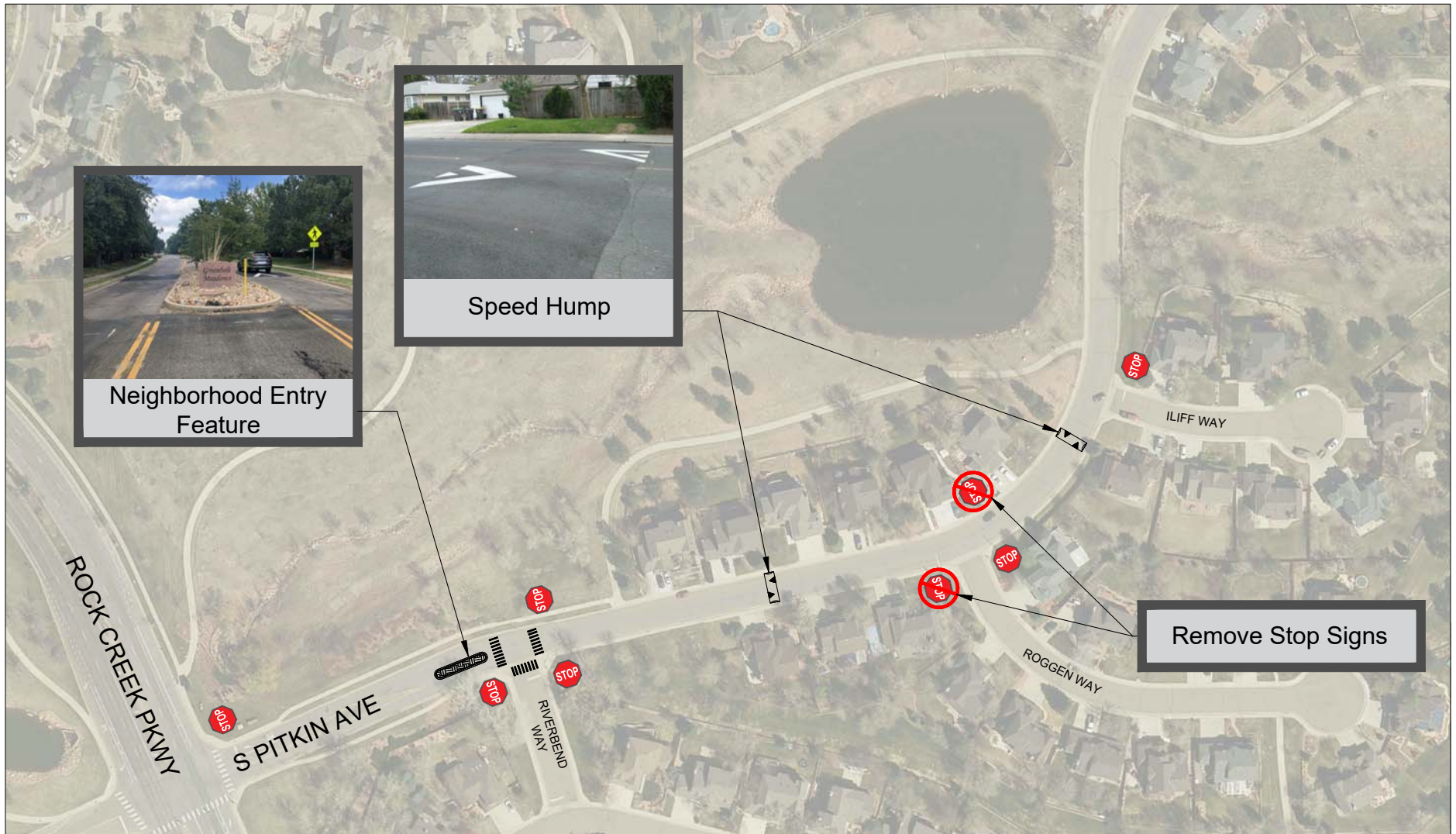


Figure 1
Pitkin Ave Traffic Calming - Vicinity Map - Alternative 1

Revised November 2019
1" = 100'



Alternative #2

Dual entry islands and single speed hump

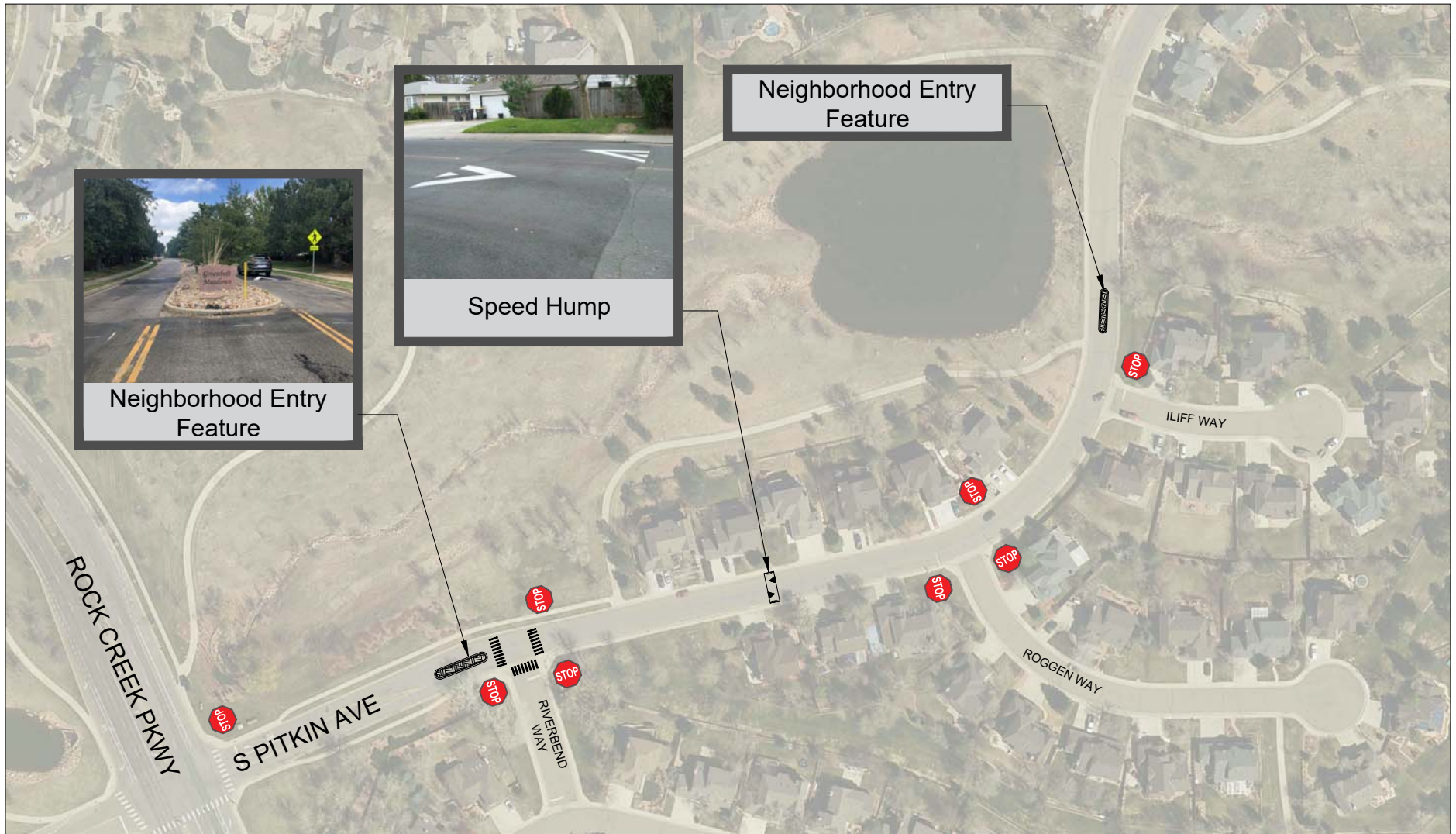


Figure 3
Pitkin Ave Traffic Calming - Vicinity Map - Alternative 2

Revised November 2019
1" = 100'



Alternative #3

Single entry island, raised crossing and speed hump

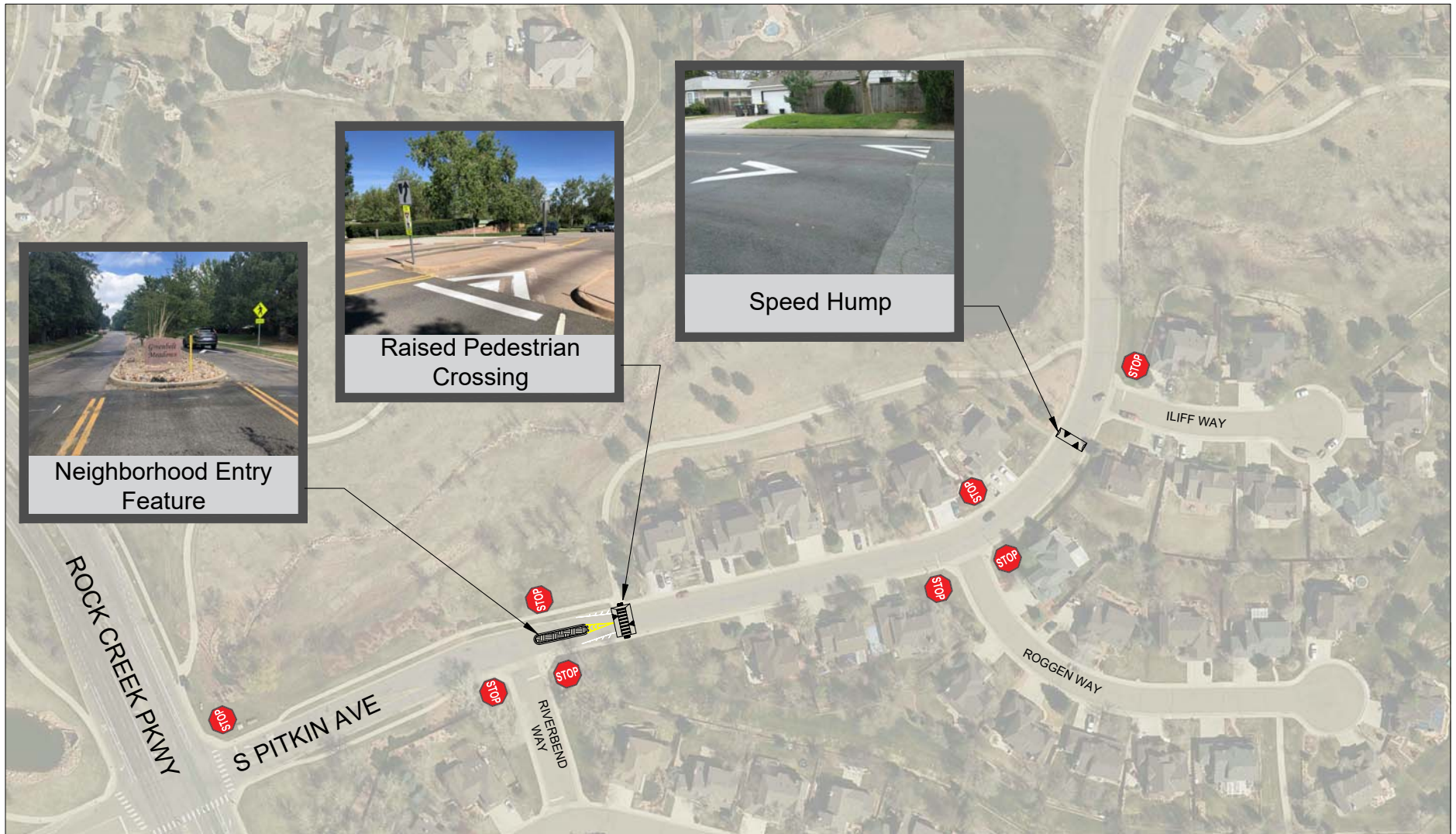


Figure 5
Pitkin Ave Traffic Calming - Vicinity Map - Alternative 3

Compromise Alternative



Pitkin Ave Traffic Calming - Recommended Measures

2. 76th and Sycamore Neighborhoods



Rock Creek Circle Summary

Completed

- Pedestrian crossing signs deployed

To Do in 2020

- Finalize designs and costs for 76th and Sycamore intersection



Step 1: 
Project Initiation

Step 2:  
Data Collection

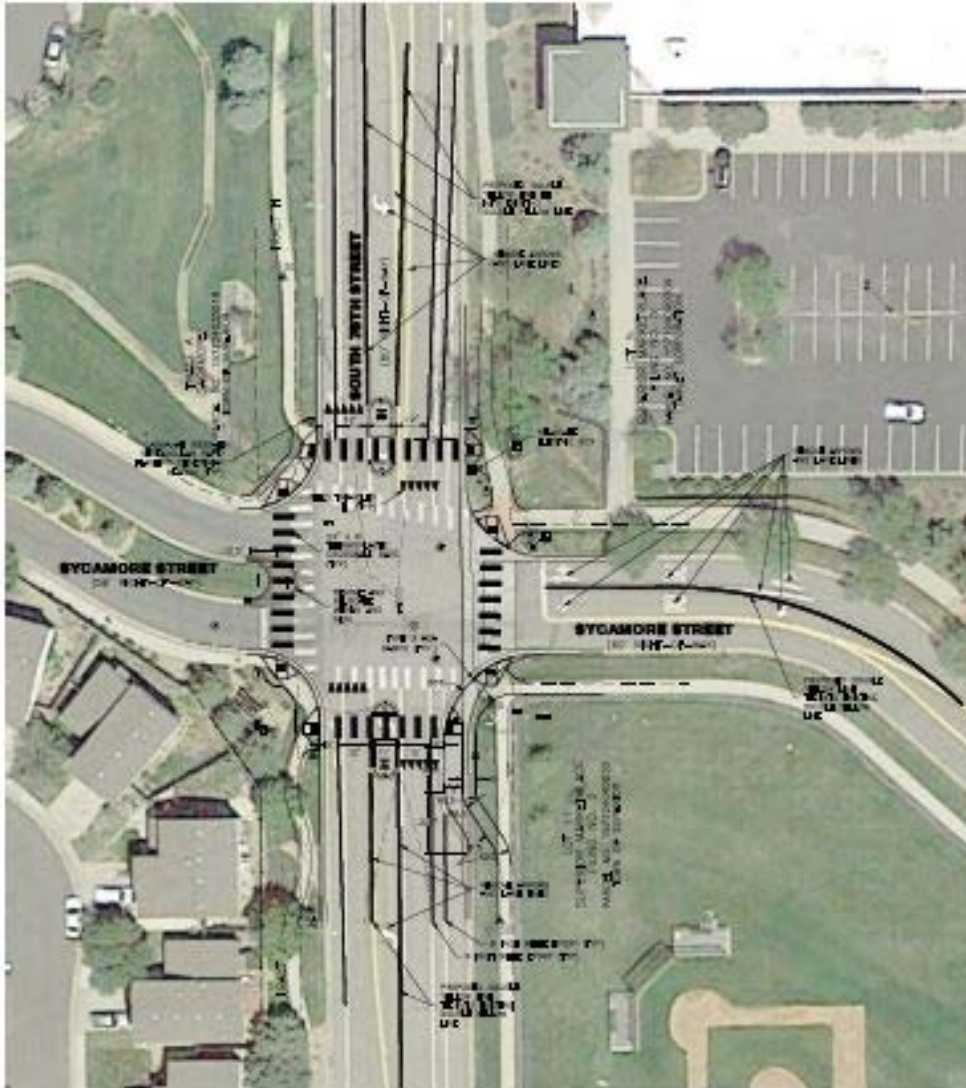
Step 3:  
Eligibility Review

Step 4:  
Community Outreach

Step 5:  
TSC Final review

76th and Sycamore Intersection Design

Recommended Ultimate Design



Design Elements

- Two pedestrian refuges with RRFBs
- Eliminate left-turn lanes
- Bulb-out on SE corner
- 8 ADA ramps

Cost: \$300,000

76th and Sycamore Intersection Design

Interim Design



Design Elements

- One pedestrian refuge with RRFB
- Eliminate left-turn lanes
- Bulb-out on SE corner
- 3 ADA ramps

Cost: \$120,000

76th and Sycamore Intersection Design

Recommended Interim Design



Design Elements

- Add Stop signs on 7thSt.

Cost:

- \$1,000 for Stop Signs
- \$20,000 to restripe to eliminate left-turn lanes

3. Rock Creek Cir. Neighborhood



Rock Creek Circle Summary

Completed

- Mid-block pedestrian crossing on Coalton Road

To Do in 2020

- Finalize designs and costs for Rock Creek Circle and W. Yarrow Circle intersection
- Finalize designs and costs for Rock Creek Circle and E. Yarrow Circle intersection



Step 1: 
Project Initiation

Step 2:  
Data Collection

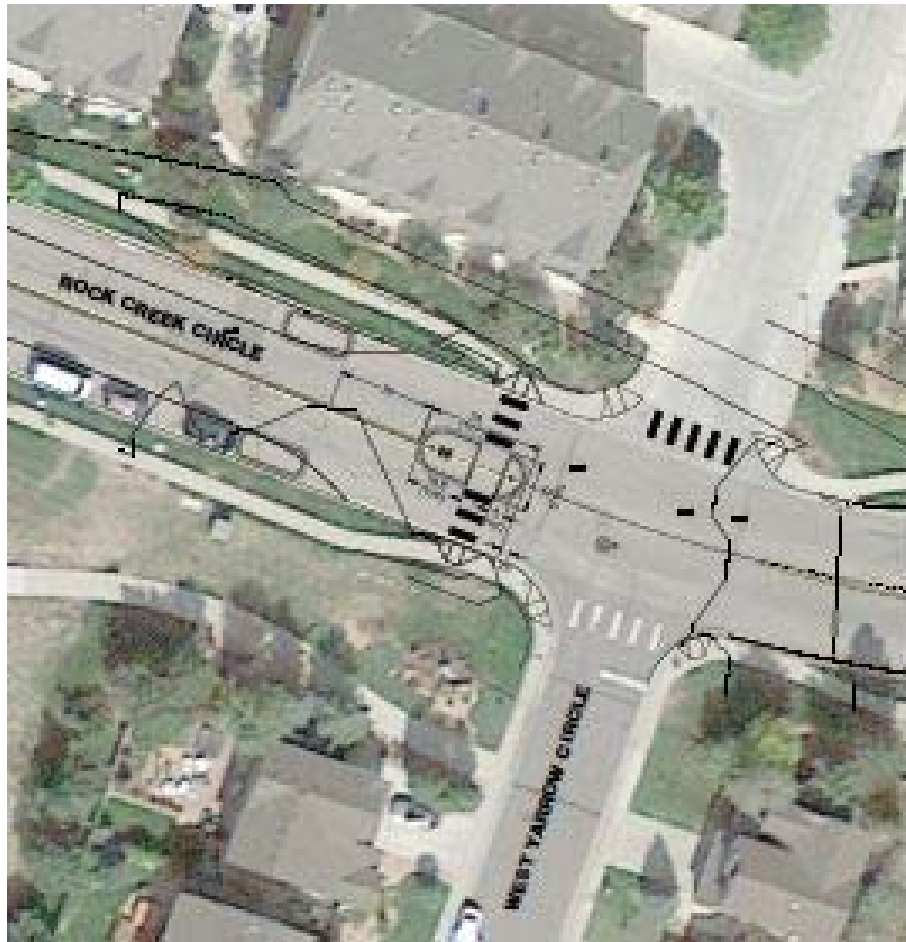
Step 3:  
Eligibility Review

Step 4:  
Community Outreach

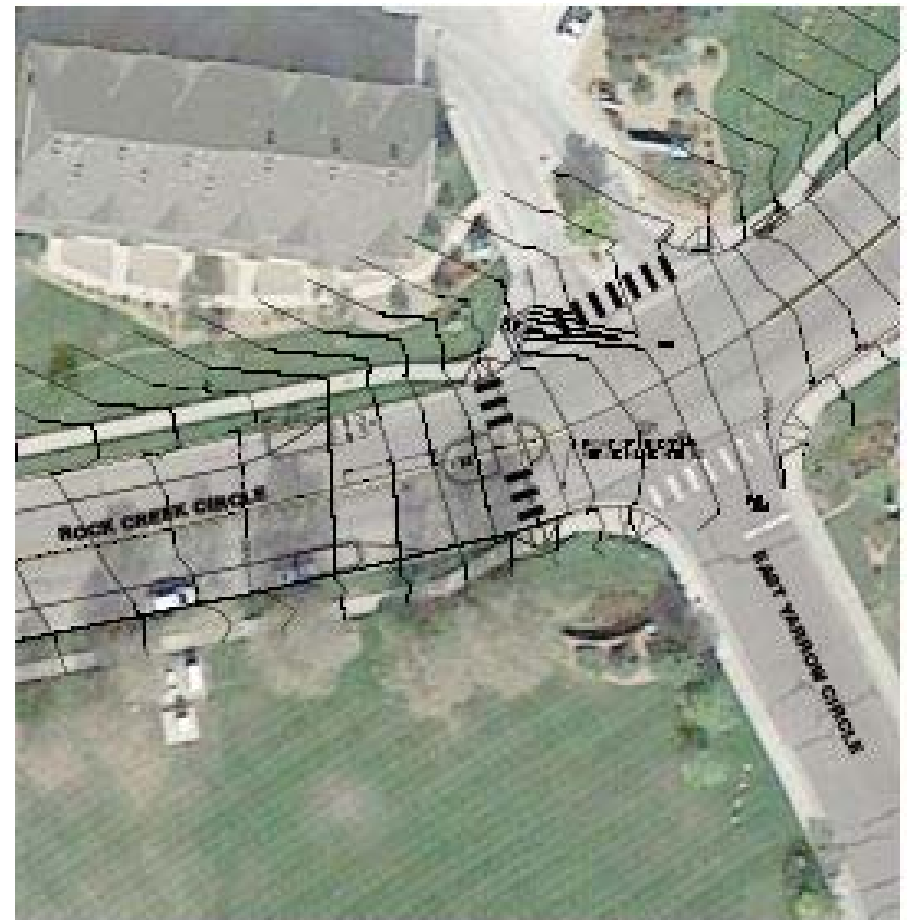
Step 5:  
TSC Final review

Yarrow Circle Intersections Design

Recommended Design



Cost: \$100,000



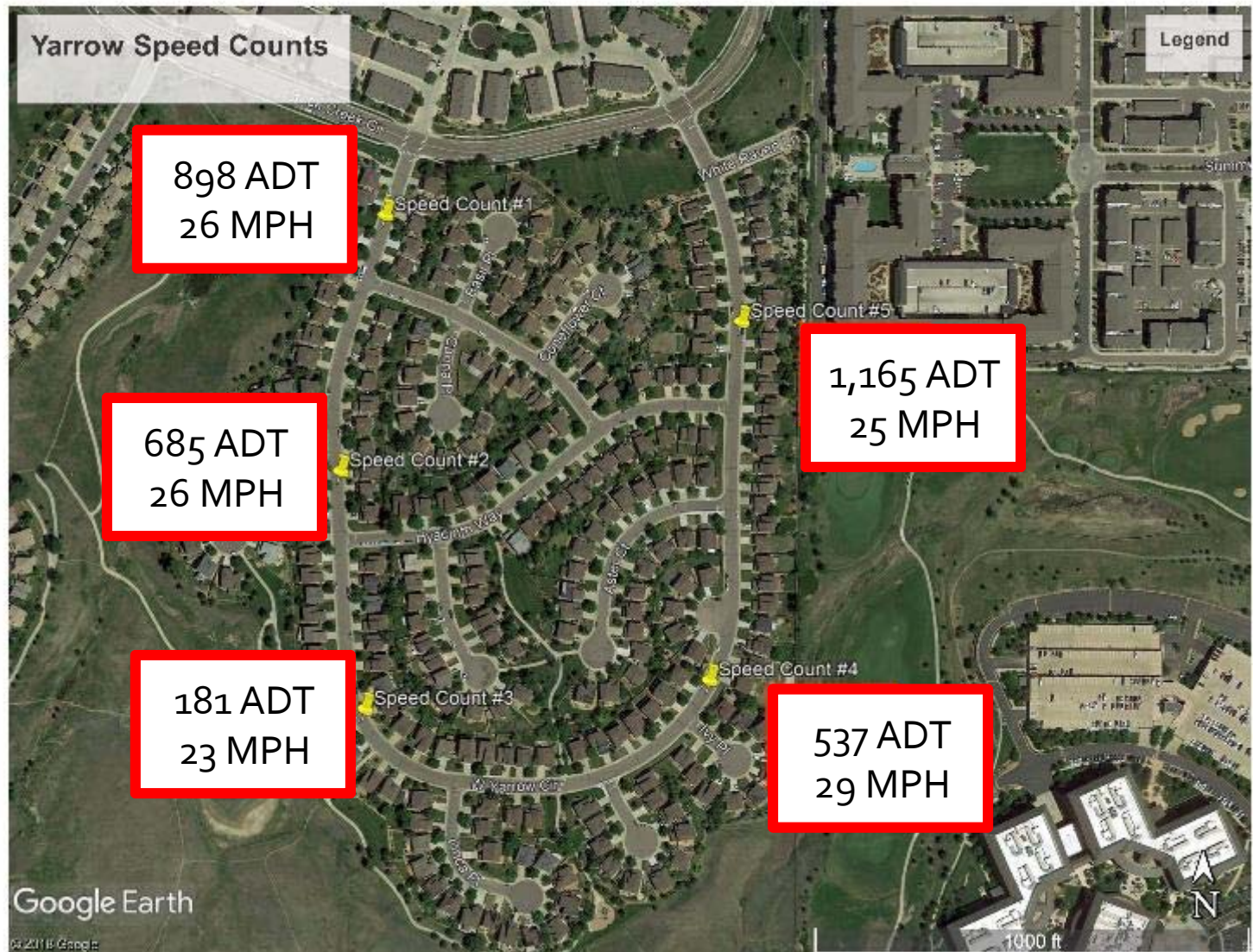
Cost: \$100,000

4. Yarrow Circle Neighborhood

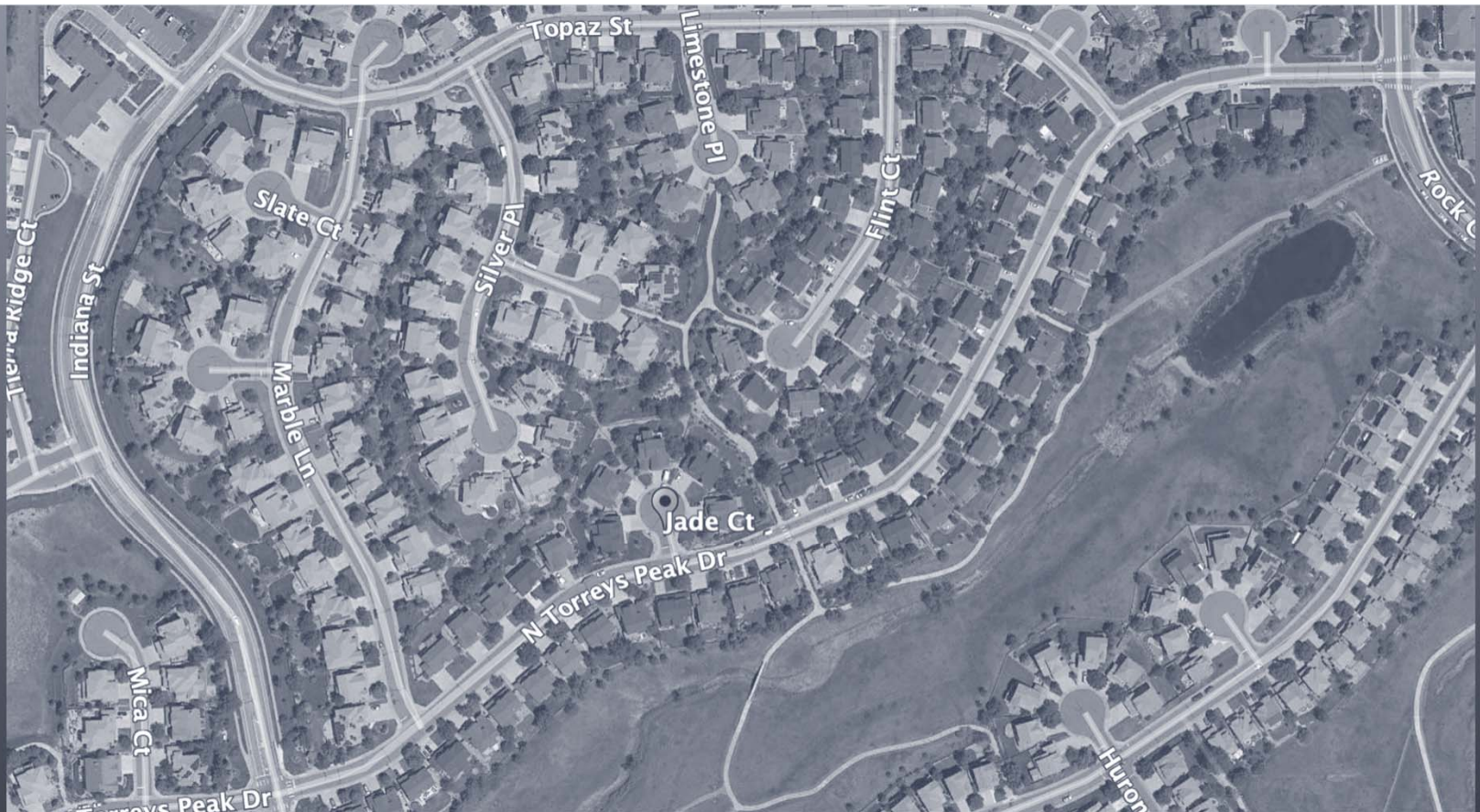


Yarrow Circle Summary

- Data collected during a weekday in September 2019
- Speeds shown as 85th percentile for both directions at the tube counter
- No locations over 5 MPH limit

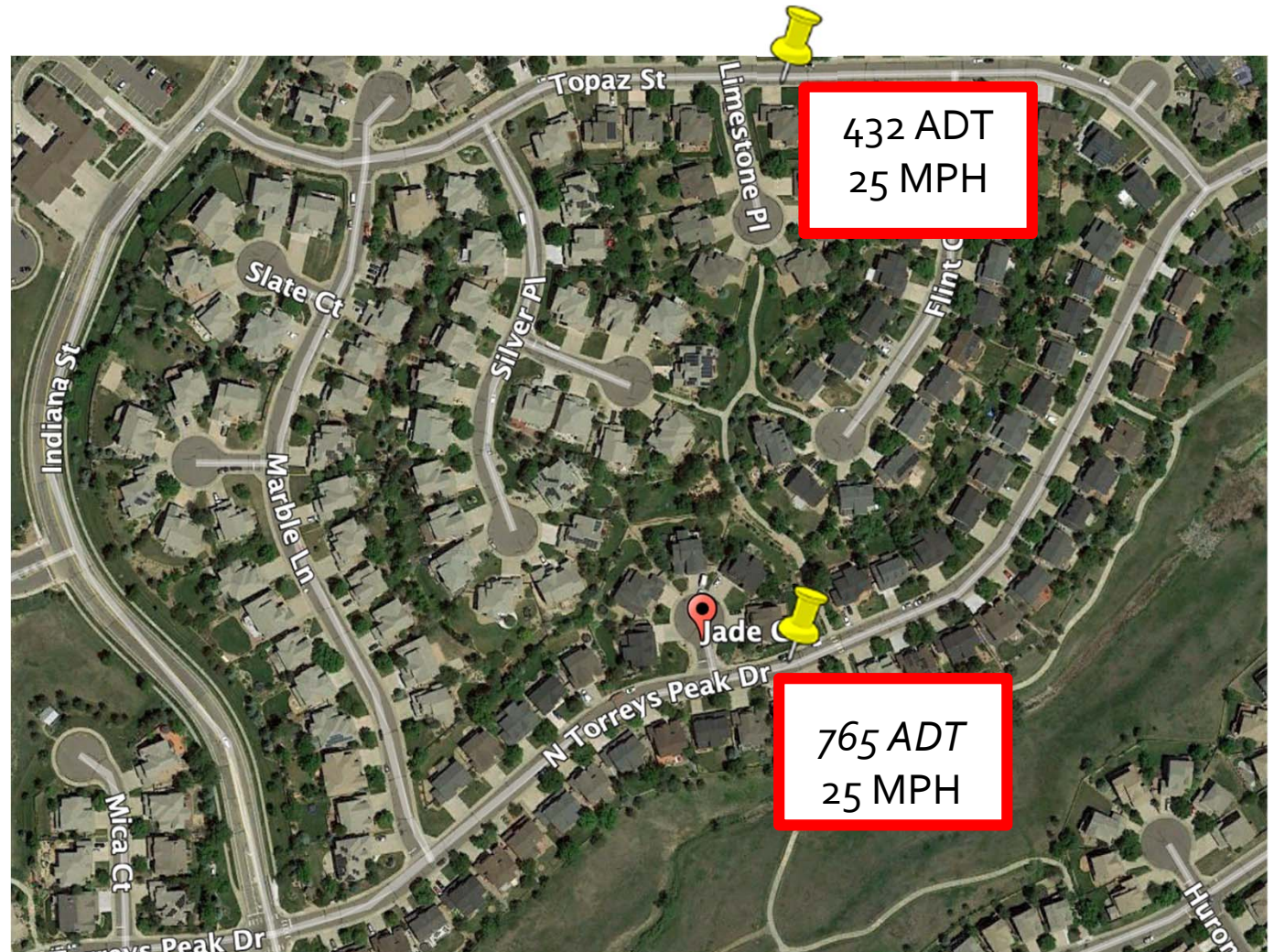


5. Torreys Peak Neighborhood



Torreys Peak Summary

- Data collected during three weekdays in November 2019
- Speeds shown as 85th percentile for both directions at the tube counter
- No locations with 85th percentile speed exceeding 5 MPH over posted speed limit

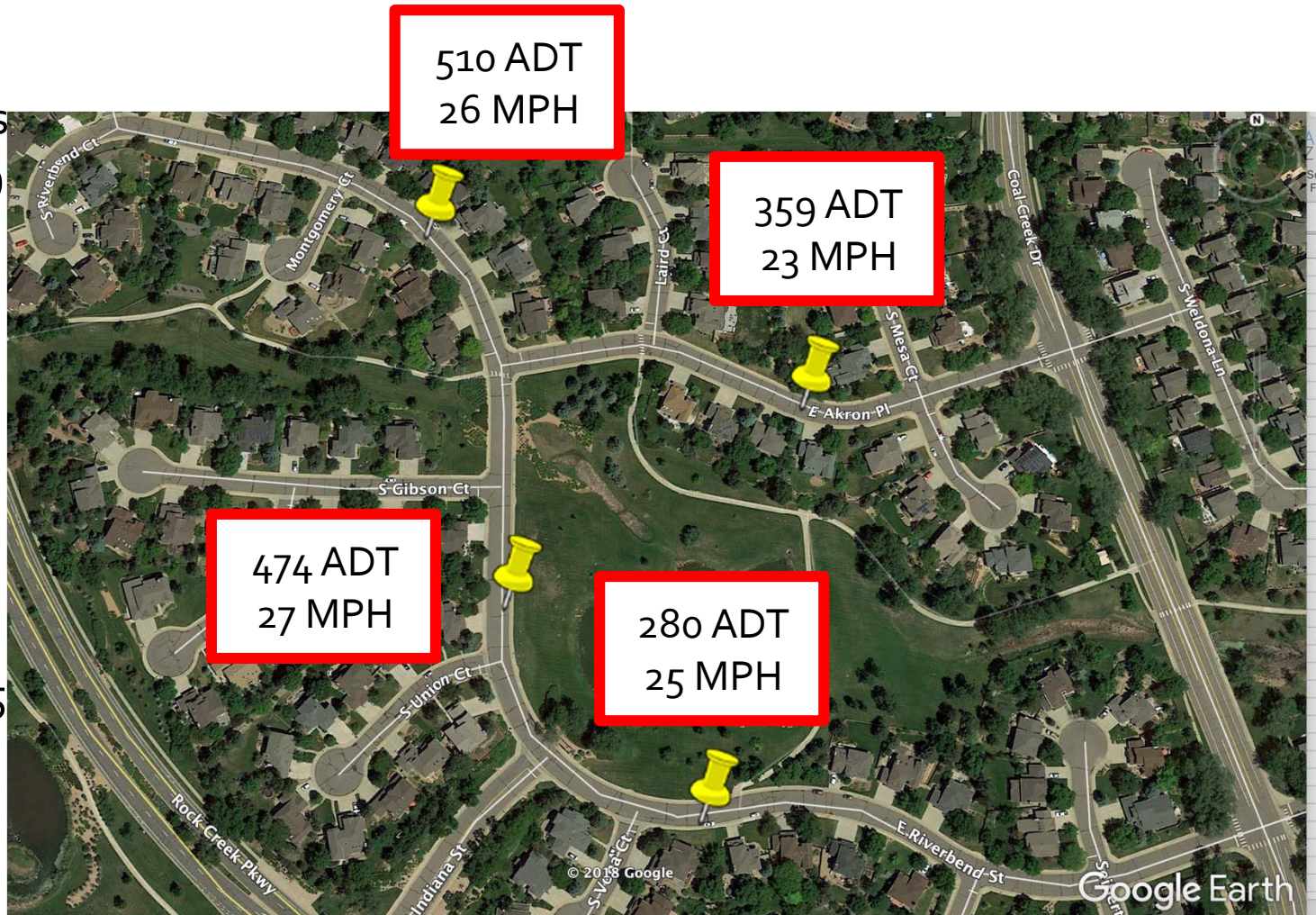


6. Riverbend Neighborhood



Riverbend Summary

- Data collected during 3 weekdays in November 2019
- Speeds shown as 85th percentile for both directions at the tube counter
- No locations with 85th percentile speed exceeding 5 MPH over posted speed limit





Memorandum

TO: Transportation & Safety Committee

FROM: Alex Ariniello, Public Works & Utilities Director

DATE: December 2, 2019

RE: Pitkin North Traffic Calming

In July, 2018 Staff received a request for speed humps on Pitkin in the area of Roggen Way. In response staff set up the Town's speed trailer and collected 4 days of speed data in July, 2018 which is summarized in the attached report. The 85th Percentile speed was calculated at 29 mph with 26.5% of the traffic exceeding the 25 mph posted speed. The TSC heard public comment and discussed this issue at its September 17, 2018 meeting (see attached notes). The TSC directed that an all-way stop be installed at Pitkin/Riverbend and speed humps be installed on Pitkin. The all-way stop was implemented in September, 2018 and a temporary speed hump was installed in April, 2019 between Riverbend and Roggen.

Speed and volume data (see attached) were collected in late August, 2019 and a neighborhood meeting was held on September 25, 2019 (see notes). Speed data was discussed and various traffic calming measures were discussed. The temporary speed hump had to be removed before being damaged by snow plows. Residents at the meeting requested that additional speed and volume data be collected after the speed hump was removed and that an additional neighborhood meeting be held. Staff promised to package a few options and present the new speed data at the next meeting.

The second neighborhood meeting was held on October 30, 2019 (see attached presentation materials and meeting notes). The before and after speed data was presented along with stop-sign compliance data. Three options were presented and there was a lively discussion on the merits of each. There seemed to be general consensus on leaving the all-way stop installations at Pitkin/Riverbend and Pitkin/Roggen in place. There was some support for putting the speed hump back in place but several residents questioned the need and effectiveness of the speed hump given the speed data which indicated 85th percentile speeds at or below the posted speed. Some residents also wanted some traffic calming feature on Pitkin near Karval.

Staff has developed the attached plan for the TSC's consideration including the following measures:

1. All-Way Stop Control at Pitkin/Riverbend
2. Speed Hump between Riverbend and Roggen (\$12,000)
3. All-Way Stop Control at Pitkin/Roggen
4. Median Island and Pedestrian Refuge at trail crossing south of Karval (\$60,000)

Staff feels the first 3 measures address the concerns of the residents who live on Pitkin between Riverbend and Iliff. The speed hump is still opposed by several residents who live on Karval and at the end of Pitkin. Staff questions the need for item 4 given its cost and the low volume of traffic (220 vpd) it would affect.

Attachments

- September 17, 2018 TSC Meeting Notes
- September 25, 2019 Neighborhood Meeting Notes
- October 30, 2019 Neighborhood Meeting Presentation & Notes
- Speed and Volume Data Summary
- Speed and Volume Raw Data from September, 2018, August, 2109 & October, 2019

Town of Superior
Transportation & Safety Committee (T&SC)
Meeting Notes
September 17, 2018

Members of the Committee in attendance: Mark Lacis, Chris Hanson, Kevin Ryan

Others in Attendance: Alex Ariniello, Staff; Sgt. Chamberlain, Boulder County Sheriff; several residents

Items from the Public not on the Agenda: several residents thanked the Board for closing Weldona Way at 88th Street and suggested that staff contact mapping companies so that GPS routing will reflect the closure.

Agenda Items:

1. Pitkin Speed Hump Requests:
 - a. Oded Ouaknine presented a request for speed humps on Pitkin Avenue north of Rock Creek Parkway. Several residents spoke in favor of the request. Others were opposed to the speed humps and felt four speed humps were too many. There was a suggestion for installation of an all-way stop at Pitkin Ave/ Riverbend St. Staff presented cost of speed humps (\$12,000 each), raised pedestrian crossings (\$25,000 each), speed radar signs (\$5,000 each), and Stop signs (\$200 each). The cost for installing the temporary speed humps that the Town owns was estimated at about \$3,000. Sgt. Chamberlain discussed the option of making the intersection of Pitkin Avenue and Riverbend Street into a 3-way stop. Trustee Hanson discussed options for speed hump placement on Pitkin Avenue and the priority level of streets for snow plowing. Trustees Hanson, Lacis and Ryan requested that two speed humps be installed in the spring of 2019 and that an all-way stop be installed immediately at Pitkin Avenue/Riverbend Street.
2. Speed Enforcement by the Sheriff's Office
 - a. Sgt. Chamberlain presented a comparison of the numbers of tickets written by officers between 2018 and 2017. An additional deputy was added in 2018 and this is reflected in the increase of traffic tickets written in 2018. Sgt. Chamberlain discussed procedures for writing tickets and warnings.
3. Castle Peak Speed Humps Update
 - a. Staff presented traffic counts for Castle Peak Ave and surrounding streets before and after the installation of temporary speed humps on Castle Peak, potential locations for permanent speed humps on Castle Peak Avenue between Mt. Sopris Parkway and Rock Creek Circle, and the design of speed humps. It was noted that the temporary speed humps will be removed for the snow season. Resident Laura Skladzinski discussed the placement of permanent speed humps north of Mt Sopris Parkway and suggested locations on Castle Peak Avenue south of Mt Sopris Parkway. Resident Brian Hill asked how the technique for determining the placement of speed humps will improve over time and about the extent of speed hump installation in the future. Trustees Hanson, Lacis, and Ryan requested that a permanent speed hump be placed at the northernmost location on Castle Peak Avenue and that temporary speed humps be used to determine other



Meeting Summary

Pitkin Avenue Neighborhood Meeting
September 25, 2019
7:00-8:30 PM
BOARD ROOM, TOWN HALL



Agenda

1. Introductions and review agenda (7:00 PM)
2. Neighborhood Traffic Calming Program overview (7:05 PM)
3. Review existing conditions data and feedback (7:15 PM)
4. Traffic calming toolbox options (7:30 PM)
5. Prepare options for TSC consideration (7:45 PM)
6. Next steps (8:25 PM)
7. Adjourn neighborhood meeting (8:30 PM)

Staff Present

- Alex Ariniello, Public Works Director
- Carlos Hernandez, FoxTuttleHernandez

Neighborhood Present

- See attached sign in sheet

Summary of existing conditions input from neighborhood (see presentation for details)

Staff facilitated an exercise to determine if the actual speed data matched the perception of the speeds on Pitkin Way. Staff explained 85th percentile speeds are and asked attendees to write down their perception of 85th percentile speeds at two Pitkin locations. The summary of the neighborhood perception of speed is shown in the table below.

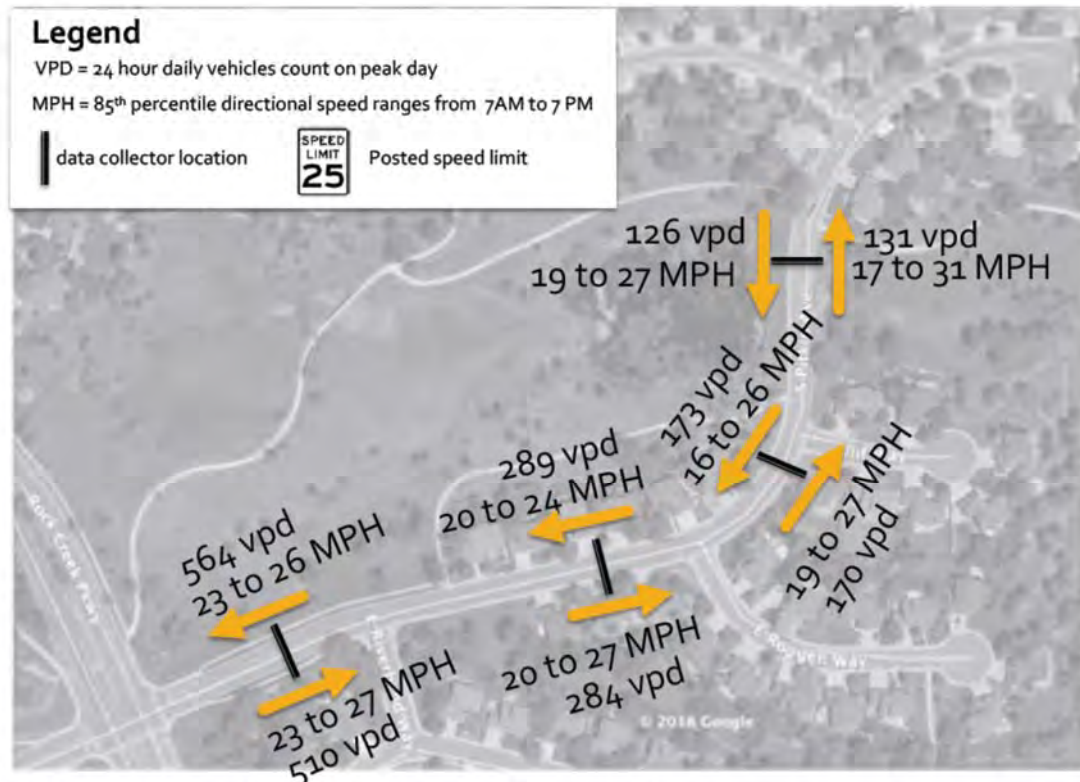
Summary table of Neighborhood speed perception

	Pitkin north of Iliff intersection (near pond)	Pitkin near Riverbend intersection
	20	21
	27	23
	27	25
	28	25
	30	28
	32	28
	32	30
	33	30
	33	30
	35	31
	35	32
	35	32
	35	33
	38	33
	38	34
	38	35
Average (MPH)	32	29

Staff the presented the traffic volume and speed data collected by traffic counters over a week period in August 2019. The perception from neighborhood input is that vehicles are traveling at a higher rate of speed than what was actually measured.

August 2019 Pitkin data summary

85th percentile speeds and daily traffic volumes



Note: Data collected in August 2019 for 24 hours a day from Tuesday to Thursday when BVSD was in session.

Staff opened up the meeting to input on existing conditions data and asked for experiential data from the neighborhood. A summary of the input is noted below:

- The temporary speed hump has appeared to slow traffic on Pitkin
- The temporary speed hump has been difficult for some neighbors with low profile vehicles
- The new 3-way stop at Riverbend has very few full stops (some people don't stop)
- The 3-way stop at Roggen has very few full stops (some people don't stop)
- Neighbors frequently see the same vehicles driving at speeds they think are over the limit
- Some families are using temporary devices in the street to remind everyone of kids/speed
- What is the goal of this effort and do we have all the data to make decisions?
- See attached input from resident

Summary of toolbox options discussed with neighborhood (see presentation for details)

- Speed feedback signs
- Permanent speed humps

- Raised pedestrian crossings
- Raised crossing with median
- Intersection bulbouts
- Curb islands
- Diverter Islands with/out speed humps
- 4-way stop (if warrants are met)

Proposed options to discuss at the October 7, 2019 TSC meeting:

- Increased police enforcement
- Collect additional speed data when the speed hump is removed
- Collect stop sign compliance data
- Package a few options and new data for a November neighborhood meeting
- Packages should consider the corridor from Riverbend to Karval
- Consider keeping all way stops with new traffic calming tools increase compliance
- Consider a speed hump design that does not have such steep approach angles

Pitkin Avenue Neighborhood Meeting



Town of Superior – Neighborhood Traffic Calming Program
October 30, 2019

Tonight's Agenda

1. Introductions and review agenda (7:00 PM)
2. Background (7:05 PM)
3. September Meeting Summary (7:15 PM)
4. Fall 2019 Data Collection (7:30 PM)
5. Review Design Options (7:45 PM)
6. Next steps (8:25 PM)
7. Adjourn neighborhood meeting (8:30 PM)

2. Background



Superior Traffic Calming Program Overview



Town of Superior Neighborhood Traffic Calming Program (NTCP) Checklist: DRAFT June 3rd, 2019

Step 1: Project Initiation

Resident request: Complete NTCP application form with signatures of residents from 5 different households on affected street

Town initiated project: identified by staff.

Step 2: Data Collection

Traffic speed: Staff will collect traffic speed data. 85th percentile speed, 5 MPH over posted limit, will be noted.

Traffic volume: Staff will collect traffic volume data.

Accident history: Staff will review crash reports.

Amount of cut through traffic: Staff will review traffic volume data to determine cut through traffic levels.

Presence of school crossings: Staff will identify all school crossings in the area.

Presence of nearby pedestrian generators: Staff will identify all pedestrian trip generators in the area.

Number of affected households: Staff will identify households that could be impacted by speeding traffic and households that could experience changes from the proposed traffic calming tools.

Step 3: Eligibility Review

Review data: Transportation & Safety Committee reviews data and staff report.

Project eligible for design alternatives: If the Transportation Safety & Committee determines the project is eligible for traffic calming, it proceeds to step 4.

Affected Neighborhood: The Transportation & Safety Committee determines the affected neighborhood.

Step 4: Community Outreach

Neighborhood charrette: A neighborhood design charrette is conducted with Staff to provide a summary of the existing conditions data and evaluates how, where and when the traffic calming tools could be applied.

Identify design alternatives: Staff summarizes input from the neighborhood design charrette and prepares design alternatives utilizing the traffic calming tools.

Neighborhood input on design alternatives: Staff issues a survey on the proposed alternatives. The survey requires 50% of affected households to respond for the project to continue to step 5.

Step 5: TSC Final review

TSC final review: Transportation & Safety Committee reviews neighborhood design charrette input and survey results.

Project approved for Town Board consideration: If the Transportation Safety Committee determines the project has 65% approval (from survey responses) and is in the best interest of the Town, it will be recommended for Town Board review. If approved by the Town Board the project proceeds to construction.

Project not approved: If the Transportation & Safety Committee or Town Board do not approve the project it is not eligible for traffic mitigation for a period of two years.



NTCP Program Objectives Reminder

- Define the process and criteria for designing & implementing traffic-calming measures.
- Direct traffic-calming expenditures to projects identified as priorities.
- Foster a collaborative relationship between residents & staff in implementing traffic-calming measures.
- Encourage residents' involvement in maintaining the safety & livability of their neighborhoods.



Neighborhood Traffic Calming Tools

- Chicanes, Closures, Combination Devices Diagonal Diverters Medians, Mid-block Chokers, Neckdowns, Neighborhood Identification Islands, Pedestrian Refuge Islands, Permanent Speed Display Units, Raised Crosswalks, Raised Intersections, Speed Humps, Street Striping/Pavement Markings, Street Trees & Vegetation, Traffic Circles, Turn Prohibitions, Directed Police Patrols, Neighborhood Speed Campaign, "Please Slow Down" yard signs, and Radar Speed Trailer.

Speed and volume criteria

- Only collector and local streets eligible
- 5 MPH over posted speed (85th percentile speed study)
- Traffic volumes +500 per day

Pedestrian survival rates by speed



25 MPH



75% survival rate

2.5 killed



30 MPH



60% survival rate

4 killed



35 MPH



40% survival rate

6 killed

North of Riverbend (facing south)



34' curb to curb

North of Riverbend (facing north)



Temporary speed hump

Roggen Intersection (facing south)



3 way stop

Iliff Intersection (facing south)



Side control stop

North of Iliff Intersection (facing north)



34' curb to curb

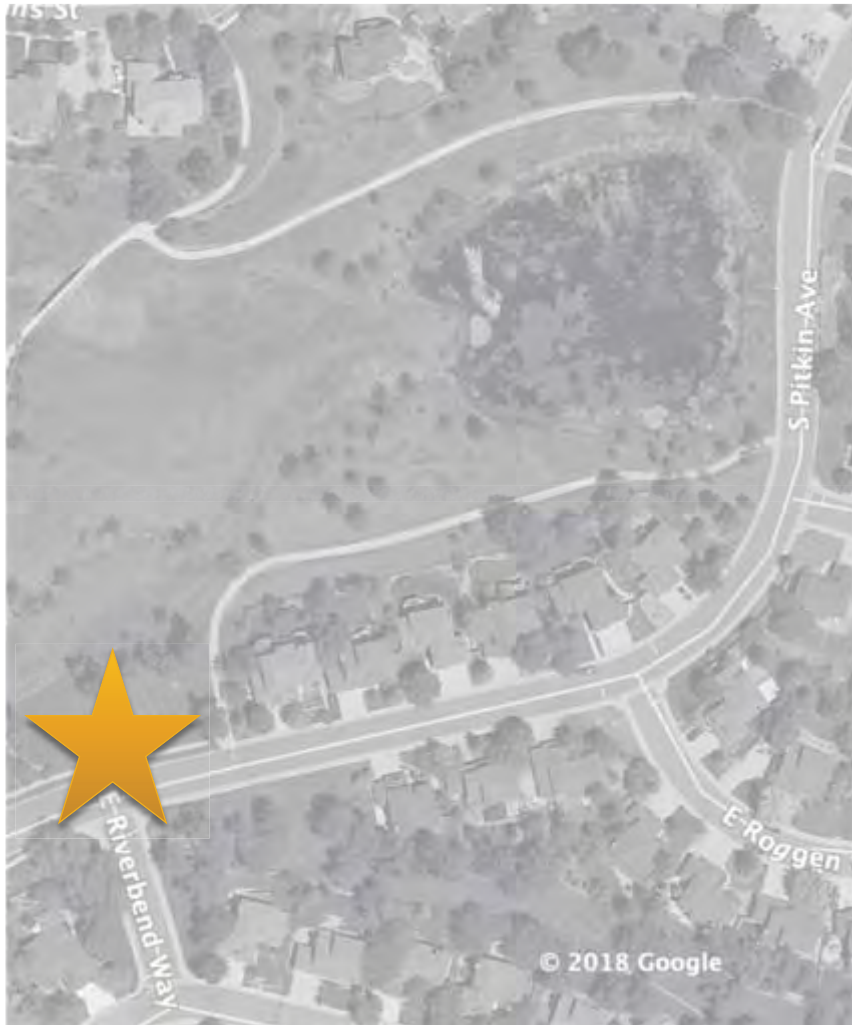
September 2018 design considerations



Temporary speed hump installed



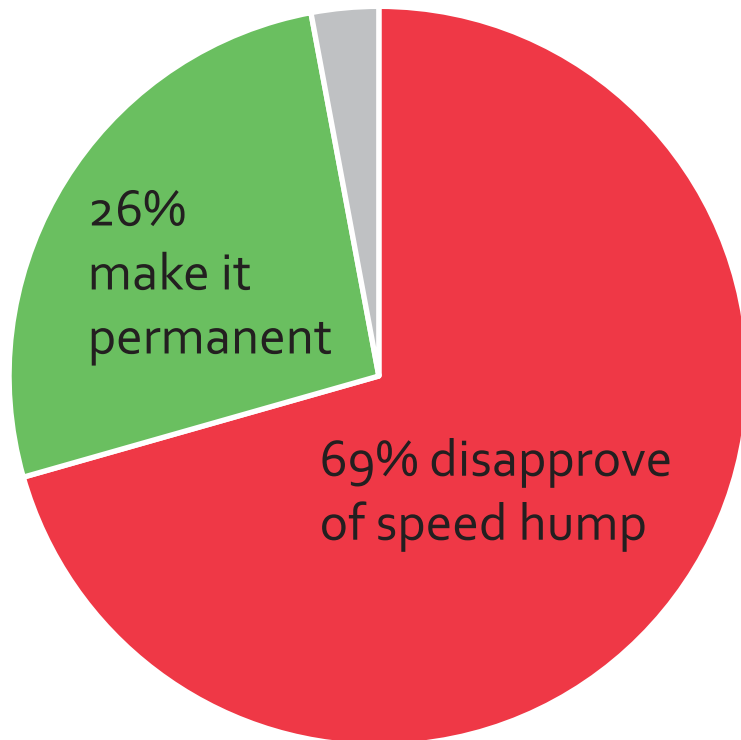
All way stop installed @ Riverbend



May 2019 Resident Created Survey

Results

- 35 responses
 - 24 disapproved of speed hump
 - 10 approved
 - 1 no opinion



Color code:
Red—Disapprove of the speed hump
Green—Approve of the speed hump
White and red—No opinion but stated they wished the speed hump to be removed
Yellow circles—Indicates the Town of Superior communicated with them about the speed hump

3. September Meeting Summary



Meeting Summary

- 19 residents total from Pitkin, Roggen and Karval
- Neighbors willing to find a balanced solution for everyone in neighborhood
- Perception that vehicles are going faster than the speed data
- Speed hump is slowing traffic but design is not working for all vehicles and all residents
- Stop sign compliance is low
- Would like to see more enforcement



4. Fall 2019 Data Collection



Pitkin Speed Comparison

85th percentile speeds

Legend

85th percentile directional speed over 24 hours



Posted speed limit



© 2018 Google

Note: Data collected on Tuesday October 16th and Wednesday October 17th, 2019 for 24 hours a day.

Pitkin Speed Comparison

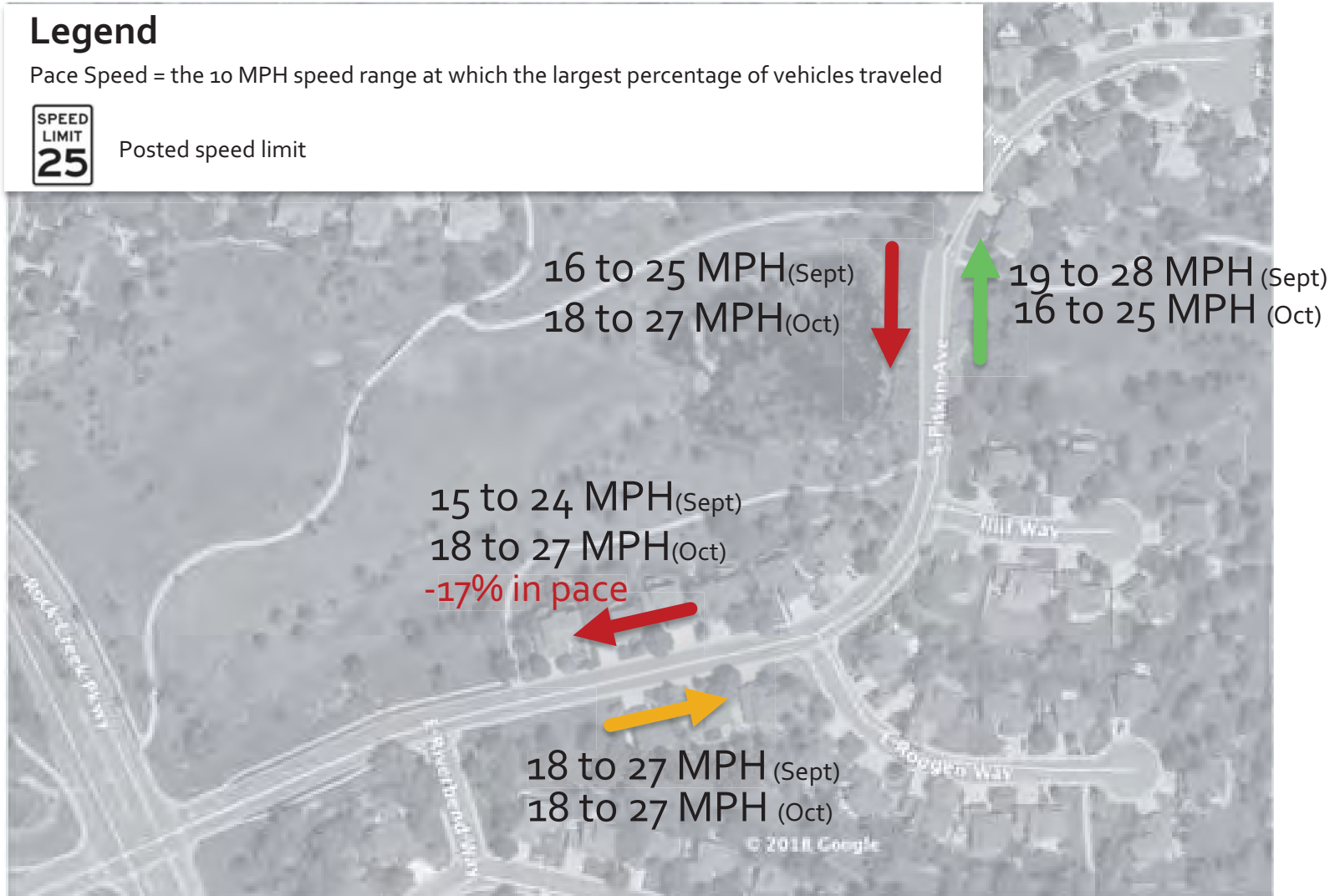
pace speeds

Legend

Pace Speed = the 10 MPH speed range at which the largest percentage of vehicles traveled



Posted speed limit



Note: Data collected on Tuesday October 16th and Wednesday October 17th, 2019 for 24 hours a day.

Pitkin Speed Comparison

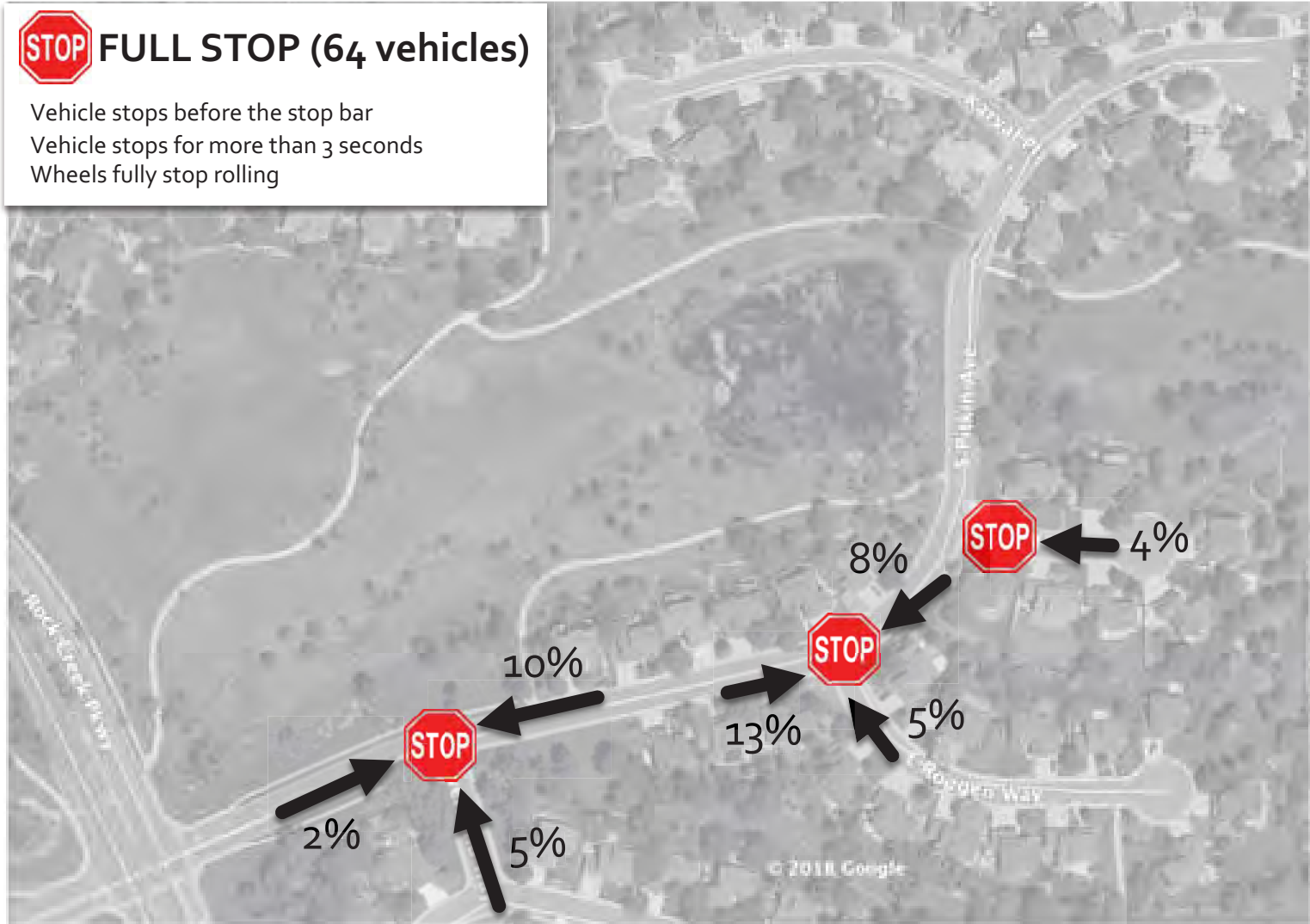
% speeds above 28 MPH



Note: Data collected on Tuesday October 16th and Wednesday October 17th, 2019 for 24 hours a day.

Stop Sign Compliance

Full Stops



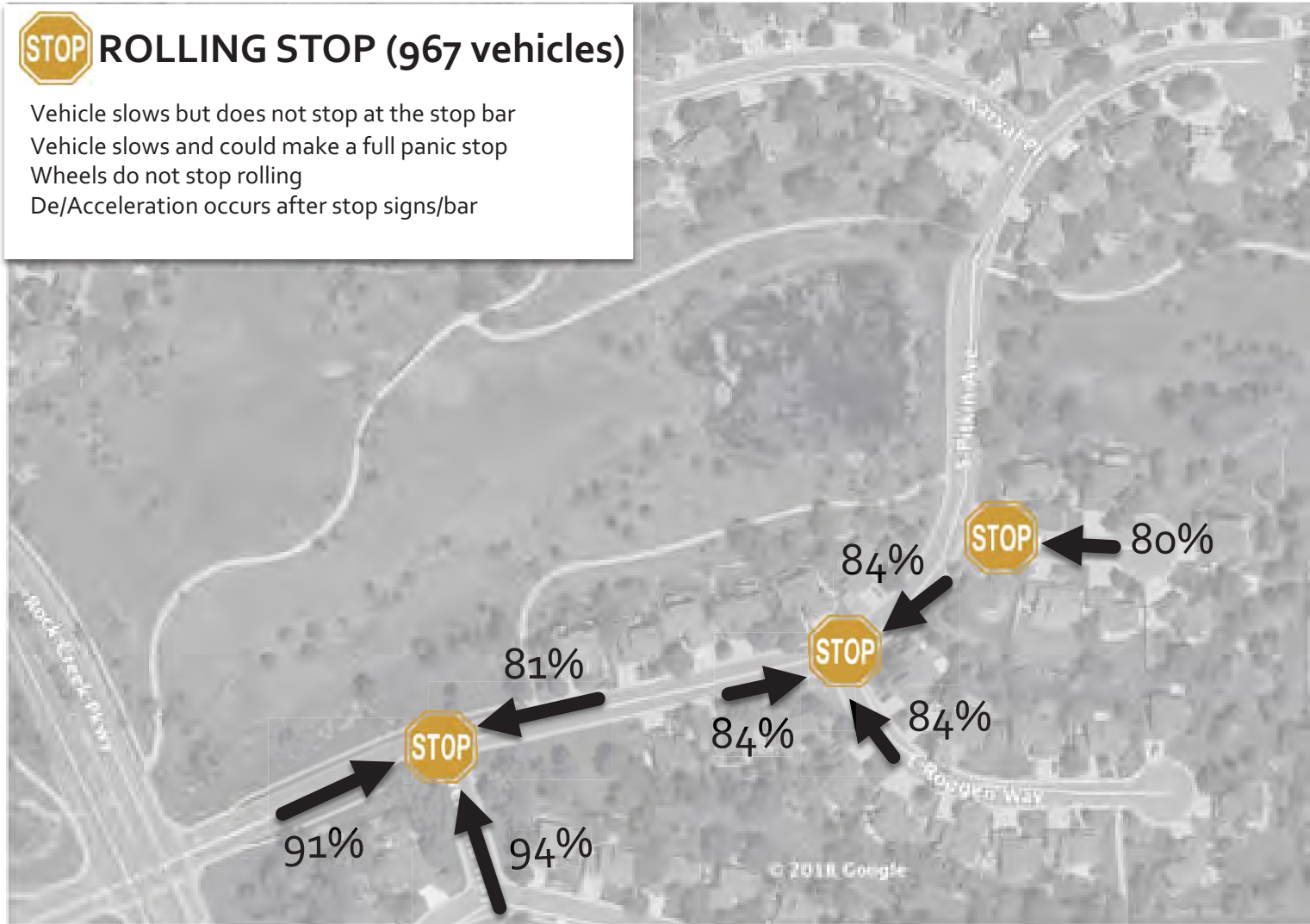
Note: Data collected on Tuesday October 1st 2019 from 7AM to 7PM.

Stop Sign Compliance

Full Stops

ROLLING STOP (967 vehicles)

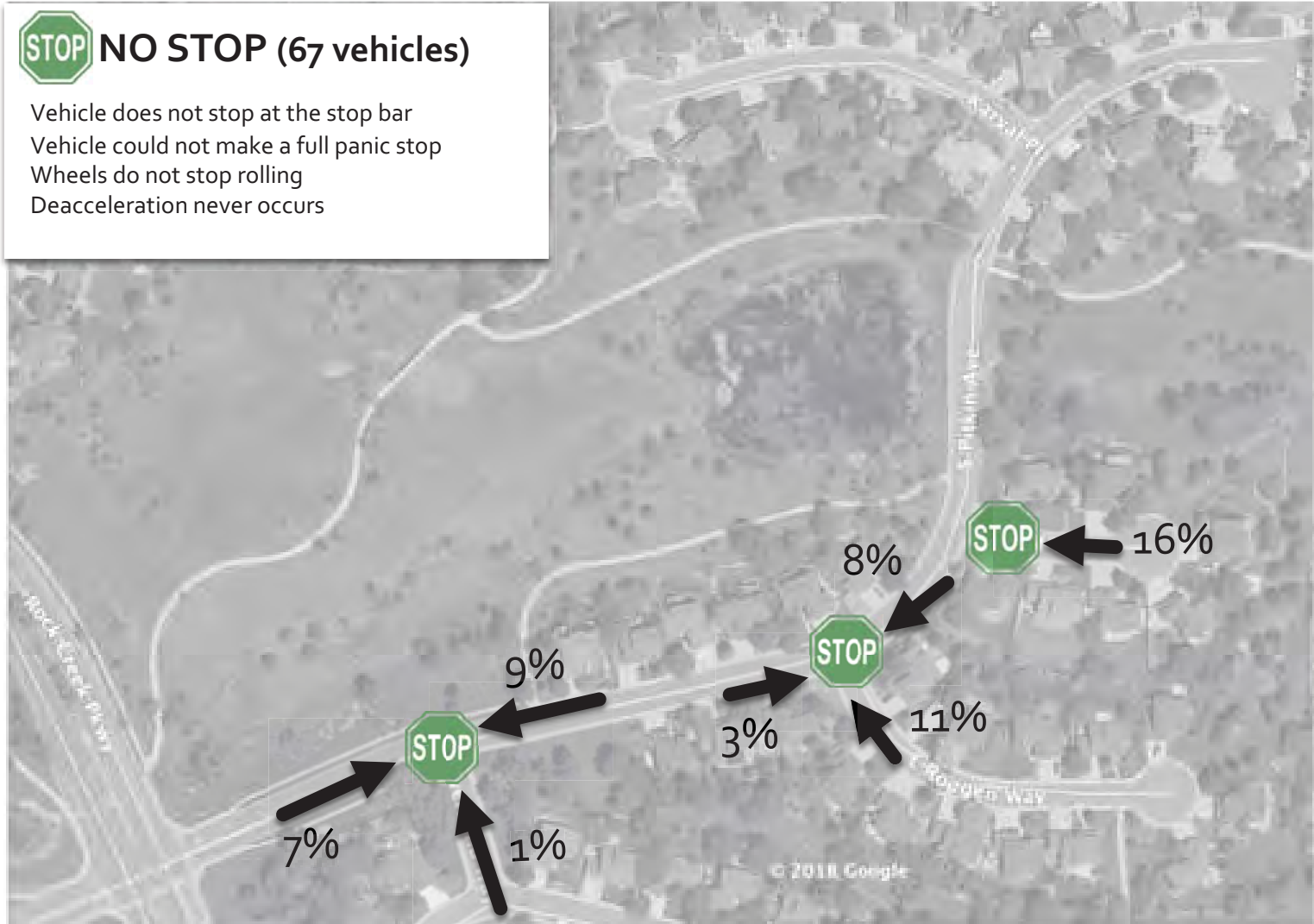
Vehicle slows but does not stop at the stop bar
Vehicle slows and could make a full panic stop
Wheels do not stop rolling
De/Acceleration occurs after stop signs/bar



Note: Data collected on Tuesday October 1st 2019 from 7AM to 7PM.

Stop Sign Compliance

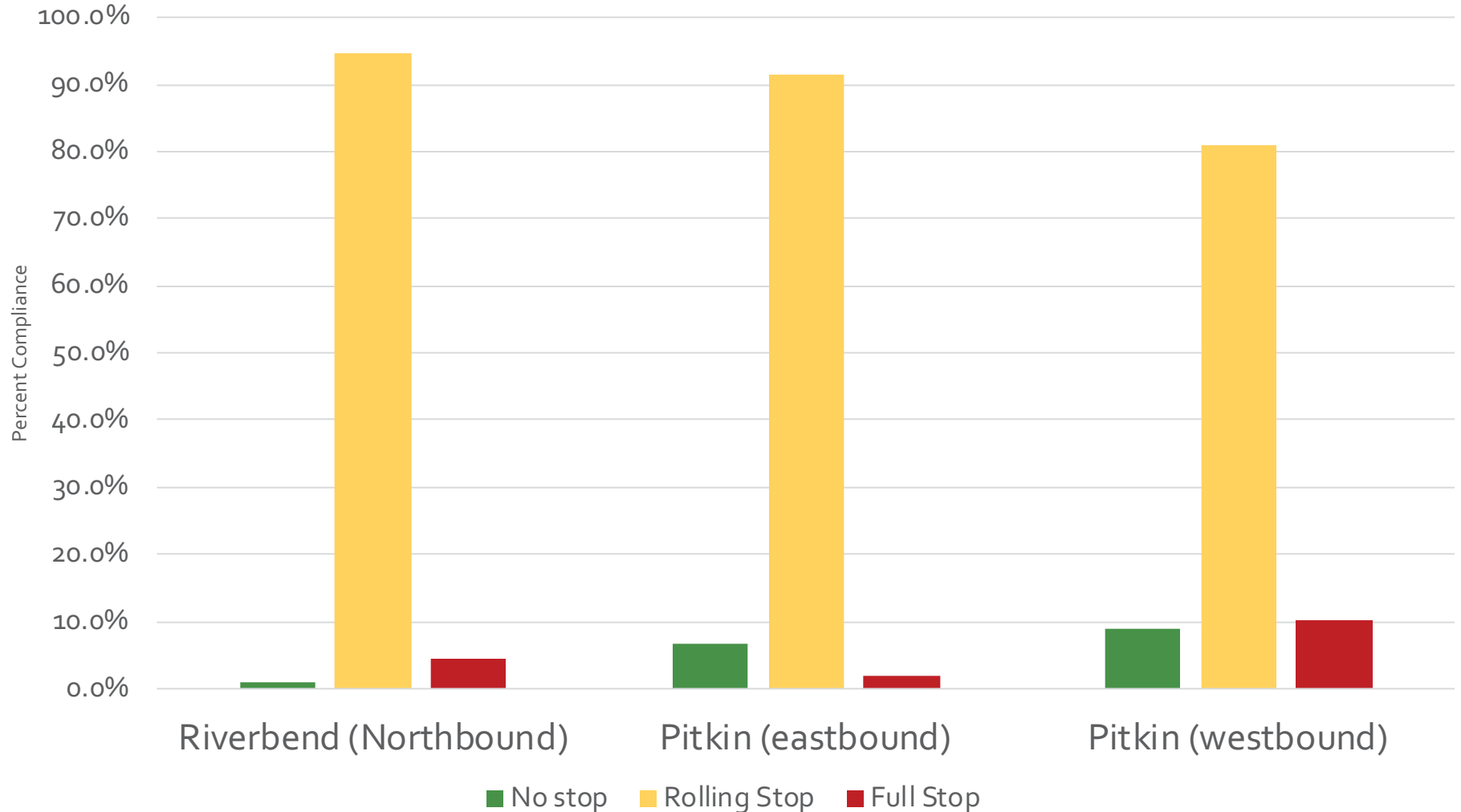
Full Stops



Note: Data collected on Tuesday October 1st 2019 from 7AM to 7PM.

Riverbend and Pitkin Intersection

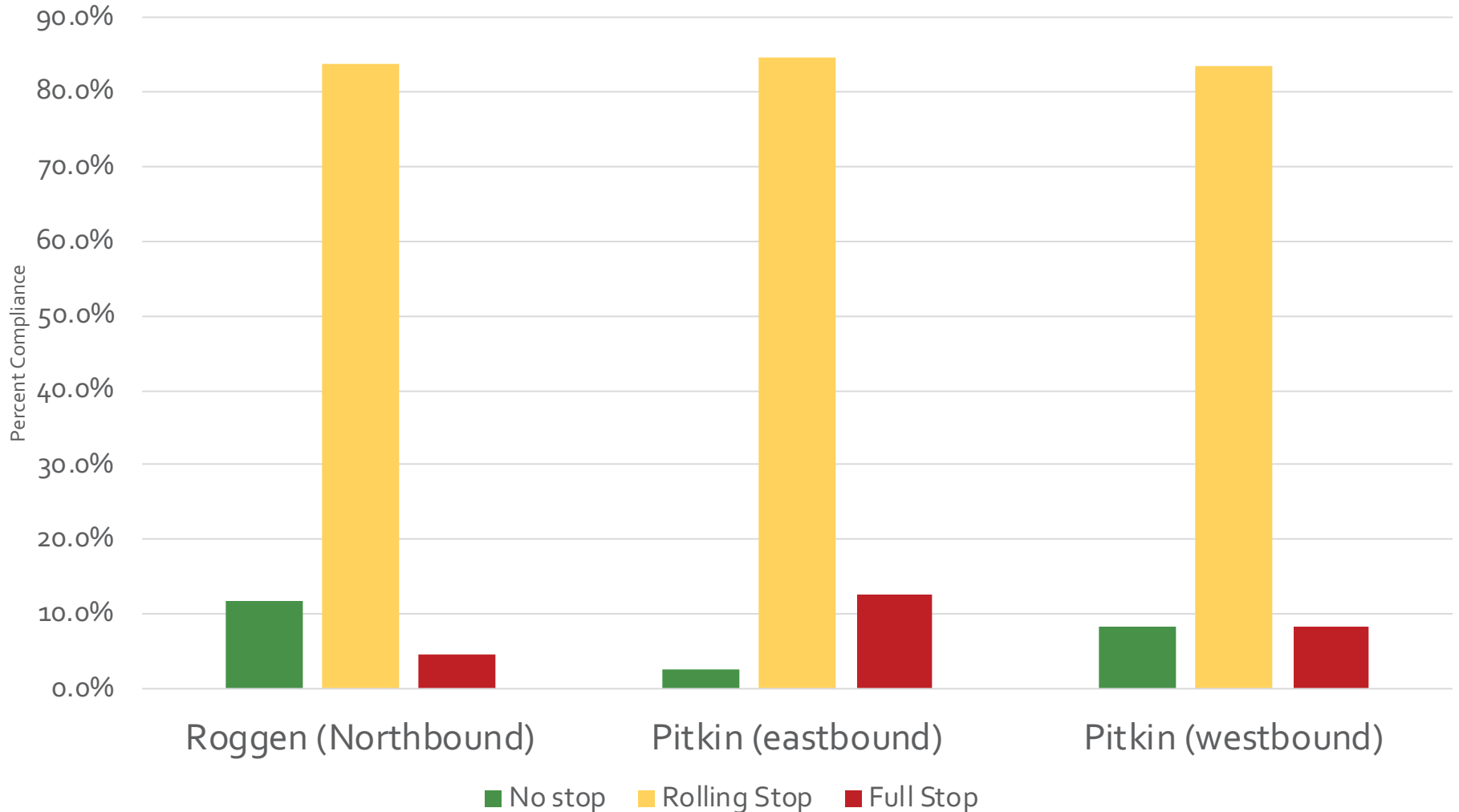
All-Way Stop Sign Compliance by Approach



Note: Data collected on Tuesday October 1st 2019 from 7AM to 7PM.

Roggen and Pitkin Intersection

All-Way Stop Sign Compliance by Approach



Note: Data collected on Tuesday October 1st 2019 from 7AM to 7PM.

5. Review Design Options



Alternative #1

Single entry island and dual speed humps



Figure 1
Pitkin Ave Traffic Calming - Vicinity Map - Alternative 1

DRAFT October 2019



Alternative #2

Dual entry islands and single speed hump



Figure 3
Pitkin Ave Traffic Calming - Vicinity Map - Alternative 2

DRAFT October 2019
1" = 100'



Alternative #3

Single entry island, raised crossing and speed hump



Figure 5
Pitkin Ave Traffic Calming - Vicinity Map - Alternative 3

DRAFT October 2019
1" = 100'



6. Next Steps



Next Steps

- Prepare engineering plans
- Prepare project cost estimates
- Present all information at the December TSC meeting





Meeting Summary

Pitkin Avenue Neighborhood Meeting
October 30, 2019
7:00-8:30 PM
BOARD ROOM, TOWN HALL

Agenda

1. Introductions and review agenda (7:00 PM)
2. Background (7:05 PM)
3. September Meeting Summary (7:15 PM)
4. Fall 2019 Data Collection (7:30 PM)
5. Review Design Options (7:45 PM)
6. Next steps (8:25 PM)
7. Adjourn neighborhood meeting (8:30 PM)

Staff Present

- Alex Ariniello, Public Works Director
- Carlos Hernandez, FTH
- Bill Fox, FTH

Neighborhood Present

- See attached sign in sheet
- 9 residents from Pitkin
- 3 residents from Karval
- 1 resident from Roggen
- 1 resident from Iliff

Input from neighborhood on Fall 2019 and prior data (see presentation for details)

Staff opened up the meeting to input on existing conditions data (before and after) and asked for experiential data from the neighborhood. A summary of the input is noted below:

- Resident suggested that speed control as an overall concept was a good idea

- The addition of the Roggen stop sign a few years ago has been helpful for residents who live at the intersection. It allows them to back out with more confidence
- Residents asked about historic crashes in the corridor. Alex did not recall any crashes in the historic database of Town-wide crashes. Residents have seen close calls over the years, but also could not recall seeing crashes Alex checked and no crashes were reported from 2011-2018
- A few residents voiced concerns about the configuration of the temporary speed hump and how it works with lower profile vehicles. Their concern was that it had a very aggressive approach and departure
- Residents asked to see more of the after data by hour and what times of day the speeds were the highest (this data was shared with the group at the end of the meeting)
- Residents wanted to know why this money was being spent if the 85th percentile speeds were not above the posted speed. Others voiced concerns that any speed about the limit is not safe for children in the neighborhood
- Residents voiced concerns about children playing in the street that should not be allowed and is dangerous
- Residents voiced concerns about tube counters in different locations before/after and what role that would have in design choices moving forward. After tubes might have been closer or near stop signs and show lower speeds (staff showed difference in tube placement was 120')
- Residents asked to see more data about the top 15% speed distribution (this data was shared with the group at the end of the meeting)
- Resident commented that the prior meeting provided good input on the perception vs. reality of the speed data.

Summary of design options discussed with neighborhood (see presentation for details)

- Some residents voiced support for the neighborhood entry signs
- Some residents could offer more support of Options 1,2 and 3 if they all included keeping the all-way stop at the Riverbend intersection (staff indicated the drawing mistake deleted the signs on Pitkin. The drawings will be updated for the December TSC meeting.)
- A proposal for 2 raised islands between the stop signs with 2 pedestrian crossing signs or raised intersection at the Roggen Intersection
- Resident would like to see all speed table features with gradual ramps (not like the temporary ones) and the use of raised crossings for pedestrians
- Residents supported Option #2 with
 - relocated northern island closer to the center of the lake
 - add crossings at the sidewalks on either end
 - add another raised crossing near the trails at both ends
- Some residents did not like any of the features for the possible 2 MPH difference in speed
- Any option that is selected should slow down vehicles between Riverbend and Roggen. Don't miss sight of the residents in the middle who are asking for traffic calming. Other residents questioned why those residents are concerned with speeds only a few MPH over the speed limit.

- Staff indicated more work would be done with Option 1 and 2 with all way stops at Riverbend and a speed hump feature between Roggen and Riverbend. The speed hump would have approaches that would slow traffic but work with low profile vehicles.
- Staff indicated that there was no voting for a specific option. All considerations on the options would be brought to the TSC in December.
- Overall feedback was differing opinion on need for features, but if they are there then raised ped crossings and lower profile speed humps would be reasonable (for most who were present, but not all).

Proposed options to discuss at the next TSC meeting:

- Staff will send out traffic data to those who requested the details
- Staff will develop a plan based on the comments received
- Staff will prepare preliminary cost estimates for this plan
- Staff will prepare a meeting summary to share with TSC

Pitkin Way west of Karval (August)

	Eastbound	Westbound
25-Aug	88	84
26-Aug	118	116
27-Aug	103	103
28-Aug	118	112
29-Aug	105	104
30-Aug	131	126
31-Aug	92	89
Directional Average	112	108
ADT Total Both Directions	220	
85th Percentile Speed	26 MPH	23 MPH
Top Speed	39 MPH	33 MPH
Number of vehicles over 25 MPH	294	100
% of vehicles over 25 MPH	39%	14%

ADT just includes Wednesday and Thursday for comparison to October

Pitkin Way west of Roggen (August)

	Eastbound	Westbound
25-Aug	204	199
26-Aug	228	224
27-Aug	224	221
28-Aug	254	247
29-Aug	237	227
30-Aug	289	284
31-Aug	188	191
Directional Average	246	237
ADT Total Both Directions	483	
85th Percentile Speed	24 MPH	22 MPH
Top Speed	36 MPH	33 MPH
Number of vehicles over 25 MPH	304	79
% of vehicles over 25 MPH	19%	5%

ADT just includes Wednesday and Thursday for comparison to October

Pitkin Way west of Karval (October)

	Eastbound	Westbound
16-Oct	109	115
17-Oct	105	107
Directional Average	107	111
ADT Total Both Directions	218	
85th Percentile Speed	24 MPH	24 MPH
Top Speed	39 MPH	36 MPH
Number of vehicles over 25 MPH	37	41
% of vehicles over 25 MPH	17%	18%

Pitkin Way west of Roggen (October)

	Eastbound	Westbound
16-Oct	307	269
17-Oct	320	272
Directional Average	314	271
ADT Total Both Directions	584	
85th Percentile Speed	25 MPH	25 MPH
Top Speed	40 MPH	36 MPH
Number of vehicles over 25 MPH	127	105
% of vehicles over 25 MPH	20%	19%



Total Surveyed: 2427

Print Chart

10 MPH Pace ?

Pace Range 9 to 18
 Number in Pace 1073
 Percent in Pace 44.21%

Location: Pitkin

Start: 7/16/2018 10:59:57 Zone: Residential
 Finish: 7/20/2018 06:11:19 Speed Limit: 25

Direction: N Weather:

Start @ 20

Increment by 2

Speed	1 - 19	20 - 21	22 - 23	24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 -
Volume	1293	176	150	165	186	164	139	87	48	12	5	2
% of Total	53.27%	7.25%	6.18%	6.79%	7.66%	6.75%	5.72%	3.58%	1.97%	0.49%	0.2%	0.08%

Speed Statistics Speed Limit 25

At/Under Limit	Over Limit	Average Speed	85th Percentile	Maximum Speed
1784	643	19.48	29	41
73.5%	26.49%		?	

Number Over Limit

Speed	25+	35+	45+	Total
Volume	624	19	0	643
% of Total	25.71%	0.78%	0%	26.49%

Pitkin NB n/o Roggen Way

Total Surveyed: 950

Print Chart

10 MPH Pace ?
 Pace Range 18 to 27
 Number in Pace 646
 Percent in Pace 68%

Location: N. Pitkin Iiff SB
 Start: 3/5/2019 16:19:50 Zone: Residential
 Finish: 3/12/2019 13:34:53 Speed Limit: 25
 Direction: S Weather:

Start @ 20

Increment by 2

Speed	1 - 19	20 - 21	22 - 23	24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 -
Volume	324	131	203	158	74	37	12	7	1	1	1	1
% of Total	34.1%	13.78%	21.36%	16.63%	7.78%	3.89%	1.26%	0.73%	0.1%	0.1%	0.1%	0.1%

Speed Statistics Speed Limit: 25

At/Under Limit	Over Limit	Average Speed	85th Percentile	Maximum Speed
816	134	20.03	25	41
85.89%	14.1%			

Number Over Limit

Speed	25+	35+	45+	Total
Volume	131	3	0	134
% of Total	13.78%	0.31%	0%	14.1%

N. Pitkin and Iiff SB. Deployed on w side of roadway

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/25/19	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4	25	26
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	29	29
05:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
06:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
07:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
08:00	1	0	0	0	0	1	0	5	1	0	0	0	0	0	8	23	25
09:00	0	0	0	0	0	2	4	5	4	1	0	0	0	0	16	25	27
10:00	2	0	0	0	0	1	4	5	5	3	1	0	0	0	21	27	29
11:00	0	0	0	0	1	1	8	12	11	4	0	0	0	0	37	26	28
12 PM	0	0	0	0	0	2	6	17	8	1	0	0	0	0	34	25	26
13:00	0	0	0	0	1	1	6	19	10	5	1	0	0	0	43	26	29
14:00	0	0	0	1	1	3	4	7	7	1	0	0	0	0	24	25	26
15:00	0	0	0	0	0	2	7	10	9	2	0	0	0	0	30	26	27
16:00	1	0	0	0	0	2	3	15	11	3	0	0	0	0	35	26	28
17:00	0	0	0	0	1	1	5	17	7	3	0	0	0	0	34	26	28
18:00	0	0	0	1	0	1	3	8	5	0	0	0	0	0	18	25	26
19:00	0	0	0	0	0	2	10	9	6	0	1	0	0	0	28	25	26
20:00	1	0	0	0	0	2	3	6	9	1	1	0	0	0	23	26	29
21:00	0	0	0	0	0	0	3	3	5	0	0	0	0	0	11	26	26
22:00	0	0	0	0	0	0	3	1	3	1	0	0	0	0	8	26	28
23:00	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4	25	26
Total	5	0	0	2	4	23	73	144	104	26	4	0	0	0	385		
Percent	1.3%	0.0%	0.0%	0.5%	1.0%	6.0%	19.0%	37.4%	27.0%	6.8%	1.0%	0.0%	0.0%	0.0%			
AM Peak	10:00				11:00	09:00	11:00	11:00	11:00	11:00	10:00				11:00		
Vol.	2				1	2	8	12	11	4	1				37		
PM Peak	16:00			14:00	13:00	14:00	19:00	13:00	16:00	13:00	13:00				13:00		
Vol.	1			1	1	3	10	19	11	5	1				43		

COUNTER MEASURES INC.
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DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/26/19	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
07:00	1	0	0	0	0	0	0	4	2	0	0	0	0	0	7	25	26
08:00	1	0	0	0	1	3	5	8	3	0	1	0	0	0	22	24	26
09:00	0	0	0	0	0	0	2	6	4	2	0	0	0	0	14	26	28
10:00	0	0	0	0	0	1	7	9	6	1	0	0	0	0	24	25	26
11:00	0	0	0	1	0	0	5	9	5	1	1	0	0	0	22	26	29
12 PM	0	0	0	0	0	0	3	8	6	1	0	0	0	0	18	26	27
13:00	0	0	0	3	1	2	9	8	5	1	0	0	0	0	29	24	26
14:00	3	0	0	1	3	8	8	8	3	2	0	0	0	0	36	23	27
15:00	1	0	0	0	1	8	13	4	3	0	0	0	0	0	30	22	25
16:00	9	0	1	3	1	8	13	17	11	0	0	0	0	0	63	24	26
17:00	0	0	0	0	1	2	11	20	12	5	1	0	0	0	52	26	29
18:00	0	0	0	0	1	1	13	20	17	2	0	0	0	0	54	25	26
19:00	0	0	0	0	0	1	7	12	11	0	0	0	0	0	31	25	26
20:00	0	0	1	0	0	1	10	9	9	0	0	0	0	0	30	25	26
21:00	0	0	0	0	0	2	1	3	5	0	0	0	0	0	11	26	26
22:00	0	0	0	0	0	0	1	3	1	0	0	0	0	0	5	24	26
23:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
Total	15	0	2	8	9	38	110	149	103	16	3	0	0	0	453		
Percent	3.3%	0.0%	0.4%	1.8%	2.0%	8.4%	24.3%	32.9%	22.7%	3.5%	0.7%	0.0%	0.0%	0.0%			
AM Peak	07:00			11:00	08:00	08:00	10:00	10:00	10:00	09:00	08:00				10:00		
Vol.	1			1	1	3	7	9	6	2	1				24		
PM Peak	16:00		16:00	13:00	14:00	14:00	15:00	17:00	18:00	17:00	17:00				16:00		
Vol.	9		1	3	3	8	13	20	17	5	1				63		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

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	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/27/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	26	26
07:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
08:00	0	0	0	0	0	3	2	16	5	3	0	0	0	0	29	26	28
09:00	0	0	0	0	0	0	2	4	4	0	0	0	0	0	10	25	26
10:00	0	0	0	0	1	1	3	11	7	2	0	0	0	0	25	26	28
11:00	0	0	0	0	0	2	6	9	2	6	0	0	0	0	25	28	29
12 PM	0	0	0	0	0	2	7	12	7	4	1	0	0	0	33	27	29
13:00	0	0	0	0	1	0	5	14	7	3	0	0	0	0	30	26	28
14:00	0	0	0	0	0	1	7	11	5	6	0	0	0	0	30	27	29
15:00	0	0	0	0	1	1	6	8	4	1	0	0	0	0	21	25	26
16:00	2	0	0	0	1	3	9	17	10	3	0	0	0	0	45	25	27
17:00	0	0	0	0	2	3	7	24	22	1	0	0	0	0	59	25	26
18:00	1	0	0	0	0	3	10	24	17	3	0	0	0	0	58	25	27
19:00	0	0	0	0	0	1	6	12	8	2	0	0	0	0	29	26	27
20:00	0	0	0	0	0	3	10	13	6	2	0	0	0	0	34	25	27
21:00	0	0	0	0	0	1	1	8	5	1	0	0	0	0	16	26	27
22:00	0	0	0	0	0	0	3	3	1	0	0	0	0	0	7	23	25
23:00	0	0	0	0	0	0	2	1	0	2	0	0	0	0	5	28	29
Total	3	0	0	0	6	25	87	192	112	39	1	0	0	0	465		
Percent	0.6%	0.0%	0.0%	0.0%	1.3%	5.4%	18.7%	41.3%	24.1%	8.4%	0.2%	0.0%	0.0%	0.0%			
AM Peak					10:00	08:00	11:00	08:00	10:00	11:00							08:00
Vol.					1	3	6	16	7	6							29
PM Peak	16:00				17:00	16:00	18:00	17:00	17:00	14:00	12:00						17:00
Vol.	2				2	3	10	24	22	6	1						59

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1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

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08/28/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	29	29
06:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
07:00	0	0	0	0	1	0	5	0	2	1	0	0	0	0	9	26	28
08:00	0	0	0	0	0	2	3	8	8	2	0	0	0	0	23	26	28
09:00	0	0	0	0	0	1	7	4	2	1	0	0	0	0	15	25	27
10:00	0	0	0	0	0	2	4	6	2	2	0	0	0	0	16	26	28
11:00	0	0	0	0	1	2	7	9	7	0	0	0	0	0	26	25	26
12 PM	1	0	0	0	0	1	3	10	9	2	0	0	0	0	26	26	28
13:00	1	0	0	0	0	1	8	8	6	2	0	0	0	0	26	26	28
14:00	0	0	0	0	0	1	5	15	9	1	1	0	0	0	32	26	28
15:00	0	0	0	1	0	0	4	21	9	1	0	0	0	0	36	25	26
16:00	0	0	0	0	0	2	8	16	18	6	0	0	0	0	50	26	28
17:00	1	0	0	0	0	0	14	19	15	2	1	0	0	0	52	26	27
18:00	2	0	0	0	0	1	1	29	19	4	0	0	0	0	56	26	27
19:00	0	0	0	0	0	1	9	14	5	3	0	0	0	0	32	25	28
20:00	1	0	0	0	0	2	12	13	12	0	0	0	0	0	40	25	26
21:00	0	0	0	0	0	0	8	9	3	1	0	0	0	0	21	24	26
22:00	0	0	0	0	0	0	2	4	5	0	0	0	0	0	11	26	26
23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
Total	6	0	0	1	2	16	102	186	132	29	2	0	0	0	476		
Percent	1.3%	0.0%	0.0%	0.2%	0.4%	3.4%	21.4%	39.1%	27.7%	6.1%	0.4%	0.0%	0.0%	0.0%			
AM Peak					07:00	08:00	09:00	11:00	08:00	08:00					11:00		
Vol.					1	2	7	9	8	2					26		
PM Peak	18:00			15:00		16:00	17:00	18:00	18:00	16:00	14:00				18:00		
Vol.	2			1		2	14	29	19	6	1				56		

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 Station ID: 192411

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/29/19	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	26	26
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
06:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	26	26
07:00	1	0	0	0	0	1	1	3	4	0	0	0	0	0	10	25	26
08:00	0	0	0	0	0	2	11	9	6	5	1	0	0	0	34	27	29
09:00	1	0	0	0	0	0	4	4	6	4	0	0	0	0	19	27	29
10:00	0	0	0	0	1	1	4	7	3	1	0	0	0	0	17	25	27
11:00	0	0	0	0	0	1	3	13	5	1	0	0	0	0	23	25	26
12 PM	0	0	0	1	0	2	5	7	6	1	0	0	0	0	22	25	26
13:00	0	0	0	0	1	3	6	13	15	3	0	1	0	0	42	26	28
14:00	2	0	0	0	0	1	8	16	5	2	1	0	0	0	35	25	28
15:00	1	0	0	0	0	3	8	12	13	4	0	0	0	0	41	26	28
16:00	0	0	0	0	0	2	7	12	10	1	1	0	0	0	33	26	28
17:00	0	0	0	0	0	2	13	17	20	1	0	0	0	0	53	25	26
18:00	1	0	0	0	1	3	12	17	8	5	0	0	0	0	47	26	28
19:00	1	0	0	0	0	2	10	16	14	2	0	0	0	0	45	25	26
20:00	0	0	0	0	0	2	8	10	4	0	0	0	0	0	24	24	26
21:00	0	0	0	0	0	1	5	7	7	0	0	0	0	0	20	25	26
22:00	0	0	0	0	0	0	0	4	7	1	1	0	0	0	13	27	31
23:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
Total	7	0	0	1	3	26	107	170	137	31	4	1	0	0	487		
Percent	1.4%	0.0%	0.0%	0.2%	0.6%	5.3%	22.0%	34.9%	28.1%	6.4%	0.8%	0.2%	0.0%	0.0%			
AM Peak	07:00				10:00	08:00	08:00	11:00	08:00	08:00	08:00				08:00		
Vol.	1				1	2	11	13	6	5	1				34		
PM Peak	14:00			12:00	13:00	13:00	17:00	17:00	17:00	18:00	14:00	13:00			17:00		
Vol.	2			1	1	3	13	17	20	5	1	1			53		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/30/19	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	23	23
01:00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3	26	26
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	29	29
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
07:00	0	0	0	0	0	0	1	5	1	2	0	0	0	0	9	27	29
08:00	0	0	0	0	1	1	7	14	10	1	1	0	0	0	35	26	27
09:00	0	0	0	0	0	0	10	3	6	2	0	0	0	0	21	26	28
10:00	0	0	0	0	0	0	2	11	3	1	0	0	0	0	17	25	27
11:00	0	0	0	0	0	0	4	8	8	3	1	0	0	0	24	27	29
12 PM	2	0	0	0	0	0	3	9	7	3	0	0	0	0	24	26	28
13:00	0	0	0	0	0	3	6	17	7	2	2	0	0	0	37	26	30
14:00	0	0	0	0	0	1	8	19	10	7	0	0	0	0	45	27	29
15:00	1	0	0	0	0	2	8	17	16	2	2	0	0	0	48	26	29
16:00	1	0	0	0	0	0	7	19	8	7	1	0	0	0	43	27	29
17:00	1	0	0	0	0	3	11	23	10	4	0	0	0	0	52	25	28
18:00	0	0	0	0	0	1	9	16	12	5	0	0	0	0	43	26	28
19:00	0	0	0	0	0	0	7	21	14	4	1	0	0	0	47	26	28
20:00	0	0	0	1	0	1	1	12	6	0	0	0	0	0	21	25	26
21:00	0	0	0	0	1	2	3	11	2	1	0	0	0	0	20	24	27
22:00	1	0	0	0	0	1	2	4	1	0	1	0	0	0	10	25	31
23:00	0	0	0	0	0	0	1	4	0	0	0	0	0	0	5	23	23
Total	6	0	0	1	2	16	90	218	123	45	9	0	0	0	510		
Percent	1.2%	0.0%	0.0%	0.2%	0.4%	3.1%	17.6%	42.7%	24.1%	8.8%	1.8%	0.0%	0.0%	0.0%			
AM Peak					08:00	06:00	09:00	08:00	08:00	11:00	08:00				08:00		
Vol.					1	1	10	14	10	3	1				35		
PM Peak	12:00			20:00	21:00	13:00	17:00	17:00	15:00	14:00	13:00				17:00		
Vol.	2			1	1	3	11	23	16	7	2				52		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/31/19	0	0	0	0	0	0	2	3	1	1	0	0	0	0	7	26	28
01:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	29	29
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	0	1	1	0	0	0	0	0	3	25	26
06:00	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3	28	29
07:00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3	26	26
08:00	1	0	0	0	0	0	0	0	5	1	0	0	0	0	7	26	28
09:00	0	0	0	0	0	2	4	2	6	1	0	0	0	0	15	26	27
10:00	0	0	0	0	0	3	9	9	6	0	0	0	0	0	27	24	26
11:00	0	0	0	0	0	1	5	11	6	1	0	0	0	0	24	25	26
12 PM	1	0	0	0	0	0	9	5	9	1	0	0	0	0	25	26	26
13:00	0	0	0	0	0	0	5	3	6	1	0	0	0	0	15	26	27
14:00	0	0	0	0	0	0	4	12	6	3	0	0	0	0	25	26	28
15:00	0	0	0	0	0	0	6	12	8	1	0	0	0	0	27	25	26
16:00	0	0	0	0	0	0	5	14	4	1	0	0	0	0	24	25	26
17:00	1	0	0	0	0	1	6	10	12	2	0	0	0	0	32	26	27
18:00	0	0	0	0	0	0	6	11	5	0	0	0	0	0	22	25	26
19:00	0	0	0	0	1	0	5	5	5	2	0	0	0	0	18	26	28
20:00	0	0	0	0	0	2	8	15	6	2	0	0	0	0	33	25	27
21:00	1	0	0	0	0	0	6	8	2	1	0	0	0	0	18	24	27
22:00	0	0	0	0	0	1	0	3	2	1	0	0	0	0	7	26	28
23:00	0	0	0	0	0	0	1	4	0	2	0	1	0	0	8	29	34
Total	4	0	0	0	1	11	81	131	93	23	0	1	0	0	345		
Percent	1.2%	0.0%	0.0%	0.0%	0.3%	3.2%	23.5%	38.0%	27.0%	6.7%	0.0%	0.3%	0.0%	0.0%			
AM Peak	08:00					10:00	10:00	11:00	09:00	00:00					10:00		
Vol.	1					3	9	11	6	1					27		
PM Peak	12:00				19:00	20:00	12:00	20:00	17:00	14:00		23:00			20:00		
Vol.	1				1	2	9	15	12	3		1			33		
Grand Total	46	0	2	13	27	155	650	1190	804	209	23	2	0	0	3121		
Percent	1.5%	0.0%	0.1%	0.4%	0.9%	5.0%	20.8%	38.1%	25.8%	6.7%	0.7%	0.1%	0.0%	0.0%			

15th Percentile : 19 MPH
 50th Percentile : 22 MPH
 85th Percentile : 26 MPH
 95th Percentile : 28 MPH

Statistics
 10 MPH Pace Speed : 19-28 MPH
 Number in Pace : 2714
 Percent in Pace : 87.0%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 23 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/25/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
03:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
06:00	0	0	0	0	0	2	1	2	2	0	0	0	0	0	7	25	26
07:00	0	0	0	0	0	0	4	3	2	1	0	0	0	0	10	26	28
08:00	1	0	0	0	0	6	6	7	1	0	0	0	0	0	21	23	23
09:00	0	0	0	0	0	4	14	16	9	0	0	0	0	0	43	24	26
10:00	0	0	0	0	0	1	10	20	6	3	0	0	0	0	40	25	28
11:00	4	0	0	0	0	4	9	17	2	0	0	0	0	0	36	23	24
12 PM	3	0	0	0	0	4	11	16	9	1	0	0	0	0	44	25	26
13:00	2	0	0	0	0	2	14	17	4	0	0	0	0	0	39	23	25
14:00	0	0	0	0	1	2	6	6	6	2	0	0	0	0	23	26	28
15:00	0	0	0	0	1	6	13	10	6	1	0	0	0	0	37	24	26
16:00	2	0	0	0	0	2	4	14	3	1	0	0	0	0	26	24	26
17:00	1	0	0	0	0	1	12	16	5	0	0	1	0	0	36	24	26
18:00	0	0	0	0	0	1	4	10	2	0	0	0	0	0	17	23	25
19:00	0	0	0	0	0	1	3	8	1	0	0	0	0	0	13	23	25
20:00	0	0	0	0	1	4	5	7	3	0	1	0	0	0	21	24	26
21:00	0	0	0	0	1	2	3	0	0	0	0	0	0	0	6	20	20
22:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
Total	13	0	0	0	4	44	121	172	61	9	1	1	0	0	426		
Percent	3.1%	0.0%	0.0%	0.0%	0.9%	10.3%	28.4%	40.4%	14.3%	2.1%	0.2%	0.2%	0.0%	0.0%			
AM Peak	11:00					08:00	09:00	10:00	09:00	10:00					09:00		
Vol.	4					6	14	20	9	3					43		
PM Peak	12:00				14:00	15:00	13:00	13:00	12:00	14:00	20:00	17:00			12:00		
Vol.	3				1	6	14	17	9	2	1	1			44		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/26/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
05:00	1	0	0	0	0	0	1	4	2	0	0	0	0	0	8	25	26
06:00	0	0	0	0	0	3	8	6	2	1	0	0	0	0	20	24	27
07:00	2	0	0	0	0	4	22	24	4	3	0	0	0	0	59	23	27
08:00	1	0	0	0	0	5	21	28	9	0	0	0	0	0	64	23	25
09:00	1	0	0	0	0	5	10	13	5	0	0	0	0	0	34	23	25
10:00	2	0	0	0	2	3	13	11	4	0	1	0	0	0	36	23	26
11:00	0	0	1	0	0	2	5	10	2	0	0	0	0	0	20	23	25
12 PM	0	0	0	0	0	1	10	9	3	1	0	0	0	0	24	24	26
13:00	4	0	0	1	1	1	12	6	6	2	0	0	0	0	33	25	27
14:00	1	0	0	0	1	3	10	10	4	0	0	0	0	0	29	23	25
15:00	4	0	0	0	2	7	15	15	5	1	0	0	0	0	49	23	26
16:00	7	0	0	0	4	3	10	13	4	2	1	0	0	0	44	24	28
17:00	0	0	0	1	0	1	12	9	7	0	0	0	0	0	30	25	26
18:00	0	0	0	1	0	2	12	16	5	0	0	0	0	0	36	23	25
19:00	0	0	0	0	0	2	6	4	0	1	0	0	0	0	13	23	28
20:00	0	0	0	0	1	5	2	4	3	1	0	0	0	0	16	25	27
21:00	1	0	0	0	0	0	2	2	1	0	0	0	0	0	6	24	26
22:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3	23	23
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
Total	24	0	1	3	12	47	174	186	66	12	2	0	0	0	527		
Percent	4.6%	0.0%	0.2%	0.6%	2.3%	8.9%	33.0%	35.3%	12.5%	2.3%	0.4%	0.0%	0.0%	0.0%			
AM Peak	07:00		11:00		10:00	08:00	07:00	08:00	08:00	07:00	10:00				08:00		
Vol.	2		1		2	5	22	28	9	3	1				64		
PM Peak	16:00			13:00	16:00	15:00	15:00	18:00	17:00	13:00	16:00				15:00		
Vol.	7			1	4	7	15	16	7	2	1				49		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/27/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
05:00	0	0	0	0	1	0	1	4	2	0	0	0	0	0	8	25	26
06:00	1	0	0	0	0	0	9	1	2	1	0	0	0	0	14	25	27
07:00	1	0	0	0	0	3	23	21	9	1	0	0	0	0	58	24	26
08:00	2	0	0	0	1	3	24	23	6	3	0	0	0	0	62	23	26
09:00	0	0	0	0	0	1	14	9	4	1	1	0	0	0	30	25	28
10:00	1	0	0	0	2	6	11	12	4	0	0	0	0	0	36	23	25
11:00	0	0	0	0	0	2	15	13	5	0	0	0	0	0	35	23	25
12 PM	1	0	0	0	1	4	6	17	6	1	0	0	0	0	36	24	26
13:00	1	0	1	1	1	2	11	17	3	0	0	0	0	0	37	23	25
14:00	0	0	0	0	1	2	6	6	4	1	0	0	0	0	20	25	27
15:00	0	0	0	0	1	4	12	10	4	2	2	0	0	0	35	26	30
16:00	0	0	0	0	1	1	9	11	8	0	0	0	0	0	30	25	26
17:00	1	0	0	1	0	3	12	11	9	0	0	0	0	0	37	25	26
18:00	1	0	0	0	1	3	10	11	7	1	0	0	0	0	34	25	26
19:00	2	0	0	0	1	2	4	10	1	0	0	0	0	0	20	23	24
20:00	1	0	0	0	0	2	9	2	0	0	0	0	0	0	14	20	22
21:00	0	0	0	0	0	2	2	0	0	0	0	0	0	0	4	20	20
22:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	29	29
23:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
Total	12	0	1	2	11	40	182	179	74	12	3	0	0	0	516		
Percent	2.3%	0.0%	0.2%	0.4%	2.1%	7.8%	35.3%	34.7%	14.3%	2.3%	0.6%	0.0%	0.0%	0.0%			
AM Peak	08:00				10:00	10:00	08:00	08:00	07:00	08:00	09:00				08:00		
Vol.	2				2	6	24	23	9	3	1				62		
PM Peak	19:00		13:00	13:00	12:00	12:00	15:00	12:00	17:00	15:00	15:00				13:00		
Vol.	2		1	1	1	4	12	17	9	2	2				37		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/28/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	5	1	1	0	0	0	0	0	8	23	25
06:00	2	0	0	0	1	0	11	6	1	1	0	0	0	0	22	23	26
07:00	2	0	0	0	1	1	15	19	6	0	0	0	0	0	44	23	25
08:00	2	0	0	0	1	4	26	42	9	1	0	0	0	0	85	23	25
09:00	2	0	0	0	1	7	16	19	3	1	0	0	0	0	49	23	25
10:00	0	0	0	0	0	3	8	11	1	0	0	0	0	0	23	23	23
11:00	1	0	0	0	0	4	12	8	5	2	0	0	0	0	32	25	27
12 PM	1	0	0	0	0	4	6	7	5	1	1	0	0	0	25	25	29
13:00	0	0	0	0	0	2	8	6	10	0	0	0	0	0	26	25	26
14:00	0	0	0	0	1	2	7	12	8	0	0	0	0	0	30	25	26
15:00	2	0	0	0	1	0	12	13	5	0	0	0	0	0	33	24	26
16:00	1	0	0	0	1	3	8	18	6	3	0	0	0	0	40	25	28
17:00	2	0	0	0	0	1	6	16	6	2	0	0	0	0	33	25	27
18:00	3	0	0	0	1	4	8	18	8	0	0	0	0	0	42	24	26
19:00	1	0	0	0	1	3	14	7	5	0	0	0	0	0	31	24	26
20:00	3	0	0	0	0	1	5	5	2	0	0	0	0	0	16	23	25
21:00	0	0	0	0	0	0	2	5	0	0	0	0	0	0	7	23	23
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	17	17
Total	22	0	0	0	9	42	169	213	81	11	1	0	0	0	548		
Percent	4.0%	0.0%	0.0%	0.0%	1.6%	7.7%	30.8%	38.9%	14.8%	2.0%	0.2%	0.0%	0.0%	0.0%			
AM Peak	06:00				06:00	09:00	08:00	08:00	08:00	11:00					08:00		
Vol.	2				1	7	26	42	9	2					85		
PM Peak	18:00				14:00	12:00	19:00	16:00	13:00	16:00	12:00				18:00		
Vol.	3				1	4	14	18	10	3	1				42		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/29/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	23	23
05:00	0	0	0	0	0	0	2	4	1	0	0	0	0	0	7	23	25
06:00	0	0	0	0	0	1	7	4	1	1	0	0	0	0	14	23	27
07:00	2	0	0	0	1	8	22	26	5	1	0	0	0	0	65	23	25
08:00	3	0	0	0	0	6	18	31	11	0	0	0	0	0	69	24	26
09:00	3	0	0	1	1	6	16	13	6	0	0	0	0	0	46	23	25
10:00	0	0	0	0	0	1	8	13	6	0	0	0	0	0	28	24	26
11:00	0	0	0	0	1	2	14	5	6	0	0	0	0	0	28	24	26
12 PM	0	0	0	0	0	4	6	6	5	3	0	0	0	0	24	26	28
13:00	0	0	0	1	2	1	6	14	5	0	0	0	0	0	29	24	26
14:00	1	0	0	0	0	3	8	10	4	1	0	0	0	0	27	24	26
15:00	0	0	0	0	0	2	18	9	6	3	0	0	0	0	38	25	28
16:00	3	0	0	0	0	2	16	17	9	0	0	0	0	0	47	24	26
17:00	2	0	0	0	0	4	6	17	3	2	1	0	0	0	35	24	28
18:00	1	0	0	0	1	0	14	11	3	0	0	0	0	0	30	23	25
19:00	5	0	0	0	1	2	6	10	4	1	0	0	0	0	29	24	26
20:00	1	0	0	0	0	1	8	4	0	0	0	0	0	0	14	22	23
21:00	0	0	0	0	0	1	0	3	1	0	0	0	0	0	5	24	26
22:00	1	0	0	1	0	1	1	3	0	0	0	0	0	0	7	22	23
23:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
Total	22	0	0	3	7	45	177	203	76	12	1	0	0	0	546		
Percent	4.0%	0.0%	0.0%	0.5%	1.3%	8.2%	32.4%	37.2%	13.9%	2.2%	0.2%	0.0%	0.0%	0.0%			
AM Peak	08:00			09:00	07:00	07:00	07:00	08:00	08:00	06:00					08:00		
Vol.	3			1	1	8	22	31	11	1					69		
PM Peak	19:00			13:00	13:00	12:00	15:00	16:00	16:00	12:00	17:00				16:00		
Vol.	5			1	2	4	18	17	9	3	1				47		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/30/19	0	0	0	0	0	0	2	2	0	0	0	0	0	0	4	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
05:00	0	0	0	0	0	1	4	2	0	0	0	0	0	0	7	22	23
06:00	0	0	0	0	0	0	6	6	3	0	0	0	0	0	15	24	26
07:00	2	0	0	0	0	2	24	16	5	0	0	0	0	0	49	23	25
08:00	2	0	0	0	0	6	20	30	8	0	0	0	0	0	66	23	25
09:00	1	0	0	0	2	1	10	23	11	0	0	0	0	0	48	25	26
10:00	2	0	0	0	0	6	15	11	5	0	0	0	0	0	39	23	25
11:00	1	0	1	0	1	6	10	6	5	0	1	0	0	0	31	24	26
12 PM	0	0	0	0	0	1	14	16	3	1	1	0	0	0	36	23	27
13:00	0	0	0	0	1	4	8	10	6	0	0	0	0	0	29	24	26
14:00	0	0	0	0	0	3	8	15	5	1	1	0	0	0	33	25	28
15:00	1	0	0	0	1	2	8	9	12	1	0	0	0	0	34	25	26
16:00	3	0	0	0	0	4	15	22	7	1	0	0	0	0	52	24	26
17:00	0	0	0	0	0	2	6	20	3	1	0	0	0	0	32	23	26
18:00	0	0	0	0	0	1	7	14	1	1	1	0	0	0	25	23	29
19:00	1	0	0	0	2	4	9	4	6	0	0	0	0	0	26	25	26
20:00	0	0	0	0	1	1	5	3	1	1	0	0	0	0	12	24	28
21:00	0	0	0	0	0	1	5	4	1	0	0	0	0	0	11	23	25
22:00	0	0	0	0	0	2	2	1	3	0	0	0	0	0	8	25	26
23:00	0	0	0	0	0	1	3	1	1	0	0	0	0	0	6	24	26
Total	13	0	1	0	8	48	181	216	86	7	4	0	0	0	564		
Percent	2.3%	0.0%	0.2%	0.0%	1.4%	8.5%	32.1%	38.3%	15.2%	1.2%	0.7%	0.0%	0.0%	0.0%			
AM Peak	07:00		11:00		09:00	08:00	07:00	08:00	09:00		11:00				08:00		
Vol.	2		1		2	6	24	30	11		1				66		
PM Peak	16:00				19:00	13:00	16:00	16:00	15:00	12:00	12:00				16:00		
Vol.	3				2	4	15	22	12	1	1				52		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE E/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192411
 Station ID: 192411

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/31/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	2	0	3	0	0	0	0	0	0	5	23	23
06:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
07:00	0	0	0	0	0	3	7	3	4	0	0	0	0	0	17	25	26
08:00	0	0	0	0	1	1	12	6	6	0	0	0	0	0	26	25	26
09:00	0	0	0	0	0	3	9	13	7	0	0	0	0	0	32	24	26
10:00	0	0	0	0	0	3	8	16	3	0	1	0	0	0	31	23	26
11:00	1	0	0	0	0	3	13	11	2	0	1	0	0	0	31	23	26
12 PM	0	0	0	0	0	1	6	11	6	0	0	0	0	0	24	25	26
13:00	1	0	0	0	0	1	11	8	6	0	0	1	0	0	28	25	26
14:00	1	0	0	0	0	1	7	15	6	1	1	0	0	0	32	25	28
15:00	1	0	0	1	0	4	5	17	6	0	0	0	0	0	34	24	26
16:00	1	0	0	0	0	1	13	6	3	1	0	0	0	0	25	24	26
17:00	2	0	0	0	0	0	9	12	4	0	0	0	0	0	27	23	25
18:00	0	0	0	0	0	2	8	7	2	0	0	0	0	0	19	23	25
19:00	0	0	0	0	0	1	5	4	2	0	0	0	0	0	12	24	26
20:00	1	0	0	0	0	0	6	8	3	0	0	0	0	0	18	24	26
21:00	1	0	0	1	0	1	5	4	0	0	0	0	0	0	12	22	23
22:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
Total	9	0	0	2	1	28	127	148	60	2	3	1	0	0	381		
Percent	2.4%	0.0%	0.0%	0.5%	0.3%	7.3%	33.3%	38.8%	15.7%	0.5%	0.8%	0.3%	0.0%	0.0%			
AM Peak	11:00				08:00	07:00	11:00	10:00	09:00		10:00				09:00		
Vol.	1				1	3	13	16	7		1				32		
PM Peak	17:00			15:00		15:00	16:00	15:00	12:00	14:00	14:00	13:00			15:00		
Vol.	2			1		4	13	17	6	1	1	1			34		
Grand Total	115	0	3	10	52	294	1131	1317	504	65	15	2	0	0	3508		
Percent	3.3%	0.0%	0.1%	0.3%	1.5%	8.4%	32.2%	37.5%	14.4%	1.9%	0.4%	0.1%	0.0%	0.0%			

15th Percentile : 18 MPH
 50th Percentile : 21 MPH
 85th Percentile : 24 MPH
 95th Percentile : 26 MPH

Statistics
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 3050
 Percent in Pace : 86.9%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 21 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/25/19	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
07:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
08:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
09:00	1	0	0	0	0	2	1	4	2	0	0	0	0	0	10	24	26
10:00	1	0	0	0	0	0	1	4	0	1	0	0	0	0	7	23	28
11:00	0	0	1	0	1	0	4	4	4	1	0	0	0	0	15	26	27
12 PM	2	0	0	1	0	3	5	8	0	2	0	0	0	0	21	23	28
13:00	0	0	0	0	3	2	8	7	2	2	0	0	0	0	24	24	28
14:00	1	0	0	0	2	0	7	5	1	0	1	0	0	0	17	23	30
15:00	0	0	0	0	0	1	2	6	3	2	0	0	0	0	14	26	28
16:00	0	0	1	1	2	2	2	6	2	1	0	0	0	0	17	24	27
17:00	0	0	0	2	0	0	3	7	4	1	1	0	0	0	18	26	30
18:00	0	0	0	1	0	2	4	6	3	0	0	0	0	0	16	24	26
19:00	0	0	1	1	1	1	3	4	1	0	0	0	0	0	12	23	25
20:00	0	0	0	0	3	0	10	3	1	0	0	0	0	0	17	22	24
21:00	0	0	0	0	1	1	0	1	2	1	0	0	0	0	6	27	29
22:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
23:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	26	26
Total	5	0	3	6	14	15	52	68	28	11	2	0	0	0	204		
Percent	2.5%	0.0%	1.5%	2.9%	6.9%	7.4%	25.5%	33.3%	13.7%	5.4%	1.0%	0.0%	0.0%	0.0%			
AM Peak	09:00		11:00		07:00	09:00	11:00	09:00	11:00	10:00					11:00		
Vol.	1		1		1	2	4	4	4	1					15		
PM Peak	12:00		16:00	17:00	13:00	12:00	20:00	12:00	17:00	12:00	14:00				13:00		
Vol.	2		1	2	3	3	10	8	4	2	1				24		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/26/19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	11	11
07:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
08:00	1	0	0	0	1	4	1	0	1	1	0	0	0	0	9	25	28
09:00	0	0	0	0	0	0	3	5	1	0	0	0	0	0	9	23	25
10:00	0	0	0	0	0	7	0	3	2	0	0	0	0	0	12	24	26
11:00	1	0	0	0	3	4	3	3	1	1	0	0	0	0	16	23	27
12 PM	0	0	0	1	0	0	4	6	2	1	0	0	0	0	14	25	27
13:00	0	0	0	1	1	0	1	5	0	0	0	0	0	0	8	23	23
14:00	0	0	1	1	0	1	2	6	2	1	0	0	0	0	14	25	27
15:00	1	0	0	0	2	4	2	9	1	0	0	0	0	0	19	23	24
16:00	2	0	1	3	1	3	5	5	1	1	0	0	0	0	22	23	26
17:00	0	0	1	1	0	4	6	3	1	1	0	0	0	0	17	23	27
18:00	1	0	0	1	2	1	9	8	2	4	0	0	0	0	28	26	28
19:00	0	0	0	1	1	6	5	11	3	0	0	0	0	0	27	23	25
20:00	0	0	1	0	0	1	6	4	2	0	0	0	0	0	14	23	25
21:00	0	0	0	0	0	0	4	3	2	0	0	0	0	0	9	24	26
22:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	22	23
23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
Total	6	0	4	11	11	36	53	73	24	10	0	0	0	0	228		
Percent	2.6%	0.0%	1.8%	4.8%	4.8%	15.8%	23.2%	32.0%	10.5%	4.4%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00			06:00	11:00	10:00	09:00	09:00	10:00	08:00					11:00		
Vol.	1			2	3	7	3	5	2	1					16		
PM Peak	16:00		14:00	16:00	15:00	19:00	18:00	19:00	19:00	18:00					18:00		
Vol.	2		1	3	2	6	9	11	3	4					28		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/27/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
06:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
07:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	11	11
08:00	1	0	0	0	1	3	0	1	1	0	0	0	0	0	7	23	25
09:00	0	0	0	0	0	1	2	1	1	1	0	0	0	0	6	27	29
10:00	0	0	0	0	0	2	0	8	2	0	0	0	0	0	12	24	26
11:00	1	0	0	0	0	1	2	4	2	0	0	0	0	0	10	24	26
12 PM	1	0	0	0	0	2	4	3	2	1	0	0	0	0	13	25	28
13:00	0	0	0	1	1	1	6	2	5	1	0	0	0	0	17	26	27
14:00	0	0	1	0	0	0	4	2	2	0	0	1	0	0	10	26	34
15:00	0	0	0	1	1	3	5	7	0	0	0	0	0	0	17	22	23
16:00	0	0	1	0	1	3	5	6	0	1	0	0	0	0	17	23	27
17:00	0	0	0	1	3	2	5	4	5	0	0	0	0	0	20	25	26
18:00	1	0	1	1	1	2	12	13	5	1	0	0	0	0	37	24	26
19:00	0	0	1	0	1	1	6	4	1	1	0	0	0	0	15	23	27
20:00	1	0	0	0	0	5	4	7	2	0	0	0	0	0	19	23	25
21:00	0	0	0	1	0	3	2	1	3	1	0	0	0	0	11	26	28
22:00	0	0	0	0	0	0	3	0	2	1	0	0	0	0	6	27	29
23:00	0	0	0	0	0	1	0	2	0	0	0	0	0	0	3	23	23
Total	5	0	4	6	10	30	60	65	34	9	0	1	0	0	224		
Percent	2.2%	0.0%	1.8%	2.7%	4.5%	13.4%	26.8%	29.0%	15.2%	4.0%	0.0%	0.4%	0.0%	0.0%			
AM Peak	08:00			07:00	06:00	08:00	09:00	10:00	10:00	04:00					10:00		
Vol.	1			1	1	3	2	8	2	1					12		
PM Peak	12:00		14:00	13:00	17:00	20:00	18:00	18:00	13:00	12:00		14:00			18:00		
Vol.	1		1	1	3	5	12	13	5	1		1			37		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/28/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
07:00	0	0	0	0	0	2	0	0	1	0	0	0	0	0	3	25	26
08:00	1	0	0	0	1	2	2	4	0	0	0	0	0	0	10	22	23
09:00	0	0	0	0	1	0	6	3	3	0	0	0	0	0	13	25	26
10:00	0	0	0	0	1	1	4	3	0	0	0	0	0	0	9	22	23
11:00	0	0	1	1	0	0	2	3	4	0	1	0	0	0	12	26	31
12 PM	3	0	0	1	0	0	3	6	2	1	1	0	0	0	17	26	30
13:00	0	0	0	0	1	1	4	3	3	0	0	0	0	0	12	25	26
14:00	1	0	0	0	1	3	4	3	4	0	1	0	0	0	17	25	30
15:00	2	0	1	0	1	4	2	7	2	0	0	0	0	0	19	23	25
16:00	0	0	0	1	0	2	7	7	1	2	0	0	0	0	20	24	28
17:00	0	0	0	1	0	1	7	8	7	0	0	0	0	0	24	25	26
18:00	0	0	0	1	1	1	5	13	6	0	2	0	0	0	29	25	30
19:00	0	0	0	0	3	1	9	8	2	0	0	0	0	0	23	23	25
20:00	0	0	0	0	0	6	10	4	2	0	0	0	0	0	22	23	25
21:00	0	0	0	1	1	1	6	4	2	1	1	0	0	0	17	26	30
22:00	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3	25	26
23:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
Total	7	0	2	6	11	27	73	77	41	4	6	0	0	0	254		
Percent	2.8%	0.0%	0.8%	2.4%	4.3%	10.6%	28.7%	30.3%	16.1%	1.6%	2.4%	0.0%	0.0%	0.0%			
AM Peak	08:00		11:00	11:00	08:00	07:00	09:00	08:00	11:00		11:00				09:00		
Vol.	1		1	1	1	2	6	4	4		1				13		
PM Peak	12:00		15:00	12:00	19:00	20:00	20:00	18:00	17:00	16:00	18:00				18:00		
Vol.	3		1	1	3	6	10	13	7	2	2				29		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/29/19	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
07:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
08:00	1	0	0	3	1	2	3	2	1	0	0	0	0	0	13	22	25
09:00	1	0	0	0	0	6	2	5	1	1	0	0	0	0	16	23	27
10:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
11:00	0	0	0	0	1	1	3	4	0	0	0	0	0	0	9	22	23
12 PM	0	0	0	1	1	4	2	3	2	0	0	0	0	0	13	24	26
13:00	3	0	0	0	3	3	2	3	0	0	0	0	0	0	14	21	23
14:00	0	0	0	0	1	2	4	8	0	1	0	0	0	0	16	23	27
15:00	1	0	0	1	1	6	3	2	0	1	0	0	0	0	15	22	27
16:00	1	0	0	1	1	2	7	6	1	2	0	0	0	0	21	23	28
17:00	0	0	0	1	2	1	10	8	4	0	0	0	0	0	26	24	26
18:00	1	0	0	1	1	4	13	4	1	3	0	0	0	0	28	23	28
19:00	0	0	0	1	1	3	4	7	3	1	0	0	0	0	20	25	27
20:00	1	0	0	0	0	2	7	8	0	0	0	0	0	0	18	22	23
21:00	0	0	0	0	1	0	3	5	1	0	0	0	0	0	10	23	25
22:00	0	0	0	0	0	0	2	1	2	2	0	0	0	0	7	28	29
23:00	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3	31	32
Total	9	0	0	10	14	37	67	70	17	12	1	0	0	0	237		
Percent	3.8%	0.0%	0.0%	4.2%	5.9%	15.6%	28.3%	29.5%	7.2%	5.1%	0.4%	0.0%	0.0%	0.0%			
AM Peak	08:00			08:00	08:00	09:00	08:00	09:00	08:00	05:00					09:00		
Vol.	1			3	1	6	3	5	1	1					16		
PM Peak	13:00			12:00	13:00	15:00	18:00	14:00	17:00	18:00	23:00				18:00		
Vol.	3			1	3	6	13	8	4	3	1				28		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/30/19	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3	25	26
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
07:00	0	0	0	0	0	1	0	1	0	0	1	0	0	0	3	31	32
08:00	2	0	0	0	1	3	5	1	0	1	0	0	0	0	13	21	28
09:00	0	0	0	0	1	4	2	3	3	3	0	0	0	0	16	27	29
10:00	1	0	0	1	1	1	3	10	3	0	0	0	0	0	20	24	26
11:00	0	0	0	0	0	2	4	3	2	1	0	0	0	0	12	25	28
12 PM	0	0	0	0	1	1	6	2	4	0	0	0	0	0	14	25	26
13:00	0	0	0	0	0	1	3	7	3	1	0	0	0	0	15	25	27
14:00	0	0	0	2	0	4	7	10	3	0	0	0	0	0	26	23	25
15:00	1	0	1	1	0	1	5	9	4	2	0	0	0	0	24	25	28
16:00	3	0	1	2	2	3	5	8	6	1	0	0	0	0	31	25	26
17:00	0	0	0	0	2	2	6	9	5	0	0	0	0	0	24	24	26
18:00	0	0	0	0	2	4	2	4	2	2	0	1	0	0	17	27	33
19:00	0	0	0	0	1	1	6	13	5	3	0	0	0	0	29	26	28
20:00	0	0	0	0	1	1	2	6	2	0	0	0	0	0	12	24	26
21:00	0	0	0	1	1	1	2	4	1	1	0	0	0	0	11	25	28
22:00	1	0	0	0	0	0	0	6	2	0	0	0	0	0	9	24	26
23:00	0	0	0	0	0	3	1	2	1	0	0	0	0	0	7	23	25
Total	8	0	2	7	13	33	61	101	47	15	1	1	0	0	289		
Percent	2.8%	0.0%	0.7%	2.4%	4.5%	11.4%	21.1%	34.9%	16.3%	5.2%	0.3%	0.3%	0.0%	0.0%			
AM Peak	08:00			10:00	08:00	09:00	08:00	10:00	09:00	09:00	07:00				10:00		
Vol.	2			1	1	4	5	10	3	3	1				20		
PM Peak	16:00		15:00	14:00	16:00	14:00	14:00	19:00	16:00	19:00		18:00			16:00		
Vol.	3		1	2	2	4	7	13	6	3		1			31		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/31/19	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3	25	26
01:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
06:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	0	0	0	0	0	0	0	2	1	1	0	0	0	0	4	28	29
09:00	0	0	0	1	0	0	2	2	1	0	0	0	0	0	6	24	26
10:00	1	0	0	1	0	2	2	2	4	1	0	0	0	0	13	26	28
11:00	0	0	0	1	0	1	5	4	2	1	0	0	0	0	14	25	27
12 PM	0	0	0	0	0	1	5	6	4	2	1	0	0	0	19	27	30
13:00	0	0	0	0	0	1	0	6	1	0	0	0	0	0	8	23	25
14:00	0	0	0	0	0	0	3	4	1	0	0	0	0	0	8	23	25
15:00	1	0	0	0	0	1	2	6	2	0	0	0	0	0	12	24	26
16:00	0	0	0	1	1	0	6	5	1	2	0	0	0	0	16	25	28
17:00	0	0	1	1	3	0	4	4	3	1	0	0	0	0	17	25	27
18:00	0	0	0	0	2	0	4	3	2	0	0	0	0	0	11	24	26
19:00	0	0	0	0	1	2	5	4	1	0	0	0	0	0	13	23	25
20:00	0	0	0	0	0	1	1	5	2	0	0	0	0	0	9	24	26
21:00	0	0	0	0	1	2	3	9	2	1	0	0	0	0	18	24	27
22:00	0	0	0	1	0	2	3	2	1	0	0	0	0	0	9	23	25
23:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
Total	2	0	1	6	8	13	48	70	30	9	1	0	0	0	188		
Percent	1.1%	0.0%	0.5%	3.2%	4.3%	6.9%	25.5%	37.2%	16.0%	4.8%	0.5%	0.0%	0.0%	0.0%			
AM Peak	10:00			09:00		10:00	11:00	11:00	10:00	08:00					11:00		
Vol.	1			1		2	5	4	4	1					14		
PM Peak	15:00		17:00	16:00	17:00	19:00	16:00	21:00	12:00	12:00	12:00				12:00		
Vol.	1		1	1	3	2	6	9	4	2	1				19		
Grand Total	42	0	16	52	81	191	414	524	221	70	11	2	0	0	1624		
Percent	2.6%	0.0%	1.0%	3.2%	5.0%	11.8%	25.5%	32.3%	13.6%	4.3%	0.7%	0.1%	0.0%	0.0%			

15th Percentile : 15 MPH
 50th Percentile : 21 MPH
 85th Percentile : 24 MPH
 95th Percentile : 27 MPH

Statistics
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 1223
 Percent in Pace : 75.3%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 21 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/25/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	19	20
06:00	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	23	23
07:00	0	0	0	0	2	0	0	1	1	0	0	0	0	0	4	25	26
08:00	0	0	0	0	1	2	1	1	0	0	0	0	0	0	5	21	23
09:00	0	0	0	2	1	7	7	1	0	0	0	0	0	0	18	20	21
10:00	0	0	0	0	0	3	4	1	0	1	0	0	0	0	9	22	28
11:00	0	0	1	0	1	5	9	4	0	0	0	0	0	0	20	21	23
12 PM	0	0	0	0	2	9	4	5	1	0	0	0	0	0	21	22	23
13:00	0	0	0	0	1	6	6	7	0	0	0	0	0	0	20	22	23
14:00	0	0	0	1	1	3	9	1	2	0	0	0	0	0	17	22	25
15:00	0	0	1	2	1	3	3	3	0	0	0	0	0	0	13	22	23
16:00	0	0	1	1	1	3	5	2	1	0	0	0	0	0	14	22	24
17:00	0	0	0	1	1	4	2	6	3	0	0	0	0	0	17	24	26
18:00	0	0	0	0	2	3	4	1	0	0	0	0	0	0	10	20	22
19:00	0	0	0	0	1	2	7	1	0	0	0	0	0	0	11	20	22
20:00	0	0	0	0	3	1	2	1	0	0	0	0	0	0	7	20	22
21:00	0	0	0	0	0	1	5	1	0	0	0	0	0	0	7	20	22
22:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	0	0	3	8	19	54	69	37	8	1	0	0	0	0	199		
Percent	0.0%	0.0%	1.5%	4.0%	9.5%	27.1%	34.7%	18.6%	4.0%	0.5%	0.0%	0.0%	0.0%	0.0%			
AM Peak			11:00	09:00	07:00	09:00	11:00	11:00	07:00	10:00					11:00		
Vol.			1	2	2	7	9	4	1	1					20		
PM Peak			15:00	15:00	20:00	12:00	14:00	13:00	17:00						12:00		
Vol.			1	2	3	9	9	7	3						21		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/26/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3	20	20
06:00	0	0	0	1	0	0	3	1	0	1	0	0	0	0	6	27	29
07:00	0	0	0	0	2	1	2	0	0	0	0	0	0	0	5	19	20
08:00	1	0	0	2	6	10	10	6	0	2	0	0	0	0	37	22	27
09:00	0	0	0	1	1	5	6	5	0	0	0	0	0	0	18	22	23
10:00	0	0	0	1	3	5	3	3	0	0	1	0	0	0	16	22	30
11:00	1	0	0	1	2	4	3	1	2	0	0	0	0	0	14	23	25
12 PM	0	0	0	0	0	4	3	4	0	0	0	0	0	0	11	22	23
13:00	0	0	0	1	0	1	2	3	1	0	0	0	0	0	8	23	25
14:00	0	0	0	1	0	1	6	3	0	1	0	0	0	0	12	23	28
15:00	1	0	0	0	1	4	5	3	1	0	0	0	0	0	15	22	24
16:00	3	0	2	0	3	6	4	1	2	0	0	0	0	0	21	20	25
17:00	1	0	1	1	0	3	6	1	1	0	0	0	0	0	14	20	24
18:00	0	0	0	0	2	3	10	4	0	0	0	0	0	0	19	21	23
19:00	0	0	1	0	0	1	7	1	0	0	0	0	0	0	10	20	22
20:00	0	0	0	1	0	2	2	0	0	1	0	0	0	0	6	27	29
21:00	0	0	0	0	1	2	1	1	0	0	0	0	0	0	5	21	23
22:00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3	26	26
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	7	0	4	10	21	53	76	38	9	5	1	0	0	0	224		
Percent	3.1%	0.0%	1.8%	4.5%	9.4%	23.7%	33.9%	17.0%	4.0%	2.2%	0.4%	0.0%	0.0%	0.0%			
AM Peak	08:00			08:00	08:00	08:00	08:00	08:00	11:00	08:00	10:00				08:00		
Vol.	1			2	6	10	10	6	2	2	1				37		
PM Peak	16:00		16:00	13:00	16:00	16:00	18:00	12:00	16:00	14:00					16:00		
Vol.	3		2	1	3	6	10	4	2	1					21		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/27/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	1	0	0	0	1	1	3	2	0	0	0	0	0	0	8	22	23
07:00	2	0	0	0	0	0	4	0	0	1	0	0	0	0	7	20	28
08:00	1	0	1	1	3	8	15	6	0	0	0	0	0	0	35	21	23
09:00	0	0	0	0	0	4	8	1	1	0	0	0	0	0	14	20	24
10:00	0	0	0	1	0	2	6	1	0	0	0	0	0	0	10	20	22
11:00	0	0	0	0	0	2	8	3	1	0	0	0	0	0	14	22	24
12 PM	1	0	0	1	0	5	2	3	1	0	0	0	0	0	13	23	25
13:00	0	0	0	0	2	2	5	4	0	0	0	0	0	0	13	22	23
14:00	0	0	1	0	1	3	4	5	0	0	0	0	0	0	14	22	23
15:00	0	1	0	3	3	4	6	2	0	0	0	0	0	0	19	20	22
16:00	0	0	0	1	1	5	4	0	0	1	0	0	0	0	12	20	28
17:00	0	0	0	0	5	4	6	2	0	0	0	0	0	0	17	20	22
18:00	0	0	0	2	1	4	8	2	0	0	0	0	0	0	17	20	22
19:00	0	0	0	0	0	5	5	3	0	0	0	0	0	0	13	22	23
20:00	0	0	0	1	0	2	5	0	0	0	0	0	0	0	8	20	20
21:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3	17	17
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
Total	5	1	2	10	18	54	91	35	3	2	0	0	0	0	221		
Percent	2.3%	0.5%	0.9%	4.5%	8.1%	24.4%	41.2%	15.8%	1.4%	0.9%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00		08:00	08:00	08:00	08:00	08:00	08:00	09:00	07:00					08:00		
Vol.	2		1	1	3	8	15	6	1	1					35		
PM Peak	12:00	15:00	14:00	15:00	17:00	12:00	18:00	14:00	12:00	16:00					15:00		
Vol.	1	1	1	3	5	5	8	5	1	1					19		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/28/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	1	0	0	1	0	1	3	1	0	1	0	0	0	0	8	23	28
07:00	0	0	0	0	0	3	7	1	0	0	0	0	0	0	11	20	22
08:00	1	0	0	1	4	3	14	2	0	0	1	0	0	0	26	20	23
09:00	0	0	0	0	5	8	13	6	1	1	0	0	0	0	34	22	24
10:00	0	0	0	1	2	5	2	2	0	0	0	0	0	0	12	21	23
11:00	0	0	0	1	1	2	3	3	0	0	0	0	0	0	10	22	23
12 PM	1	0	0	0	1	3	4	3	1	1	0	0	0	0	14	23	27
13:00	0	0	0	3	1	3	0	3	1	0	0	0	0	0	11	23	25
14:00	0	0	0	0	0	2	4	3	2	0	0	0	0	0	11	24	26
15:00	0	0	0	0	2	6	6	1	0	0	0	0	0	0	15	20	21
16:00	1	0	0	0	1	4	8	3	0	0	0	0	0	0	17	21	23
17:00	0	0	1	0	1	2	9	5	2	0	0	0	0	0	20	23	25
18:00	0	0	0	0	1	0	7	3	1	0	0	0	0	0	12	23	25
19:00	0	0	1	3	2	7	9	5	1	0	0	0	0	0	28	22	23
20:00	0	0	0	0	1	1	8	1	0	0	0	0	0	0	11	20	22
21:00	0	0	0	0	0	2	0	3	0	0	0	0	0	0	5	23	23
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
Total	4	0	2	10	22	52	98	46	9	3	1	0	0	0	247		
Percent	1.6%	0.0%	0.8%	4.0%	8.9%	21.1%	39.7%	18.6%	3.6%	1.2%	0.4%	0.0%	0.0%	0.0%			
AM Peak	06:00			06:00	09:00	09:00	08:00	09:00	09:00	06:00	08:00				09:00		
Vol.	1			1	5	8	14	6	1	1	1				34		
PM Peak	12:00		17:00	13:00	15:00	19:00	17:00	17:00	14:00	12:00					19:00		
Vol.	1		1	3	2	7	9	5	2	1					28		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/29/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
06:00	1	0	0	0	1	1	5	0	0	0	0	0	0	0	8	20	20
07:00	0	0	0	0	0	3	5	2	1	1	0	0	0	0	12	24	28
08:00	2	0	0	3	2	10	11	3	1	0	0	0	0	0	32	20	23
09:00	0	0	1	1	2	5	3	3	1	0	0	0	0	0	16	22	24
10:00	0	0	0	1	3	4	10	0	3	0	0	0	0	0	21	20	25
11:00	0	0	0	1	2	1	2	1	0	0	0	0	0	0	7	20	22
12 PM	0	0	0	0	1	4	4	4	0	1	0	0	0	0	14	23	27
13:00	0	0	0	1	1	1	1	2	0	0	0	0	0	0	6	22	23
14:00	0	0	0	0	1	1	4	3	1	0	0	0	0	0	10	23	25
15:00	0	0	0	0	1	6	6	2	1	0	0	0	0	0	16	21	24
16:00	0	0	1	0	2	6	5	3	1	0	0	0	0	0	18	22	24
17:00	0	0	0	1	3	3	14	4	1	0	0	0	0	0	26	21	23
18:00	0	0	0	0	1	6	6	1	1	0	0	0	0	0	15	20	24
19:00	0	0	0	0	1	2	3	4	0	0	0	0	0	0	10	22	23
20:00	0	0	0	1	1	2	4	1	0	0	0	0	0	0	9	20	22
21:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
22:00	0	0	0	0	1	0	2	1	0	0	0	0	0	0	4	22	23
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	3	0	2	9	23	55	88	34	11	2	0	0	0	0	227		
Percent	1.3%	0.0%	0.9%	4.0%	10.1%	24.2%	38.8%	15.0%	4.8%	0.9%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00		09:00	08:00	10:00	08:00	08:00	08:00	10:00	07:00					08:00		
Vol.	2		1	3	3	10	11	3	3	1					32		
PM Peak			16:00	13:00	17:00	15:00	17:00	12:00	14:00	12:00					17:00		
Vol.			1	1	3	6	14	4	1	1					26		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/30/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	1	0	0	0	1	5	2	0	1	0	0	0	0	0	10	20	25
07:00	0	0	0	1	1	2	2	1	0	0	0	0	0	0	7	20	22
08:00	0	0	0	2	2	13	19	1	0	0	0	0	0	0	37	20	20
09:00	0	0	0	0	3	0	11	3	1	0	0	0	0	0	18	22	24
10:00	0	0	0	0	3	7	7	4	0	0	0	0	0	0	21	21	23
11:00	0	1	0	1	2	1	7	3	0	0	0	0	0	0	15	21	23
12 PM	0	0	0	0	3	5	4	6	2	1	0	0	0	0	21	23	26
13:00	0	0	0	0	1	5	6	3	0	0	0	0	0	0	15	21	23
14:00	0	0	0	0	0	5	2	2	1	0	0	0	0	0	10	23	25
15:00	1	0	0	0	1	6	3	3	1	2	0	0	0	0	17	25	28
16:00	1	0	0	1	4	3	10	13	1	0	0	0	0	0	33	23	23
17:00	1	0	0	2	2	5	6	3	0	0	0	0	0	0	19	21	23
18:00	0	0	0	0	0	6	6	6	2	0	0	0	0	0	20	23	25
19:00	0	0	0	1	0	3	4	4	0	0	0	0	0	0	12	22	23
20:00	0	0	0	0	2	3	3	1	0	0	0	0	0	0	9	20	22
21:00	0	0	0	0	0	3	4	0	1	0	0	0	0	0	8	20	25
22:00	0	0	0	0	0	0	2	3	0	0	0	0	0	0	5	23	23
23:00	1	0	0	0	0	1	2	0	0	0	0	0	0	0	4	20	20
Total	5	1	0	8	25	74	101	57	10	3	0	0	0	0	284		
Percent	1.8%	0.4%	0.0%	2.8%	8.8%	26.1%	35.6%	20.1%	3.5%	1.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00	11:00		08:00	09:00	08:00	08:00	10:00	06:00						08:00		
Vol.	1	1		2	3	13	19	4	1						37		
PM Peak	15:00			17:00	16:00	15:00	16:00	16:00	12:00	15:00					16:00		
Vol.	1			2	4	6	10	13	2	2					33		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192403
 Station ID: 192403

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/31/19	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3	19	20
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	0	0	0	0	0	2	1	1	0	0	0	0	0	0	4	22	23
07:00	0	0	0	0	1	3	2	0	0	0	0	0	0	0	6	19	20
08:00	0	0	0	0	2	3	2	0	0	0	0	0	0	0	7	19	20
09:00	0	0	1	0	0	4	5	5	0	0	0	0	0	0	15	22	23
10:00	0	0	0	0	0	5	7	5	0	0	0	0	0	0	17	22	23
11:00	1	0	0	0	0	4	6	0	0	0	0	0	0	0	11	20	20
12 PM	0	0	0	0	1	3	5	4	1	0	0	0	0	0	14	23	24
13:00	0	0	0	1	2	2	5	0	0	0	0	0	0	0	10	20	20
14:00	0	0	2	0	0	0	7	5	1	0	1	0	0	0	16	23	30
15:00	0	0	0	0	1	3	2	5	2	0	0	0	0	0	13	24	26
16:00	0	0	0	1	1	2	5	2	1	0	0	0	0	0	12	22	25
17:00	0	0	0	0	1	2	9	2	0	0	0	0	0	0	14	20	22
18:00	0	0	0	0	1	3	2	3	1	0	0	0	0	0	10	23	25
19:00	0	0	0	1	0	2	2	2	3	0	0	0	0	0	10	25	26
20:00	0	0	0	1	1	2	3	2	1	0	0	0	0	0	10	23	25
21:00	0	0	0	0	2	3	6	2	0	0	0	0	0	0	13	21	23
22:00	1	0	0	0	0	0	1	2	0	0	0	0	0	0	4	23	23
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	2	0	3	4	13	45	73	40	10	0	1	0	0	0	191		
Percent	1.0%	0.0%	1.6%	2.1%	6.8%	23.6%	38.2%	20.9%	5.2%	0.0%	0.5%	0.0%	0.0%	0.0%			
AM Peak	11:00		09:00		08:00	10:00	10:00	09:00							10:00		
Vol.	1		1		2	5	7	5							17		
PM Peak	22:00		14:00	13:00	13:00	12:00	17:00	14:00	19:00		14:00				14:00		
Vol.	1		2	1	2	3	9	5	3		1				16		
Grand Total	26	2	16	59	141	387	596	287	60	16	3	0	0	0	1593		
Percent	1.6%	0.1%	1.0%	3.7%	8.9%	24.3%	37.4%	18.0%	3.8%	1.0%	0.2%	0.0%	0.0%	0.0%			

15th Percentile : 14 MPH
 50th Percentile : 18 MPH
 85th Percentile : 22 MPH
 95th Percentile : 23 MPH

Statistics
 10 MPH Pace Speed : 15-24 MPH
 Number in Pace : 1317
 Percent in Pace : 82.7%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 19 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/25/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	0	0	0	0	0	2	2	0	0	0	0	0	0	0	4	20	20
09:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	17	17
10:00	1	0	0	0	0	0	2	1	0	1	0	0	0	0	5	27	29
11:00	1	0	0	0	0	0	9	1	1	0	0	0	0	0	12	21	25
12 PM	2	0	0	0	1	1	4	3	0	0	0	0	0	0	11	22	23
13:00	4	0	0	0	2	3	4	2	0	0	0	0	0	0	15	20	22
14:00	0	0	0	0	1	1	5	2	1	1	0	0	0	0	11	25	28
15:00	1	0	0	0	0	2	6	1	0	0	0	0	0	0	10	20	22
16:00	0	0	0	0	1	2	4	2	0	1	0	0	0	0	10	23	28
17:00	0	0	0	0	1	0	5	3	1	0	0	0	0	0	10	23	25
18:00	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4	20	20
19:00	0	0	0	0	2	2	2	2	0	0	0	0	0	0	8	22	23
20:00	1	0	0	0	0	1	2	1	0	0	0	0	0	0	5	21	23
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
Total	11	0	0	0	8	16	50	20	4	3	0	0	0	0	112		
Percent	9.8%	0.0%	0.0%	0.0%	7.1%	14.3%	44.6%	17.9%	3.6%	2.7%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00					08:00	11:00	04:00	11:00	10:00					11:00		
Vol.	1					2	9	1	1	1					12		
PM Peak	13:00				13:00	13:00	15:00	12:00	14:00	14:00					13:00		
Vol.	4				2	3	6	3	1	1					15		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/26/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
07:00	1	0	0	0	0	1	1	0	0	0	0	0	0	0	3	19	20
08:00	2	0	0	0	1	1	5	2	0	0	0	0	0	0	11	21	23
09:00	0	0	0	0	0	0	2	2	0	0	0	0	0	0	4	23	23
10:00	1	0	0	0	0	5	4	3	0	0	0	0	0	0	13	22	23
11:00	1	0	0	0	0	0	4	1	1	0	0	0	0	0	7	23	25
12 PM	0	0	0	0	2	0	3	2	0	0	0	0	0	0	7	22	23
13:00	2	0	0	0	1	4	3	1	0	0	0	0	0	0	11	20	22
14:00	2	0	0	0	0	1	6	2	1	0	0	0	0	0	12	22	25
15:00	3	0	0	0	0	4	4	4	0	0	0	0	0	0	15	22	23
16:00	5	0	0	0	1	7	3	1	1	0	0	0	0	0	18	20	24
17:00	1	0	0	0	0	2	8	2	0	1	0	0	0	0	14	22	27
18:00	3	0	0	0	0	4	3	6	1	0	0	0	0	0	17	23	24
19:00	2	0	0	0	2	4	6	3	0	0	0	0	0	0	17	21	23
20:00	0	0	0	0	0	1	5	3	0	0	0	0	0	0	9	22	23
21:00	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3	22	23
22:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	24	0	0	0	8	35	61	33	4	1	0	0	0	0	166		
Percent	14.5%	0.0%	0.0%	0.0%	4.8%	21.1%	36.7%	19.9%	2.4%	0.6%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00				08:00	10:00	08:00	10:00	11:00						10:00		
Vol.	2				1	5	5	3	1						13		
PM Peak	16:00				12:00	16:00	17:00	18:00	14:00	17:00					16:00		
Vol.	5				2	7	8	6	1	1					18		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/27/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
07:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	17	17
08:00	0	0	0	0	0	2	3	1	0	0	0	0	0	0	6	21	23
09:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
10:00	0	0	0	0	1	2	6	3	0	0	0	0	0	0	12	22	23
11:00	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4	22	23
12 PM	3	0	0	0	1	3	4	3	1	0	0	0	0	0	15	22	24
13:00	2	0	0	0	1	1	6	1	0	0	0	0	0	0	11	20	22
14:00	1	0	0	0	0	4	2	1	0	0	0	0	0	0	8	20	22
15:00	2	0	0	0	0	2	3	2	0	0	0	0	0	0	9	21	23
16:00	2	0	0	0	1	2	7	2	0	0	0	0	0	0	14	20	22
17:00	1	0	0	0	0	1	6	5	1	0	0	0	0	0	14	23	24
18:00	3	0	0	0	0	5	6	6	1	0	0	0	0	0	21	22	23
19:00	1	0	0	0	2	0	1	3	1	0	0	0	0	0	8	23	25
20:00	1	0	0	0	0	1	4	3	1	0	0	0	0	0	10	23	25
21:00	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	22	23
22:00	0	0	0	0	0	1	0	1	2	0	0	0	0	0	4	26	26
23:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
Total	17	0	0	0	6	27	55	35	7	1	0	0	0	0	148		
Percent	11.5%	0.0%	0.0%	0.0%	4.1%	18.2%	37.2%	23.6%	4.7%	0.7%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00				10:00	07:00	10:00	10:00		03:00					10:00		
Vol.	1				1	2	6	3		1					12		
PM Peak	12:00				19:00	18:00	16:00	18:00	22:00						18:00		
Vol.	3				2	5	7	6	2						21		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/28/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
07:00	1	0	0	0	0	2	1	0	0	0	0	0	0	0	4	19	20
08:00	0	0	0	0	0	1	8	2	0	0	0	0	0	0	11	21	23
09:00	1	0	0	0	0	1	1	0	1	0	0	0	0	0	4	25	26
10:00	1	0	0	0	1	2	1	1	1	0	0	0	0	0	7	23	25
11:00	2	0	0	0	0	1	2	2	1	0	0	0	0	0	8	23	25
12 PM	1	0	0	0	1	1	6	3	0	0	0	0	0	0	12	22	23
13:00	1	0	0	0	0	1	3	3	2	0	0	0	0	0	10	24	26
14:00	1	0	0	0	1	2	4	2	0	0	0	0	0	0	10	21	23
15:00	2	0	0	0	0	2	6	1	1	0	0	0	0	0	12	21	25
16:00	0	0	0	0	0	3	9	1	3	0	0	0	0	0	16	24	26
17:00	1	0	0	0	0	2	4	5	2	0	0	0	0	0	14	23	25
18:00	1	0	0	0	0	5	5	5	0	1	0	0	0	0	17	23	27
19:00	3	0	0	0	2	3	3	2	0	0	0	0	0	0	13	21	23
20:00	1	0	0	0	0	1	6	3	2	0	0	0	0	0	13	24	26
21:00	0	0	0	0	0	3	1	2	1	0	0	0	0	0	7	23	25
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
Total	16	0	0	0	5	32	61	32	14	1	0	0	0	0	161		
Percent	9.9%	0.0%	0.0%	0.0%	3.1%	19.9%	37.9%	19.9%	8.7%	0.6%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00				10:00	07:00	08:00	08:00	09:00						08:00		
Vol.	2				1	2	8	2	1						11		
PM Peak	19:00				19:00	18:00	16:00	17:00	16:00	18:00					18:00		
Vol.	3				2	5	9	5	3	1					17		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/29/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
07:00	1	0	0	0	1	0	0	1	0	0	0	0	0	0	3	22	23
08:00	2	0	0	0	2	2	8	0	0	0	0	0	0	0	14	20	20
09:00	1	0	0	0	0	1	1	1	0	0	0	0	0	0	4	22	23
10:00	0	0	0	0	1	1	1	2	0	0	0	0	0	0	5	22	23
11:00	0	0	0	0	0	1	2	2	0	0	0	0	0	0	5	22	23
12 PM	1	0	0	0	0	2	3	2	0	0	0	0	0	0	8	22	23
13:00	1	0	0	0	1	1	6	2	0	0	0	0	0	0	11	21	23
14:00	3	0	0	1	0	5	5	0	0	0	0	0	0	0	14	19	20
15:00	1	0	0	0	0	2	3	2	0	0	0	0	0	0	8	22	23
16:00	1	0	0	0	0	2	4	3	0	0	0	0	0	0	10	22	23
17:00	1	0	0	0	0	1	5	4	0	0	0	0	0	0	11	22	23
18:00	0	0	0	0	0	4	6	2	0	0	0	0	0	0	12	21	23
19:00	2	0	0	0	0	3	4	7	0	0	0	0	0	0	16	22	23
20:00	0	0	0	0	0	1	4	2	1	0	0	0	0	0	8	23	25
21:00	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4	22	23
22:00	0	0	0	0	0	1	0	2	2	1	0	0	0	0	6	27	29
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
Total	14	0	0	1	6	28	54	35	3	1	0	0	0	0	142		
Percent	9.9%	0.0%	0.0%	0.7%	4.2%	19.7%	38.0%	24.6%	2.1%	0.7%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00				08:00	08:00	08:00	10:00							08:00		
Vol.	2				2	2	8	2							14		
PM Peak	14:00			14:00	13:00	14:00	13:00	19:00	22:00	22:00					19:00		
Vol.	3			1	1	5	6	7	2	1					16		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/30/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
07:00	1	0	0	0	0	2	2	0	0	1	0	0	0	0	6	27	29
08:00	1	0	0	0	1	3	3	1	1	0	0	0	0	0	10	22	25
09:00	1	0	0	0	0	2	1	6	0	0	0	0	0	0	10	23	23
10:00	0	0	0	0	0	1	1	1	1	1	0	0	0	0	5	27	29
11:00	2	0	0	0	1	1	4	3	0	0	0	0	0	0	11	22	23
12 PM	0	0	0	0	0	2	4	4	0	0	0	0	0	0	10	22	23
13:00	4	0	0	0	2	1	5	4	2	1	0	0	0	0	19	24	27
14:00	1	0	0	0	1	5	6	2	1	0	0	0	0	0	16	21	24
15:00	0	0	0	0	1	1	4	4	2	0	0	0	0	0	12	24	26
16:00	1	0	0	0	0	1	6	5	0	0	0	0	0	0	13	22	23
17:00	0	0	0	0	1	2	10	3	0	0	0	0	0	0	16	21	23
18:00	0	0	0	0	0	1	6	3	1	0	0	0	0	0	11	23	25
19:00	0	0	0	0	0	1	5	2	1	0	0	0	0	0	9	23	25
20:00	0	0	0	0	0	0	2	1	1	0	0	0	0	0	4	25	26
21:00	0	0	0	0	0	0	3	3	0	0	0	0	0	0	6	23	23
22:00	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3	25	26
23:00	1	0	0	0	0	2	2	0	0	0	0	0	0	0	5	19	20
Total	12	0	0	0	7	26	67	43	12	3	0	0	0	0	170		
Percent	7.1%	0.0%	0.0%	0.0%	4.1%	15.3%	39.4%	25.3%	7.1%	1.8%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00				08:00	08:00	11:00	09:00	05:00	07:00					11:00		
Vol.	2				1	3	4	6	1	1					11		
PM Peak	13:00				13:00	14:00	17:00	16:00	13:00	13:00					13:00		
Vol.	4				2	5	10	5	2	1					19		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/31/19	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	22	23
01:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
08:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3	20	20
09:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	25	26
10:00	2	0	0	0	1	2	5	4	0	0	0	0	0	0	14	22	23
11:00	0	0	0	0	0	3	3	4	0	0	0	0	0	0	10	22	23
12 PM	0	0	0	0	0	0	1	2	1	1	0	0	0	0	5	27	29
13:00	0	0	0	0	1	1	3	2	1	0	0	0	0	0	8	23	25
14:00	0	0	0	0	0	2	4	2	0	0	0	0	0	0	8	22	23
15:00	1	0	0	0	0	1	2	3	2	0	0	0	0	0	9	24	26
16:00	1	0	0	0	0	3	2	0	1	0	0	0	0	0	7	20	25
17:00	1	0	0	0	0	6	2	2	0	0	0	0	0	0	11	21	23
18:00	0	0	0	0	0	1	3	1	0	0	0	0	0	0	5	21	23
19:00	0	0	0	0	1	2	2	1	0	0	0	0	0	0	6	21	23
20:00	0	0	0	0	0	1	5	4	0	0	0	0	0	0	10	22	23
21:00	0	0	0	0	0	0	6	4	0	0	0	0	0	0	10	22	23
22:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
23:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
Total	5	0	0	0	3	23	46	35	7	1	0	0	0	0	120		
Percent	4.2%	0.0%	0.0%	0.0%	2.5%	19.2%	38.3%	29.2%	5.8%	0.8%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00				10:00	11:00	10:00	10:00	09:00						10:00		
Vol.	2				1	3	5	4	1						14		
PM Peak	15:00				13:00	17:00	21:00	20:00	15:00	12:00					17:00		
Vol.	1				1	6	6	4	2	1					11		
Grand Total	99	0	0	1	43	187	394	233	51	11	0	0	0	0	1019		
Percent	9.7%	0.0%	0.0%	0.1%	4.2%	18.4%	38.7%	22.9%	5.0%	1.1%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 15 MPH
 50th Percentile : 19 MPH
 85th Percentile : 22 MPH
 95th Percentile : 24 MPH

Statistics
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 831
 Percent in Pace : 81.6%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 19 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/25/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
05:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
08:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2
09:00	4	0	0	0	0	1	2	2	0	0	0	0	0	0	9	21	23
10:00	8	0	0	0	0	0	1	0	0	0	0	0	0	0	9	2	19
11:00	8	0	0	0	0	0	2	1	0	0	0	0	0	0	11	20	22
12 PM	10	0	0	0	0	0	1	0	0	0	0	0	0	0	11	2	19
13:00	8	0	0	0	0	0	1	1	0	0	0	0	0	0	10	19	22
14:00	6	0	0	0	0	1	0	1	0	0	0	0	0	0	8	17	22
15:00	9	0	0	0	0	0	0	1	0	0	0	0	0	0	10	2	22
16:00	8	0	0	0	0	0	0	0	0	1	0	0	0	0	9	2	28
17:00	6	0	0	0	0	0	2	1	1	0	0	0	0	0	10	22	25
18:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	2
19:00	2	0	0	0	0	0	1	0	0	0	0	0	0	0	3	19	20
20:00	5	0	0	0	0	1	0	0	0	0	0	0	0	0	6	15	17
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	87	0	0	0	0	3	10	7	1	1	0	0	0	0	109		
Percent	79.8%	0.0%	0.0%	0.0%	0.0%	2.8%	9.2%	6.4%	0.9%	0.9%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00					09:00	09:00	09:00							11:00		
Vol.	8					1	2	2							11		
PM Peak	12:00					14:00	17:00	13:00	17:00	16:00					12:00		
Vol.	10					1	2	1	1	1				11			

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/26/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
05:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
06:00	5	0	0	0	0	0	0	1	0	0	0	0	0	0	6	21	23
07:00	10	0	0	0	0	1	2	0	0	0	0	0	0	0	13	18	20
08:00	11	0	0	0	0	0	2	1	1	0	0	0	0	0	15	20	24
09:00	8	0	0	0	0	0	0	2	0	0	0	0	0	0	10	21	23
10:00	8	0	0	0	0	1	0	1	0	0	0	0	0	0	10	16	22
11:00	6	0	0	0	0	0	1	1	0	0	0	0	0	0	8	20	22
12 PM	9	0	0	0	0	0	0	1	0	0	0	0	0	0	10	2	22
13:00	6	0	0	0	0	1	0	0	0	0	0	0	0	0	7	2	16
14:00	9	0	0	0	0	0	2	0	1	0	0	0	0	0	12	19	25
15:00	7	0	0	0	0	0	1	0	0	1	0	0	0	0	9	19	28
16:00	12	0	0	0	0	0	0	1	0	0	0	0	0	0	13	2	22
17:00	4	0	0	0	0	0	2	1	0	0	0	0	0	0	7	20	22
18:00	10	0	0	0	0	0	1	0	0	0	0	0	0	0	11	2	19
19:00	2	0	0	0	0	0	0	0	0	0	1	0	0	0	3	31	32
20:00	6	0	0	0	0	0	1	0	0	0	0	0	0	0	7	2	19
21:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
22:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	117	0	0	0	1	3	13	10	2	1	1	0	0	0	148		
Percent	79.1%	0.0%	0.0%	0.0%	0.7%	2.0%	8.8%	6.8%	1.4%	0.7%	0.7%	0.0%	0.0%	0.0%			
AM Peak	08:00				04:00	07:00	07:00	09:00	08:00								08:00
Vol.	11				1	1	2	2	1								15
PM Peak	16:00					13:00	14:00	12:00	14:00	15:00	19:00						16:00
Vol.	12					1	2	1	1	1	1						13

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/27/19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	29	29
06:00	3	0	0	0	0	0	0	1	0	0	0	0	0	0	4	22	23
07:00	8	0	0	0	0	1	0	0	0	0	0	0	0	0	9	2	16
08:00	15	0	0	0	0	0	1	3	0	0	0	0	0	0	19	21	23
09:00	4	0	0	0	0	0	1	0	1	0	0	0	0	0	6	24	26
10:00	8	0	0	0	0	0	0	1	0	0	0	0	0	0	9	2	22
11:00	6	0	0	0	0	0	3	0	1	0	0	0	0	0	10	20	25
12 PM	5	0	0	0	1	0	1	0	1	0	0	0	0	0	8	20	25
13:00	10	0	0	0	1	0	0	2	0	0	0	0	0	0	13	21	23
14:00	4	0	0	0	0	0	1	0	1	0	1	0	0	0	7	26	31
15:00	11	0	0	0	0	3	0	1	0	0	0	0	0	0	15	16	21
16:00	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13	2	2
17:00	7	0	0	0	0	1	0	0	0	0	0	0	0	0	8	2	16
18:00	9	0	0	0	0	0	0	1	0	0	0	0	0	0	10	2	22
19:00	3	0	0	0	0	1	0	0	0	0	0	0	0	0	4	16	17
20:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2
21:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	114	0	0	0	2	6	7	10	4	2	1	0	0	0	146		
Percent	78.1%	0.0%	0.0%	0.0%	1.4%	4.1%	4.8%	6.8%	2.7%	1.4%	0.7%	0.0%	0.0%	0.0%			
AM Peak	08:00					07:00	11:00	08:00	09:00	03:00					08:00		
Vol.	15					1	3	3	1	1					19		
PM Peak	16:00				12:00	15:00	12:00	13:00	12:00		14:00				15:00		
Vol.	13				1	3	1	2	1		1				15		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/28/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2	26	26
06:00	2	0	0	0	0	0	1	2	0	0	0	0	0	0	5	22	23
07:00	8	0	0	0	0	1	0	1	0	0	0	0	0	0	10	16	22
08:00	15	0	0	0	0	0	1	4	0	0	0	0	0	0	20	21	23
09:00	9	0	0	0	0	0	2	4	1	0	0	0	0	0	16	22	24
10:00	5	0	0	0	0	0	1	0	0	0	0	0	0	0	6	18	20
11:00	6	0	0	0	0	0	2	0	0	0	0	0	0	0	8	19	20
12 PM	11	0	0	0	0	0	1	1	0	0	0	0	0	0	13	18	22
13:00	8	0	0	0	0	1	0	1	0	0	0	0	0	0	10	16	22
14:00	4	0	0	0	0	1	0	0	1	0	0	0	0	0	6	24	26
15:00	11	0	0	0	0	0	2	1	1	0	0	0	0	0	15	20	24
16:00	9	0	0	0	0	2	0	2	0	0	0	0	0	0	13	21	23
17:00	3	0	0	0	0	1	1	0	0	0	0	0	0	0	5	18	20
18:00	10	0	0	0	0	3	1	2	0	0	0	0	0	0	16	19	22
19:00	10	0	0	0	0	1	1	2	0	0	0	0	0	0	14	20	22
20:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2
21:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2	23	23
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	117	0	0	0	0	10	13	21	4	0	0	0	0	0	165		
Percent	70.9%	0.0%	0.0%	0.0%	0.0%	6.1%	7.9%	12.7%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00					07:00	09:00	08:00	05:00						08:00		
Vol.	15					1	2	4	1						20		
PM Peak	12:00					18:00	15:00	16:00	14:00						18:00		
Vol.	11					3	2	2	1						16		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/29/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
06:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2
07:00	12	0	0	0	1	4	2	2	0	0	0	0	0	0	21	19	22
08:00	8	0	0	0	0	0	1	2	0	0	0	0	0	0	11	21	23
09:00	9	0	0	0	0	0	3	0	0	0	0	0	0	0	12	19	20
10:00	8	0	0	0	0	0	2	0	1	0	0	0	0	0	11	20	25
11:00	2	0	0	0	0	0	1	1	0	0	0	0	0	0	4	22	23
12 PM	4	0	0	0	0	1	0	1	0	0	0	0	0	0	6	21	23
13:00	7	0	0	0	0	1	0	1	0	0	0	0	0	0	9	16	22
14:00	3	0	0	0	1	1	1	0	0	0	0	0	0	0	6	18	20
15:00	12	0	0	0	0	1	1	1	0	0	0	0	0	0	15	17	21
16:00	14	0	0	0	0	2	0	1	0	0	0	0	0	0	17	15	21
17:00	6	0	0	0	0	0	3	1	0	0	0	0	0	0	10	20	22
18:00	8	0	0	0	0	0	1	0	0	0	0	1	0	0	10	19	34
19:00	3	0	0	0	0	0	1	0	0	0	0	0	0	0	4	19	20
20:00	3	0	0	0	0	0	0	1	0	0	0	0	0	0	4	22	23
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
22:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	106	0	0	0	2	10	16	11	2	0	0	1	0	0	148		
Percent	71.6%	0.0%	0.0%	0.0%	1.4%	6.8%	10.8%	7.4%	1.4%	0.0%	0.0%	0.7%	0.0%	0.0%			
AM Peak	07:00				07:00	07:00	09:00	07:00	05:00						07:00		
Vol.	12				1	4	3	2	1						21		
PM Peak	16:00				14:00	16:00	17:00	12:00				18:00			16:00		
Vol.	14				1	2	3	1				1			17		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/30/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	2	0	0	0	0	0	0	0	1	0	0	0	0	0	3	25	26
06:00	3	0	0	0	0	1	0	1	0	0	0	0	0	0	5	21	23
07:00	10	0	0	0	0	0	0	1	0	0	0	0	0	0	11	2	22
08:00	15	0	0	0	0	0	1	2	0	0	0	0	0	0	18	18	22
09:00	5	0	0	0	0	1	3	3	0	1	0	0	0	0	13	23	28
10:00	8	0	0	0	0	0	2	0	0	0	0	0	0	0	10	18	20
11:00	8	0	0	0	0	0	6	0	0	0	0	0	0	0	14	19	20
12 PM	3	0	0	0	0	0	3	3	0	1	0	0	0	0	10	23	28
13:00	7	0	0	0	0	0	1	2	0	0	0	0	0	0	10	21	23
14:00	7	0	0	0	0	1	0	0	1	0	0	0	0	0	9	16	25
15:00	11	0	0	0	0	0	2	2	0	0	0	0	0	0	15	20	22
16:00	8	0	0	0	0	1	5	2	1	0	0	0	0	0	17	21	24
17:00	3	0	0	0	0	1	1	2	0	0	0	0	0	0	7	22	23
18:00	8	0	0	0	1	0	1	1	0	0	0	0	0	0	11	19	22
19:00	5	0	0	0	0	0	1	2	0	0	0	0	0	0	8	22	23
20:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
21:00	2	0	0	0	0	0	1	2	1	0	0	0	0	0	6	24	26
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
23:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
Total	110	0	0	0	1	5	28	23	4	2	0	0	0	0	173		
Percent	63.6%	0.0%	0.0%	0.0%	0.6%	2.9%	16.2%	13.3%	2.3%	1.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00					06:00	11:00	09:00	05:00	09:00					08:00		
Vol.	15					1	6	3	1	1					18		
PM Peak	15:00				18:00	14:00	16:00	12:00	14:00	12:00					16:00		
Vol.	11				1	1	5	3	1	1					17		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ILLIF WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192406
 Station ID: 192406

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/31/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	2
08:00	5	0	0	0	0	0	0	0	1	0	0	0	0	0	6	24	26
09:00	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	2	2
10:00	8	0	0	0	0	0	0	1	0	0	0	0	0	0	9	2	22
11:00	6	0	0	0	0	0	0	1	0	0	0	0	0	0	7	2	22
12 PM	6	0	0	0	0	0	1	1	0	0	0	0	0	0	8	20	22
13:00	6	0	0	0	0	0	1	2	0	0	0	0	0	0	9	21	23
14:00	5	0	0	0	1	1	1	0	1	0	0	0	0	0	9	19	25
15:00	4	0	0	0	0	1	4	0	1	0	0	0	0	0	10	20	25
16:00	2	0	0	0	0	1	2	1	0	0	0	0	0	0	6	21	23
17:00	5	0	0	0	0	1	2	0	0	0	0	0	0	0	8	19	20
18:00	3	0	0	0	0	0	0	0	1	0	0	0	0	0	4	25	26
19:00	6	0	0	0	1	0	1	0	0	0	0	0	0	0	8	14	19
20:00	4	0	0	0	0	0	1	2	0	0	0	0	0	0	7	22	23
21:00	4	0	0	0	0	0	1	2	0	1	0	0	0	0	8	23	28
22:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	82	0	0	0	2	4	14	11	4	1	0	0	0	0	118		
Percent	69.5%	0.0%	0.0%	0.0%	1.7%	3.4%	11.9%	9.3%	3.4%	0.8%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00							00:00	08:00						10:00		
Vol.	8							1	1						9		
PM Peak	12:00				14:00	14:00	15:00	13:00	14:00	21:00					15:00		
Vol.	6				1	1	4	2	1	1					10		
Grand Total	733	0	0	0	8	41	101	93	21	7	2	1	0	0	1007		
Percent	72.8%	0.0%	0.0%	0.0%	0.8%	4.1%	10.0%	9.2%	2.1%	0.7%	0.2%	0.1%	0.0%	0.0%			

15th Percentile : -1 MPH
 50th Percentile : 2 MPH
 85th Percentile : 20 MPH
 95th Percentile : 23 MPH

Statistics
 10 MPH Pace Speed : -1-8 MPH
 Number in Pace : 733
 Percent in Pace : 72.8%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 7 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/25/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	35	35
05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	20	20
09:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
10:00	2	0	0	0	0	0	0	0	1	0	2	0	0	0	5	31	32
11:00	0	0	0	0	0	1	0	5	1	0	0	0	0	0	7	23	25
12 PM	0	0	0	0	1	2	2	2	2	0	0	0	0	0	9	24	26
13:00	1	0	0	2	1	1	2	4	0	0	0	0	0	0	11	22	23
14:00	0	0	1	0	1	1	3	1	3	1	1	0	0	0	12	27	31
15:00	0	0	1	0	1	0	3	3	2	0	0	0	0	0	10	24	26
16:00	0	0	0	0	0	0	0	0	2	0	2	0	0	0	4	32	32
17:00	0	0	0	0	0	1	4	1	2	2	0	0	0	0	10	27	29
18:00	0	1	0	0	0	0	0	2	0	0	0	0	0	0	3	23	23
19:00	0	0	1	0	0	0	2	1	1	0	0	0	0	0	5	24	26
20:00	0	0	1	0	0	0	0	4	0	0	0	0	0	0	5	23	23
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
Total	3	1	4	2	5	6	17	25	14	5	5	1	0	0	88		
Percent	3.4%	1.1%	4.5%	2.3%	5.7%	6.8%	19.3%	28.4%	15.9%	5.7%	5.7%	1.1%	0.0%	0.0%			
AM Peak	10:00				08:00	11:00	08:00	11:00	10:00	05:00	10:00	04:00			11:00		
Vol.	2				1	1	1	5	1	1	2	1			7		
PM Peak	13:00	18:00	14:00	13:00	12:00	12:00	17:00	13:00	14:00	17:00	16:00				14:00		
Vol.	1	1	1	2	1	2	4	4	3	2	2				12		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/26/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	11	11
07:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
08:00	0	0	0	0	0	0	5	0	1	0	0	0	0	0	6	24	26
09:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	29	29
10:00	1	0	0	0	0	0	6	3	1	1	0	0	0	0	12	24	28
11:00	0	0	1	0	1	0	1	1	2	0	1	0	0	0	7	26	31
12 PM	0	0	0	0	1	2	0	0	2	0	0	0	0	0	5	25	26
13:00	0	0	0	2	1	0	2	2	1	0	0	0	0	0	8	23	25
14:00	0	0	0	0	0	0	2	2	4	1	0	0	0	0	9	26	28
15:00	0	0	0	0	0	0	1	3	2	0	1	0	0	0	7	26	31
16:00	0	0	0	0	0	0	6	3	1	1	1	0	0	0	12	27	31
17:00	0	0	0	0	0	0	0	5	3	1	1	0	0	0	10	28	31
18:00	0	0	0	0	0	1	1	2	5	2	0	1	0	0	12	28	34
19:00	0	0	1	0	0	2	2	1	4	0	0	0	0	0	10	25	26
20:00	0	0	1	0	0	1	2	3	3	0	0	0	0	0	10	25	26
21:00	0	0	0	0	1	1	0	0	1	0	0	0	0	0	3	25	26
22:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	1	0	3	3	4	7	31	26	31	7	4	1	0	0	118		
Percent	0.8%	0.0%	2.5%	2.5%	3.4%	5.9%	26.3%	22.0%	26.3%	5.9%	3.4%	0.8%	0.0%	0.0%			
AM Peak	10:00		11:00	06:00	11:00		10:00	10:00	11:00	09:00	11:00				10:00		
Vol.	1		1	1	1		6	3	2	1	1				12		
PM Peak			19:00	13:00	12:00	12:00	16:00	17:00	18:00	18:00	15:00	18:00			16:00		
Vol.			1	2	1	2	6	5	5	2	1	1			12		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/27/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	32	32
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	35	35
06:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
07:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
08:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	26	26
09:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
10:00	0	0	0	0	0	1	0	6	2	0	0	0	0	0	9	24	26
11:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	25	26
12 PM	0	0	0	0	0	1	1	1	3	1	0	0	0	0	7	26	28
13:00	0	0	0	0	0	0	4	1	3	0	0	0	0	0	8	25	26
14:00	0	0	0	0	1	0	1	4	0	0	0	0	0	0	6	23	23
15:00	0	0	0	0	1	1	1	3	1	0	0	0	0	0	7	23	25
16:00	0	0	0	0	1	1	2	3	4	0	0	0	0	0	11	25	26
17:00	0	0	0	0	0	1	1	2	2	2	1	0	0	0	9	29	31
18:00	0	0	0	0	0	2	2	5	2	4	1	0	0	0	16	28	30
19:00	0	0	1	0	0	1	0	1	1	0	0	0	0	0	4	25	26
20:00	0	0	0	0	0	0	3	3	1	1	0	0	0	0	8	26	28
21:00	0	0	0	0	1	0	0	0	3	0	0	0	0	0	4	26	26
22:00	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2	32	32
23:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
Total	0	0	1	0	5	9	17	33	25	8	4	1	0	0	103		
Percent	0.0%	0.0%	1.0%	0.0%	4.9%	8.7%	16.5%	32.0%	24.3%	7.8%	3.9%	1.0%	0.0%	0.0%			
AM Peak					06:00	07:00	11:00	10:00	10:00		03:00	05:00			10:00		
Vol.					1	1	1	6	2		1	1			9		
PM Peak			19:00		14:00	18:00	13:00	18:00	16:00	18:00	17:00				18:00		
Vol.			1		1	2	4	5	4	4	1				16		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/28/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	35	35
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
07:00	0	0	0	1	0	1	0	2	0	0	0	0	0	0	4	23	23
08:00	0	0	0	0	0	0	1	4	0	1	0	0	0	0	6	27	29
09:00	0	0	0	0	0	1	2	0	1	0	0	0	0	0	4	25	26
10:00	0	0	0	0	2	0	2	0	2	0	0	0	0	0	6	25	26
11:00	0	0	0	0	1	0	0	4	1	0	0	0	0	0	6	24	26
12 PM	1	0	0	0	0	0	1	3	1	1	0	0	1	0	8	29	37
13:00	0	0	0	0	0	0	0	1	2	2	1	0	0	0	6	30	32
14:00	0	0	0	1	0	1	1	1	1	1	0	0	0	0	6	27	29
15:00	0	0	0	1	1	0	1	4	5	0	0	0	0	0	12	25	26
16:00	1	0	0	0	0	1	1	6	2	3	1	0	0	0	15	28	30
17:00	0	0	0	0	0	1	2	0	4	2	1	0	0	0	10	29	31
18:00	1	0	0	1	0	0	0	4	2	0	0	0	0	0	8	25	26
19:00	0	0	0	0	0	2	4	1	1	0	0	0	0	0	8	23	25
20:00	0	0	0	0	1	1	3	2	3	1	0	0	0	0	11	26	28
21:00	0	0	0	1	1	0	1	1	2	0	0	0	0	0	6	25	26
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	3	0	0	5	6	9	19	33	27	11	3	1	1	0	118		
Percent	2.5%	0.0%	0.0%	4.2%	5.1%	7.6%	16.1%	28.0%	22.9%	9.3%	2.5%	0.8%	0.8%	0.0%			
AM Peak				07:00	10:00	06:00	09:00	08:00	10:00	08:00		05:00			08:00		
Vol.				1	2	1	2	4	2	1		1			6		
PM Peak	12:00			14:00	15:00	19:00	19:00	16:00	15:00	16:00	13:00		12:00		16:00		
Vol.	1			1	1	2	4	6	5	3	1		1		15		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/29/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	32	32
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
07:00	0	0	1	0	3	0	0	0	1	0	0	0	0	0	5	24	26
08:00	0	0	0	0	0	1	2	3	2	0	0	0	0	0	8	25	26
09:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	25	26
10:00	0	0	0	0	0	0	1	2	0	0	1	0	0	0	4	31	32
11:00	0	0	0	0	0	0	1	0	2	0	0	0	0	0	3	26	26
12 PM	0	0	0	0	1	0	0	4	1	0	0	0	0	0	6	24	26
13:00	0	0	0	0	1	0	0	3	2	1	0	0	0	0	7	26	28
14:00	1	0	0	0	0	2	1	3	3	0	0	0	0	0	10	25	26
15:00	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5	26	26
16:00	0	0	0	0	0	0	3	1	2	0	0	0	0	0	6	25	26
17:00	0	0	0	0	0	0	3	3	4	2	0	0	0	0	12	27	29
18:00	0	0	0	0	0	0	0	5	2	1	0	0	0	0	8	26	28
19:00	0	0	0	0	0	0	3	3	3	1	0	0	0	0	10	26	28
20:00	0	0	0	0	0	0	1	1	2	2	0	0	0	0	6	28	29
21:00	0	0	0	0	0	1	0	2	1	0	0	0	0	0	4	25	26
22:00	0	0	0	0	0	0	0	1	1	2	0	1	0	0	5	33	35
23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
Total	1	0	1	0	5	4	17	34	31	9	2	1	0	0	105		
Percent	1.0%	0.0%	1.0%	0.0%	4.8%	3.8%	16.2%	32.4%	29.5%	8.6%	1.9%	1.0%	0.0%	0.0%			
AM Peak			07:00		07:00	08:00	08:00	08:00	08:00		05:00				08:00		
Vol.			1		3	1	2	3	2		1				8		
PM Peak	14:00			12:00	14:00	16:00	18:00	17:00	17:00			22:00			17:00		
Vol.	1			1	2	3	5	4	2			1			12		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

EB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/30/19	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	35	35
06:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	20	20
07:00	0	0	0	0	0	0	3	1	0	0	0	1	0	0	5	33	35
08:00	0	0	0	0	0	0	1	1	1	1	0	0	0	0	4	28	29
09:00	2	0	0	0	0	0	3	1	1	1	0	0	0	0	8	26	28
10:00	0	0	0	0	0	0	0	1	1	1	0	1	0	0	4	34	35
11:00	0	0	0	0	2	0	1	2	2	1	0	0	0	0	8	26	28
12 PM	0	0	0	0	0	2	1	1	2	1	0	0	0	0	7	26	28
13:00	0	0	0	0	1	0	2	3	7	1	0	0	0	0	14	26	27
14:00	0	0	0	0	0	0	1	5	2	1	0	0	0	0	9	26	28
15:00	2	0	0	1	0	1	0	2	4	2	1	0	0	0	13	28	31
16:00	0	0	0	0	0	0	0	4	2	3	0	0	0	0	9	28	29
17:00	0	0	0	0	0	0	2	6	5	2	0	0	0	0	15	26	28
18:00	0	0	0	0	0	1	0	2	3	1	0	0	0	0	7	26	28
19:00	0	0	0	0	0	0	2	2	2	1	0	0	0	0	7	26	28
20:00	0	0	0	0	0	0	0	2	0	2	0	0	0	0	4	29	29
21:00	0	0	0	0	0	0	1	1	2	1	0	0	0	0	5	27	29
22:00	1	0	0	0	0	0	1	1	0	1	0	0	0	0	4	28	29
23:00	0	0	0	0	0	1	1	1	1	0	0	0	0	0	4	25	26
Total	6	0	0	1	3	5	20	36	35	21	1	3	0	0	131		
Percent	4.6%	0.0%	0.0%	0.8%	2.3%	3.8%	15.3%	27.5%	26.7%	16.0%	0.8%	2.3%	0.0%	0.0%			
AM Peak	09:00			11:00			07:00	11:00	11:00	00:00		05:00			09:00		
Vol.	2			2			3	2	2	1		1			8		
PM Peak	15:00			15:00	13:00	12:00	13:00	17:00	13:00	16:00	15:00				17:00		
Vol.	2			1	1	2	2	6	7	3	1				15		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/31/19	0	0	0	0	0	0	1	2	0	1	0	0	0	0	4	28	29
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	32	32
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
08:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
09:00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3	26	26
10:00	0	0	0	0	1	0	0	3	2	2	0	0	0	0	8	28	29
11:00	1	0	0	0	0	0	1	1	3	0	0	0	0	0	6	26	26
12 PM	0	0	0	0	1	0	0	1	4	1	1	0	0	0	8	29	31
13:00	0	0	0	0	0	0	0	3	0	0	1	0	0	0	4	31	32
14:00	0	0	0	0	0	0	0	2	3	2	0	0	0	0	7	28	29
15:00	0	0	0	1	0	0	1	2	1	1	0	0	0	0	6	27	29
16:00	0	0	0	0	0	0	1	0	2	0	1	0	0	0	4	31	32
17:00	1	0	0	0	0	1	3	1	3	0	0	0	0	0	9	25	26
18:00	0	0	0	0	0	0	1	1	1	1	0	0	0	0	4	28	29
19:00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3	26	26
20:00	0	0	0	0	0	1	1	4	0	2	0	0	0	0	8	28	29
21:00	0	0	0	0	0	1	0	8	0	1	0	0	0	0	10	23	28
22:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
23:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	26	26
Total	2	0	0	1	2	3	12	30	27	11	4	0	0	0	92		
Percent	2.2%	0.0%	0.0%	1.1%	2.2%	3.3%	13.0%	32.6%	29.3%	12.0%	4.3%	0.0%	0.0%	0.0%			
AM Peak	11:00				10:00		00:00	10:00	11:00	10:00	05:00				10:00		
Vol.	1				1		1	3	3	2	1				8		
PM Peak	17:00			15:00	12:00	17:00	17:00	21:00	12:00	14:00	12:00				21:00		
Vol.	1			1	1	1	3	8	4	2	1				10		
Grand Total	16	1	9	12	30	43	133	217	190	72	23	8	1	0	755		
Percent	2.1%	0.1%	1.2%	1.6%	4.0%	5.7%	17.6%	28.7%	25.2%	9.5%	3.0%	1.1%	0.1%	0.0%			

15th Percentile : 18 MPH
 50th Percentile : 22 MPH
 85th Percentile : 26 MPH
 95th Percentile : 29 MPH

Statistics
 10 MPH Pace Speed : 19-28 MPH
 Number in Pace : 564
 Percent in Pace : 74.7%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 23 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/25/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	20	20
09:00	0	0	0	1	0	0	0	4	2	0	0	0	0	0	7	25	26
10:00	1	0	0	0	0	0	2	4	1	0	0	0	0	0	8	23	25
11:00	0	0	0	0	0	2	2	1	1	0	0	0	0	0	6	24	26
12 PM	0	0	0	1	0	1	4	3	1	0	0	0	0	0	10	23	25
13:00	0	0	1	0	1	0	2	3	0	0	0	0	0	0	7	22	23
14:00	0	0	0	0	1	1	1	3	1	0	0	0	0	0	7	23	25
15:00	0	0	0	0	1	2	2	4	0	0	0	0	0	0	9	22	23
16:00	0	0	1	0	1	0	3	1	0	1	0	0	0	0	7	23	28
17:00	0	0	0	0	0	0	1	6	1	0	0	0	0	0	8	23	25
18:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
19:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
20:00	0	0	0	1	1	0	1	1	1	0	0	0	0	0	5	24	26
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	1	0	2	3	5	7	23	31	11	1	0	0	0	0	84		
Percent	1.2%	0.0%	2.4%	3.6%	6.0%	8.3%	27.4%	36.9%	13.1%	1.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00			09:00			11:00	08:00	09:00	09:00					10:00		
Vol.	1			1			2	3	4	2					8		
PM Peak			13:00	12:00	13:00	15:00	12:00	17:00	12:00	16:00					12:00		
Vol.			1	1	1	2	4	6	1	1					10		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/26/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	3	1	0	0	0	0	0	5	24	26
06:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
07:00	0	0	0	0	0	1	3	3	1	0	0	0	0	0	8	23	25
08:00	0	0	0	0	0	2	5	2	1	1	0	0	0	0	11	25	28
09:00	0	0	0	1	0	2	1	3	1	0	0	0	0	0	8	23	25
10:00	0	0	0	0	0	2	3	4	0	0	0	0	0	0	9	22	23
11:00	0	0	0	0	0	0	3	3	1	0	0	0	0	0	7	23	25
12 PM	0	0	0	0	1	0	3	3	0	0	0	0	0	0	7	22	23
13:00	0	0	0	0	0	0	3	2	1	0	0	0	0	0	6	24	26
14:00	0	0	0	0	0	0	3	2	1	1	0	0	0	0	7	26	28
15:00	0	0	0	0	0	0	5	0	1	1	1	0	0	0	8	29	31
16:00	0	0	0	0	0	1	6	1	0	1	0	0	0	0	9	22	28
17:00	0	0	0	0	1	0	1	3	1	0	0	0	0	0	6	24	26
18:00	0	0	0	0	0	0	6	4	1	0	0	0	0	0	11	23	25
19:00	0	0	0	0	0	0	1	1	0	0	1	0	0	0	3	31	32
20:00	1	0	0	0	1	2	0	1	0	0	0	0	0	0	5	21	23
21:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
22:00	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2	26	26
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	1	0	0	2	3	11	46	35	12	4	2	0	0	0	116		
Percent	0.9%	0.0%	0.0%	1.7%	2.6%	9.5%	39.7%	30.2%	10.3%	3.4%	1.7%	0.0%	0.0%	0.0%			
AM Peak				09:00		08:00	08:00	10:00	05:00	08:00					08:00		
Vol.				1		2	5	4	1	1					11		
PM Peak	20:00			22:00	12:00	20:00	16:00	18:00	13:00	14:00	15:00				18:00		
Vol.	1			1	1	2	6	4	1	1	1				11		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/27/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	29	29
06:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	25	26
07:00	0	0	0	0	0	1	1	5	0	0	0	0	0	0	7	23	23
08:00	0	0	0	0	0	0	8	3	1	0	0	0	0	0	12	23	25
09:00	0	0	0	0	0	0	2	1	1	0	0	0	0	0	4	25	26
10:00	0	0	0	0	1	0	0	3	3	0	0	0	0	0	7	25	26
11:00	0	0	0	0	0	2	2	1	3	0	0	0	0	0	8	25	26
12 PM	1	0	0	0	0	2	1	3	1	0	0	0	0	0	8	23	25
13:00	0	0	0	0	0	1	6	1	0	0	0	0	0	0	8	20	22
14:00	0	0	0	0	0	0	1	0	1	1	0	0	0	0	3	28	29
15:00	0	0	1	0	1	2	1	4	0	0	0	0	0	0	9	22	23
16:00	0	0	0	0	0	2	3	4	0	0	0	0	0	0	9	22	23
17:00	0	0	1	0	1	1	2	0	0	0	0	0	0	0	5	19	20
18:00	0	0	0	0	0	1	1	4	2	1	0	0	0	0	9	26	28
19:00	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3	20	20
20:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
21:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	2	0	2	0	4	13	32	33	14	3	0	0	0	0	103		
Percent	1.9%	0.0%	1.9%	0.0%	3.9%	12.6%	31.1%	32.0%	13.6%	2.9%	0.0%	0.0%	0.0%	0.0%			
AM Peak					10:00	11:00	08:00	07:00	10:00	05:00					08:00		
Vol.					1	2	8	5	3	1					12		
PM Peak	12:00		15:00		15:00	12:00	13:00	15:00	18:00	14:00					15:00		
Vol.	1		1		1	2	6	4	2	1					9		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/28/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
06:00	0	0	0	0	1	1	0	2	1	0	0	0	0	0	5	24	26
07:00	0	0	0	0	0	1	3	1	4	0	0	0	0	0	9	25	26
08:00	0	0	0	0	0	0	6	5	1	0	0	0	0	0	12	23	25
09:00	0	0	0	0	1	0	1	9	0	1	0	0	0	0	12	23	28
10:00	0	0	0	0	1	0	1	3	0	0	0	0	0	0	5	23	23
11:00	0	0	0	0	1	1	0	4	1	0	0	0	0	0	7	23	25
12 PM	1	0	0	0	0	2	3	2	0	0	0	0	0	0	8	22	23
13:00	0	0	0	1	0	0	0	4	2	0	0	0	0	0	7	25	26
14:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3	23	23
15:00	0	0	0	0	0	3	2	4	2	0	0	0	0	0	11	24	26
16:00	0	0	0	0	0	0	4	2	1	0	0	0	0	0	7	23	25
17:00	0	0	0	0	0	1	1	0	2	0	0	0	0	0	4	26	26
18:00	0	0	0	0	0	2	3	0	2	0	0	0	0	0	7	25	26
19:00	0	0	1	0	1	1	3	3	0	1	0	0	0	0	10	23	28
20:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
21:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	1	0	1	1	5	13	30	41	18	2	0	0	0	0	112		
Percent	0.9%	0.0%	0.9%	0.9%	4.5%	11.6%	26.8%	36.6%	16.1%	1.8%	0.0%	0.0%	0.0%	0.0%			
AM Peak					06:00	06:00	08:00	09:00	07:00	09:00					08:00		
Vol.					1	1	6	9	4	1					12		
PM Peak	12:00		19:00	13:00	19:00	15:00	16:00	13:00	13:00	19:00					15:00		
Vol.	1		1	1	1	3	4	4	2	1					11		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/29/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
06:00	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3	20	20
07:00	3	0	0	0	2	4	3	4	1	0	0	0	0	0	17	22	24
08:00	1	0	0	0	0	2	1	3	1	0	0	0	0	0	8	23	25
09:00	1	0	1	0	0	0	2	4	0	0	0	0	0	0	8	23	23
10:00	0	0	0	0	1	0	2	4	1	2	0	0	0	0	10	27	29
11:00	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4	22	23
12 PM	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	23	23
13:00	1	0	0	0	0	0	3	3	0	0	0	0	0	0	7	22	23
14:00	1	0	0	0	0	1	1	2	0	0	0	0	0	0	5	22	23
15:00	0	0	0	0	0	0	4	4	1	0	0	0	0	0	9	23	25
16:00	0	0	0	0	1	1	3	4	0	0	0	0	0	0	9	22	23
17:00	0	0	0	0	0	0	2	3	0	0	0	0	0	0	5	23	23
18:00	0	0	0	0	0	0	2	4	0	0	1	0	0	0	7	23	31
19:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
20:00	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	23	23
21:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
22:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	7	0	1	0	5	9	30	44	5	2	1	0	0	0	104		
Percent	6.7%	0.0%	1.0%	0.0%	4.8%	8.7%	28.8%	42.3%	4.8%	1.9%	1.0%	0.0%	0.0%	0.0%			
AM Peak	07:00		09:00		07:00	07:00	07:00	07:00	05:00	10:00					07:00		
Vol.	3		1		2	4	3	4	1	2					17		
PM Peak	13:00				16:00	14:00	15:00	15:00	15:00		18:00				15:00		
Vol.	1				1	1	4	4	1		1				9		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

WB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/30/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	1	0	0	0	0	1	0	2	1	0	0	0	0	0	5	24	26
06:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3	23	23
07:00	0	0	0	0	0	2	5	1	0	0	0	0	0	0	8	20	22
08:00	1	0	0	0	0	2	3	3	0	1	0	0	0	0	10	23	28
09:00	0	0	0	0	0	3	2	6	0	1	0	0	0	0	12	23	28
10:00	0	0	0	0	1	0	0	7	1	0	0	0	0	0	9	23	25
11:00	0	0	0	0	1	1	3	5	0	0	0	0	0	0	10	23	23
12 PM	0	0	0	1	0	0	3	2	0	0	1	0	0	0	7	23	31
13:00	0	0	0	0	0	1	1	2	1	0	0	0	0	0	5	24	26
14:00	0	0	0	0	0	1	1	3	1	0	0	0	0	0	6	24	26
15:00	0	0	0	0	0	1	1	6	0	1	0	0	0	0	9	23	28
16:00	0	0	0	0	0	0	5	6	1	0	0	0	0	0	12	23	25
17:00	0	0	0	0	0	0	1	3	1	0	0	0	0	0	5	24	26
18:00	0	0	0	0	0	2	3	3	0	0	0	0	0	0	8	22	23
19:00	0	0	0	0	1	1	3	2	0	0	0	0	0	0	7	22	23
20:00	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3	25	26
21:00	1	0	0	0	0	0	1	1	1	0	0	0	0	0	4	25	26
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	26	26
Total	3	0	0	1	3	17	34	55	9	3	1	0	0	0	126		
Percent	2.4%	0.0%	0.0%	0.8%	2.4%	13.5%	27.0%	43.7%	7.1%	2.4%	0.8%	0.0%	0.0%	0.0%			
AM Peak	05:00				10:00	09:00	07:00	10:00	05:00	08:00					09:00		
Vol.	1				1	3	5	7	1	1					12		
PM Peak	21:00			12:00	19:00	18:00	16:00	15:00	13:00	15:00	12:00				16:00		
Vol.	1			1	1	2	5	6	1	1	1				12		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O KARVAL PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 192404
 Station ID: 192404

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/31/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	1	0	0	0	0	0	1	1	1	0	0	0	0	0	4	25	26
08:00	1	0	0	0	0	0	2	1	0	0	0	0	0	0	4	22	23
09:00	0	0	0	0	0	0	2	3	1	0	0	0	0	0	6	24	26
10:00	0	0	1	0	0	1	3	4	0	0	0	0	0	0	9	22	23
11:00	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4	25	26
12 PM	0	0	0	0	0	1	1	3	1	1	0	0	0	0	7	26	28
13:00	0	0	0	0	0	0	3	3	1	0	0	0	0	0	7	23	25
14:00	0	0	0	0	0	1	0	3	2	0	0	0	0	0	6	25	26
15:00	0	0	1	0	0	0	3	3	0	1	0	0	0	0	8	23	28
16:00	0	0	0	0	0	2	0	0	1	0	0	0	0	0	3	25	26
17:00	0	0	0	0	0	1	2	2	0	0	0	0	0	0	5	22	23
18:00	0	0	0	0	0	0	1	3	0	0	0	0	0	0	4	23	23
19:00	0	0	0	0	0	2	2	1	0	0	0	0	0	0	5	21	23
20:00	0	0	0	0	0	1	1	2	1	0	0	0	0	0	5	24	26
21:00	0	0	0	0	0	0	4	3	1	0	0	0	0	0	8	23	25
22:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	2	0	2	0	0	10	28	35	10	2	0	0	0	0	89		
Percent	2.2%	0.0%	2.2%	0.0%	0.0%	11.2%	31.5%	39.3%	11.2%	2.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00		10:00			10:00	10:00	10:00	07:00						10:00		
Vol.	1		1			1	3	4	1						9		
PM Peak			15:00			16:00	21:00	12:00	14:00	12:00					15:00		
Vol.			1			2	4	3	2	1					8		
Grand Total	17	0	8	7	25	80	223	274	79	17	4	0	0	0	734		
Percent	2.3%	0.0%	1.1%	1.0%	3.4%	10.9%	30.4%	37.3%	10.8%	2.3%	0.5%	0.0%	0.0%	0.0%			

15th Percentile : 16 MPH
 50th Percentile : 21 MPH
 85th Percentile : 23 MPH
 95th Percentile : 26 MPH

Statistics
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 603
 Percent in Pace : 82.2%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 21 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191518
 Station ID: 191518

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
10/16/19	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
06:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
07:00	1	0	0	0	0	1	0	2	0	0	0	0	0	0	4
08:00	0	0	1	0	0	2	4	2	2	1	0	0	1	0	13
09:00	0	0	0	0	1	1	2	0	3	1	0	0	0	0	8
10:00	0	0	1	0	0	1	1	1	7	2	0	0	0	0	13
11:00	1	0	0	2	2	1	4	3	1	1	2	0	0	0	17
12 PM	1	0	0	0	4	0	4	3	3	0	0	0	0	0	15
13:00	1	0	0	3	4	0	4	2	2	0	0	0	0	0	16
14:00	2	0	1	8	4	3	2	8	3	0	0	0	0	0	31
15:00	6	0	0	8	3	2	4	5	5	2	2	0	0	0	37
16:00	2	0	0	5	7	3	4	4	5	0	0	0	0	0	30
17:00	4	0	2	3	6	3	8	4	1	1	0	0	0	0	32
18:00	3	0	0	3	6	2	10	3	1	1	0	0	0	0	29
19:00	0	0	0	1	0	0	4	3	7	3	2	0	0	0	20
20:00	0	0	1	0	0	1	1	11	4	0	1	1	0	0	20
21:00	0	0	0	1	0	1	1	3	1	0	0	0	0	0	7
22:00	2	0	0	0	2	0	2	1	1	0	0	0	0	0	8
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Total	23	0	6	34	40	21	55	58	49	12	7	1	1	0	307

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191518
 Station ID: 191518

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
10/17/19	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
06:00	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
07:00	2	0	0	0	1	0	0	3	1	0	0	0	0	0	7
08:00	1	0	0	0	1	4	5	4	1	1	0	0	0	0	17
09:00	1	0	0	0	1	1	0	2	0	0	0	0	0	0	5
10:00	0	0	0	0	3	1	2	0	0	0	0	0	0	0	6
11:00	1	0	0	2	1	7	3	5	0	0	1	0	0	0	20
12 PM	0	0	0	7	0	4	6	3	1	0	0	1	0	0	22
13:00	1	0	0	6	1	0	1	6	1	0	0	0	0	0	16
14:00	2	0	1	8	2	3	2	3	2	1	1	0	0	0	25
15:00	4	0	2	12	10	7	5	5	7	0	0	1	0	0	53
16:00	3	0	0	7	6	3	8	5	2	1	0	0	0	0	35
17:00	0	0	0	10	3	3	6	11	6	3	1	0	2	0	45
18:00	1	0	0	1	2	1	2	8	7	0	0	1	0	0	23
19:00	0	0	0	1	1	0	1	10	3	1	1	0	0	0	18
20:00	0	0	0	0	1	0	3	3	3	2	1	0	0	0	13
21:00	1	0	0	0	0	1	1	3	0	0	0	0	0	0	6
22:00	0	0	0	0	0	0	2	0	1	0	0	0	0	1	4
23:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Total	17	0	4	54	33	36	48	71	36	9	6	3	2	1	320
Grand Total	40	0	10	88	73	57	103	129	85	21	13	4	3	1	627

15th Percentile : 10 MPH
 50th Percentile : 19 MPH
 85th Percentile : 25 MPH
 95th Percentile : 28 MPH

Statistics Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 336
 Percent in Pace : 53.7%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191518
 Station ID: 191518

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	999	Total
10/16/19	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	2	1	2	1	0	0	0	0	0	0	6
06:00	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0	4
07:00	0	0	1	1	1	2	6	5	2	0	2	0	0	0	0	20
08:00	3	0	0	1	2	2	9	8	1	2	1	0	0	0	0	29
09:00	1	0	0	1	3	3	7	7	2	2	0	0	0	0	0	26
10:00	1	0	0	0	0	0	2	4	3	5	0	0	0	0	0	15
11:00	2	0	0	0	0	0	4	7	1	1	0	0	0	0	0	15
12 PM	5	0	0	0	1	2	4	3	0	1	0	0	0	0	0	16
13:00	0	0	0	0	0	0	2	3	3	2	0	0	0	0	0	10
14:00	4	0	0	1	3	2	4	4	1	0	0	0	0	0	0	19
15:00	5	0	0	1	0	2	3	7	5	0	0	1	0	0	0	24
16:00	2	0	0	1	1	4	6	0	3	0	0	0	0	0	0	17
17:00	1	0	0	1	1	4	7	2	0	0	0	0	0	0	0	16
18:00	3	0	1	3	2	2	3	5	1	0	0	0	0	0	0	20
19:00	1	0	0	1	1	1	3	3	1	0	1	0	0	0	0	12
20:00	2	0	0	1	0	0	2	2	3	0	0	0	0	0	0	10
21:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
22:00	1	0	0	0	0	0	1	1	2	0	0	0	0	0	0	5
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	31	0	2	12	15	26	68	67	29	14	4	1	0	0	0	269

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN AVE W/O ROGGEN WAY
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191518
 Station ID: 191518

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
10/17/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	1	1	1	0	2	0	1	0	0	0	0	6
06:00	0	0	0	0	1	0	4	1	1	1	0	0	0	0	8
07:00	1	0	0	0	0	1	3	6	2	1	0	0	0	0	14
08:00	5	0	1	1	0	5	10	9	9	1	3	0	0	0	44
09:00	0	0	0	1	0	3	2	3	1	0	0	0	0	0	10
10:00	0	0	0	0	1	2	2	4	2	0	0	0	0	0	11
11:00	2	0	0	2	1	2	5	4	0	0	0	0	0	0	16
12 PM	2	0	0	0	1	0	7	4	2	1	1	1	0	0	19
13:00	0	0	1	0	0	0	1	1	1	0	0	0	0	0	4
14:00	4	0	0	0	0	0	6	7	1	1	0	0	0	0	19
15:00	2	0	0	0	1	5	4	7	1	3	0	0	0	0	23
16:00	3	0	0	0	2	3	9	10	4	2	0	0	0	0	33
17:00	7	0	0	0	0	3	5	3	1	1	2	0	0	0	22
18:00	5	0	0	0	0	0	4	5	5	2	0	0	0	0	21
19:00	2	0	0	0	1	0	2	1	0	1	0	0	0	0	7
20:00	4	0	0	0	0	0	2	2	3	1	0	0	0	0	12
21:00	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	37	0	2	5	9	25	66	71	34	16	6	1	0	0	272
Grand Total	68	0	4	17	24	51	134	138	63	30	10	2	0	0	541

15th Percentile : 10 MPH
 50th Percentile : 20 MPH
 85th Percentile : 25 MPH
 95th Percentile : 28 MPH

Statistics Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 352
 Percent in Pace : 65.1%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN WAY W-O KARVAL PLACE
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191514
 Station ID: 191514

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	999	Total
10/16/19	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
06:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
07:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
08:00	0	0	0	1	1	3	1	0	0	0	0	0	0	0	0	6
09:00	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3
10:00	0	0	0	0	0	0	3	3	1	1	0	0	0	0	0	8
11:00	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	4
12 PM	1	0	0	0	0	1	2	3	0	1	0	0	0	0	0	8
13:00	2	0	0	0	1	0	1	1	0	0	0	0	0	0	0	5
14:00	0	0	0	0	1	2	3	3	2	0	0	0	0	0	0	11
15:00	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	6
16:00	0	0	0	0	1	2	2	3	1	1	0	0	0	0	0	10
17:00	0	0	0	0	0	0	2	5	1	0	0	0	0	0	0	8
18:00	0	0	0	1	0	1	2	5	0	1	0	0	0	0	0	10
19:00	0	0	0	0	2	1	1	1	2	0	0	0	0	0	0	7
20:00	0	0	0	0	0	1	3	3	1	1	0	0	0	0	0	9
21:00	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	5
22:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	0	0	2	9	17	27	30	10	8	1	0	0	0	0	109

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN WAY W-O KARVAL PLACE
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191514
 Station ID: 191514

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
10/17/19	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
07:00	1	0	0	0	0	0	1	1	0	0	0	0	0	0	3
08:00	0	0	0	0	0	1	4	1	0	1	1	0	0	0	8
09:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
10:00	0	0	1	1	0	1	0	1	0	0	0	0	0	0	4
11:00	0	0	0	0	0	0	2	2	1	1	0	0	0	0	6
12 PM	0	0	0	0	1	0	2	4	0	0	0	0	1	0	8
13:00	0	0	0	1	0	0	1	1	0	1	0	0	0	0	4
14:00	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4
15:00	0	0	0	0	0	4	8	2	1	1	0	0	0	0	16
16:00	0	0	0	1	0	1	1	4	2	0	0	0	0	0	9
17:00	0	0	0	0	0	2	4	5	0	0	0	0	0	0	11
18:00	0	0	0	0	1	0	1	3	2	0	1	0	0	0	8
19:00	0	0	0	0	1	0	3	5	0	1	0	0	0	0	10
20:00	0	0	0	0	0	0	2	2	2	0	0	0	0	0	6
21:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
22:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	3	3	13	33	33	8	6	2	1	1	0	105
Grand Total	6	0	1	5	12	30	60	63	18	14	3	1	1	0	214

15th Percentile : 15 MPH
 50th Percentile : 20 MPH
 85th Percentile : 24 MPH
 95th Percentile : 28 MPH

Statistics
 Mean Speed(Average) : 21 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 159
 Percent in Pace : 74.3%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN WAY W-O KARVAL PLACE
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191514
 Station ID: 191514

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
10/16/19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	0	0	0	0	0	1	1	0	0	0	0	0	3
06:00	2	0	0	0	0	0	2	1	0	0	0	0	0	0	5
07:00	1	0	0	0	2	1	3	3	0	0	0	1	0	0	11
08:00	0	0	0	0	1	2	3	3	2	0	0	0	0	0	11
09:00	1	0	0	0	0	1	4	2	2	0	0	0	0	0	10
10:00	1	0	0	0	0	0	0	5	2	0	0	0	0	0	8
11:00	1	0	0	0	2	1	1	1	2	0	1	0	0	0	9
12 PM	0	0	0	0	1	3	0	2	0	0	0	0	0	0	6
13:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
14:00	1	0	0	0	0	2	2	3	1	0	0	0	0	0	9
15:00	0	0	0	0	3	1	2	4	0	0	0	0	0	0	10
16:00	1	0	0	0	2	1	2	1	1	0	0	0	0	0	8
17:00	0	0	0	0	1	0	1	1	1	0	0	0	0	0	4
18:00	0	0	0	0	1	1	1	2	3	0	0	0	0	0	8
19:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
20:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
21:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
22:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9	0	0	0	13	16	27	30	17	1	1	1	0	0	115

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: PITKIN WAY W-O KARVAL PLACE
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191514
 Station ID: 191514

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
10/17/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2
06:00	1	0	0	0	0	0	1	1	2	0	0	0	0	0	5
07:00	1	0	0	0	0	1	5	1	1	0	0	0	0	0	9
08:00	0	0	0	0	1	1	3	7	2	1	1	0	0	0	16
09:00	0	0	0	0	0	2	0	2	2	0	0	0	0	0	6
10:00	0	0	0	0	1	0	1	2	0	0	0	0	0	0	4
11:00	0	0	0	0	1	1	3	2	0	0	0	0	0	0	7
12 PM	0	0	0	0	1	0	1	2	0	0	1	0	0	0	5
13:00	1	0	0	0	0	1	1	0	1	0	0	0	0	0	4
14:00	1	0	0	0	0	0	4	1	0	0	0	0	0	0	6
15:00	0	0	0	0	2	0	5	3	1	1	0	0	0	0	12
16:00	0	0	0	0	0	0	6	6	1	0	0	0	0	0	13
17:00	0	0	0	0	0	3	1	0	1	0	0	0	0	0	5
18:00	1	0	0	0	0	1	2	0	1	1	0	0	0	0	6
19:00	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3
20:00	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
21:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	0	0	0	6	11	35	29	14	3	4	0	0	0	107
Grand Total	14	0	0	0	19	27	62	59	31	4	5	1	0	0	222

15th Percentile : 15 MPH
 50th Percentile : 20 MPH
 85th Percentile : 24 MPH
 95th Percentile : 26 MPH

Statistics Mean Speed(Average) : 20 MPH
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 161
 Percent in Pace : 72.5%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%



Memorandum

TO: Transportation & Safety Committee
FROM: Alex Ariniello, Public Works & Utilities Director
DATE: December 2, 2019
RE: Torreys Peak Drive Traffic Calming Request

Background

Town Staff received a Neighborhood Traffic Calming Program (NTCP) Application from the 2800 block of Torreys Peak Drive neighborhood in September, 2019. Staff had traffic volume and speed counts taken at two locations in early November with the results summarized in the attached spreadsheet.

Step 2 of the NTCP guidelines provides for data collection which is summarized for the Torreys Peak neighborhood below:

Traffic speed:

	85 th Percentile Speed (% Exceeding 25 MPH)	
	<u>Eastbound</u>	<u>Westbound</u>
• Topaz Street	23 MPH (12%)	25 MPH (24%)
• Torreys Peak Drive	25 MPH (22%)	25 MPH (21%)

Traffic volume:

- Topaz Street 432 VPD
- Torreys Peak Drive 765 VPD

Accident history: 2011-2018 Accidents

- Topaz Street 1
- Torreys Peak Drive 3

Amount of cut through traffic:

- Topaz Street Minimal
- Torreys Peak Drive 300 to 400 VPD of cut through traffic

Presence of school crossings:

- Topaz Street: There are no designated crosswalks
- Torreys Peak Drive: There are striped crosswalks at Indiana Street, Rock Creek Circle and at the trail crossing east of Jade Ct.

Presence of nearby pedestrian generators:

- Eldorado K-8 School is located about ½ mile to the southwest
- Wildflower Park is located about ¼ mile to the west
- Community Park/Safeway Shopping Center is located ½ mile to the northeast

Number of affected households:

	<u>With Back out Driveways</u>	<u>Others Affected</u>
• Topaz Street	29	53
• Torreys Peak Drive	47	8

Street Width

- Topaz Street - 32 ft. flowline to flowline plus 4½ ft attached walks
- Torreys Peak Drive - 32 ft. flowline to flowline plus 4½ ft attached walks

NTCP Eligibility Criteria

Traffic-calming measures will only be applied in areas where the 85th percentile speed exceeds the posted limit by more than 5 mph, **and** where the volume of traffic exceeds 500 vehicles per day.

- Topaz Street does not meet speed or volume threshold
- Torreys Peak Drive does not meet speed threshold but exceeds volume threshold

Superior Street Design Standards

Since 2003 the Town’s Street Design Standards have included guidelines for “identifying streets that may be candidates for traffic calming measures, traffic volume and unimpeded street length should be considered. Unimpeded street length is the distance between speed impediments, i.e. stop signs, traffic signals, sharp turns, cul-de-sacs, etc. Streets that generally will require implementation of traffic calming measures are listed in Table 1.8 along with minimum criteria to qualify for Traffic Calming.

**TABLE 1.8
MINIMUM CRITERIA FOR TRAFFIC CALMING**

Classification	Unimpeded Street Length	Traffic Volume
Local Street	> 1,200 feet	< 500 vpd
Local Street	> 900 feet	500 – 2,000 vpd
Minor Collector	> 900 feet	> 2,000 vpd

vpd = vehicles per day

The unimpeded length of Topaz Street is 1,570 ft while that of Torreys Peak Drive is 2,330 ft. Each street has several curves but they all have design speeds in the 30 to 35 mph range. Both these streets exceed the unimpeded length criteria.

Attachments

- NTCP Application
- Traffic Volume & Speed Data Summary
- Traffic Volume & Speed Data Files



Appendix A: Neighborhood Traffic-Calming Program Application

I and the undersigned Town of Superior residents would like to participate in the Neighborhood Traffic-Calming Program (NTCP) to address a traffic concern in our community. We understand that this process may require our involvement in joint decision-making with other residents and Town staff and attendance at neighborhood meetings.

Name of Applicant: Judi Schreyer Date: 4/2/19

Applicant's Address: 2749 N. Torreys Peak Dr.

Preferred method of contact: home phone cell phone email judim19@yahoo

Name of neighborhood or homeowners association: Rock Creek

Please indicate the type of traffic problem involved (check as many as apply):

- speeding
- traffic volume
- parking
- other
- accidents
- pedestrian/bicycle safety
- cut-through traffic

Please describe the nature & location of the traffic problem, including the overall area affected, times of day or conditions under which it is worse, and the resulting effects of the traffic problem:
There is an issue with traffic speed as commuters use N. Torreys Peak between Indiana + Rock Creek circle. Traffic speed affects the safety of children playing along N. Torreys Peak after school + on weekends as =>

Please provide the signatures of at least 5 additional residents (1 per household) on the affected street:

Printed Name	Address	Phone #	Signature
1. <u>ANDREW POMPER</u>	<u>2802 N. TORREYS PEAK</u>	<u>3035578880</u>	<u>[Signature]</u>
2. <u>Alissa chute</u>	<u>2812 N Torreys Peak DR</u>	<u>207 409 6867</u>	<u>[Signature]</u>
3. <u>Brian + Beth Quisenberry</u>	<u>2950 N. Torreys</u>	<u>720-771-0475</u>	<u>[Signature]</u>
4. <u>Carolyn + Mike Green</u>	<u>2151 N. Torreys</u>	<u>303 728 5500</u>	<u>[Signature]</u>
5. <u>Grady + Jamie Arnold</u>	<u>2724 N. Torreys</u>	<u>307-421-2607</u>	<u>[Signature]</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

Well as the issue of pedestrian + crosswalk safety during school start + end of day.

Appendix A: Neighborhood Traffic-Calming Program Application

I and the undersigned Town of Superior residents would like to petition for the implementation of Traffic-Calming Program (TCP) in order to address a traffic safety issue in our community. We understand that the program may require an investment in traffic-calming measures. The benefits of TCP will be realized through the reduction of neighborhood speeding.

Name of Applicant: Julie Schaefer

Applicant's Address: 644 N. Lincoln Park Dr

Please check the type of traffic problem in the table as they apply:

Name of neighborhood or business: Lincoln Park

Please indicate the type of traffic problem in the table as they apply:

- speeding
- excessive traffic volume
- on through traffic
- other

Please describe the nature & location of the traffic problem, including the street and affected area of use or condition under which it is worse, and the reason for the traffic problem. There is an issue with traffic speed of cars in the area. It takes less time to travel through the area. This is a safety issue for children and pedestrians. The traffic speed affects the safety of children and pedestrians.

Please provide the signatures of at least 2 additional residents (per household) on the affected street.

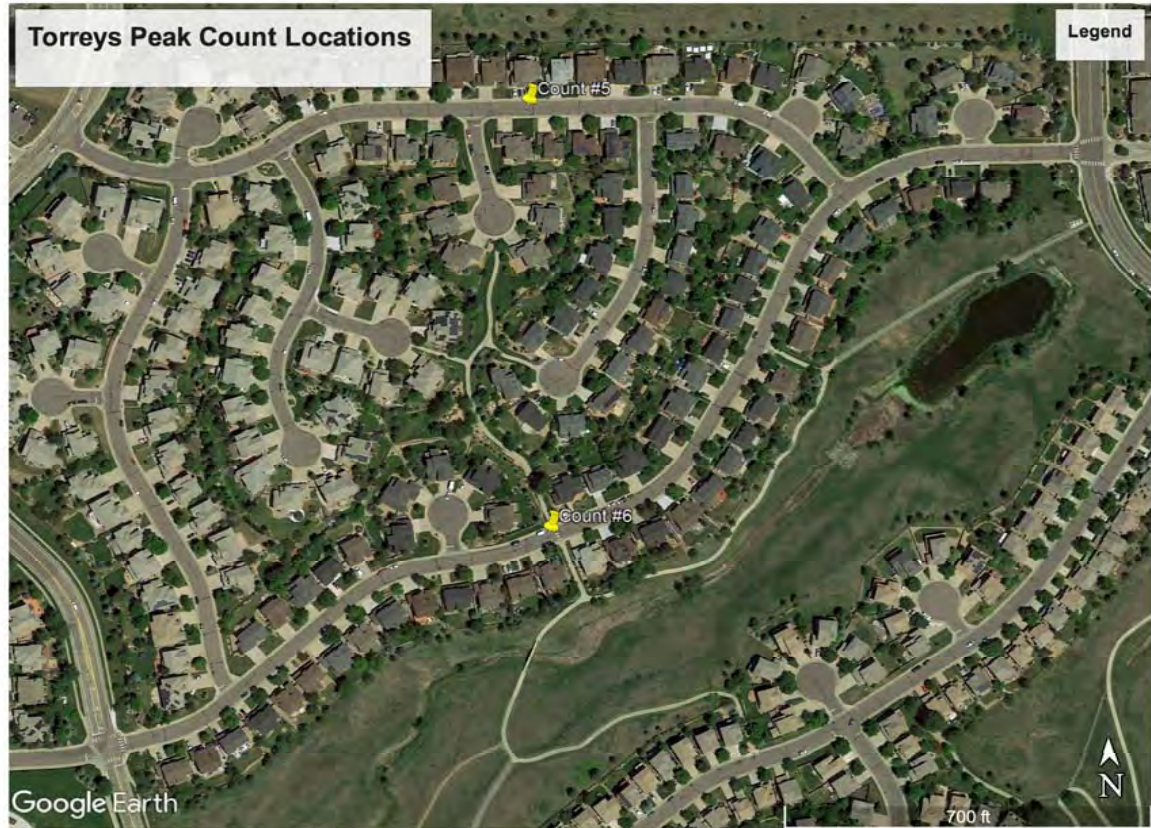
Printed Name: _____
Address: _____
Signature: _____

#5: Topaz east of Limestone

	Eastbound	Westbound
5-Nov	263	194
6-Nov	243	167
7-Nov	256	173
Directional Average	254	178
ADT Total Both Directions	432	
85th Percentile Speed	23 MPH	25 MPH
Top Speed	33 MPH	40 MPH
Number of vehicles over 25 MPH	95	128
% of vehicles over 25 MPH	12%	24%

#6: Torreys Peak east of Jade

	Eastbound	Westbound
5-Nov	332	419
6-Nov	308	391
7-Nov	356	490
Directional Average	332	433
ADT Total Both Directions	765	
85th Percentile Speed	25 MPH	25 MPH
Top Speed	36 MPH	36 MPH
Number of vehicles over 25 MPH	221	276
% of vehicles over 25 MPH	22%	21%



COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: TOPAZ ST E/O LIMESTONE PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 190416
 Station ID: 190416

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	999	Total
11/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
07:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
08:00	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	5
09:00	2	0	1	0	0	1	0	6	4	0	0	0	0	0	0	14
10:00	4	0	0	1	1	0	5	4	2	1	2	0	0	0	0	20
11:00	1	0	0	0	0	4	1	6	1	0	0	0	0	0	0	13
12 PM	1	0	0	1	1	4	2	5	1	0	0	0	0	0	0	15
13:00	5	0	0	0	1	6	1	5	0	2	0	0	0	0	0	20
14:00	7	0	0	0	1	1	4	2	4	1	0	0	0	0	0	20
15:00	5	0	0	0	2	0	3	3	1	0	0	0	0	0	0	14
16:00	6	0	0	2	1	5	6	2	0	0	0	0	0	0	0	22
17:00	5	0	0	0	1	4	4	3	0	1	0	0	0	0	0	18
18:00	11	0	0	0	1	4	5	3	2	0	0	0	0	0	0	26
19:00	10	0	0	1	1	2	7	5	1	1	0	0	0	0	0	28
20:00	5	0	0	0	1	0	5	4	0	0	0	0	0	0	0	15
21:00	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	5
22:00	8	0	0	0	0	5	2	3	0	0	0	0	0	0	0	18
23:00	3	0	0	0	0	2	1	1	0	0	0	0	0	0	0	7
Total	75	0	1	5	11	39	51	54	18	7	2	0	0	0	0	263

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: TOPAZ ST E/O LIMESTONE PL
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 190416
 Station ID: 190416

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/06/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
08:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00	8	0	0	0	1	2	1	2	3	1	0	0	0	0	18
10:00	5	0	0	0	2	1	3	6	3	0	1	0	0	0	21
11:00	5	0	0	0	2	2	5	1	3	0	0	0	0	0	18
12 PM	2	0	0	1	0	4	1	1	0	0	0	0	0	0	9
13:00	4	0	0	0	2	2	2	3	1	1	0	0	0	0	15
14:00	6	0	0	1	0	0	2	2	0	0	0	0	0	0	11
15:00	6	0	0	0	0	3	3	1	0	0	0	0	0	0	13
16:00	5	0	0	0	1	2	3	2	1	0	1	0	0	0	15
17:00	8	0	0	0	2	4	3	1	2	1	0	0	0	0	21
18:00	9	0	0	0	0	0	6	3	4	0	0	0	0	0	22
19:00	9	0	0	0	0	2	2	5	4	0	0	0	0	0	22
20:00	9	0	0	1	3	2	4	9	1	0	0	0	0	0	29
21:00	5	0	0	0	1	1	4	2	0	0	0	0	0	0	13
22:00	3	0	0	0	0	3	1	0	0	0	0	0	0	0	7
23:00	0	0	0	0	0	1	0	2	0	0	0	0	0	0	3
Total	86	0	0	3	14	29	42	41	23	3	2	0	0	0	243

COUNTER MEASURES INC.
1889 YORK STREET
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303-333-7409

Location: TOPAZ ST E/O LIMESTONE PL
 City: SUPERIOR
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 Direction: EASTBOUND-WESTBOUND

Site Code: 190416
 Station ID: 190416

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	2	0	0	0	0	0	2	0	0	0	0	0	0	0	4
08:00	2	0	0	0	0	0	0	1	0	0	0	0	0	0	3
09:00	6	0	0	0	1	1	2	2	2	0	0	0	0	0	14
10:00	8	0	0	1	1	3	1	5	4	1	0	0	0	0	24
11:00	6	0	0	0	1	2	4	2	2	1	0	0	0	0	18
12 PM	2	0	0	1	0	3	1	1	0	0	0	0	0	0	8
13:00	6	0	0	0	0	1	3	2	2	0	0	0	0	0	14
14:00	10	0	0	0	1	4	3	6	3	1	0	0	0	0	28
15:00	3	0	0	1	0	1	3	1	1	1	1	0	0	0	12
16:00	4	0	0	1	2	2	3	2	1	0	1	0	0	0	16
17:00	7	0	0	0	1	3	7	5	1	1	0	0	0	0	25
18:00	9	0	0	0	0	3	4	7	1	0	0	0	0	0	24
19:00	5	0	0	0	0	1	3	6	4	2	0	0	0	0	21
20:00	3	0	0	0	0	1	5	3	3	0	1	0	0	0	16
21:00	3	0	0	0	0	2	5	0	1	1	0	0	0	0	12
22:00	3	0	0	0	1	1	3	0	1	1	0	0	0	0	10
23:00	0	0	0	0	0	0	2	0	1	0	0	0	0	0	3
Total	81	0	0	4	8	28	52	43	27	10	3	0	0	0	256
Grand Total	242	0	1	12	33	96	145	138	68	20	7	0	0	0	762

15th Percentile : 1 MPH
 50th Percentile : 17 MPH
 85th Percentile : 23 MPH
 95th Percentile : 26 MPH

Statistics Mean Speed(Average) : 15 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 402
 Percent in Pace : 52.8%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

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Location: TOPAZ ST E/O LIMESTONE PL
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 Direction: EASTBOUND-WESTBOUND

Site Code: 190416
 Station ID: 190416

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/05/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
08:00	0	0	0	0	0	1	0	1	2	1	0	0	0	0	5
09:00	0	0	0	0	1	1	6	7	5	0	0	0	0	0	20
10:00	2	0	0	0	0	5	5	3	3	3	0	1	0	0	22
11:00	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6
12 PM	2	0	0	0	2	1	3	1	1	0	0	0	0	0	10
13:00	3	0	0	0	0	5	3	5	4	0	0	0	0	0	20
14:00	2	0	0	0	0	2	1	0	2	0	0	0	1	0	8
15:00	2	0	0	0	2	2	0	6	2	0	0	0	0	1	15
16:00	0	0	0	1	0	1	4	0	0	0	0	0	0	0	6
17:00	1	0	0	0	2	1	4	3	0	1	0	0	0	0	12
18:00	2	0	0	0	0	1	1	4	3	1	0	0	0	1	13
19:00	6	0	0	1	2	5	7	5	1	1	0	0	0	0	28
20:00	2	0	0	0	0	4	1	0	3	1	0	0	0	0	11
21:00	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3
22:00	0	0	0	0	0	0	4	0	0	1	0	0	0	0	5
23:00	0	0	0	0	0	2	2	0	0	1	0	0	0	0	5
Total	23	0	0	2	9	33	44	40	29	10	0	1	1	2	194

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Location: TOPAZ ST E/O LIMESTONE PL
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 Direction: EASTBOUND-WESTBOUND

Site Code: 190416
 Station ID: 190416

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/06/19	0	0	0	0	0	1	1	0	0	1	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	1	3	6	1	1	0	0	0	0	12
10:00	2	0	0	0	1	4	3	3	1	1	0	0	0	0	15
11:00	1	0	0	0	0	2	1	1	0	2	0	0	0	0	7
12 PM	0	0	0	1	1	1	1	5	1	0	0	0	0	0	10
13:00	1	0	0	0	0	1	1	3	0	1	0	0	0	0	7
14:00	0	0	0	0	1	6	2	0	0	0	0	0	0	0	9
15:00	0	0	0	0	0	0	4	0	1	0	0	0	0	0	5
16:00	0	1	0	0	0	2	0	5	2	0	0	0	0	0	10
17:00	1	0	0	1	0	2	3	2	2	2	0	0	0	0	13
18:00	1	0	0	0	0	8	2	4	7	0	0	0	0	0	22
19:00	1	0	0	0	0	2	6	7	1	0	0	0	0	0	17
20:00	0	0	0	0	0	3	6	5	1	1	0	1	0	0	17
21:00	2	0	0	0	0	1	0	4	0	0	0	0	0	0	7
22:00	0	0	0	0	0	0	1	1	2	1	0	0	1	0	6
23:00	1	0	0	0	0	1	1	0	0	0	0	0	0	0	3
Total	10	1	0	2	3	37	36	46	19	10	1	1	1	0	167

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1889 YORK STREET
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Location: TOPAZ ST E/O LIMESTONE PL
 City: SUPERIOR
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 Direction: EASTBOUND-WESTBOUND

Site Code: 190416
 Station ID: 190416

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
08:00	0	0	0	0	0	1	1	0	0	1	0	0	0	0	3
09:00	1	0	0	0	2	2	2	1	0	1	0	0	0	0	9
10:00	1	0	0	0	1	5	3	4	5	2	0	0	0	0	21
11:00	0	0	0	0	0	1	3	3	4	0	0	0	0	0	11
12 PM	0	0	0	0	0	0	1	3	3	1	0	0	0	0	8
13:00	0	0	0	0	1	1	2	1	1	1	0	0	0	0	7
14:00	0	0	0	0	0	1	1	2	2	0	0	0	0	0	6
15:00	3	0	0	0	0	3	5	0	2	0	0	0	0	0	13
16:00	2	0	0	0	1	1	3	3	1	2	0	0	0	0	13
17:00	3	0	0	0	0	6	3	2	1	1	0	0	0	0	16
18:00	0	0	0	0	1	2	1	2	3	0	3	0	0	0	12
19:00	1	0	0	0	0	4	2	7	5	2	1	0	0	0	22
20:00	0	0	0	0	0	3	2	0	4	0	0	0	0	0	9
21:00	0	0	0	0	0	1	1	2	3	0	0	0	0	0	7
22:00	0	0	0	0	0	1	2	3	0	0	1	0	0	0	7
23:00	0	0	0	0	0	0	1	0	1	1	1	0	0	0	4
Total	11	0	0	0	6	33	35	35	35	12	6	0	0	0	173
Grand Total	44	1	0	4	18	103	115	121	83	32	7	2	2	2	534

15th Percentile : 15 MPH
 50th Percentile : 20 MPH
 85th Percentile : 25 MPH
 95th Percentile : 28 MPH

Statistics
 Mean Speed(Average) : 20 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 367
 Percent in Pace : 69.0%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: TORREYS PEAK E/O JADE CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 190412
 Station ID: 190412

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/05/19	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
06:00	1	0	0	0	0	0	1	0	1	0	0	0	0	0	3
07:00	0	0	0	0	0	0	4	3	0	0	0	0	0	0	7
08:00	3	0	0	1	0	2	7	6	1	1	0	0	0	0	21
09:00	4	0	0	1	0	5	17	26	9	0	1	0	0	0	63
10:00	5	0	0	0	1	1	0	1	0	1	0	0	0	0	9
11:00	1	0	0	0	0	0	1	7	6	2	0	0	0	0	17
12 PM	0	0	0	0	0	2	0	0	4	1	0	0	0	0	7
13:00	3	0	0	0	0	1	0	5	2	0	0	0	0	0	11
14:00	1	0	0	1	0	1	2	2	6	3	0	0	0	0	16
15:00	1	0	0	1	1	2	3	6	4	1	0	0	0	0	19
16:00	6	0	1	1	6	8	13	7	7	1	0	0	0	0	50
17:00	6	0	0	0	1	5	4	5	3	2	0	0	0	0	26
18:00	1	0	0	0	1	3	7	17	4	0	0	0	0	0	33
19:00	2	0	0	0	0	1	2	3	5	0	0	0	0	0	13
20:00	1	0	0	0	0	1	2	6	2	0	0	0	0	0	12
21:00	1	0	0	0	0	0	2	3	1	0	0	0	0	0	7
22:00	0	0	0	0	1	2	1	2	4	1	0	0	0	0	11
23:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
Total	38	0	1	6	11	34	67	100	61	13	1	0	0	0	332

COUNTER MEASURES INC.
1889 YORK STREET
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Location: TORREYS PEAK E/O JADE CT
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 Direction: EASTBOUND-WESTBOUND

Site Code: 190412
 Station ID: 190412

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/06/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
07:00	0	0	0	0	0	0	0	4	2	1	0	0	0	0	7
08:00	0	0	0	0	0	0	5	2	1	1	0	0	0	0	9
09:00	2	0	0	0	1	0	4	3	2	3	0	0	0	0	15
10:00	7	0	0	2	0	7	14	15	14	3	2	0	0	0	64
11:00	4	0	0	1	0	0	2	7	5	0	0	1	0	0	20
12 PM	2	0	0	0	1	4	0	4	1	1	0	0	0	0	13
13:00	2	0	0	0	0	2	3	6	3	1	0	0	0	0	17
14:00	0	0	0	0	1	2	2	2	0	0	0	0	0	0	7
15:00	1	0	0	1	0	2	3	3	2	0	0	0	0	0	12
16:00	6	0	1	1	1	8	11	7	6	3	0	0	0	0	44
17:00	0	0	0	1	5	0	3	5	2	1	0	0	0	0	17
18:00	3	0	0	0	0	6	5	5	2	5	0	0	0	0	26
19:00	4	0	0	0	0	2	2	7	4	0	0	0	0	0	19
20:00	1	0	0	0	0	1	3	4	1	0	1	0	0	0	11
21:00	0	0	0	0	0	1	2	6	2	0	0	0	0	0	11
22:00	0	0	0	0	0	0	2	2	0	0	0	1	0	0	5
23:00	1	0	0	0	0	1	0	1	0	1	0	0	0	0	4
Total	33	0	1	6	9	36	62	86	50	20	3	2	0	0	308

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
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 Direction: EASTBOUND-WESTBOUND

Site Code: 190412
 Station ID: 190412

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
06:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
07:00	1	0	0	0	0	1	0	3	0	0	0	0	0	0	5
08:00	0	0	0	0	1	0	4	5	1	0	0	0	0	0	11
09:00	9	0	0	1	3	9	19	18	8	3	1	0	0	0	71
10:00	1	0	1	0	2	3	4	3	1	0	0	0	0	0	15
11:00	1	0	0	0	1	1	1	3	2	3	0	0	0	0	12
12 PM	4	0	0	0	0	1	4	1	3	2	0	0	0	0	15
13:00	1	0	0	1	1	0	3	6	1	0	0	0	0	0	13
14:00	3	1	0	0	0	0	1	5	5	3	2	0	0	0	20
15:00	2	0	0	0	1	0	4	4	1	1	1	0	0	0	14
16:00	4	0	1	1	2	11	6	5	8	1	0	0	0	0	39
17:00	6	0	0	0	2	3	6	2	6	1	0	0	0	0	26
18:00	5	0	0	1	1	8	5	9	4	1	0	0	0	0	34
19:00	0	0	0	0	0	6	2	10	1	0	0	0	0	0	19
20:00	3	0	0	0	4	7	5	2	2	0	0	0	0	0	23
21:00	0	0	0	0	1	1	4	1	2	1	1	0	0	0	11
22:00	0	0	0	1	2	2	3	4	1	0	0	0	0	0	13
23:00	0	0	0	1	0	2	2	4	0	2	0	0	0	0	11
Total	41	1	2	6	21	55	73	86	47	19	5	0	0	0	356
Grand Total	112	1	4	18	41	125	202	272	158	52	9	2	0	0	996

15th Percentile : 13 MPH
 50th Percentile : 20 MPH
 85th Percentile : 25 MPH
 95th Percentile : 27 MPH

Statistics Mean Speed(Average) : 20 MPH
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 674
 Percent in Pace : 67.7%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
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303-333-7409

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Site Code: 190412
 Station ID: 190412

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
06:00	1	0	0	0	0	1	1	1	2	0	0	0	0	0	6
07:00	2	0	0	0	2	1	4	0	3	0	0	1	0	0	13
08:00	8	0	0	0	2	4	4	10	3	0	1	0	0	0	32
09:00	15	0	0	2	5	8	23	11	14	1	1	0	0	0	80
10:00	3	0	0	0	1	3	3	4	3	0	1	0	0	0	18
11:00	4	0	0	1	2	1	1	2	4	2	0	0	0	0	17
12 PM	3	0	0	0	1	0	1	5	2	0	0	0	0	0	12
13:00	10	0	0	0	1	3	3	7	7	3	0	0	0	0	34
14:00	7	0	0	0	1	2	5	2	3	1	0	0	0	0	21
15:00	2	0	0	0	0	1	0	3	2	2	0	0	0	0	10
16:00	12	0	0	0	5	10	14	13	6	3	0	0	0	0	63
17:00	11	0	0	1	3	6	2	4	1	2	1	0	0	0	31
18:00	7	0	0	1	2	3	4	9	6	1	0	0	0	0	33
19:00	5	0	0	0	1	3	7	6	4	0	0	0	0	0	26
20:00	1	0	0	0	0	2	1	2	0	0	0	0	0	0	6
21:00	0	0	0	0	0	0	1	2	2	4	0	0	0	0	9
22:00	0	0	0	0	1	0	0	2	0	1	0	0	0	0	4
23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Total	92	0	0	5	27	49	74	83	63	21	4	1	0	0	419

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Site Code: 190412
 Station ID: 190412

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/06/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
07:00	2	0	0	0	1	2	1	0	3	0	0	0	0	0	9
08:00	4	0	0	0	3	1	1	9	2	2	1	0	0	0	23
09:00	2	0	0	0	0	1	4	2	4	3	0	1	0	0	17
10:00	10	0	0	1	1	11	9	18	10	8	1	0	0	0	69
11:00	3	0	0	0	0	1	2	4	3	0	0	0	0	0	13
12 PM	6	0	0	1	1	2	4	3	5	2	1	0	0	0	25
13:00	5	0	0	0	1	1	1	5	3	4	0	1	0	0	21
14:00	6	0	0	0	0	3	2	3	0	2	1	0	0	0	17
15:00	7	0	0	0	0	2	3	3	3	0	1	0	0	0	19
16:00	12	0	0	5	6	5	13	11	3	3	0	0	0	0	58
17:00	6	0	0	1	2	2	7	5	7	0	0	0	0	0	30
18:00	6	0	0	1	0	7	8	6	5	1	0	0	0	0	34
19:00	4	0	0	0	0	0	4	6	5	0	0	0	0	0	19
20:00	4	0	0	0	1	0	2	5	1	0	0	0	0	0	13
21:00	2	0	0	0	0	1	1	2	2	1	0	0	0	0	9
22:00	3	0	0	0	0	1	1	1	0	0	0	0	0	0	6
23:00	0	0	0	0	0	1	1	0	0	2	0	0	0	0	4
Total	82	0	0	9	16	41	66	85	57	28	5	2	0	0	391

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 Direction: EASTBOUND-WESTBOUND

Site Code: 190412
 Station ID: 190412

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	5	0	0	0	0	2	0	2	0	1	0	0	0	0	10
07:00	6	0	0	0	1	0	3	3	0	1	0	0	0	0	14
08:00	10	0	0	0	0	3	3	3	4	2	0	0	0	0	25
09:00	28	0	0	0	1	9	12	23	10	4	1	1	0	0	89
10:00	5	0	0	0	0	1	2	3	4	0	1	0	0	0	16
11:00	6	0	1	0	0	1	3	2	2	1	0	0	0	0	16
12 PM	7	0	0	0	1	1	1	6	4	3	0	1	0	0	24
13:00	7	0	0	0	1	1	4	7	2	1	0	0	0	0	23
14:00	7	0	0	0	1	1	2	0	5	1	1	0	0	0	18
15:00	7	0	0	0	0	1	4	4	3	3	0	0	0	0	22
16:00	23	0	0	2	0	4	17	15	8	1	1	0	0	0	71
17:00	14	0	0	0	4	7	3	3	6	1	0	0	0	0	38
18:00	17	0	1	4	5	4	8	9	4	3	0	0	0	0	55
19:00	4	0	0	0	1	3	1	5	3	3	0	0	0	0	20
20:00	2	0	0	1	3	2	4	2	0	2	0	0	0	0	16
21:00	2	0	0	0	0	1	1	1	2	0	0	0	0	0	7
22:00	5	0	0	0	1	2	0	2	1	0	1	0	0	0	12
23:00	4	0	0	0	0	4	1	1	1	1	0	0	0	0	12
Total	159	0	2	7	19	47	69	92	59	28	6	2	0	0	490
Grand Total	333	0	2	21	62	137	209	260	179	77	15	5	0	0	1300

15th Percentile : 1 MPH
 50th Percentile : 19 MPH
 85th Percentile : 25 MPH
 95th Percentile : 28 MPH

Statistics
 Mean Speed(Average) : 17 MPH
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 694
 Percent in Pace : 53.4%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%



Memorandum

TO: Transportation & Safety Committee

FROM: Alex Ariniello, Public Works & Utilities Director

DATE: December 2, 2019

RE: Yarrow Circle Traffic Calming Request

Background

Town Staff received a Neighborhood Traffic Calming Program (NTCP) Application from the 2900 block of W. Yarrow Circle neighborhood in June, 2019. Staff had traffic volume and speed counts taken at two locations in early September with the results summarized in the attached spreadsheet.

Step 2 of the NTCP guidelines provides for data collection which is summarized for the Yarrow Circle neighborhood below:

Traffic speed:

	85 th Percentile Speed (% Exceeding 25 MPH)	
	<u>Northbound</u>	<u>Southbound</u>
• W. Yarrow #1 (south of RCC)	26 MPH (34%)	25 MPH (22%)
• W. Yarrow #2 (south of Gardenia)	26 MPH (30%)	25 MPH (26%)
• W. Yarrow #3 (west of Vinca)	23 MPH (15%)	23 MPH (11%)
• E. Yarrow #4 (south of Aster)	29 MPH (57%)	24 MPH (18%)
• E. Yarrow #5 (south of RCC)	25 MPH (27%)	23 MPH (8%)

Traffic volume:

• W. Yarrow #1 (south of RCC)	898 VPD
• W. Yarrow #2 (south of Gardenia)	685 VPD
• W. Yarrow #3 (west of Vinca)	181 VPD
• E. Yarrow #4 (south of Aster)	537 VPD
• E. Yarrow #5 (south of RCC)	1165 VPD

Accident history: 2011-2018 Accidents

- W. Yarrow 2
- E. Yarrow 4

Amount of cut through traffic:

- W. Yarrow Minimal
- E. Yarrow Minimal

Presence of school crossings:

- W. Yarrow None
- E. Yarrow None

Presence of nearby pedestrian generators:

- Open Space Trails to the north and east

Number of affected households:

	<u>With Back out Driveways</u>	<u>Others Affected</u>
• W. Yarrow	58	93
• E. Yarrow	39	71

Street Width

- W. Yarrow
 - 32 ft. flowline to flowline plus 4½ ft attached walks
 - 2.5% down grade from south to north
- E. Yarrow
 - 32 ft. flowline to flowline plus 4½ ft attached walks
 - 4% down grade from south to north

NTCP Eligibility Criteria

Traffic-calming measures will only be applied in areas where the 85th percentile speed exceeds the posted limit by more than 5 mph, **and** where the volume of traffic exceeds 500 vehicles per day.

- All sites do not exceed speed threshold
- All sites exceed volume threshold

Superior Street Design Standards

Since 2003 the Town’s Street Design Standards have included guidelines for “identifying streets that may be candidates for traffic calming measures, traffic volume and unimpeded street length should be considered. Unimpeded street length is the distance between speed impediments, i.e. stop signs, traffic signals, sharp turns, cul-de-sacs, etc. Streets that generally will require implementation of traffic calming measures are listed in Table 1.8 along with minimum criteria to qualify for Traffic Calming.

TABLE 1.8
MINIMUM CRITERIA FOR TRAFFIC CALMING

Classification	Unimpeded Street Length	Traffic Volume
Local Street	> 1,200 feet	< 500 vpd
Local Street	> 900 feet	500 – 2,000 vpd
Minor Collector	> 900 feet	> 2,000 vpd

vpd = vehicles per day

The unimpeded length of E. Yarrow is 1,830 ft while that of W. Yarrow is 1,760 ft. Each street has several curves but they all have design speeds in the 30 to 35 mph range. Both these streets exceed the unimpeded length criteria.

Attachments

- NTCP Application
- Traffic Volume & Speed Data Summary
- Traffic Volume & Speed Data Files



Appendix A: Neighborhood Traffic-Calming Program Application

I and the undersigned Town of Superior residents would like to participate in the Neighborhood Traffic-Calming Program (NTCP) to address a traffic concern in our community. We understand that this process may require our involvement in joint decision-making with other residents and Town staff, and attendance at neighborhood meetings.

Name of Applicant: Brian Lavash Date: 5/11/19

Applicant's Address: 2917 W Yarrow Cir

Preferred method of contact: home phone cell phone email Blavjnk@gmail.com

Name of neighborhood or homeowners association: _____

Please indicate the type of traffic problem involved (check as many as apply):

- speeding accidents
- traffic volume pedestrian/bicycle safety
- parking cut-through traffic
- other

Please describe the nature & location of the traffic problem, including the overall area affected, times of day or conditions under which it is worse, and the resulting effects of the traffic problem:

W Yarrow Cir features a 9%+ grade. Cars regularly travel 10 to 15 mph over the speed limit, picking up speed downhill.

W Yarrow is steeper than Castle peak where speed humps were placed last summer

Please provide the signatures of at least 5 additional residents (1 per household) on the affected street:

Printed Name	Address	Phone #	Signature
1. Susan McNemara	2927 W. Yarrow	303 953 1640	<i>Susan McNemara</i>
2. Heather Malm	2922 W. Yarrow Cir	303 499 1436	<i>Heather Malm</i>
3. Chris Barrow Wendy	2912 W Yarrow Cir	720-298-7075	<i>[Signature]</i>
4. Mike Corbin	2907 W. Yarrow	303 589 5623	<i>[Signature]</i>
5. Sandra Ripplinger	2932 W Yarrow	303-919-2576	<i>Sandra Ripplinger</i>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

West Yarrow

Location #1 Just south of RCC	Northbound	Southbound
25-Aug	376	380
26-Aug	474	487
27-Aug	486	517
28-Aug	471	477
29-Aug	453	466
30-Aug	451	466
31-Aug	406	373
Directional Average	445	452
ADT Total Both Directions	898	
85th Percentile Speed	26 MPH	25 MPH
Top Speed	39 MPH	33 MPH
Number of vehicles over 25 MPH	1059	687
% of vehicles over 25 MPH	34%	22%

Location #2 Just south of Gardenia	Northbound	Southbound
4-Sep	345	374
5-Sep	358	357
6-Sep	400	425
7-Sep	299	309
8-Sep	260	267
9-Sep	318	354
10-Sep	354	375
Directional Average	333	352
ADT Total Both Directions	685	
85th Percentile Speed	26 MPH	25 MPH
Top Speed	39 MPH	39 MPH
Number of vehicles over 25 MPH	700	631
% of vehicles over 25 MPH	30%	26%

Location #3 Just west of Vinca	Northbound	Southbound
4-Sep	107	73
5-Sep	98	94
6-Sep	121	96
7-Sep	80	70
8-Sep	77	61
9-Sep	108	73
10-Sep	117	91
Directional Average	101	80
ADT Total Both Directions	181	
85th Percentile Speed	23 MPH	23 MPH
Top Speed	36 MPH	30 MPH
Number of vehicles over 25 MPH	106	63
% of vehicles over 25 MPH	15%	11%

East Yarrow

Location #5 Just south of RCC	Northbound	Southbound
4-Sep	656	569
5-Sep	595	572
6-Sep	649	570
7-Sep	597	533
8-Sep	534	506
9-Sep	652	551
10-Sep	618	556
Directional Average	614	551
ADT Total Both Directions	1165	
85th Percentile Speed	25 MPH	23 MPH
Top Speed	39 MPH	40 MPH
Number of vehicles over 25 MPH	1158	294
% of vehicles over 25 MPH	27%	8%

Location #4 Just south of Aster	Northbound	Southbound
25-Aug	193	370
26-Aug	204	322
27-Aug	218	363
28-Aug	167	343
29-Aug	169	301
30-Aug	195	360
31-Aug	227	325
Directional Average	196	341
ADT Total Both Directions	537	
85th Percentile Speed	29 MPH	24 MPH
Top Speed	40 MPH	39 MPH
Number of vehicles over 25 MPH	786	425
% of vehicles over 25 MPH	57%	18%



COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/25/19	0	0	0	0	0	0	2	0	0	1	0	0	0	0	3	28	29
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2	26	26
06:00	1	0	0	0	0	0	0	0	0	0	1	1	0	0	3	34	35
07:00	1	0	0	0	0	1	1	0	1	0	0	0	0	0	4	25	26
08:00	1	0	0	0	0	4	1	2	5	3	0	1	0	0	17	28	33
09:00	1	0	0	0	4	6	5	4	5	1	1	1	0	0	28	26	31
10:00	0	0	0	0	2	0	1	12	4	3	0	1	0	0	23	27	29
11:00	2	0	0	0	1	1	5	11	11	9	0	0	0	0	40	28	29
12 PM	2	0	0	0	1	3	3	9	6	2	0	0	0	0	26	26	28
13:00	0	0	0	0	1	1	6	9	9	2	3	0	0	0	31	27	31
14:00	5	0	0	0	0	3	2	14	7	6	0	0	0	0	37	27	29
15:00	1	0	0	0	1	1	3	9	6	2	1	0	0	0	24	26	29
16:00	1	0	0	0	0	2	6	6	5	5	1	0	0	0	26	28	29
17:00	1	0	0	1	0	2	0	8	2	5	4	0	0	0	23	30	32
18:00	1	0	0	0	1	5	4	11	9	0	0	0	0	0	31	25	26
19:00	3	0	0	1	0	2	3	1	4	0	0	0	0	0	14	25	26
20:00	8	0	0	0	0	3	6	3	5	0	0	0	0	0	25	24	26
21:00	1	0	0	0	1	3	3	2	0	0	0	0	0	0	10	21	23
22:00	0	0	0	0	1	0	0	2	0	1	0	0	0	0	4	28	29
23:00	1	0	0	0	0	1	0	0	1	0	0	0	0	0	3	25	26
Total	32	0	0	2	13	38	52	103	81	40	11	4	0	0	376		
Percent	8.5%	0.0%	0.0%	0.5%	3.5%	10.1%	13.8%	27.4%	21.5%	10.6%	2.9%	1.1%	0.0%	0.0%			
AM Peak	11:00				09:00	09:00	09:00	10:00	11:00	11:00	06:00	06:00			11:00		
Vol.	2				4	6	5	12	11	9	1	1			40		
PM Peak	20:00			17:00	12:00	18:00	13:00	14:00	13:00	14:00	17:00				14:00		
Vol.	8			1	1	5	6	14	9	6	4				37		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
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 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/26/19	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
05:00	1	0	0	0	0	0	3	4	0	0	0	0	0	0	8	23	23
06:00	3	0	0	0	0	0	3	5	2	1	1	0	0	0	15	26	30
07:00	5	0	0	0	0	2	5	11	8	4	1	1	0	0	37	27	30
08:00	12	0	0	0	2	3	17	15	14	8	2	0	0	0	73	26	29
09:00	7	0	0	0	0	3	5	8	4	3	0	0	0	0	30	25	28
10:00	3	0	0	0	1	2	0	7	3	2	1	0	0	0	19	27	30
11:00	4	0	0	0	0	1	4	4	4	6	2	0	0	0	25	29	31
12 PM	2	0	0	0	0	1	4	4	6	3	4	0	0	0	24	30	32
13:00	6	0	0	3	0	1	3	5	1	0	2	0	0	0	21	23	31
14:00	7	0	0	0	1	1	4	7	6	2	1	0	0	0	29	26	29
15:00	7	0	0	0	0	0	6	11	8	5	3	0	1	0	41	28	31
16:00	4	0	0	0	1	0	6	9	8	4	2	0	0	0	34	27	30
17:00	1	0	0	0	2	3	9	8	6	4	0	0	0	0	33	26	28
18:00	1	0	0	0	2	0	4	8	6	2	3	0	0	0	26	28	31
19:00	2	0	0	0	0	2	5	8	2	2	0	0	0	0	21	25	28
20:00	4	0	0	0	1	1	2	4	6	1	0	0	0	0	19	26	27
21:00	1	0	0	0	0	0	4	4	1	1	0	0	0	0	11	25	28
22:00	1	0	0	0	0	0	0	2	1	0	0	0	0	0	4	25	26
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
Total	72	0	0	3	10	21	84	126	86	48	22	1	1	0	474		
Percent	15.2%	0.0%	0.0%	0.6%	2.1%	4.4%	17.7%	26.6%	18.1%	10.1%	4.6%	0.2%	0.2%	0.0%			
AM Peak	08:00			08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	07:00			08:00		
Vol.	12			2	3	17	15	14	8	2	1				73		
PM Peak	14:00		13:00	17:00	17:00	17:00	17:00	15:00	15:00	15:00	12:00		15:00		15:00		
Vol.	7		3	2	3	9	11	8	5	4		1			41		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/27/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
05:00	0	0	0	0	0	0	3	2	3	0	0	0	0	0	8	25	26
06:00	5	0	0	0	0	2	1	6	4	2	2	0	0	0	22	28	31
07:00	8	0	0	0	0	4	6	12	7	6	1	0	0	0	44	27	29
08:00	14	0	0	0	3	10	17	9	16	3	5	0	0	0	77	26	30
09:00	1	0	0	0	1	1	6	7	8	0	1	0	0	0	25	25	26
10:00	0	0	0	0	0	0	4	9	4	1	0	0	0	0	18	25	27
11:00	2	0	0	0	0	1	3	6	4	6	2	0	0	0	24	29	31
12 PM	1	0	0	0	1	2	2	7	6	2	1	0	0	0	22	26	29
13:00	1	0	0	0	3	4	4	9	6	1	0	1	0	0	29	25	28
14:00	3	0	0	0	3	3	1	6	4	2	1	0	0	0	23	26	29
15:00	3	0	0	1	0	0	4	4	11	2	3	0	0	0	28	28	31
16:00	4	0	0	0	2	1	4	7	6	5	0	0	0	0	29	27	29
17:00	1	0	0	0	0	3	7	10	12	5	0	0	0	0	38	26	28
18:00	3	0	0	1	2	3	5	15	14	6	1	0	0	0	50	26	29
19:00	1	0	0	0	0	3	8	4	1	0	0	0	0	0	17	22	24
20:00	4	0	0	0	0	2	2	7	5	1	0	0	0	0	21	25	26
21:00	2	0	0	0	0	0	0	2	0	1	0	0	0	0	5	27	29
22:00	1	0	0	0	0	0	1	1	0	1	0	0	0	0	4	28	29
23:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
Total	54	0	0	2	15	39	80	123	111	44	17	1	0	0	486		
Percent	11.1%	0.0%	0.0%	0.4%	3.1%	8.0%	16.5%	25.3%	22.8%	9.1%	3.5%	0.2%	0.0%	0.0%			
AM Peak	08:00				08:00	08:00	08:00	07:00	08:00	07:00	08:00						08:00
Vol.	14				3	10	17	12	16	6	5						77
PM Peak	16:00			15:00	13:00	13:00	19:00	18:00	18:00	18:00	15:00	13:00					18:00
Vol.	4			1	3	4	8	15	14	6	3	1					50

COUNTER MEASURES INC.
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Location: W YARROW CIR S/O ROCK CREEK PKWY
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 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/28/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
05:00	1	0	0	0	0	0	2	2	1	0	0	0	0	0	6	24	26
06:00	4	0	0	0	0	0	3	6	4	1	1	0	0	0	19	26	30
07:00	10	0	0	0	0	1	6	12	5	4	1	0	0	0	39	26	29
08:00	7	0	0	0	0	1	9	11	5	5	0	1	0	0	39	27	29
09:00	4	0	0	0	0	4	11	22	20	3	3	0	0	0	67	26	29
10:00	2	0	0	0	0	2	2	8	5	2	0	2	0	0	23	27	34
11:00	2	0	0	0	1	0	3	5	5	2	0	0	0	0	18	26	28
12 PM	1	0	0	0	1	1	4	10	7	2	1	0	0	0	27	26	29
13:00	2	0	0	0	2	4	2	4	5	4	1	0	0	0	24	28	29
14:00	2	0	0	0	0	1	1	5	6	3	1	0	0	0	19	28	30
15:00	2	0	0	0	0	2	15	10	7	6	1	1	0	0	44	27	29
16:00	3	0	0	0	0	4	8	11	6	2	2	0	0	0	36	26	30
17:00	6	0	0	0	0	3	2	10	17	3	0	1	0	0	42	26	28
18:00	4	0	0	0	2	1	6	6	1	1	1	0	0	0	22	23	29
19:00	2	0	0	0	1	0	5	8	0	1	1	1	0	0	19	27	33
20:00	0	0	0	0	0	2	4	3	1	2	0	0	0	0	12	27	29
21:00	0	0	0	0	0	2	0	4	1	0	0	0	0	0	7	23	25
22:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	26	26
23:00	1	0	0	0	0	0	1	0	0	1	0	1	0	0	4	34	35
Total	53	0	0	0	7	28	84	138	99	42	13	7	0	0	471		
Percent	11.3%	0.0%	0.0%	0.0%	1.5%	5.9%	17.8%	29.3%	21.0%	8.9%	2.8%	1.5%	0.0%	0.0%			
AM Peak	07:00				11:00	09:00	09:00	09:00	09:00	08:00	09:00	10:00			09:00		
Vol.	10				1	4	11	22	20	5	3	2			67		
PM Peak	17:00				13:00	13:00	15:00	16:00	17:00	15:00	16:00	15:00			15:00		
Vol.	6				2	4	15	11	17	6	2	1			44		

COUNTER MEASURES INC.
1889 YORK STREET
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Location: W YARROW CIR S/O ROCK CREEK PKWY
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 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/29/19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
05:00	1	0	0	0	0	0	2	0	0	1	0	0	0	0	4	28	29
06:00	2	0	0	0	0	0	1	6	2	0	0	0	0	0	11	24	26
07:00	5	0	0	0	0	4	2	13	9	5	1	0	0	0	39	27	29
08:00	8	0	0	0	0	6	16	13	4	6	1	0	0	0	54	26	29
09:00	10	0	0	0	1	2	10	10	5	1	1	0	0	0	40	24	26
10:00	0	0	0	0	1	1	2	5	9	1	1	0	0	0	20	26	30
11:00	1	0	0	1	1	2	2	5	3	3	1	0	0	0	19	28	30
12 PM	4	0	0	0	1	2	3	5	4	1	1	0	0	0	21	26	29
13:00	2	0	0	0	1	3	3	4	3	0	1	0	0	0	17	25	30
14:00	1	0	0	1	0	4	5	6	6	2	1	1	0	0	27	26	31
15:00	3	0	0	0	0	6	9	13	11	6	1	0	0	0	49	26	29
16:00	2	0	0	0	0	2	5	10	7	2	1	0	0	0	29	26	29
17:00	4	0	1	0	2	0	6	7	9	4	2	0	0	0	35	27	30
18:00	3	0	1	1	0	3	6	15	7	4	1	0	0	0	41	26	29
19:00	1	0	0	0	0	1	6	6	1	1	0	0	0	0	16	23	27
20:00	0	0	0	0	0	0	4	2	3	1	0	0	0	0	10	26	28
21:00	0	0	0	0	0	3	3	4	1	1	0	0	0	0	12	24	28
22:00	1	0	0	0	0	1	0	1	0	0	0	0	0	0	3	22	23
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
Total	50	0	2	3	7	40	88	126	84	39	13	1	0	0	453		
Percent	11.0%	0.0%	0.4%	0.7%	1.5%	8.8%	19.4%	27.8%	18.5%	8.6%	2.9%	0.2%	0.0%	0.0%			
AM Peak	09:00			11:00	09:00	08:00	08:00	07:00	07:00	08:00	07:00				08:00		
Vol.	10			1	1	6	16	13	9	6	1				54		
PM Peak	12:00		17:00	14:00	17:00	15:00	15:00	18:00	15:00	15:00	17:00	14:00			15:00		
Vol.	4		1	1	2	6	9	15	11	6	2	1			49		

COUNTER MEASURES INC.
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Location: W YARROW CIR S/O ROCK CREEK PKWY
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 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
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NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/30/19	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
01:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	29	29
02:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	26	26
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	2	2	0	0	0	0	0	5	25	26
06:00	4	0	0	0	2	1	4	5	3	0	2	0	0	0	21	25	31
07:00	5	0	0	0	1	1	5	12	4	2	1	0	0	0	31	25	29
08:00	6	0	0	0	1	6	15	15	16	7	1	1	0	0	68	26	29
09:00	1	0	0	0	0	3	4	10	4	2	0	0	0	0	24	25	28
10:00	3	0	0	0	1	0	1	13	4	2	0	0	0	0	24	25	28
11:00	1	0	0	0	0	2	4	1	3	2	2	0	0	0	15	29	31
12 PM	2	0	0	0	1	3	6	9	5	2	3	0	0	0	31	27	31
13:00	3	0	0	0	0	2	3	3	4	2	1	0	0	0	18	27	30
14:00	0	0	0	0	2	0	3	3	6	3	0	0	0	0	17	27	29
15:00	3	0	0	0	0	1	6	13	13	8	5	2	0	0	51	29	32
16:00	2	0	0	0	4	1	3	11	9	5	1	0	0	0	36	27	29
17:00	0	0	0	0	0	2	8	7	11	2	1	0	0	0	31	26	29
18:00	1	0	0	1	0	1	5	6	6	2	0	0	0	0	22	26	28
19:00	0	0	0	0	1	3	4	7	7	2	1	0	0	0	25	26	29
20:00	4	0	0	1	1	2	1	1	0	1	0	1	0	0	12	27	34
21:00	1	0	0	0	1	1	1	1	1	1	0	0	0	0	7	26	28
22:00	0	0	0	0	1	0	1	2	1	0	0	0	0	0	5	24	26
23:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2	23	23
Total	37	0	0	2	16	29	76	125	100	44	18	4	0	0	451		
Percent	8.2%	0.0%	0.0%	0.4%	3.5%	6.4%	16.9%	27.7%	22.2%	9.8%	4.0%	0.9%	0.0%	0.0%			
AM Peak	08:00				06:00	08:00	08:00	08:00	08:00	08:00	06:00	08:00			08:00		
Vol.	6				2	6	15	15	16	7	2	1			68		
PM Peak	20:00			18:00	16:00	12:00	17:00	15:00	15:00	15:00	15:00	15:00			15:00		
Vol.	4			1	4	3	8	13	13	8	5	2			51		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/31/19	0	0	0	0	0	0	1	1	1	0	1	1	0	0	5	33	35
01:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	11	11
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
05:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	29	29
06:00	0	0	0	0	0	0	1	3	1	0	0	0	0	0	5	24	26
07:00	1	0	0	0	0	0	2	0	2	2	1	0	0	0	8	29	31
08:00	6	0	0	0	0	2	6	8	4	1	1	0	0	0	28	25	28
09:00	4	0	0	1	2	1	8	10	8	1	0	0	0	0	35	25	26
10:00	3	0	0	0	0	2	5	19	10	0	1	1	0	0	41	25	26
11:00	0	0	1	0	0	2	7	9	9	2	0	2	0	0	32	26	33
12 PM	1	0	0	1	0	4	8	10	4	3	2	1	0	0	34	27	31
13:00	1	0	0	0	0	2	9	6	6	3	1	1	0	0	29	27	31
14:00	0	0	0	0	1	1	5	11	5	1	0	1	0	0	25	25	29
15:00	0	0	0	1	1	1	4	13	6	3	0	0	0	0	29	26	28
16:00	4	0	0	0	0	0	7	10	8	2	1	0	0	0	32	26	29
17:00	1	0	0	0	2	2	6	4	10	0	1	0	0	0	26	26	26
18:00	1	0	0	0	0	1	4	4	7	2	1	2	0	0	22	29	34
19:00	0	0	0	0	0	1	5	4	2	3	1	0	0	0	16	28	30
20:00	2	0	0	0	1	1	4	4	2	1	0	0	0	0	15	25	27
21:00	0	0	0	0	1	1	2	1	3	0	0	0	0	0	8	25	26
22:00	1	0	0	0	0	1	1	3	0	1	0	0	0	0	7	23	28
23:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3	20	20
Total	26	0	1	4	8	23	89	121	88	26	11	9	0	0	406		
Percent	6.4%	0.0%	0.2%	1.0%	2.0%	5.7%	21.9%	29.8%	21.7%	6.4%	2.7%	2.2%	0.0%	0.0%			
AM Peak	08:00		11:00	01:00	09:00	08:00	09:00	10:00	10:00	07:00	08:00	11:00			10:00		
Vol.	6		1	1	2	2	8	19	10	2	1	2			41		
PM Peak	16:00			12:00	17:00	12:00	13:00	15:00	17:00	12:00	12:00	18:00			12:00		
Vol.	4			1	2	4	9	13	10	3	2	2			34		
Grand Total	324	0	3	16	76	218	553	862	649	283	105	27	1	0	3117		
Percent	10.4%	0.0%	0.1%	0.5%	2.4%	7.0%	17.7%	27.7%	20.8%	9.1%	3.4%	0.9%	0.0%	0.0%			

15th Percentile : 15 MPH
 50th Percentile : 22 MPH
 85th Percentile : 26 MPH
 95th Percentile : 29 MPH

Statistics
 10 MPH Pace Speed : 19-28 MPH
 Number in Pace : 2158
 Percent in Pace : 69.2%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 21 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/25/19	0	0	0	0	1	1	1	0	4	0	0	0	0	0	7	26	26
01:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
06:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	25	26
09:00	0	0	0	0	0	1	2	2	2	1	0	0	0	0	8	26	28
10:00	0	0	0	1	0	1	3	2	3	1	0	0	0	0	11	26	28
11:00	0	0	0	0	1	4	9	6	6	3	0	0	0	0	29	26	28
12 PM	1	0	0	1	1	2	3	10	7	3	0	0	0	0	28	26	28
13:00	0	0	0	0	0	4	12	7	9	2	0	0	0	0	34	25	27
14:00	0	0	0	0	0	3	7	12	7	1	0	0	0	0	30	25	26
15:00	0	0	0	0	0	1	9	14	10	0	0	0	0	0	34	25	26
16:00	0	0	1	0	0	5	11	9	8	2	0	0	0	0	36	25	27
17:00	0	0	0	0	4	5	6	8	12	1	0	0	0	0	36	25	26
18:00	0	0	0	3	1	4	9	17	2	1	0	0	0	0	37	23	25
19:00	0	0	0	0	2	5	7	6	3	0	0	0	0	0	23	23	25
20:00	0	0	0	0	0	7	6	8	0	0	0	0	0	0	21	22	23
21:00	0	0	0	1	0	4	5	3	4	0	0	0	0	0	17	25	26
22:00	1	0	0	0	0	3	4	3	0	0	1	0	0	0	12	23	31
23:00	0	0	0	0	1	1	1	3	0	0	0	0	0	0	6	23	23
Total	2	0	1	6	12	54	98	113	78	15	1	0	0	0	380		
Percent	0.5%	0.0%	0.3%	1.6%	3.2%	14.2%	25.8%	29.7%	20.5%	3.9%	0.3%	0.0%	0.0%	0.0%			
AM Peak				10:00	00:00	11:00	11:00	11:00	11:00	11:00					11:00		
Vol.				1	1	4	9	6	6	3					29		
PM Peak	12:00		16:00	18:00	17:00	20:00	13:00	18:00	17:00	12:00	22:00				18:00		
Vol.	1		1	3	4	7	12	17	12	3	1				37		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/26/19	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
06:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
07:00	2	1	0	0	1	4	4	9	3	1	0	0	0	0	25	24	26
08:00	0	0	0	1	3	4	9	13	4	0	0	0	0	0	34	23	25
09:00	2	0	0	0	2	1	5	7	5	1	0	0	0	0	23	25	26
10:00	0	0	0	0	1	1	4	7	1	0	0	0	0	0	14	23	24
11:00	0	0	0	0	1	2	0	14	1	2	0	0	0	0	20	24	28
12 PM	0	0	0	0	2	1	13	9	2	1	1	0	0	0	29	23	28
13:00	2	0	1	0	0	1	5	2	3	0	0	0	0	0	14	24	26
14:00	0	0	0	0	2	5	8	15	1	1	0	0	0	0	32	23	25
15:00	0	0	1	1	1	7	14	15	5	4	0	0	0	0	48	25	28
16:00	1	0	0	1	1	3	10	18	10	0	1	0	0	0	45	25	26
17:00	0	0	0	0	0	5	21	16	7	2	0	0	0	0	51	24	26
18:00	0	0	0	0	2	7	18	19	6	0	0	0	0	0	52	23	25
19:00	0	0	0	0	2	7	8	13	5	0	0	0	0	0	35	23	25
20:00	0	0	0	0	0	1	8	10	3	1	0	0	0	0	23	24	26
21:00	0	0	0	0	2	3	10	6	1	1	0	0	0	0	23	23	26
22:00	1	0	0	0	0	0	3	2	3	0	0	0	0	0	9	25	26
23:00	0	0	0	0	0	2	1	1	1	0	0	0	0	0	5	24	26
Total	8	1	2	3	20	56	142	176	63	14	2	0	0	0	487		
Percent	1.6%	0.2%	0.4%	0.6%	4.1%	11.5%	29.2%	36.1%	12.9%	2.9%	0.4%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00		08:00	08:00	07:00	08:00	11:00	09:00	11:00							08:00
Vol.	2	1		1	3	4	9	14	5	2							34
PM Peak	13:00		13:00	15:00	12:00	15:00	17:00	18:00	16:00	15:00	12:00						18:00
Vol.	2		1	1	2	7	21	19	10	4	1						52

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/27/19	0	0	0	0	0	2	0	2	0	1	0	0	0	0	5	27	29
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
06:00	0	0	0	0	0	1	3	1	1	0	0	0	0	0	6	24	26
07:00	0	0	0	1	1	1	3	8	5	1	0	0	0	0	20	25	27
08:00	1	0	0	0	3	7	14	8	7	0	0	0	0	0	40	24	26
09:00	1	0	0	1	1	2	7	4	4	1	1	0	0	0	22	26	29
10:00	0	0	0	0	1	2	1	6	6	1	0	0	0	0	17	26	27
11:00	0	0	0	0	0	2	5	4	6	5	0	0	0	0	22	28	29
12 PM	0	0	0	0	1	2	7	9	3	2	2	0	0	0	26	27	31
13:00	1	0	0	0	4	1	5	7	4	1	0	0	0	0	23	25	26
14:00	1	0	0	0	0	5	8	8	7	1	0	0	0	0	30	25	26
15:00	0	0	0	1	0	5	16	19	9	0	0	0	0	0	50	24	26
16:00	1	0	0	1	1	2	8	11	15	3	0	0	0	0	42	26	27
17:00	1	0	0	0	1	7	13	26	4	3	1	0	0	0	56	23	28
18:00	0	0	0	1	3	3	11	18	7	1	0	0	0	0	44	24	26
19:00	0	0	0	0	1	4	10	8	3	2	0	0	0	0	28	24	27
20:00	0	0	0	0	4	4	11	20	6	0	0	0	0	0	45	23	25
21:00	0	0	0	0	0	9	6	3	5	1	0	0	0	0	24	25	26
22:00	0	0	0	0	0	2	1	5	1	0	0	0	0	0	9	23	25
23:00	0	0	0	0	0	1	0	1	2	1	0	0	0	0	5	27	29
Total	6	0	0	5	21	64	129	169	95	24	4	0	0	0	517		
Percent	1.2%	0.0%	0.0%	1.0%	4.1%	12.4%	25.0%	32.7%	18.4%	4.6%	0.8%	0.0%	0.0%	0.0%			
AM Peak	08:00			07:00	08:00	08:00	08:00	07:00	08:00	11:00	09:00				08:00		
Vol.	1			1	3	7	14	8	7	5	1				40		
PM Peak	13:00			15:00	13:00	21:00	15:00	17:00	16:00	16:00	12:00				17:00		
Vol.	1			1	4	9	16	26	15	3	2				56		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/28/19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	22	23
06:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
07:00	0	0	0	0	0	2	3	7	3	0	0	0	0	0	15	24	26
08:00	1	0	0	0	0	3	6	3	4	0	0	0	0	0	17	25	26
09:00	1	0	0	0	0	3	10	9	7	3	0	0	0	0	33	26	28
10:00	1	0	0	0	1	2	6	8	6	2	0	0	0	0	26	26	28
11:00	0	0	1	1	1	0	9	6	3	1	1	0	0	0	23	25	29
12 PM	1	0	0	0	1	2	8	8	3	1	0	0	0	0	24	24	26
13:00	1	0	0	0	2	5	2	7	5	0	0	0	0	0	22	25	26
14:00	1	0	0	0	1	2	5	10	0	2	0	0	0	0	21	23	28
15:00	0	0	0	0	1	6	13	10	12	2	0	0	0	0	44	25	26
16:00	1	0	0	0	1	6	17	15	10	1	0	0	0	0	51	25	26
17:00	1	0	0	0	3	3	15	16	12	5	1	0	0	0	56	26	28
18:00	0	0	0	0	2	7	13	20	9	2	0	0	0	0	53	25	26
19:00	0	0	0	1	3	5	4	10	5	0	0	0	0	0	28	24	26
20:00	1	0	0	0	1	8	3	11	3	0	0	0	0	0	27	23	25
21:00	1	0	0	0	0	6	6	4	1	0	0	0	0	0	18	22	24
22:00	0	0	0	0	0	0	1	3	1	1	0	0	0	0	6	27	29
23:00	0	0	0	0	0	1	0	3	0	1	0	0	0	0	5	27	29
Total	10	0	1	2	17	62	124	152	86	21	2	0	0	0	477		
Percent	2.1%	0.0%	0.2%	0.4%	3.6%	13.0%	26.0%	31.9%	18.0%	4.4%	0.4%	0.0%	0.0%	0.0%			
AM Peak	08:00		11:00	11:00	10:00	08:00	09:00	09:00	09:00	09:00	11:00				09:00		
Vol.	1		1	1	1	3	10	9	7	3	1				33		
PM Peak	12:00			19:00	17:00	20:00	16:00	18:00	15:00	17:00	17:00				17:00		
Vol.	1			1	3	8	17	20	12	5	1				56		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
08/29/19	0	0	0	0	0	1	3	0	0	0	0	0	0	0	4	20	20
01:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
07:00	0	0	0	0	0	2	3	3	1	1	0	0	0	0	10	25	28
08:00	2	0	0	0	2	4	5	14	3	0	0	0	0	0	30	23	25
09:00	0	0	0	3	3	3	2	3	1	2	0	0	0	0	17	25	28
10:00	0	0	0	0	0	0	2	1	5	0	0	0	0	0	8	26	26
11:00	3	0	0	0	1	1	4	7	2	1	0	0	0	0	19	24	27
12 PM	1	0	0	0	0	7	8	9	6	0	0	0	0	0	31	24	26
13:00	0	0	0	1	1	3	4	3	3	1	0	0	0	0	16	25	27
14:00	0	0	0	0	4	4	9	6	7	2	0	0	0	0	32	25	27
15:00	0	0	0	0	1	8	11	14	7	4	0	0	0	0	45	25	28
16:00	1	0	0	4	3	1	13	18	11	3	0	0	0	0	54	25	27
17:00	0	0	0	0	2	4	15	18	8	5	0	0	0	0	52	25	28
18:00	1	0	1	2	2	5	9	15	5	1	0	0	0	0	41	23	26
19:00	0	0	0	0	5	7	10	14	8	0	0	0	0	0	44	24	26
20:00	0	0	0	0	0	5	10	9	6	1	0	0	0	0	31	25	26
21:00	0	0	0	0	1	3	2	3	1	0	0	0	0	0	10	23	25
22:00	0	0	0	0	0	3	3	3	4	0	0	0	0	0	13	25	26
23:00	0	0	0	0	0	0	1	1	2	0	0	0	0	0	4	26	26
Total	8	0	1	10	26	61	115	144	80	21	0	0	0	0	466		
Percent	1.7%	0.0%	0.2%	2.1%	5.6%	13.1%	24.7%	30.9%	17.2%	4.5%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00			09:00	09:00	08:00	08:00	08:00	10:00	09:00					08:00		
Vol.	3			3	3	4	5	14	5	2					30		
PM Peak	12:00		18:00	16:00	19:00	15:00	17:00	16:00	16:00	17:00					16:00		
Vol.	1		1	4	5	8	15	18	11	5					54		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/30/19	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	1	1	1	1	0	0	0	0	0	4	25	26
07:00	0	0	0	0	0	0	4	3	1	0	1	0	0	0	9	25	31
08:00	3	0	0	1	2	4	13	8	4	1	0	0	0	0	36	23	26
09:00	0	0	0	0	1	1	5	5	4	0	0	0	0	0	16	25	26
10:00	1	0	0	0	2	4	4	5	4	0	0	0	0	0	20	24	26
11:00	0	0	0	1	2	2	4	6	3	0	0	0	0	0	18	24	26
12 PM	1	0	0	2	2	3	6	7	5	1	0	0	0	0	27	25	26
13:00	0	0	0	0	0	2	2	13	5	2	1	0	0	0	25	26	29
14:00	0	0	0	1	0	3	12	5	4	4	0	0	0	0	29	26	28
15:00	0	0	0	0	1	6	16	13	9	2	0	0	0	0	47	25	26
16:00	1	0	0	1	2	2	13	23	5	3	0	0	0	0	50	24	27
17:00	0	0	0	0	2	6	11	21	9	2	0	0	0	0	51	25	26
18:00	0	0	0	0	0	2	12	17	6	1	0	0	0	0	38	24	26
19:00	0	0	0	1	1	6	11	9	5	1	0	0	0	0	34	24	26
20:00	0	0	0	0	0	6	6	5	1	0	0	0	0	0	18	22	24
21:00	1	0	0	0	1	4	5	3	1	1	0	0	0	0	16	23	27
22:00	0	0	0	1	0	0	6	6	5	0	0	0	0	0	18	25	26
23:00	0	0	0	0	1	0	3	1	0	1	0	0	0	0	6	27	29
Total	7	0	0	8	17	53	134	153	73	19	2	0	0	0	466		
Percent	1.5%	0.0%	0.0%	1.7%	3.6%	11.4%	28.8%	32.8%	15.7%	4.1%	0.4%	0.0%	0.0%	0.0%			
AM Peak	08:00			08:00	08:00	08:00	08:00	08:00	08:00	08:00	07:00				08:00		
Vol.	3			1	2	4	13	8	4	1	1				36		
PM Peak	12:00			12:00	12:00	15:00	15:00	16:00	15:00	14:00	13:00				17:00		
Vol.	1			2	2	6	16	23	9	4	1				51		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 192419
 Station ID: 192419

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
08/31/19	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4	25	26
01:00	0	0	0	1	0	0	1	0	2	0	0	0	0	0	4	26	26
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	25	26
07:00	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3	25	26
08:00	0	0	0	0	1	3	1	2	0	0	0	0	0	0	7	22	23
09:00	2	0	0	0	0	5	3	1	4	0	0	0	0	0	15	25	26
10:00	0	0	0	0	1	1	8	9	4	2	0	0	0	0	25	25	28
11:00	2	0	0	1	3	3	2	13	7	0	1	0	0	0	32	25	26
12 PM	0	0	0	1	1	4	12	11	4	2	0	0	0	0	35	24	27
13:00	0	0	0	0	1	3	9	11	7	0	0	0	0	0	31	25	26
14:00	0	0	0	0	1	0	8	11	7	1	0	0	0	0	28	25	26
15:00	1	0	0	1	0	2	3	13	9	0	0	0	0	0	29	25	26
16:00	1	0	0	2	2	2	7	5	6	1	0	0	0	0	26	25	26
17:00	0	0	0	1	1	0	9	2	5	1	0	0	0	0	19	25	27
18:00	0	0	0	1	1	6	6	12	2	1	0	0	0	0	29	23	26
19:00	1	0	0	0	2	3	5	4	2	2	0	0	0	0	19	25	28
20:00	2	0	0	2	1	7	4	5	4	1	0	0	0	0	26	24	26
21:00	0	0	0	0	1	3	5	4	1	1	1	0	0	0	16	25	30
22:00	0	0	0	0	0	3	4	3	2	2	0	0	0	0	14	26	28
23:00	0	0	0	0	0	2	3	1	2	0	0	0	0	0	8	25	26
Total	9	0	0	10	16	48	93	110	71	14	2	0	0	0	373		
Percent	2.4%	0.0%	0.0%	2.7%	4.3%	12.9%	24.9%	29.5%	19.0%	3.8%	0.5%	0.0%	0.0%	0.0%			
AM Peak	09:00			01:00	11:00	09:00	10:00	11:00	11:00	10:00	11:00				11:00		
Vol.	2			1	3	5	8	13	7	2	1				32		
PM Peak	20:00			16:00	16:00	20:00	12:00	15:00	15:00	12:00	21:00				12:00		
Vol.	2			2	2	7	12	13	9	2	1				35		
Grand Total	50	1	5	44	129	398	835	1017	546	128	13	0	0	0	3166		
Percent	1.6%	0.0%	0.2%	1.4%	4.1%	12.6%	26.4%	32.1%	17.2%	4.0%	0.4%	0.0%	0.0%	0.0%			

15th Percentile : 16 MPH
 50th Percentile : 21 MPH
 85th Percentile : 25 MPH
 95th Percentile : 26 MPH

Statistics 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 2531
 Percent in Pace : 79.9%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 21 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/04/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	26	26
05:00	0	0	0	0	1	0	1	1	1	0	0	0	0	0	4	25	26
06:00	1	0	0	1	0	1	0	3	1	2	0	0	0	0	9	27	29
07:00	1	0	0	1	1	2	6	1	4	1	0	0	0	0	17	25	27
08:00	1	0	0	1	0	2	4	6	12	8	4	0	0	0	38	29	31
09:00	2	0	1	0	0	3	7	5	6	4	0	1	0	0	29	27	29
10:00	1	0	0	0	0	1	3	9	5	5	4	0	0	0	28	29	31
11:00	0	0	0	0	0	1	4	2	5	2	0	0	0	0	14	26	28
12 PM	1	0	1	2	1	1	3	5	3	3	0	0	0	0	20	27	29
13:00	2	0	0	0	0	1	6	8	2	0	0	0	0	0	19	23	25
14:00	0	0	0	0	0	0	5	3	3	0	0	0	0	0	11	25	26
15:00	1	0	0	0	3	1	6	7	4	1	1	0	0	0	24	25	29
16:00	4	0	0	2	0	3	7	9	3	3	0	0	0	0	31	25	28
17:00	3	0	0	1	0	0	8	8	3	3	0	0	0	0	26	26	28
18:00	3	0	0	0	0	1	2	10	5	0	1	0	0	0	22	25	26
19:00	2	0	1	1	4	3	4	7	4	0	0	0	0	0	26	24	26
20:00	0	0	0	1	2	4	5	2	2	0	0	0	0	0	16	23	25
21:00	1	0	0	0	1	0	0	1	2	0	0	0	0	0	5	25	26
22:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	29	29
23:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	29	29
Total	23	0	3	10	13	24	72	87	67	35	10	1	0	0	345		
Percent	6.7%	0.0%	0.9%	2.9%	3.8%	7.0%	20.9%	25.2%	19.4%	10.1%	2.9%	0.3%	0.0%	0.0%			
AM Peak	09:00		09:00	06:00	05:00	09:00	09:00	10:00	08:00	08:00	08:00	09:00			08:00		
Vol.	2		1	1	1	3	7	9	12	8	4	1			38		
PM Peak	16:00		12:00	12:00	19:00	20:00	17:00	18:00	18:00	12:00	15:00				16:00		
Vol.	4		1	2	4	4	8	10	5	3	1				31		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	1	0	0	0	2	1	0	0	0	0	4	28	29
06:00	0	0	0	1	1	0	0	5	2	1	0	0	0	0	10	26	28
07:00	1	0	0	1	0	1	3	7	3	2	0	0	0	0	18	26	28
08:00	4	0	0	2	4	6	9	11	7	7	3	1	0	0	54	28	31
09:00	5	0	0	1	1	3	8	9	5	10	0	0	0	0	42	28	29
10:00	4	0	0	0	0	0	5	7	3	1	1	0	0	0	21	25	29
11:00	1	0	0	1	0	1	2	3	5	5	1	0	0	0	19	28	30
12 PM	2	0	0	1	2	1	1	4	3	1	0	0	0	0	15	25	27
13:00	0	0	0	0	0	1	3	4	6	4	0	0	0	0	18	27	29
14:00	1	0	0	0	0	1	4	2	3	0	1	1	0	0	13	30	34
15:00	2	0	0	1	1	1	7	7	5	1	1	0	0	0	26	25	29
16:00	3	0	0	0	2	3	5	7	2	3	0	0	0	0	25	25	28
17:00	0	0	0	0	2	2	5	6	10	2	0	0	0	0	27	26	27
18:00	1	0	0	1	0	5	1	11	1	1	1	0	0	0	22	23	29
19:00	1	0	0	1	2	3	6	3	3	0	0	0	0	0	19	24	26
20:00	0	0	1	0	0	4	2	2	0	0	0	0	0	0	9	21	23
21:00	1	0	0	0	0	1	2	0	2	2	0	0	0	0	8	28	29
22:00	0	0	0	0	1	0	1	2	0	1	0	0	0	0	5	27	29
23:00	0	0	0	1	1	0	0	0	1	0	0	0	0	0	3	25	26
Total	26	0	1	11	18	33	64	90	63	42	8	2	0	0	358		
Percent	7.3%	0.0%	0.3%	3.1%	5.0%	9.2%	17.9%	25.1%	17.6%	11.7%	2.2%	0.6%	0.0%	0.0%			
AM Peak	09:00			08:00	08:00	08:00	08:00	08:00	08:00	09:00	08:00	08:00			08:00		
Vol.	5			2	4	6	9	11	7	10	3	1			54		
PM Peak	16:00		20:00	12:00	12:00	18:00	15:00	18:00	17:00	13:00	14:00	14:00			17:00		
Vol.	3		1	1	2	5	7	11	10	4	1	1			27		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	26	26
06:00	1	0	1	0	0	1	3	1	4	1	0	0	0	0	12	26	28
07:00	1	0	0	1	0	3	2	6	4	1	0	0	0	0	18	25	27
08:00	4	0	0	1	4	6	10	11	7	2	4	0	0	0	49	26	31
09:00	4	0	0	0	1	5	9	8	6	2	0	1	0	0	36	25	28
10:00	2	0	0	1	0	3	3	4	3	1	0	0	0	0	17	25	27
11:00	3	0	1	0	1	4	2	5	2	2	0	0	0	0	20	25	28
12 PM	0	0	1	0	0	4	3	9	1	3	0	0	0	0	21	26	28
13:00	2	0	0	0	0	0	5	4	2	3	0	0	0	0	16	27	29
14:00	1	0	0	0	0	1	2	3	4	1	0	0	0	0	12	26	28
15:00	10	0	1	2	1	1	9	7	8	2	0	0	0	0	41	25	26
16:00	5	0	0	1	1	1	8	9	7	4	1	0	0	0	37	26	29
17:00	1	0	0	1	2	6	5	3	3	2	0	0	0	0	23	25	28
18:00	6	0	1	3	5	2	5	6	3	0	0	0	0	0	31	23	25
19:00	1	0	0	1	2	5	7	4	1	0	0	0	0	0	21	22	23
20:00	1	0	1	2	3	8	3	7	0	1	0	0	0	0	26	22	23
21:00	0	0	0	0	0	1	1	5	1	0	0	0	0	0	8	23	25
22:00	0	0	0	0	1	1	0	1	1	0	0	0	0	0	4	25	26
23:00	0	0	0	0	1	0	1	2	0	0	0	0	0	0	4	23	23
Total	43	0	6	13	22	52	79	95	59	25	5	1	0	0	400		
Percent	10.8%	0.0%	1.5%	3.3%	5.5%	13.0%	19.8%	23.8%	14.8%	6.3%	1.3%	0.3%	0.0%	0.0%			
AM Peak	08:00		06:00	07:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	09:00			08:00		
Vol.	4		1	1	4	6	10	11	7	2	4	1			49		
PM Peak	15:00		12:00	18:00	18:00	20:00	15:00	12:00	15:00	16:00	16:00				15:00		
Vol.	10		1	3	5	8	9	9	8	4	1				41		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/07/19	0	0	1	0	0	0	2	0	0	0	0	0	0	0	3	20	20
01:00	2	0	0	0	0	1	0	1	0	0	0	0	0	0	4	22	23
02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
03:00	0	0	0	1	0	0	1	0	0	1	0	0	0	0	3	28	29
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	26	26
07:00	1	0	0	1	1	0	2	0	3	0	0	0	0	0	8	25	26
08:00	1	0	0	0	0	0	2	3	3	1	2	0	0	0	12	30	32
09:00	1	0	0	0	0	5	4	5	3	1	1	0	0	0	20	26	30
10:00	1	0	0	2	0	2	6	10	4	1	1	0	0	0	27	25	28
11:00	0	0	0	0	0	0	5	6	5	1	2	0	0	0	19	27	31
12 PM	0	0	1	0	1	2	4	5	5	4	0	0	0	0	22	27	29
13:00	1	0	0	0	0	2	5	3	3	0	0	0	0	0	14	24	26
14:00	2	0	0	0	1	2	6	8	7	1	1	0	0	0	28	26	28
15:00	4	0	0	0	0	1	6	7	2	1	0	0	0	0	21	23	26
16:00	1	0	0	0	0	5	3	2	1	2	0	0	0	0	14	26	28
17:00	2	0	1	4	1	2	6	6	4	1	0	0	0	0	27	24	26
18:00	0	0	0	0	0	0	6	7	1	3	0	0	0	0	17	27	29
19:00	0	0	0	0	3	2	3	4	5	0	0	0	0	0	17	25	26
20:00	0	0	0	0	0	2	4	2	2	0	0	0	0	0	10	24	26
21:00	1	0	0	0	0	0	4	1	1	2	0	0	0	0	9	27	29
22:00	1	0	0	0	1	4	3	4	0	0	0	0	0	0	13	22	23
23:00	0	0	0	0	1	1	3	0	1	0	0	0	0	0	6	24	26
Total	18	0	3	8	9	31	76	74	54	19	7	0	0	0	299		
Percent	6.0%	0.0%	1.0%	2.7%	3.0%	10.4%	25.4%	24.7%	18.1%	6.4%	2.3%	0.0%	0.0%	0.0%			
AM Peak	01:00		00:00	10:00	07:00	09:00	10:00	10:00	11:00	03:00	08:00				10:00		
Vol.	2		1	2	1	5	6	10	5	1	2				27		
PM Peak	15:00		12:00	17:00	19:00	16:00	14:00	14:00	14:00	12:00	14:00				14:00		
Vol.	4		1	4	3	5	6	8	7	4	1				28		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

NB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/08/19	1	0	0	1	0	0	0	2	1	0	0	0	0	0	5	24	26
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	29	29
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	0	0	0	0	0	1	1	0	1	1	0	0	0	0	4	28	29
07:00	1	0	0	1	0	0	1	1	1	0	0	0	0	0	5	24	26
08:00	1	0	0	0	1	2	1	6	3	1	1	0	0	0	16	26	30
09:00	1	0	0	1	0	1	5	6	3	2	1	0	0	0	20	27	30
10:00	1	0	0	0	0	0	6	9	5	1	0	0	0	0	22	25	26
11:00	0	0	0	0	0	0	3	8	5	2	0	0	0	0	18	26	28
12 PM	1	0	0	0	1	2	4	8	3	3	1	0	0	0	23	27	29
13:00	3	0	0	0	2	0	2	6	6	7	0	0	0	0	26	28	29
14:00	1	0	1	1	0	2	1	4	5	2	0	0	0	0	17	26	28
15:00	2	0	0	0	3	2	5	8	2	0	0	0	0	0	22	23	25
16:00	0	0	0	0	0	1	4	11	4	1	0	0	0	0	21	25	26
17:00	1	0	0	1	2	2	6	3	3	0	0	0	0	0	18	24	26
18:00	1	0	1	2	1	4	1	4	4	0	0	0	0	0	18	24	26
19:00	0	0	0	0	0	1	3	3	3	0	0	0	0	0	10	25	26
20:00	2	0	0	0	0	0	2	1	0	0	0	0	0	0	5	21	23
21:00	0	0	0	0	0	0	1	1	2	0	0	0	0	0	4	26	26
22:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	29	29
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
Total	16	0	2	7	10	18	47	83	52	22	3	0	0	0	260		
Percent	6.2%	0.0%	0.8%	2.7%	3.8%	6.9%	18.1%	31.9%	20.0%	8.5%	1.2%	0.0%	0.0%	0.0%			
AM Peak	00:00			00:00	08:00	08:00	10:00	10:00	10:00	09:00	08:00				10:00		
Vol.	1			1	1	2	6	9	5	2	1				22		
PM Peak	13:00		14:00	18:00	15:00	18:00	17:00	16:00	13:00	13:00	12:00				13:00		
Vol.	3		1	2	3	4	6	11	6	7	1				26		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/09/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	2	0	0	0	0	0	3	26	26
06:00	0	0	1	0	0	1	0	3	1	2	0	0	0	0	8	28	29
07:00	1	0	0	1	0	2	6	6	2	0	0	0	0	0	18	23	25
08:00	0	0	0	0	1	4	13	13	7	4	1	0	0	0	43	26	29
09:00	4	1	1	1	1	1	4	7	6	3	1	0	0	0	30	26	29
10:00	2	0	0	2	0	0	3	2	1	2	5	0	0	0	17	31	32
11:00	1	0	0	0	0	0	5	3	4	2	0	0	0	0	15	26	28
12 PM	1	0	0	0	0	1	0	3	4	1	0	0	0	0	10	26	28
13:00	0	0	0	0	1	0	3	5	5	1	1	0	0	0	16	26	30
14:00	1	0	0	0	0	3	0	6	3	2	0	0	0	0	15	26	28
15:00	1	0	0	0	1	0	3	5	4	4	0	0	0	0	18	27	29
16:00	4	0	0	1	1	0	5	8	7	5	2	0	0	0	33	28	30
17:00	3	0	0	1	1	3	3	7	4	3	0	0	0	0	25	26	28
18:00	3	0	0	0	0	3	3	6	5	0	0	0	0	0	20	25	26
19:00	1	0	1	1	3	0	7	5	0	2	0	0	0	0	20	23	28
20:00	0	0	0	0	1	6	5	6	2	0	0	0	0	0	20	23	25
21:00	3	0	0	1	0	1	0	0	0	0	0	0	0	0	5	15	17
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
Total	25	1	3	8	10	25	61	87	57	31	10	0	0	0	318		
Percent	7.9%	0.3%	0.9%	2.5%	3.1%	7.9%	19.2%	27.4%	17.9%	9.7%	3.1%	0.0%	0.0%	0.0%			
AM Peak	09:00	09:00	06:00	10:00	08:00	08:00	08:00	08:00	08:00	08:00	10:00				08:00		
Vol.	4	1	1	2	1	4	13	13	7	4	5				43		
PM Peak	16:00		19:00	16:00	19:00	20:00	19:00	16:00	16:00	16:00	16:00				16:00		
Vol.	4		1	1	3	6	7	8	7	5	2				33		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	999	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39					
09/10/19	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	29	29
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	23	23
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	3	28	29
06:00	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	5	23	23
07:00	1	0	0	2	1	0	5	2	4	2	0	0	0	0	0	17	26	28
08:00	4	0	0	0	0	3	5	13	15	8	2	1	1	0	0	52	28	32
09:00	4	0	0	0	0	0	7	6	13	2	2	0	0	0	0	34	26	30
10:00	1	0	0	1	2	0	2	3	4	1	1	0	0	0	0	15	26	30
11:00	1	0	0	0	1	0	1	3	2	2	1	0	0	0	0	11	29	31
12 PM	1	0	0	1	0	1	1	3	6	0	2	0	0	0	0	15	26	31
13:00	2	0	0	0	0	1	5	3	4	1	1	0	0	0	0	17	26	30
14:00	1	0	0	0	1	1	6	6	4	3	1	0	0	0	0	23	27	29
15:00	0	0	0	0	0	2	2	1	4	4	0	0	0	0	0	13	28	29
16:00	0	0	0	0	3	1	9	7	7	4	1	0	0	0	0	32	27	29
17:00	5	0	0	1	1	3	7	4	2	2	0	0	0	0	0	25	24	28
18:00	3	0	1	1	1	5	7	9	4	0	0	0	0	0	0	31	23	25
19:00	1	0	0	4	0	3	3	7	5	1	0	0	0	0	0	24	25	26
20:00	2	0	0	1	3	4	1	6	0	0	0	0	0	0	0	17	22	23
21:00	1	0	0	0	0	1	1	1	3	1	0	0	0	0	0	8	26	28
22:00	1	0	0	0	2	0	0	2	1	0	0	1	0	0	0	7	26	34
23:00	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	32	32
Total	29	0	1	11	15	25	64	82	79	33	12	2	1	0	354			
Percent	8.2%	0.0%	0.3%	3.1%	4.2%	7.1%	18.1%	23.2%	22.3%	9.3%	3.4%	0.6%	0.3%	0.0%				
AM Peak	08:00			07:00	10:00	08:00	09:00	08:00	08:00	08:00	08:00	08:00	08:00			08:00		
Vol.	4			2	2	3	7	13	15	8	2	1	1			52		
PM Peak	17:00		18:00	19:00	16:00	18:00	16:00	18:00	16:00	15:00	12:00	22:00				16:00		
Vol.	5		1	4	3	5	9	9	7	4	2	1				32		
Grand Total	180	1	19	68	97	208	463	598	431	207	55	6	1	0	2334			
Percent	7.7%	0.0%	0.8%	2.9%	4.2%	8.9%	19.8%	25.6%	18.5%	8.9%	2.4%	0.3%	0.0%	0.0%				

15th Percentile : 14 MPH
 50th Percentile : 21 MPH
 85th Percentile : 26 MPH
 95th Percentile : 29 MPH

Statistics
 10 MPH Pace Speed : 19-28 MPH
 Number in Pace : 1561
 Percent in Pace : 66.9%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 21 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/04/19	0	0	0	1	1	0	1	1	0	0	0	0	0	0	4	22	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	1	0	0	0	0	0	0	1	1	0	0	0	0	0	3	25	26
07:00	0	0	0	1	1	1	1	4	2	0	0	0	0	0	10	24	26
08:00	1	0	0	1	2	1	2	3	1	0	0	0	0	0	11	23	25
09:00	1	0	0	1	0	1	6	3	2	0	0	0	0	0	14	23	25
10:00	0	0	0	0	0	2	3	4	7	3	2	0	0	0	21	28	31
11:00	0	0	0	0	0	3	4	4	6	1	0	0	0	0	18	26	27
12 PM	0	0	0	1	1	1	6	3	4	4	0	0	0	0	20	27	29
13:00	0	0	1	0	1	1	7	6	3	0	0	1	0	0	20	25	33
14:00	0	0	0	0	0	2	6	3	3	2	2	0	0	0	18	28	31
15:00	1	0	0	0	1	1	5	4	10	0	1	0	0	0	23	26	26
16:00	2	0	1	3	2	4	10	13	8	2	1	0	0	0	46	25	28
17:00	0	0	0	1	0	1	6	15	7	4	1	0	0	0	35	26	29
18:00	0	0	0	1	3	1	6	18	11	0	1	0	0	0	41	25	26
19:00	2	0	1	1	2	3	11	13	4	0	0	0	0	0	37	23	25
20:00	2	0	1	0	3	5	6	12	2	1	0	0	0	0	32	23	26
21:00	0	0	0	0	0	2	1	3	2	0	0	0	0	0	8	25	26
22:00	0	0	0	0	2	0	1	2	3	1	0	0	0	0	9	26	28
23:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
Total	10	0	4	11	19	29	84	113	76	19	8	1	0	0	374		
Percent	2.7%	0.0%	1.1%	2.9%	5.1%	7.8%	22.5%	30.2%	20.3%	5.1%	2.1%	0.3%	0.0%	0.0%			
AM Peak	06:00			00:00	08:00	11:00	09:00	07:00	10:00	10:00	10:00				10:00		
Vol.	1			1	2	3	6	4	7	3	2				21		
PM Peak	16:00		13:00	16:00	18:00	20:00	19:00	18:00	18:00	12:00	14:00	13:00			16:00		
Vol.	2		1	3	3	5	11	18	11	4	2	1			46		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/05/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	26	26
02:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	11	11
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
07:00	0	0	0	1	0	1	1	3	3	0	0	0	0	0	9	25	26
08:00	2	0	1	0	0	2	3	1	0	0	0	0	0	0	9	20	22
09:00	2	0	0	1	1	5	6	11	6	3	1	0	0	0	36	26	29
10:00	0	0	0	1	0	0	4	2	2	2	1	0	0	0	12	28	31
11:00	1	0	0	0	0	1	2	0	5	2	1	0	1	0	13	30	37
12 PM	1	0	0	1	0	0	1	5	7	0	0	0	0	0	15	26	26
13:00	0	0	0	0	2	0	5	4	5	1	2	0	0	0	19	27	31
14:00	0	0	1	1	0	1	7	1	5	1	0	0	0	0	17	26	27
15:00	2	0	1	1	0	3	1	7	5	1	0	0	0	0	21	25	26
16:00	2	0	0	1	3	2	18	15	3	3	0	0	0	0	47	23	27
17:00	1	0	0	1	1	6	6	11	13	3	0	0	0	0	42	26	27
18:00	1	0	0	1	1	3	9	13	7	1	0	0	0	0	36	25	26
19:00	0	0	1	1	4	3	8	7	3	0	0	0	0	0	27	23	25
20:00	0	0	0	0	3	3	5	4	4	1	1	0	0	0	21	26	29
21:00	0	0	0	1	0	0	2	7	3	0	0	0	0	0	13	25	26
22:00	0	0	0	0	1	0	0	0	2	0	0	0	0	0	3	26	26
23:00	0	0	0	0	0	1	1	5	2	0	0	0	0	0	9	24	26
Total	12	0	4	13	16	34	80	97	76	18	6	0	1	0	357		
Percent	3.4%	0.0%	1.1%	3.6%	4.5%	9.5%	22.4%	27.2%	21.3%	5.0%	1.7%	0.0%	0.3%	0.0%			
AM Peak	08:00		08:00	02:00	09:00	09:00	09:00	09:00	09:00	09:00	09:00		11:00		09:00		
Vol.	2		1	2	1	5	6	11	6	3	1		1		36		
PM Peak	15:00		14:00	12:00	19:00	17:00	16:00	16:00	17:00	16:00	13:00				16:00		
Vol.	2		1	1	4	6	18	15	13	3	2				47		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/06/19	0	0	0	0	0	2	0	1	0	0	0	0	0	0	3	22	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	1	0	0	0	1	0	3	2	1	0	0	0	0	0	8	23	25
08:00	1	0	0	2	2	1	4	6	0	0	0	0	0	0	16	22	23
09:00	2	0	0	0	3	2	6	8	4	3	1	0	0	0	29	26	29
10:00	0	0	0	0	1	2	2	0	5	0	0	0	0	0	10	26	26
11:00	0	0	1	0	0	5	2	4	4	0	2	0	0	0	18	26	31
12 PM	0	0	0	0	2	3	10	9	5	2	1	0	0	0	32	25	29
13:00	0	0	0	0	2	0	6	3	6	2	0	0	0	0	19	26	28
14:00	0	0	0	0	0	1	1	9	2	2	1	0	0	0	16	27	30
15:00	3	0	1	0	1	0	7	5	3	1	0	1	0	0	22	25	29
16:00	3	0	0	3	2	4	15	25	10	3	1	0	0	0	66	25	27
17:00	1	0	1	2	3	5	9	12	10	1	0	1	0	0	45	25	26
18:00	5	0	2	1	4	10	11	12	2	3	0	0	0	0	50	23	27
19:00	0	0	0	2	3	6	12	8	3	0	0	0	0	0	34	23	25
20:00	5	0	0	1	3	6	5	8	0	0	0	0	0	0	28	22	23
21:00	0	0	0	0	0	1	3	2	0	0	0	0	0	0	6	22	23
22:00	1	0	0	0	0	1	2	5	3	0	0	0	0	0	12	25	26
23:00	0	0	0	0	0	0	2	4	2	1	0	0	0	0	9	26	28
Total	22	0	5	11	28	49	100	124	60	18	6	2	0	0	425		
Percent	5.2%	0.0%	1.2%	2.6%	6.6%	11.5%	23.5%	29.2%	14.1%	4.2%	1.4%	0.5%	0.0%	0.0%			
AM Peak	09:00		11:00	08:00	09:00	11:00	09:00	09:00	10:00	09:00	11:00				09:00		
Vol.	2		1	2	3	5	6	8	5	3	2				29		
PM Peak	18:00		18:00	16:00	18:00	18:00	16:00	16:00	16:00	16:00	12:00	15:00			16:00		
Vol.	5		2	3	4	10	15	25	10	3	1	1			66		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/07/19	1	0	0	2	0	1	1	1	1	0	0	0	0	0	7	23	25
01:00	0	0	0	0	1	0	1	2	0	0	0	0	0	0	4	23	23
02:00	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	22	23
03:00	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	22	23
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	17	17
07:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
08:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
09:00	2	0	0	1	0	0	1	3	0	1	1	0	0	0	9	28	31
10:00	1	0	0	0	0	1	2	5	4	1	1	0	0	0	15	26	30
11:00	1	0	0	1	0	2	2	5	6	2	0	1	0	0	20	27	33
12 PM	2	0	0	0	1	2	4	9	10	1	0	0	0	0	29	25	26
13:00	0	0	0	1	0	1	5	10	6	2	0	0	0	0	25	26	28
14:00	2	0	0	0	1	1	6	13	1	2	0	0	0	0	26	23	28
15:00	0	0	0	0	1	5	6	5	5	4	0	1	0	0	27	27	29
16:00	2	0	0	0	1	1	4	2	3	0	1	0	0	0	14	25	30
17:00	1	0	0	1	1	0	4	6	5	1	0	0	0	0	19	25	27
18:00	2	0	0	0	2	1	7	5	10	4	0	0	0	0	31	26	28
19:00	0	0	0	2	2	2	7	3	3	0	0	0	0	0	19	24	26
20:00	0	0	0	0	2	2	2	9	3	0	0	0	0	0	18	24	26
21:00	0	0	0	0	0	0	5	6	2	1	0	0	0	0	14	25	27
22:00	0	0	0	0	1	3	3	2	2	0	0	0	0	0	11	24	26
23:00	0	0	0	0	0	3	3	3	0	0	0	0	0	0	9	22	23
Total	14	0	0	8	14	26	68	94	61	19	3	2	0	0	309		
Percent	4.5%	0.0%	0.0%	2.6%	4.5%	8.4%	22.0%	30.4%	19.7%	6.1%	1.0%	0.6%	0.0%	0.0%			
AM Peak	09:00			00:00	01:00	11:00	02:00	10:00	11:00	11:00	09:00	11:00			11:00		
Vol.	2			2	1	2	2	5	6	2	1	1			20		
PM Peak	12:00			19:00	18:00	15:00	18:00	14:00	12:00	15:00	16:00	15:00			18:00		
Vol.	2			2	2	5	7	13	10	4	1	1			31		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/08/19	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3	20	20
01:00	0	0	0	0	0	1	2	0	2	0	0	0	0	0	5	25	26
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	1	0	0	0	0	0	0	1	1	0	0	0	0	0	3	25	26
07:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
08:00	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	22	23
09:00	1	0	0	0	1	0	1	2	2	0	0	0	1	0	8	26	37
10:00	2	0	0	0	1	0	0	6	6	1	0	0	0	0	16	26	27
11:00	0	0	0	0	1	2	1	9	2	0	0	0	0	0	15	23	25
12 PM	0	0	0	0	2	1	1	10	7	2	1	0	0	0	24	26	29
13:00	0	0	0	0	0	0	3	7	2	1	1	0	0	0	14	26	30
14:00	0	0	0	3	1	0	9	11	4	1	1	0	0	0	30	25	28
15:00	0	0	0	1	1	3	4	10	4	1	0	1	0	0	25	25	29
16:00	1	0	0	0	0	1	7	7	7	2	1	0	0	0	26	26	29
17:00	0	0	0	1	3	5	6	6	2	3	0	0	0	0	26	25	28
18:00	3	0	0	0	1	1	7	4	3	0	1	0	0	0	20	25	30
19:00	0	0	0	0	1	3	7	5	2	1	1	0	0	0	20	25	30
20:00	0	0	0	0	2	3	3	4	0	1	1	0	0	0	14	23	30
21:00	0	0	0	0	0	0	2	1	0	1	0	0	0	0	4	28	29
22:00	0	0	0	0	0	0	2	0	1	1	0	0	0	0	4	28	29
23:00	0	0	0	0	1	0	1	2	0	0	0	0	0	0	4	23	23
Total	8	0	0	5	15	21	61	88	45	15	7	1	1	0	267		
Percent	3.0%	0.0%	0.0%	1.9%	5.6%	7.9%	22.8%	33.0%	16.9%	5.6%	2.6%	0.4%	0.4%	0.0%			
AM Peak	10:00				09:00	11:00	00:00	11:00	10:00	10:00			09:00		10:00		
Vol.	2				1	2	2	9	6	1			1		16		
PM Peak	18:00			14:00	17:00	17:00	14:00	14:00	12:00	17:00	12:00	15:00			14:00		
Vol.	3			3	3	5	9	11	7	3	1	1			30		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/09/19	0	0	0	0	0	1	1	3	0	0	1	0	0	0	6	30	32
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	2	0	0	0	0	1	2	2	0	0	0	0	0	0	7	22	23
08:00	1	0	2	2	0	2	2	3	2	1	0	0	0	0	15	25	27
09:00	2	0	0	0	1	1	3	11	4	1	1	0	0	0	24	25	29
10:00	1	0	0	1	0	1	1	3	2	1	0	0	0	0	10	26	28
11:00	2	0	0	0	2	1	1	7	3	1	1	0	0	0	18	26	30
12 PM	0	0	0	0	0	0	3	9	4	0	0	0	0	0	16	25	26
13:00	0	0	0	0	1	1	2	4	3	0	0	1	0	0	12	26	34
14:00	0	0	0	1	0	4	5	7	4	3	0	0	0	0	24	26	28
15:00	1	0	0	0	0	1	5	9	2	1	0	0	0	0	19	24	27
16:00	3	0	1	1	2	2	12	14	13	2	1	0	0	0	51	25	27
17:00	0	0	0	0	0	1	8	16	7	4	0	0	0	0	36	26	28
18:00	0	0	1	0	1	4	15	14	2	1	0	0	0	0	38	23	25
19:00	1	0	1	1	3	4	7	7	3	1	0	0	0	0	28	23	26
20:00	1	0	0	0	1	1	7	6	3	1	0	0	0	0	20	25	27
21:00	1	0	1	0	0	4	3	4	3	1	0	0	0	0	17	25	27
22:00	0	0	0	0	0	0	1	2	4	1	0	0	0	0	8	26	28
23:00	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	38	38
Total	15	0	6	6	11	31	78	121	61	19	4	1	1	0	354		
Percent	4.2%	0.0%	1.7%	1.7%	3.1%	8.8%	22.0%	34.2%	17.2%	5.4%	1.1%	0.3%	0.3%	0.0%			
AM Peak	07:00		08:00	08:00	11:00	08:00	09:00	09:00	09:00	08:00	00:00				09:00		
Vol.	2		2	2	2	2	3	11	4	1	1				24		
PM Peak	16:00		16:00	14:00	19:00	14:00	18:00	17:00	16:00	17:00	16:00	13:00	23:00		16:00		
Vol.	3		1	1	3	4	15	16	13	4	1	1	1		51		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: W YARROW CIR S/O GARDENIA WAY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190303
 Station ID: 190303

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/10/19	0	0	0	0	0	0	1	0	0	0	2	0	0	0	3	32	32
01:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	11	11
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
07:00	2	0	0	2	0	0	0	5	2	1	0	0	0	0	12	25	28
08:00	3	0	0	2	0	1	2	1	0	0	1	0	0	0	10	22	31
09:00	4	0	0	1	2	3	6	4	5	4	2	0	0	0	31	28	30
10:00	0	0	0	0	0	0	3	1	4	2	1	0	0	0	11	29	31
11:00	0	0	0	0	0	0	1	4	2	0	0	0	0	0	7	25	26
12 PM	0	0	0	1	0	2	1	6	6	2	1	0	0	0	19	27	30
13:00	0	0	0	0	1	3	3	4	4	0	0	0	0	0	15	25	26
14:00	0	0	0	0	1	0	6	9	4	1	0	1	0	0	22	26	29
15:00	0	0	0	0	1	0	1	6	5	1	0	0	0	0	14	26	27
16:00	0	0	0	0	0	1	11	15	13	2	0	0	0	0	42	26	26
17:00	2	0	0	0	1	6	9	11	5	1	0	0	0	0	35	24	26
18:00	1	0	0	2	2	6	15	12	6	0	0	0	0	0	44	23	25
19:00	3	0	0	1	0	4	11	11	8	1	0	0	0	0	39	25	26
20:00	1	0	0	5	2	7	5	12	3	1	0	0	0	0	36	23	26
21:00	0	0	1	0	1	3	2	6	2	1	0	0	0	0	16	24	27
22:00	1	0	0	0	0	1	4	2	3	0	0	0	0	0	11	25	26
23:00	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3	31	32
Total	17	0	1	15	11	38	81	112	72	19	8	1	0	0	375		
Percent	4.5%	0.0%	0.3%	4.0%	2.9%	10.1%	21.6%	29.9%	19.2%	5.1%	2.1%	0.3%	0.0%	0.0%			
AM Peak	09:00			07:00	09:00	09:00	09:00	07:00	09:00	09:00	00:00				09:00		
Vol.	4			2	2	3	6	5	5	4	2				31		
PM Peak	19:00		21:00	20:00	18:00	20:00	18:00	16:00	16:00	12:00	12:00	14:00			18:00		
Vol.	3		1	5	2	7	15	15	13	2	1	1			44		
Grand Total	98	0	20	69	114	228	552	749	451	127	42	8	3	0	2461		
Percent	4.0%	0.0%	0.8%	2.8%	4.6%	9.3%	22.4%	30.4%	18.3%	5.2%	1.7%	0.3%	0.1%	0.0%			

15th Percentile : 15 MPH
 50th Percentile : 21 MPH
 85th Percentile : 25 MPH
 95th Percentile : 28 MPH

Statistics
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 1828
 Percent in Pace : 74.3%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 21 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

NB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/04/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	11	11
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	22	23
07:00	2	0	0	0	0	0	2	0	0	0	0	0	0	0	4	20	20
08:00	1	0	0	0	0	0	2	0	2	0	0	0	0	0	5	25	26
09:00	2	0	0	1	1	1	0	2	2	0	0	0	0	0	9	24	26
10:00	0	0	0	0	1	0	0	1	3	1	0	0	0	0	6	27	29
11:00	2	0	1	1	1	0	2	2	0	0	0	0	0	0	9	21	23
12 PM	0	0	0	1	1	2	1	1	1	0	0	0	0	0	7	23	25
13:00	0	0	0	0	0	0	1	3	1	0	0	0	0	0	5	24	26
14:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	23	23
15:00	1	0	0	0	0	2	2	6	4	1	0	0	0	0	16	25	27
16:00	1	0	0	0	1	2	3	2	0	0	0	0	0	0	9	21	23
17:00	3	0	0	0	1	1	2	3	2	0	0	0	0	0	12	24	26
18:00	2	0	0	0	0	1	2	2	0	0	0	0	0	0	7	22	23
19:00	2	0	0	0	0	1	0	1	1	0	0	0	0	0	5	24	26
20:00	2	0	0	0	0	0	0	1	1	0	0	0	0	0	4	25	26
21:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
22:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	19	0	1	4	7	11	18	27	18	2	0	0	0	0	107		
Percent	17.8%	0.0%	0.9%	3.7%	6.5%	10.3%	16.8%	25.2%	16.8%	1.9%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00		11:00	02:00	09:00	06:00	07:00	09:00	10:00	10:00					09:00		
Vol.	2		1	1	1	1	2	2	3	1					9		
PM Peak	17:00			12:00	12:00	12:00	16:00	15:00	15:00	15:00					15:00		
Vol.	3			1	1	2	3	6	4	1					16		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

NB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
07:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
08:00	2	0	0	0	0	0	3	3	5	1	1	0	0	0	15	26	30
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
10:00	2	0	0	0	0	1	1	1	1	0	0	0	0	0	6	24	26
11:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
12 PM	0	1	1	1	0	0	2	2	0	0	0	0	0	0	7	22	23
13:00	1	0	1	1	1	2	0	0	0	1	0	0	0	0	7	17	28
14:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	22	23
15:00	1	0	1	1	2	5	4	3	2	0	0	0	0	0	19	23	25
16:00	3	0	0	0	0	1	1	3	1	0	0	0	0	0	9	23	25
17:00	2	0	0	1	1	1	1	5	1	0	0	0	0	0	12	23	25
18:00	0	0	0	0	2	1	1	2	1	0	0	0	0	0	7	23	25
19:00	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	22	23
20:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
23:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	11	11
Total	13	1	3	5	7	13	18	23	12	2	1	0	0	0	98		
Percent	13.3%	1.0%	3.1%	5.1%	7.1%	13.3%	18.4%	23.5%	12.2%	2.0%	1.0%	0.0%	0.0%	0.0%			
AM Peak	06:00					10:00	08:00	08:00	08:00	08:00	08:00				08:00		
Vol.	2					1	3	3	5	1	1				15		
PM Peak	16:00	12:00	12:00	12:00	15:00	15:00	15:00	17:00	15:00	13:00					15:00		
Vol.	3	1	1	1	2	5	4	5	2	1					19		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

NB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/06/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
06:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
07:00	1	0	0	0	1	0	1	3	0	0	0	0	0	0	6	23	23
08:00	1	0	0	0	1	0	1	2	5	0	0	0	0	0	10	26	26
09:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	25	26
10:00	1	0	0	0	0	0	1	1	1	0	0	0	0	0	4	25	26
11:00	1	0	0	0	1	1	1	1	1	0	0	0	0	0	6	24	26
12 PM	1	0	1	0	2	3	3	1	2	0	0	0	0	0	13	24	26
13:00	0	0	1	0	1	1	1	1	0	1	0	0	0	0	6	27	29
14:00	0	0	0	0	0	2	0	2	0	1	0	0	0	0	5	27	29
15:00	4	0	1	0	0	2	4	3	0	0	0	0	0	0	14	21	23
16:00	1	0	0	0	0	2	3	1	4	1	0	0	0	0	12	26	28
17:00	4	0	0	0	0	1	1	4	1	0	0	0	0	0	11	23	25
18:00	1	0	0	0	1	0	1	3	1	1	0	0	0	0	8	26	28
19:00	4	0	0	0	0	1	2	2	1	1	0	0	0	0	11	25	28
20:00	0	0	0	0	0	2	1	2	0	0	0	0	0	0	5	22	23
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
23:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	20	20
Total	19	0	3	0	8	16	23	30	17	5	0	0	0	0	121		
Percent	15.7%	0.0%	2.5%	0.0%	6.6%	13.2%	19.0%	24.8%	14.0%	4.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00				07:00	05:00	06:00	07:00	08:00						08:00		
Vol.	1				1	1	1	3	5						10		
PM Peak	15:00		12:00		12:00	12:00	15:00	17:00	16:00	13:00					15:00		
Vol.	4		1		2	3	4	4	4	1					14		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/07/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
07:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
08:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
09:00	1	0	0	1	1	0	0	1	0	1	0	0	0	0	5	27	29
10:00	0	0	0	0	0	0	2	0	2	0	0	0	0	0	4	26	26
11:00	0	0	0	0	0	2	2	2	0	0	0	0	0	0	6	22	23
12 PM	1	0	0	0	0	1	1	2	0	0	0	0	0	0	5	22	23
13:00	0	0	0	0	1	2	0	5	1	1	0	0	0	0	10	25	28
14:00	0	0	0	0	0	2	3	2	0	1	0	0	0	0	8	23	28
15:00	0	0	0	1	0	0	0	3	1	0	0	0	0	0	5	24	26
16:00	1	0	0	0	1	0	0	1	0	0	0	0	0	0	3	22	23
17:00	1	0	0	2	1	1	1	2	0	0	0	0	0	0	8	22	23
18:00	2	0	0	0	0	1	2	0	0	0	1	0	0	0	6	30	32
19:00	0	0	1	0	1	0	0	1	0	0	0	0	0	0	3	22	23
20:00	0	0	0	1	0	1	1	1	0	0	0	0	0	0	4	22	23
21:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	22	23
22:00	0	0	0	0	1	0	3	0	0	0	0	0	0	0	4	20	20
23:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
Total	6	0	1	5	8	12	18	21	5	3	1	0	0	0	80		
Percent	7.5%	0.0%	1.3%	6.3%	10.0%	15.0%	22.5%	26.3%	6.3%	3.8%	1.3%	0.0%	0.0%	0.0%			
AM Peak	09:00			09:00	01:00	11:00	10:00	11:00	10:00	09:00					11:00		
Vol.	1			1	1	2	2	2	2	1					6		
PM Peak	18:00		19:00	17:00	13:00	13:00	14:00	13:00	13:00	13:00	18:00				13:00		
Vol.	2		1	2	1	2	3	5	1	1	1				10		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

NB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/08/19	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
01:00	1	0	0	2	0	0	0	0	0	0	0	0	0	0	3	11	11
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	1	0	0	2	0	0	1	0	0	0	0	0	0	0	4	19	20
09:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
10:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
11:00	0	0	0	1	1	2	1	0	1	0	0	0	0	0	6	24	26
12 PM	0	0	0	0	0	0	2	2	1	0	0	0	0	0	5	24	26
13:00	1	0	0	0	0	2	1	1	2	0	0	0	0	0	7	25	26
14:00	0	0	0	3	0	1	2	1	0	0	0	0	0	0	7	20	22
15:00	0	0	0	0	2	0	3	2	0	0	0	0	0	0	7	22	23
16:00	1	0	0	0	0	2	3	1	1	1	0	0	0	0	9	25	28
17:00	0	0	0	1	1	3	1	2	0	0	0	0	0	0	8	22	23
18:00	1	0	0	0	0	0	1	2	1	0	0	0	0	0	5	24	26
19:00	1	0	0	0	2	0	0	2	0	0	0	0	0	0	5	22	23
20:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
21:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
22:00	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	26	26
23:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	35	35
Total	6	0	0	9	8	13	17	14	8	1	0	1	0	0	77		
Percent	7.8%	0.0%	0.0%	11.7%	10.4%	16.9%	22.1%	18.2%	10.4%	1.3%	0.0%	1.3%	0.0%	0.0%			
AM Peak	01:00			01:00	00:00	11:00	06:00		09:00						11:00		
Vol.	1			2	1	2	1		1						6		
PM Peak	13:00			14:00	15:00	17:00	15:00	12:00	13:00	16:00		23:00			16:00		
Vol.	1			3	2	3	3	2	2	1		1			9		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

NB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/09/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	11	11
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
07:00	2	1	0	0	0	0	0	2	0	0	0	0	0	0	5	22	23
08:00	4	0	0	0	0	1	3	3	1	0	0	0	0	0	12	23	25
09:00	0	0	0	1	0	1	0	0	3	0	0	0	0	0	5	26	26
10:00	2	0	0	1	0	1	0	1	0	0	0	0	0	0	5	21	23
11:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	20	20
12 PM	0	0	0	0	0	1	2	1	1	0	0	0	0	0	5	24	26
13:00	1	0	0	1	0	1	2	2	0	0	0	0	0	0	7	22	23
14:00	3	0	0	1	1	1	2	4	1	0	0	0	0	0	13	23	25
15:00	1	0	0	0	0	0	2	7	3	3	0	0	0	0	16	27	29
16:00	3	0	0	0	0	3	1	1	1	0	0	0	0	0	9	22	25
17:00	2	0	0	1	0	1	1	2	0	0	0	0	0	0	7	22	23
18:00	2	0	0	0	1	2	4	0	1	0	0	0	0	0	10	20	25
19:00	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4	22	23
20:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
21:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
22:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	11	11
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	20	1	0	7	3	13	22	26	13	3	0	0	0	0	108		
Percent	18.5%	0.9%	0.0%	6.5%	2.8%	12.0%	20.4%	24.1%	12.0%	2.8%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00		02:00	11:00	08:00	08:00	08:00	09:00						08:00		
Vol.	4	1		1	1	1	3	3	3						12		
PM Peak	14:00			13:00	14:00	16:00	18:00	15:00	15:00	15:00					15:00		
Vol.	3			1	1	3	4	7	3	3					16		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/10/19	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	26	26
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	20	20
07:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	17	17
08:00	2	0	0	1	1	0	3	3	1	0	0	0	0	0	11	23	25
09:00	0	0	0	0	1	0	2	1	2	0	0	0	0	0	6	25	26
10:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
11:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	26	26
12 PM	0	0	0	0	0	1	3	0	1	0	0	0	0	0	5	24	26
13:00	0	0	0	0	0	2	3	1	0	0	0	0	0	0	6	21	23
14:00	2	0	0	0	0	0	0	2	1	0	0	0	0	0	5	24	26
15:00	1	0	0	1	0	3	3	1	3	0	0	0	0	0	12	25	26
16:00	0	0	0	0	0	1	3	4	0	0	0	0	0	0	8	23	23
17:00	3	0	0	1	2	0	3	4	0	0	0	0	0	0	13	22	23
18:00	2	0	0	1	3	2	5	1	0	1	0	0	0	0	15	20	27
19:00	3	0	0	0	2	0	1	1	0	0	1	0	0	0	8	23	31
20:00	1	0	1	0	1	2	0	2	1	1	0	0	0	0	9	25	28
21:00	0	0	0	0	1	0	1	1	0	0	0	0	0	0	3	22	23
22:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	17	17
23:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2	23	23
Total	16	0	1	4	13	14	30	25	11	2	1	0	0	0	117		
Percent	13.7%	0.0%	0.9%	3.4%	11.1%	12.0%	25.6%	21.4%	9.4%	1.7%	0.9%	0.0%	0.0%	0.0%			
AM Peak	08:00			08:00	02:00	00:00	06:00	08:00	09:00						08:00		
Vol.	2			1	1	1	3	3	2						11		
PM Peak	17:00		20:00	15:00	18:00	15:00	18:00	16:00	15:00	18:00	19:00				18:00		
Vol.	3		1	1	3	3	5	4	3	1	1				15		
Grand Total	99	2	9	34	54	92	146	166	84	18	3	1	0	0	708		
Percent	14.0%	0.3%	1.3%	4.8%	7.6%	13.0%	20.6%	23.4%	11.9%	2.5%	0.4%	0.1%	0.0%	0.0%			

15th Percentile : 7 MPH
 50th Percentile : 19 MPH
 85th Percentile : 23 MPH
 95th Percentile : 26 MPH

Statistics
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 432
 Percent in Pace : 61.0%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 18 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/04/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	20	20
05:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	11	11
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	0	0	1	0	1	2	0	0	0	0	0	4	26	26
08:00	0	0	0	1	0	3	3	0	3	0	0	0	0	0	10	25	26
09:00	0	0	0	0	0	0	2	4	1	1	0	0	0	0	8	26	28
10:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	20	20
11:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3	23	23
12 PM	1	0	0	1	1	2	0	2	0	0	0	0	0	0	7	22	23
13:00	0	0	0	0	2	0	0	1	0	0	0	0	0	0	3	22	23
14:00	1	0	0	0	0	0	0	2	0	0	0	0	0	0	3	23	23
15:00	1	0	0	0	1	1	1	4	3	2	0	0	0	0	13	27	29
16:00	1	0	0	0	3	0	1	1	0	0	0	0	0	0	6	21	23
17:00	0	0	0	0	1	0	1	1	0	0	0	0	0	0	3	22	23
18:00	0	0	0	1	0	0	1	1	0	0	0	0	0	0	3	22	23
19:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	23	23
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
21:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	20	20
22:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	4	0	0	4	12	7	13	20	9	4	0	0	0	0	73		
Percent	5.5%	0.0%	0.0%	5.5%	16.4%	9.6%	17.8%	27.4%	12.3%	5.5%	0.0%	0.0%	0.0%	0.0%			
AM Peak				05:00	04:00	08:00	08:00	09:00	08:00	09:00					08:00		
Vol.				1	1	3	3	4	3	1					10		
PM Peak	12:00			12:00	16:00	12:00	15:00	15:00	15:00	15:00					15:00		
Vol.	1			1	3	2	1	4	3	2					13		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	1	0	0	0	2	0	0	0	0	0	0	3	23	23
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
07:00	0	0	0	0	0	1	1	4	2	0	0	0	0	0	8	25	26
08:00	2	0	0	0	0	1	6	4	2	0	0	0	0	0	15	23	25
09:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	20	20
10:00	0	0	0	0	1	1	3	0	0	1	0	0	0	0	6	27	29
11:00	0	0	1	0	0	1	1	1	0	0	0	0	0	0	4	22	23
12 PM	0	0	0	0	1	0	2	1	0	0	0	0	0	0	4	22	23
13:00	1	0	0	0	1	0	1	1	1	0	0	0	0	0	5	24	26
14:00	2	0	0	0	1	0	0	1	1	0	0	0	0	0	5	24	26
15:00	4	0	0	1	3	3	2	0	2	0	0	0	0	0	15	20	25
16:00	3	0	0	1	1	0	1	1	0	0	0	0	0	0	7	20	22
17:00	0	0	0	0	0	2	3	1	0	0	0	0	0	0	6	21	23
18:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
19:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	22	23
20:00	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3	25	26
21:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
22:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
Total	15	0	1	3	9	13	24	19	9	1	0	0	0	0	94		
Percent	16.0%	0.0%	1.1%	3.2%	9.6%	13.8%	25.5%	20.2%	9.6%	1.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00		11:00	04:00	09:00	07:00	08:00	07:00	07:00	10:00					08:00		
Vol.	2		1	1	1	1	6	4	2	1					15		
PM Peak	15:00			15:00	15:00	15:00	17:00	12:00	15:00						15:00		
Vol.	4			1	3	3	3	1	2						15		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	0	1	2	2	2	0	0	0	0	0	0	7	22	23
08:00	1	0	0	0	0	2	3	5	2	1	0	0	0	0	14	25	27
09:00	0	0	0	0	0	2	1	1	0	0	0	0	0	0	4	22	23
10:00	1	0	0	1	0	0	0	2	0	0	0	0	0	0	4	23	23
11:00	2	0	0	0	2	0	0	4	0	0	0	0	0	0	8	23	23
12 PM	3	0	0	1	2	0	0	0	0	0	0	0	0	0	6	13	14
13:00	1	0	0	0	1	0	2	0	0	0	0	0	0	0	4	20	20
14:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3	20	20
15:00	0	0	0	0	0	3	2	4	2	0	0	0	0	0	11	24	26
16:00	0	0	0	0	0	0	2	2	0	0	0	0	0	0	4	23	23
17:00	0	0	0	0	0	3	6	2	1	0	0	0	0	0	12	22	25
18:00	0	0	0	0	2	2	1	0	1	0	0	0	0	0	6	24	26
19:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	14	14
20:00	1	0	0	0	0	3	3	0	0	1	0	0	0	0	8	20	28
21:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	9	0	0	3	11	18	25	22	6	2	0	0	0	0	96		
Percent	9.4%	0.0%	0.0%	3.1%	11.5%	18.8%	26.0%	22.9%	6.3%	2.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00			10:00	11:00	07:00	08:00	08:00	08:00	08:00					08:00		
Vol.	2			1	2	2	3	5	2	1					14		
PM Peak	12:00			12:00	12:00	15:00	17:00	15:00	15:00	20:00					17:00		
Vol.	3			1	2	3	6	4	2	1					12		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/07/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
06:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	17	17
07:00	1	0	0	0	0	0	0	0	0	1	0	0	0	0	2	29	29
08:00	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4	22	23
09:00	0	0	0	0	2	2	0	1	0	0	0	0	0	0	5	21	23
10:00	0	0	0	0	0	1	3	1	1	1	0	0	0	0	7	26	28
11:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
12 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
13:00	0	0	1	1	0	1	2	1	0	0	0	0	0	0	6	21	23
14:00	0	0	0	0	0	1	2	1	1	0	0	0	0	0	5	24	26
15:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2	23	23
16:00	1	0	0	1	1	2	0	1	0	0	0	0	0	0	6	21	23
17:00	1	0	0	0	0	2	2	1	1	0	0	0	0	0	7	23	25
18:00	0	0	0	0	0	1	3	0	1	0	0	0	0	0	5	24	26
19:00	1	0	0	0	1	0	2	1	0	0	0	0	0	0	5	21	23
20:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	22	23
21:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	17	17
22:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
Total	5	0	1	2	6	16	21	13	4	2	0	0	0	0	70		
Percent	7.1%	0.0%	1.4%	2.9%	8.6%	22.9%	30.0%	18.6%	5.7%	2.9%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00				09:00	09:00	08:00	04:00	10:00	07:00					10:00		
Vol.	1				2	2	3	1	1	1					7		
PM Peak	15:00		13:00	13:00	16:00	16:00	18:00	12:00	14:00						17:00		
Vol.	1		1	1	1	2	3	1	1						7		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/08/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	26	26
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	0	0	0	0	0	2	2	1	0	0	0	0	0	0	5	21	23
09:00	0	0	0	0	1	1	1	1	0	0	0	0	0	0	4	22	23
10:00	0	0	0	1	0	1	2	0	0	0	0	0	0	0	4	20	20
11:00	1	0	0	1	0	3	0	1	0	0	0	0	0	0	6	21	23
12 PM	0	0	0	0	1	0	2	1	0	0	0	0	0	0	4	22	23
13:00	1	0	0	0	0	2	1	1	1	0	0	0	0	0	6	24	26
14:00	3	0	0	0	1	0	0	0	0	0	0	0	0	0	4	13	14
15:00	0	0	0	1	0	2	4	3	0	0	0	0	0	0	10	22	23
16:00	0	0	0	0	1	0	1	2	1	0	0	0	0	0	5	24	26
17:00	1	0	0	0	0	1	1	1	1	0	0	0	0	0	5	24	26
18:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
20:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	6	0	0	3	4	15	16	13	4	0	0	0	0	0	61		
Percent	9.8%	0.0%	0.0%	4.9%	6.6%	24.6%	26.2%	21.3%	6.6%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00			10:00	09:00	11:00	08:00	06:00	06:00						11:00		
Vol.	1			1	1	3	2	1	1						6		
PM Peak	14:00			15:00	12:00	13:00	15:00	15:00	13:00						15:00		
Vol.	3			1	1	2	4	3	1						10		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
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 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/09/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
06:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	23	23
07:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	29	29
08:00	2	0	0	0	0	1	3	8	1	0	0	0	0	0	15	23	24
09:00	1	0	1	0	0	0	1	0	0	0	0	0	0	0	3	19	20
10:00	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	20	20
11:00	1	0	0	0	1	1	1	0	0	0	0	0	0	0	4	19	20
12 PM	1	0	0	0	0	1	1	0	1	0	0	0	0	0	4	25	26
13:00	1	0	0	0	1	0	0	2	0	0	0	0	0	0	4	23	23
14:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	25	26
15:00	1	0	0	0	0	1	0	4	3	0	0	0	0	0	9	25	26
16:00	1	0	0	0	0	0	4	1	1	0	0	0	0	0	7	23	25
17:00	1	0	0	2	0	0	1	0	0	0	0	0	0	0	4	19	20
18:00	2	0	0	2	0	2	3	0	0	0	0	0	0	0	9	19	20
19:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	23	23
20:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	17	17
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	12	0	1	5	4	8	17	18	7	1	0	0	0	0	73		
Percent	16.4%	0.0%	1.4%	6.8%	5.5%	11.0%	23.3%	24.7%	9.6%	1.4%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00		09:00	10:00	05:00	06:00	08:00	08:00	08:00	07:00					08:00		
Vol.	2		1	1	1	1	3	8	1	1					15		
PM Peak	18:00			17:00	13:00	18:00	16:00	15:00	15:00						15:00		
Vol.	2			2	1	2	4	4	3						9		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR W/O VINCA PL
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190311
 Station ID: 190311

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/10/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
07:00	0	0	0	0	0	0	1	2	0	1	0	0	0	0	4	28	29
08:00	0	0	0	1	0	4	1	6	3	1	0	0	0	0	16	25	27
09:00	0	0	0	2	0	0	0	1	1	0	0	0	0	0	4	25	26
10:00	1	0	0	1	0	0	2	1	1	0	0	0	0	0	6	24	26
11:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2	23	23
12 PM	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4	23	23
13:00	0	0	0	0	0	2	3	2	0	1	0	0	0	0	8	23	28
14:00	0	0	0	0	1	1	0	2	1	0	0	0	0	0	5	24	26
15:00	4	0	0	1	2	0	5	0	1	1	0	0	0	0	14	20	27
16:00	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	26	26
17:00	2	0	0	0	0	1	2	4	1	0	0	0	0	0	10	23	25
18:00	0	0	0	1	0	1	0	1	1	0	0	0	0	0	4	25	26
19:00	1	0	0	1	1	1	1	0	0	0	0	0	0	0	5	18	20
20:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	17	17
21:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
22:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	9	0	0	7	8	12	16	25	10	4	0	0	0	0	91		
Percent	9.9%	0.0%	0.0%	7.7%	8.8%	13.2%	17.6%	27.5%	11.0%	4.4%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00			09:00		08:00	10:00	08:00	08:00	07:00					08:00		
Vol.	1			2		4	2	6	3	1					16		
PM Peak	15:00			15:00	12:00	13:00	15:00	17:00	14:00	13:00					15:00		
Vol.	4			1	2	2	5	4	1	1					14		
Grand Total	60	0	3	27	54	89	132	130	49	14	0	0	0	0	558		
Percent	10.8%	0.0%	0.5%	4.8%	9.7%	15.9%	23.7%	23.3%	8.8%	2.5%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 11 MPH
 50th Percentile : 19 MPH
 85th Percentile : 23 MPH
 95th Percentile : 26 MPH

Statistics
 10 MPH Pace Speed : 15-24 MPH
 Number in Pace : 369
 Percent in Pace : 66.1%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 18 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/04/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	32	32
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	1	1	0	0	1	0	0	3	34	35
07:00	3	0	0	0	0	0	0	2	6	2	0	1	0	1	15	28	33
08:00	0	0	0	0	0	1	2	4	8	2	1	0	1	0	19	28	36
09:00	0	0	0	0	0	0	0	8	7	4	3	0	0	0	22	29	31
10:00	0	0	0	0	0	0	0	2	8	1	2	0	0	0	13	30	32
11:00	2	0	0	0	0	0	1	1	2	3	2	0	1	0	12	31	37
12 PM	0	0	0	0	0	0	2	1	3	3	0	1	0	0	10	29	34
13:00	1	0	0	0	0	0	2	2	1	1	0	0	0	0	7	26	28
14:00	0	0	0	0	0	0	2	3	7	4	0	1	0	0	17	28	33
15:00	2	0	0	0	0	0	0	5	5	2	1	0	0	0	15	28	30
16:00	0	0	0	0	0	1	2	3	1	2	0	0	0	0	9	27	29
17:00	2	0	0	0	0	1	1	5	2	6	1	0	0	0	18	29	30
18:00	2	0	0	0	0	0	2	4	1	2	1	0	0	0	12	28	31
19:00	1	0	0	0	0	0	0	7	3	2	0	0	0	0	13	27	29
20:00	1	0	0	0	0	0	1	0	3	1	0	0	0	0	6	27	29
21:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	14	0	0	0	0	3	15	49	58	35	12	4	2	1	193		
Percent	7.3%	0.0%	0.0%	0.0%	0.0%	1.6%	7.8%	25.4%	30.1%	18.1%	6.2%	2.1%	1.0%	0.5%			
AM Peak	07:00					08:00	08:00	09:00	08:00	09:00	09:00	06:00	08:00	07:00	09:00		
Vol.	3					1	2	8	8	4	3	1	1	1	22		
PM Peak	15:00					16:00	12:00	19:00	14:00	17:00	15:00	12:00			17:00		
Vol.	2					1	2	7	7	6	1	1			18		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	32	32
05:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	26	26
06:00	0	0	0	0	0	0	0	0	1	1	2	0	0	0	4	32	32
07:00	3	0	0	0	0	0	3	2	8	2	0	1	0	0	19	27	33
08:00	2	0	0	0	0	0	2	3	7	11	1	0	0	0	26	29	29
09:00	0	0	0	0	0	0	1	0	3	6	1	0	0	0	11	29	31
10:00	0	0	0	0	0	0	0	0	6	2	1	1	0	0	10	31	34
11:00	0	0	0	0	0	0	0	0	2	3	0	0	0	0	5	29	29
12 PM	0	0	0	0	0	0	1	2	2	2	0	0	0	0	7	28	29
13:00	2	0	0	0	0	2	0	3	6	3	0	0	0	0	16	27	29
14:00	0	0	0	0	0	1	1	2	3	1	0	0	0	0	8	26	28
15:00	5	0	0	0	0	1	2	5	4	3	0	0	0	0	20	27	29
16:00	1	0	0	0	1	0	1	5	8	2	0	0	0	0	18	26	28
17:00	0	0	0	0	0	2	1	9	6	5	0	0	0	0	23	27	29
18:00	1	0	0	0	0	1	2	6	7	2	0	0	0	0	19	26	28
19:00	1	0	0	0	0	0	0	2	1	2	0	0	0	0	6	28	29
20:00	2	0	0	0	0	0	0	2	1	1	0	0	0	0	6	27	29
21:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2	26	26
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	35	35
Total	18	0	0	0	1	7	14	41	68	46	6	3	0	0	204		
Percent	8.8%	0.0%	0.0%	0.0%	0.5%	3.4%	6.9%	20.1%	33.3%	22.5%	2.9%	1.5%	0.0%	0.0%			
AM Peak	07:00						07:00	08:00	07:00	08:00	06:00	07:00			08:00		
Vol.	3						3	3	8	11	2	1			26		
PM Peak	15:00				16:00	13:00	15:00	17:00	16:00	17:00		23:00			17:00		
Vol.	5				1	2	2	9	8	5		1			23		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

NB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
05:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	26	26
06:00	1	0	0	0	0	0	0	0	1	1	3	0	0	0	6	32	32
07:00	1	0	0	0	0	1	4	5	7	2	0	1	0	0	21	26	29
08:00	1	0	0	0	0	0	3	10	6	2	0	0	0	0	22	26	28
09:00	1	0	0	0	0	0	1	2	4	5	2	1	0	0	16	30	33
10:00	0	0	0	0	0	0	1	1	5	3	0	0	0	0	10	28	29
11:00	0	0	0	0	0	0	1	0	1	2	0	0	0	0	4	29	29
12 PM	1	0	0	0	0	2	4	5	3	4	4	1	0	0	24	31	32
13:00	0	0	0	0	0	0	1	3	4	0	0	0	0	0	8	26	26
14:00	1	0	0	0	0	0	1	3	2	2	2	0	0	0	11	30	32
15:00	2	0	0	0	0	1	2	1	6	2	1	0	0	0	15	28	30
16:00	0	0	0	0	0	2	4	1	4	2	0	0	0	0	13	27	29
17:00	2	0	0	0	0	0	2	10	5	4	0	0	0	0	23	27	29
18:00	1	0	0	0	0	0	2	1	5	5	1	0	0	0	15	29	30
19:00	0	0	0	0	0	0	3	1	3	2	2	0	0	0	11	30	32
20:00	3	0	0	0	0	1	3	2	2	0	0	0	0	0	11	24	26
21:00	0	0	0	0	0	1	0	0	1	1	0	0	0	0	3	28	29
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	32	32
Total	14	0	0	0	0	8	32	46	61	38	16	3	0	0	218		
Percent	6.4%	0.0%	0.0%	0.0%	0.0%	3.7%	14.7%	21.1%	28.0%	17.4%	7.3%	1.4%	0.0%	0.0%			
AM Peak	06:00					07:00	07:00	08:00	07:00	09:00	06:00	07:00			08:00		
Vol.	1					1	4	10	7	5	3	1			22		
PM Peak	20:00					12:00	12:00	17:00	15:00	18:00	12:00	12:00			12:00		
Vol.	3					2	4	10	6	5	4	1			24		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

NB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/07/19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
06:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	29	29
07:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	35	35
08:00	1	0	0	0	0	0	0	0	2	2	1	0	0	0	6	30	32
09:00	1	0	0	0	0	0	0	3	2	1	1	0	0	0	8	29	31
10:00	0	0	0	0	0	1	2	7	1	3	2	1	0	0	17	30	33
11:00	2	0	0	0	0	1	3	3	8	1	1	0	1	0	20	27	36
12 PM	4	0	0	0	0	0	0	4	6	1	2	0	0	0	17	28	31
13:00	3	0	0	0	0	1	2	1	1	2	1	0	0	0	11	29	31
14:00	1	0	0	0	0	0	1	0	5	2	2	0	0	0	11	30	32
15:00	2	0	0	0	0	0	0	7	3	3	0	0	0	0	15	27	29
16:00	1	0	0	0	0	0	0	0	2	3	2	1	0	0	9	32	34
17:00	1	0	0	0	0	0	0	1	2	4	2	0	0	0	10	30	32
18:00	0	0	0	0	0	0	1	5	3	1	0	0	0	0	10	26	28
19:00	0	0	0	0	0	0	2	3	3	2	1	0	0	0	11	29	31
20:00	1	0	0	0	0	0	3	3	2	0	0	0	0	0	9	24	26
21:00	1	0	0	0	0	0	0	0	0	1	0	0	0	0	2	29	29
22:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	29	29
23:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
Total	18	0	0	0	0	3	16	38	45	28	15	3	1	0	167		
Percent	10.8%	0.0%	0.0%	0.0%	0.0%	1.8%	9.6%	22.8%	26.9%	16.8%	9.0%	1.8%	0.6%	0.0%			
AM Peak	11:00					10:00	11:00	10:00	11:00	10:00	10:00	07:00	11:00		11:00		
Vol.	2					1	3	7	8	3	2	1	1		20		
PM Peak	12:00					13:00	20:00	15:00	12:00	17:00	12:00	16:00			12:00		
Vol.	4					1	3	7	6	4	2	1			17		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

NB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/08/19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
01:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	32	32
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
07:00	0	0	0	0	0	0	0	0	3	1	1	0	0	0	5	30	32
08:00	1	0	0	0	0	0	0	0	1	1	0	0	0	0	3	28	29
09:00	0	0	0	0	0	0	0	4	2	2	1	0	0	0	9	29	31
10:00	1	0	0	0	0	1	3	2	2	6	1	0	1	0	17	29	36
11:00	0	0	0	0	0	1	2	5	6	2	0	0	0	0	16	26	28
12 PM	0	0	0	0	0	0	0	4	2	4	0	0	0	0	10	28	29
13:00	5	0	0	0	1	1	1	5	2	3	2	0	0	0	20	28	31
14:00	0	0	0	0	0	0	3	5	4	3	4	0	0	0	19	30	32
15:00	0	0	0	0	0	2	3	2	4	3	0	0	0	0	14	27	29
16:00	1	0	0	0	0	0	3	2	3	1	0	0	0	0	10	26	28
17:00	1	0	0	0	0	1	0	0	4	4	0	0	0	0	10	28	29
18:00	2	0	0	0	0	1	1	3	1	2	1	0	1	0	12	30	37
19:00	0	0	0	0	0	0	1	1	6	1	2	0	0	0	11	30	32
20:00	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3	25	26
21:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	26	26
22:00	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4	25	26
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	12	0	0	0	1	8	19	36	44	34	13	0	2	0	169		
Percent	7.1%	0.0%	0.0%	0.0%	0.6%	4.7%	11.2%	21.3%	26.0%	20.1%	7.7%	0.0%	1.2%	0.0%			
AM Peak	06:00					10:00	10:00	11:00	11:00	10:00	01:00		10:00		10:00		
Vol.	1					1	3	5	6	6	1		1		17		
PM Peak	13:00				13:00	15:00	14:00	13:00	19:00	12:00	14:00		18:00		13:00		
Vol.	5				1	2	3	5	6	4	4		1		20		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/09/19	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	35	35
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	1	0	0	2	0	0	0	0	3	29	29
07:00	2	0	0	0	0	0	0	3	5	6	1	0	0	0	17	29	30
08:00	1	0	0	0	0	0	3	6	6	3	3	0	0	0	22	29	31
09:00	1	0	0	0	0	1	0	2	1	5	1	0	0	0	11	29	31
10:00	0	0	0	0	0	0	1	1	2	5	0	0	0	0	9	29	29
11:00	0	0	0	0	0	0	0	4	2	2	0	0	0	0	8	28	29
12 PM	0	0	0	0	0	0	0	3	4	4	2	0	0	0	13	30	32
13:00	0	0	0	0	0	0	4	5	4	4	1	0	0	0	18	28	30
14:00	1	0	0	0	0	1	0	2	4	3	0	0	0	0	11	28	29
15:00	0	0	0	0	0	1	1	4	7	4	3	0	0	0	20	30	32
16:00	1	0	0	0	0	1	1	4	7	3	2	0	0	0	19	29	31
17:00	2	0	0	0	0	1	3	3	0	3	2	1	0	0	15	31	33
18:00	1	0	0	0	0	0	1	4	6	0	1	0	0	0	13	26	31
19:00	0	0	0	0	0	0	0	5	3	0	0	0	0	0	8	25	26
20:00	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4	25	26
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	35	35
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	9	0	0	0	0	5	15	49	53	45	16	3	0	0	195		
Percent	4.6%	0.0%	0.0%	0.0%	0.0%	2.6%	7.7%	25.1%	27.2%	23.1%	8.2%	1.5%	0.0%	0.0%			
AM Peak	07:00					09:00	08:00	08:00	08:00	07:00	08:00	02:00			08:00		
Vol.	2					1	3	6	6	6	3	1			22		
PM Peak	17:00					14:00	13:00	13:00	15:00	12:00	15:00	17:00			15:00		
Vol.	2					1	4	5	7	4	3	1			20		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/10/19	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	32	32
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	29	29
05:00	0	0	0	0	0	0	1	0	1	1	0	0	0	0	3	28	29
06:00	0	0	0	0	0	0	0	1	1	1	1	1	0	0	5	33	35
07:00	1	0	0	0	2	0	1	5	6	1	6	0	0	0	22	31	32
08:00	0	0	0	0	0	1	1	10	9	3	2	0	0	0	26	28	31
09:00	1	0	0	0	0	1	1	5	5	7	2	1	0	0	23	29	32
10:00	0	0	0	0	0	0	0	1	3	1	2	0	0	0	7	31	32
11:00	0	0	0	0	0	1	0	3	2	2	1	0	0	0	9	29	31
12 PM	2	0	0	0	0	1	1	2	1	5	1	0	0	0	13	29	31
13:00	4	0	0	0	0	0	0	3	3	1	0	0	0	0	11	26	28
14:00	1	0	0	0	0	0	1	4	4	5	2	0	0	0	17	29	31
15:00	0	0	0	0	0	0	0	2	4	3	0	1	0	0	10	29	34
16:00	1	0	0	0	0	0	0	8	4	1	3	0	0	0	17	30	32
17:00	1	0	0	0	0	0	1	8	9	2	0	1	0	0	22	26	29
18:00	3	0	0	0	0	2	1	4	3	3	2	0	0	0	18	29	31
19:00	0	0	0	0	0	0	3	4	2	2	1	0	0	0	12	28	31
20:00	0	0	0	0	0	0	1	1	1	1	0	0	0	0	4	28	29
21:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	32	32
22:00	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3	31	32
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	14	0	0	0	2	6	12	62	61	40	26	4	0	0	227		
Percent	6.2%	0.0%	0.0%	0.0%	0.9%	2.6%	5.3%	27.3%	26.9%	17.6%	11.5%	1.8%	0.0%	0.0%			
AM Peak	07:00				07:00	08:00	05:00	08:00	08:00	09:00	07:00	06:00			08:00		
Vol.	1				2	1	1	10	9	7	6	1			26		
PM Peak	13:00					18:00	19:00	16:00	17:00	12:00	16:00	15:00			17:00		
Vol.	4					2	3	8	9	5	3	1			22		
Grand Total	99	0	0	0	4	40	123	321	390	266	104	20	5	1	1373		
Percent	7.2%	0.0%	0.0%	0.0%	0.3%	2.9%	9.0%	23.4%	28.4%	19.4%	7.6%	1.5%	0.4%	0.1%			

15th Percentile : 19 MPH
 50th Percentile : 24 MPH
 85th Percentile : 29 MPH
 95th Percentile : 31 MPH

Statistics
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 1018
 Percent in Pace : 74.2%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 24 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
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 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/04/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
05:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	2
06:00	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	2	2
07:00	13	0	0	0	0	1	2	2	2	0	0	0	0	0	20	22	25
08:00	12	0	0	0	0	1	1	1	2	0	0	0	0	0	17	22	25
09:00	18	0	0	0	0	1	3	2	3	0	0	0	0	0	27	22	25
10:00	4	0	0	0	0	1	3	2	5	1	0	0	0	0	16	26	27
11:00	6	0	0	0	0	0	0	1	4	4	0	0	0	0	15	28	29
12 PM	5	0	0	0	0	2	2	4	2	0	0	0	0	0	15	23	25
13:00	7	0	0	0	0	0	2	5	6	1	1	0	0	0	22	26	29
14:00	7	0	0	0	0	0	0	5	3	0	0	0	0	0	15	24	26
15:00	8	0	0	0	0	0	4	3	3	0	0	0	0	0	18	24	26
16:00	26	0	0	0	0	1	7	9	2	2	0	0	0	0	47	22	26
17:00	22	0	0	0	0	0	1	4	6	3	0	0	0	0	36	25	28
18:00	13	0	0	0	0	0	3	8	6	0	0	0	0	0	30	24	26
19:00	12	0	0	0	0	1	4	10	3	0	1	0	0	0	31	23	26
20:00	13	0	0	0	0	1	5	3	5	0	0	0	0	0	27	24	26
21:00	5	0	0	0	0	0	2	3	1	2	0	0	0	0	13	27	29
22:00	2	0	0	0	0	0	0	1	0	0	0	0	0	0	3	22	23
23:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	29	29
Total	187	0	0	0	0	9	41	63	54	14	2	0	0	0	370		
Percent	50.5%	0.0%	0.0%	0.0%	0.0%	2.4%	11.1%	17.0%	14.6%	3.8%	0.5%	0.0%	0.0%	0.0%			
AM Peak	09:00					07:00	09:00	07:00	10:00	11:00					09:00		
Vol.	18					1	3	2	5	4					27		
PM Peak	16:00					12:00	16:00	19:00	13:00	17:00	13:00				16:00		
Vol.	26					2	7	10	6	3	1				47		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
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 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	2	0	0	0	0	0	0	1	0	0	0	0	0	0	3	22	23
05:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	20	20
06:00	5	0	0	0	0	0	0	0	1	0	0	0	0	0	6	24	26
07:00	13	0	0	0	0	0	3	2	3	1	0	0	0	0	22	24	26
08:00	14	0	0	0	0	1	1	2	3	0	0	0	0	0	21	23	25
09:00	4	0	0	0	0	0	1	4	0	2	0	0	0	0	11	27	29
10:00	4	0	0	0	0	1	0	1	1	0	0	0	0	0	7	23	25
11:00	6	0	0	0	0	0	0	4	2	1	0	0	0	0	13	25	28
12 PM	8	0	0	0	1	0	5	2	0	3	0	0	0	0	19	27	29
13:00	6	0	0	0	0	0	1	5	2	2	0	0	0	0	16	26	28
14:00	4	0	0	0	0	0	1	2	4	1	0	0	0	0	12	26	28
15:00	16	0	0	0	0	0	2	9	4	1	0	0	0	0	32	24	26
16:00	7	0	0	0	0	1	4	9	3	4	0	0	0	0	28	26	28
17:00	9	0	0	0	0	1	6	15	4	4	1	0	0	0	40	26	29
18:00	9	0	0	0	0	0	4	8	9	1	0	0	0	0	31	25	26
19:00	10	0	0	0	0	2	6	7	2	0	0	0	0	0	27	23	24
20:00	4	0	0	0	0	1	3	2	0	0	0	0	0	0	10	21	23
21:00	6	0	0	0	0	0	1	5	2	0	0	0	0	0	14	23	25
22:00	2	0	0	0	0	1	0	2	0	0	0	0	0	0	5	22	23
23:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2	23	23
Total	132	0	0	0	1	8	39	81	40	20	1	0	0	0	322		
Percent	41.0%	0.0%	0.0%	0.0%	0.3%	2.5%	12.1%	25.2%	12.4%	6.2%	0.3%	0.0%	0.0%	0.0%			
AM Peak	08:00					08:00	07:00	09:00	07:00	09:00							07:00
Vol.	14					1	3	4	3	2							22
PM Peak	15:00				12:00	19:00	17:00	17:00	18:00	16:00	17:00						17:00
Vol.	16				1	2	6	15	9	4	1						40

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	14	14
03:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
05:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
06:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	2
07:00	15	0	0	0	0	0	2	2	1	0	0	0	0	0	20	21	24
08:00	17	0	0	0	0	1	3	2	2	0	0	0	0	0	25	21	25
09:00	5	0	0	0	0	0	2	2	0	0	1	0	0	0	10	23	31
10:00	5	0	0	0	0	0	2	4	1	1	0	0	0	0	13	24	28
11:00	7	0	0	0	0	0	1	2	5	1	0	0	0	0	16	26	27
12 PM	8	0	0	0	0	0	1	1	4	0	0	0	0	0	14	25	26
13:00	4	0	0	0	0	0	1	2	6	3	0	0	0	0	16	27	29
14:00	6	0	0	0	0	0	1	4	3	0	0	0	0	0	14	24	26
15:00	14	0	0	0	0	1	2	5	3	1	0	0	0	0	26	24	26
16:00	31	0	0	0	1	0	6	8	2	2	1	0	0	0	51	23	27
17:00	22	0	0	0	1	3	4	10	3	0	0	0	0	0	43	22	24
18:00	9	0	0	0	0	1	5	10	3	1	0	0	0	0	29	23	26
19:00	16	0	0	0	0	1	3	4	6	1	0	0	0	0	31	25	26
20:00	6	0	0	0	0	0	5	2	2	0	0	0	0	0	15	23	25
21:00	4	0	0	0	0	1	3	4	0	0	0	0	0	0	12	22	23
22:00	4	0	0	0	0	0	1	3	1	0	0	0	0	0	9	23	25
23:00	4	0	0	0	0	0	2	0	1	0	0	0	0	0	7	20	25
Total	187	0	0	0	3	8	44	66	43	10	2	0	0	0	363		
Percent	51.5%	0.0%	0.0%	0.0%	0.8%	2.2%	12.1%	18.2%	11.8%	2.8%	0.6%	0.0%	0.0%	0.0%			
AM Peak	08:00				02:00	08:00	08:00	10:00	11:00	10:00	09:00				08:00		
Vol.	17				1	1	3	4	5	1	1				25		
PM Peak	16:00				16:00	17:00	16:00	17:00	13:00	13:00	16:00				16:00		
Vol.	31				1	3	6	10	6	3	1				51		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/07/19	1	0	0	0	0	0	0	1	0	1	0	0	0	0	3	28	29
01:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	2	0	0	0	0	0	0	1	1	0	0	0	0	0	4	25	26
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
07:00	5	0	0	0	0	0	1	0	0	0	0	0	0	0	6	18	20
08:00	12	0	0	0	0	0	1	1	1	1	0	0	0	0	16	22	27
09:00	14	0	0	0	0	0	4	0	1	0	0	0	0	0	19	19	24
10:00	9	0	0	0	0	0	4	4	4	0	1	0	0	0	22	25	26
11:00	5	0	0	0	0	0	1	5	4	0	0	0	0	0	15	25	26
12 PM	8	0	0	0	0	0	3	4	3	0	0	0	0	0	18	24	26
13:00	9	0	0	0	0	3	6	5	2	0	0	0	0	0	25	22	25
14:00	7	0	0	0	0	1	5	5	7	2	0	0	0	0	27	26	27
15:00	9	0	0	0	0	1	2	3	4	2	0	0	0	0	21	26	28
16:00	11	0	0	0	0	0	2	3	3	1	1	0	0	0	21	25	29
17:00	18	0	0	0	0	0	2	2	3	1	0	0	0	0	26	24	26
18:00	21	0	0	0	0	1	1	6	3	3	0	0	0	0	35	24	28
19:00	15	0	0	0	0	1	5	4	2	0	0	0	0	0	27	22	24
20:00	11	0	0	0	0	0	3	3	2	0	0	0	0	0	19	23	25
21:00	3	0	0	0	0	1	3	3	1	0	0	0	0	0	11	23	25
22:00	4	0	0	0	0	0	3	3	2	0	0	0	0	0	12	24	26
23:00	7	0	0	0	0	2	1	0	0	0	0	0	0	0	10	17	19
Total	177	0	0	0	0	10	47	53	43	11	2	0	0	0	343		
Percent	51.6%	0.0%	0.0%	0.0%	0.0%	2.9%	13.7%	15.5%	12.5%	3.2%	0.6%	0.0%	0.0%	0.0%			
AM Peak	09:00						09:00	11:00	10:00	00:00	10:00				10:00		
Vol.	14						4	5	4	1	1				22		
PM Peak	18:00					13:00	13:00	18:00	14:00	18:00	16:00				18:00		
Vol.	21					3	6	6	7	3	1				35		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/08/19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
01:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	23	23
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
08:00	9	0	0	0	1	0	1	1	0	0	0	0	0	0	12	18	22
09:00	6	0	0	0	0	1	0	1	1	1	0	0	0	0	10	25	28
10:00	3	0	0	0	0	0	1	3	0	1	0	0	0	0	8	23	28
11:00	9	0	0	0	0	0	2	4	3	0	0	0	0	0	18	24	26
12 PM	6	0	0	0	0	1	2	1	3	3	0	0	0	0	16	27	29
13:00	6	0	0	0	0	5	10	10	6	1	1	0	0	0	39	25	27
14:00	14	0	0	0	0	0	2	3	4	0	0	0	0	0	23	24	26
15:00	29	0	0	0	0	0	7	3	2	0	0	0	0	0	41	20	23
16:00	17	0	0	0	0	0	2	5	2	1	0	0	0	0	27	23	26
17:00	14	0	0	0	0	0	1	2	1	2	2	0	0	0	22	28	31
18:00	12	0	0	0	0	0	3	3	5	0	1	0	0	0	24	25	26
19:00	8	0	0	0	0	0	1	0	4	0	0	0	1	0	14	26	36
20:00	16	0	0	0	0	0	0	1	1	0	0	0	0	0	18	2	24
21:00	6	0	0	0	0	0	0	1	0	0	0	0	0	0	7	2	22
22:00	5	0	0	0	0	0	0	1	0	0	0	0	0	0	6	21	23
23:00	2	0	0	0	0	0	0	0	0	0	1	0	0	0	3	31	32
Total	173	0	0	0	1	7	33	40	32	9	5	0	1	0	301		
Percent	57.5%	0.0%	0.0%	0.0%	0.3%	2.3%	11.0%	13.3%	10.6%	3.0%	1.7%	0.0%	0.3%	0.0%			
AM Peak	08:00				08:00	09:00	11:00	11:00	11:00	09:00					11:00		
Vol.	9				1	1	2	4	3	1					18		
PM Peak	15:00					13:00	13:00	13:00	13:00	12:00	17:00		19:00		15:00		
Vol.	29					5	10	10	6	3	2		1		41		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

SB

Start Time	1 3	4 6	7 9	10 12	13 15	16 18	19 21	22 24	25 27	28 30	31 33	34 36	37 39	40 999	Total	85th Percent	95th Percent
09/09/19	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
05:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
06:00	3	0	0	0	0	0	0	1	0	0	0	0	0	0	4	22	23
07:00	11	0	0	0	0	0	3	1	2	0	0	0	0	0	17	22	25
08:00	27	0	0	1	0	0	2	4	0	1	0	0	0	0	35	20	23
09:00	7	0	0	0	0	0	1	3	1	0	0	0	0	0	12	23	25
10:00	4	0	0	0	0	0	1	4	1	1	0	0	0	0	11	25	28
11:00	5	0	0	0	0	1	1	2	1	2	0	0	0	0	12	27	29
12 PM	3	0	0	0	0	0	2	1	5	2	0	0	0	0	13	27	29
13:00	7	0	0	0	0	1	2	1	2	0	0	0	0	0	13	24	26
14:00	7	0	0	0	0	0	1	7	2	2	0	0	0	0	19	25	28
15:00	16	0	0	0	0	0	1	5	3	3	1	0	0	0	29	26	29
16:00	19	0	0	0	0	0	3	4	5	1	0	0	0	0	32	24	26
17:00	36	0	0	0	0	0	1	3	8	1	1	0	0	0	50	24	26
18:00	17	0	0	0	0	1	4	6	6	2	0	0	0	0	36	25	27
19:00	14	0	0	0	0	1	2	6	4	3	0	0	0	0	30	25	28
20:00	6	0	0	0	0	0	3	4	3	0	0	0	0	0	16	24	26
21:00	12	0	0	0	0	0	0	4	2	0	0	0	0	0	18	23	25
22:00	4	0	0	0	0	0	0	2	0	0	0	0	0	0	6	22	23
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
Total	203	0	0	1	0	4	27	60	45	18	2	0	0	0	360		
Percent	56.4%	0.0%	0.0%	0.3%	0.0%	1.1%	7.5%	16.7%	12.5%	5.0%	0.6%	0.0%	0.0%	0.0%			
AM Peak	08:00			08:00		11:00	07:00	08:00	07:00	11:00					08:00		
Vol.	27			1		1	3	4	2	2					35		
PM Peak	17:00					13:00	18:00	14:00	17:00	15:00	15:00				17:00		
Vol.	36					1	4	7	8	3	1				50		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: YARROW CIR S/O ASTER CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190306
 Station ID: 190306

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/10/19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
03:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
04:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2
05:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2
06:00	5	0	0	0	0	0	2	3	0	0	0	0	0	0	10	22	23
07:00	14	0	0	0	0	0	0	5	1	0	1	0	0	0	21	23	26
08:00	9	0	0	0	0	1	5	5	2	0	0	0	0	0	22	23	25
09:00	5	0	0	0	0	0	0	2	0	0	0	0	0	0	7	22	23
10:00	0	0	0	0	0	0	1	3	1	2	0	0	0	0	7	28	29
11:00	6	0	0	0	0	0	1	1	3	1	0	0	0	0	12	26	28
12 PM	4	0	0	0	2	0	3	6	6	2	0	0	0	0	23	26	28
13:00	13	0	0	0	0	0	2	1	0	1	0	0	0	0	17	20	27
14:00	7	0	0	0	0	0	0	0	3	1	1	0	0	0	12	27	31
15:00	10	0	0	0	0	0	2	3	3	4	1	0	0	0	23	28	29
16:00	11	0	0	0	0	0	3	10	8	3	2	0	0	0	37	26	30
17:00	17	0	0	0	0	0	4	5	5	2	1	0	0	0	34	25	28
18:00	16	0	0	0	0	0	4	6	7	3	0	0	0	0	36	25	28
19:00	13	0	0	0	0	0	2	4	0	2	0	0	0	0	21	23	28
20:00	7	0	0	0	0	0	3	3	1	0	0	0	0	0	14	22	24
21:00	6	0	0	0	0	0	2	0	1	1	0	0	0	0	10	25	28
22:00	1	0	0	0	0	0	1	0	1	0	0	0	0	0	3	25	26
23:00	1	0	0	0	0	0	1	2	0	1	0	0	0	0	5	27	29
Total	156	0	0	0	2	1	36	59	42	23	6	0	0	0	325		
Percent	48.0%	0.0%	0.0%	0.0%	0.6%	0.3%	11.1%	18.2%	12.9%	7.1%	1.8%	0.0%	0.0%	0.0%			
AM Peak	07:00					08:00	08:00	07:00	11:00	10:00	07:00				08:00		
Vol.	14					1	5	5	3	2	1				22		
PM Peak	17:00				12:00		17:00	16:00	16:00	15:00	16:00				16:00		
Vol.	17				2		4	10	8	4	2				37		
Grand Total	1215	0	0	1	7	47	267	422	299	105	20	0	1	0	2384		
Percent	51.0%	0.0%	0.0%	0.0%	0.3%	2.0%	11.2%	17.7%	12.5%	4.4%	0.8%	0.0%	0.0%	0.0%			

15th Percentile : -1 MPH
 50th Percentile : 2 MPH
 85th Percentile : 24 MPH
 95th Percentile : 27 MPH

Statistics
 10 MPH Pace Speed : 1-10 MPH
 Number in Pace : 1215
 Percent in Pace : 51.0%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 13 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/04/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	2	0	0	0	0	0	1	0	0	0	0	0	0	0	3	19	20
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
05:00	3	0	0	0	0	0	3	4	1	2	0	0	0	0	13	27	29
06:00	1	0	0	0	0	1	5	5	8	5	0	0	0	0	25	27	29
07:00	8	1	0	0	4	4	13	16	17	5	3	0	0	0	71	26	29
08:00	0	0	0	0	1	5	17	20	14	6	0	0	0	0	63	26	28
09:00	3	0	0	0	5	6	13	23	14	0	0	0	0	0	64	24	26
10:00	0	0	0	1	1	4	7	5	9	3	0	0	0	0	30	26	28
11:00	2	0	0	0	0	2	8	5	9	2	1	0	0	0	29	26	29
12 PM	1	0	0	0	1	5	7	7	4	3	1	0	0	0	29	26	29
13:00	3	1	1	1	1	3	5	11	5	1	0	0	0	0	32	24	26
14:00	2	0	0	0	1	3	5	13	11	7	1	0	0	0	43	27	29
15:00	2	0	1	0	0	2	13	13	9	1	1	0	0	0	42	25	26
16:00	6	0	1	0	0	3	14	13	9	4	1	0	0	0	51	26	28
17:00	6	0	0	0	0	2	6	15	14	4	2	0	0	0	49	26	29
18:00	7	0	1	0	0	2	12	7	7	7	0	0	0	0	43	27	29
19:00	16	0	0	1	2	0	6	6	3	2	0	0	0	0	36	23	27
20:00	9	0	0	0	0	3	1	4	6	0	1	0	0	0	24	25	26
21:00	3	0	0	0	1	0	0	0	2	0	0	0	0	0	6	25	26
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	76	2	4	3	17	45	137	167	142	52	11	0	0	0	656		
Percent	11.6%	0.3%	0.6%	0.5%	2.6%	6.9%	20.9%	25.5%	21.6%	7.9%	1.7%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00		10:00	09:00	09:00	08:00	09:00	07:00	08:00	07:00				07:00		
Vol.	8	1		1	5	6	17	23	17	6	3				71		
PM Peak	19:00	13:00	13:00	13:00	19:00	12:00	16:00	17:00	17:00	14:00	17:00				16:00		
Vol.	16	1	1	1	2	5	14	15	14	7	2				51		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	1	0	0	0	0	0	0	0	1	1	0	0	0	0	3	28	29
05:00	2	0	0	1	0	1	3	2	2	1	2	0	0	0	14	29	31
06:00	3	0	0	0	0	3	3	3	6	4	0	0	0	0	22	27	29
07:00	3	0	0	0	0	7	6	21	14	9	3	0	0	0	63	27	29
08:00	5	0	1	0	6	6	18	22	23	2	1	0	0	0	84	25	26
09:00	0	0	0	0	0	0	1	12	11	2	0	0	0	0	26	26	28
10:00	0	0	0	0	0	1	9	7	5	2	2	1	0	0	27	28	32
11:00	6	0	0	0	0	3	4	4	1	4	2	0	0	0	24	28	31
12 PM	2	0	0	0	0	1	6	3	8	2	0	0	0	0	22	26	28
13:00	4	0	0	0	2	2	8	7	10	2	0	0	0	0	35	26	27
14:00	1	0	1	0	0	0	8	6	6	0	1	0	0	0	23	25	26
15:00	3	0	0	0	3	6	12	16	7	3	0	0	0	0	50	25	27
16:00	6	0	0	0	1	5	10	16	7	3	0	0	0	0	48	25	27
17:00	0	0	0	0	1	8	17	13	8	0	0	0	0	0	47	24	26
18:00	12	0	0	0	1	4	9	6	8	5	1	0	0	0	46	26	29
19:00	4	0	1	0	3	1	5	3	6	2	2	0	0	0	27	26	30
20:00	1	0	0	0	2	1	7	4	0	1	0	0	0	0	16	22	27
21:00	1	0	0	0	0	3	2	3	1	1	1	0	0	0	12	27	31
22:00	1	0	0	0	0	0	2	1	0	0	0	0	0	0	4	22	23
23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
Total	56	0	3	1	19	52	130	149	125	44	15	1	0	0	595		
Percent	9.4%	0.0%	0.5%	0.2%	3.2%	8.7%	21.8%	25.0%	21.0%	7.4%	2.5%	0.2%	0.0%	0.0%			
AM Peak	11:00		08:00	05:00	08:00	07:00	08:00	08:00	08:00	07:00	07:00	10:00			08:00		
Vol.	6		1	1	6	7	18	22	23	9	3	1			84		
PM Peak	18:00		14:00		15:00	17:00	17:00	15:00	13:00	18:00	19:00				15:00		
Vol.	12		1		3	8	17	16	10	5	2				50		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	20	20
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
05:00	0	0	0	1	0	2	2	1	4	1	0	0	0	0	11	26	28
06:00	1	0	0	0	0	1	3	8	4	6	2	0	0	0	25	29	31
07:00	0	0	0	2	4	7	14	20	12	5	0	0	0	0	64	25	28
08:00	3	0	0	1	5	8	17	29	10	1	0	1	0	0	75	24	26
09:00	0	0	0	0	0	3	10	13	13	2	1	0	0	0	42	26	28
10:00	1	0	0	0	1	0	7	11	6	2	1	0	0	0	29	26	29
11:00	0	0	0	0	1	2	4	13	4	1	0	0	0	0	25	24	26
12 PM	0	0	0	0	1	4	6	10	11	4	1	2	0	0	39	27	33
13:00	2	0	0	0	0	1	6	5	4	1	0	0	0	0	19	25	27
14:00	2	0	0	0	0	4	5	8	5	6	0	1	0	0	31	28	29
15:00	0	0	0	0	2	2	10	18	7	4	0	0	0	0	43	25	28
16:00	5	0	0	1	1	2	9	17	9	1	1	0	0	0	46	25	26
17:00	8	0	0	0	1	4	11	32	13	1	0	0	0	0	70	24	26
18:00	2	0	0	0	1	3	10	22	7	3	0	0	0	0	48	25	27
19:00	2	0	0	0	2	6	14	5	2	2	0	1	0	0	34	23	28
20:00	2	0	0	0	2	3	2	8	5	1	0	0	0	0	23	25	26
21:00	3	0	0	0	0	1	2	1	0	0	0	0	0	0	7	20	22
22:00	2	0	0	0	1	0	2	1	1	0	0	0	0	0	7	23	25
23:00	1	0	0	0	0	1	3	1	0	1	0	0	0	0	7	23	28
Total	34	0	0	5	22	54	140	223	118	42	6	5	0	0	649		
Percent	5.2%	0.0%	0.0%	0.8%	3.4%	8.3%	21.6%	34.4%	18.2%	6.5%	0.9%	0.8%	0.0%	0.0%			
AM Peak	08:00			07:00	08:00	08:00	08:00	08:00	09:00	06:00	06:00	08:00			08:00		
Vol.	3			2	5	8	17	29	13	6	2	1			75		
PM Peak	17:00			16:00	15:00	19:00	19:00	17:00	17:00	14:00	12:00	12:00			17:00		
Vol.	8			1	2	6	14	32	13	6	1	2			70		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/07/19	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	20	20
01:00	0	0	0	0	1	0	1	0	0	1	0	0	0	0	3	28	29
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
04:00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	20	20
05:00	0	0	0	0	0	1	0	3	0	0	0	0	0	0	4	23	23
06:00	1	0	0	0	0	3	4	3	1	0	0	0	0	0	12	23	25
07:00	0	0	0	0	1	3	6	3	1	1	1	0	0	0	16	25	30
08:00	4	0	0	0	2	6	4	10	5	2	0	0	0	0	33	25	27
09:00	2	0	0	0	3	9	10	15	9	2	0	0	0	0	50	25	26
10:00	5	0	0	0	0	4	12	18	6	1	0	0	0	0	46	24	26
11:00	4	0	0	3	3	4	10	16	8	3	2	0	0	0	53	25	29
12 PM	2	0	1	1	1	2	16	12	4	1	0	0	0	0	40	23	26
13:00	5	0	0	0	1	2	14	13	5	1	0	0	0	0	41	23	26
14:00	6	0	0	1	0	8	7	12	6	1	0	0	0	0	41	24	26
15:00	4	1	0	0	0	5	9	16	5	1	0	0	0	0	41	23	26
16:00	4	0	0	0	0	3	6	14	2	4	1	1	0	0	35	27	30
17:00	9	0	0	0	0	1	7	10	4	3	0	1	0	0	35	26	29
18:00	1	1	1	0	2	5	13	4	5	3	1	1	0	0	37	26	30
19:00	12	0	0	0	1	1	6	10	5	7	0	0	0	0	42	27	29
20:00	8	0	0	0	1	2	1	5	2	1	0	0	0	0	20	24	27
21:00	7	0	0	0	0	1	1	2	0	2	0	0	0	0	13	27	29
22:00	6	0	0	0	1	1	1	0	2	0	0	1	0	0	12	25	34
23:00	6	0	0	0	1	1	1	5	3	0	0	0	0	0	17	24	26
Total	87	2	2	5	18	63	133	171	73	34	5	4	0	0	597		
Percent	14.6%	0.3%	0.3%	0.8%	3.0%	10.6%	22.3%	28.6%	12.2%	5.7%	0.8%	0.7%	0.0%	0.0%			
AM Peak	10:00			11:00	09:00	09:00	10:00	10:00	09:00	11:00	11:00				11:00		
Vol.	5			3	3	9	12	18	9	3	2				53		
PM Peak	19:00	15:00	12:00	12:00	18:00	14:00	12:00	15:00	14:00	19:00	16:00	16:00			19:00		
Vol.	12	1	1	1	2	8	16	16	6	7	1	1			42		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/08/19	2	0	0	0	0	0	0	0	0	1	0	0	0	0	3	28	29
01:00	0	0	0	0	0	0	0	1	3	1	0	0	0	0	5	27	29
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23	23
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
06:00	3	0	0	0	0	0	0	0	4	2	0	0	0	0	9	27	29
07:00	5	0	0	0	0	0	0	3	3	1	0	0	0	0	12	26	28
08:00	7	0	0	0	2	2	0	5	7	3	0	0	0	0	26	26	28
09:00	10	0	0	0	1	4	7	5	9	1	2	0	0	0	39	26	30
10:00	4	0	0	0	2	2	7	9	4	4	2	1	0	0	35	28	31
11:00	8	0	1	1	1	5	12	12	4	1	1	0	0	0	46	23	26
12 PM	4	0	0	0	3	2	9	12	11	1	1	0	0	0	43	25	26
13:00	11	0	0	0	1	3	12	11	8	5	0	1	0	0	52	26	29
14:00	3	0	0	1	4	6	12	17	8	6	0	0	1	0	58	26	29
15:00	1	0	0	1	1	7	17	14	4	1	0	0	0	0	46	23	26
16:00	3	0	0	2	4	2	16	18	2	0	0	0	0	0	47	23	23
17:00	2	0	0	0	1	1	7	17	6	0	0	0	0	0	34	24	26
18:00	0	0	0	0	1	3	5	10	3	2	0	0	0	0	24	25	28
19:00	1	0	0	0	1	3	8	6	4	2	0	0	0	0	25	25	28
20:00	0	0	0	0	3	1	5	1	0	0	0	0	0	0	10	20	22
21:00	0	0	0	0	0	0	4	3	0	0	0	0	0	0	7	22	23
22:00	0	0	0	0	0	1	3	1	2	0	0	0	0	0	7	25	26
23:00	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3	25	26
Total	65	0	1	6	25	42	124	148	83	31	6	2	1	0	534		
Percent	12.2%	0.0%	0.2%	1.1%	4.7%	7.9%	23.2%	27.7%	15.5%	5.8%	1.1%	0.4%	0.2%	0.0%			
AM Peak	09:00		11:00	11:00	08:00	11:00	11:00	11:00	09:00	10:00	09:00	10:00			11:00		
Vol.	10		1	1	2	5	12	12	9	4	2	1			46		
PM Peak	13:00			16:00	14:00	15:00	15:00	16:00	12:00	14:00	12:00	13:00	14:00		14:00		
Vol.	11			2	4	7	17	18	11	6	1	1	1		58		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/09/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	20	20
05:00	1	0	0	0	0	2	1	1	1	1	1	0	0	0	8	29	31
06:00	5	0	0	0	0	3	7	3	0	1	0	0	0	0	19	22	27
07:00	12	0	0	0	0	4	10	13	11	3	2	1	0	0	56	26	30
08:00	14	1	2	1	6	11	24	16	10	3	1	1	0	0	90	24	27
09:00	4	0	0	0	1	3	9	14	10	3	1	1	0	0	46	26	29
10:00	5	0	0	0	2	2	6	5	3	3	0	0	0	0	26	26	28
11:00	1	0	0	0	0	3	6	9	3	1	0	0	0	0	23	24	26
12 PM	1	0	0	0	0	3	9	14	7	2	0	0	0	0	36	25	27
13:00	2	0	0	0	1	5	10	8	11	4	3	0	0	0	44	27	30
14:00	2	0	0	1	0	1	6	11	4	4	2	0	0	0	31	28	30
15:00	7	0	0	0	1	3	9	23	10	3	2	2	0	0	60	26	31
16:00	4	0	0	0	2	4	8	13	9	3	3	0	0	0	46	26	30
17:00	9	0	0	0	0	3	13	18	6	3	1	1	0	0	54	25	29
18:00	7	0	0	0	1	5	12	11	8	1	2	0	0	0	47	25	28
19:00	3	0	0	0	0	2	3	9	10	0	0	0	0	0	27	25	26
20:00	5	0	0	0	0	0	1	3	2	3	0	0	0	0	14	27	29
21:00	7	0	0	0	0	0	1	4	3	1	0	0	0	0	16	25	27
22:00	1	0	0	0	0	0	0	0	1	1	1	0	0	0	4	31	32
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	90	1	2	2	14	54	139	175	110	40	19	6	0	0	652		
Percent	13.8%	0.2%	0.3%	0.3%	2.1%	8.3%	21.3%	26.8%	16.9%	6.1%	2.9%	0.9%	0.0%	0.0%			
AM Peak	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	07:00	07:00	07:00	07:00			08:00		
Vol.	14	1	2	1	6	11	24	16	11	3	2	1			90		
PM Peak	17:00			14:00	16:00	13:00	17:00	15:00	13:00	13:00	13:00	15:00			15:00		
Vol.	9			1	2	5	13	23	11	4	3	2			60		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/10/19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26	26
02:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	14	14
03:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	14	14
04:00	0	0	0	0	0	0	2	2	0	0	0	0	0	0	4	23	23
05:00	3	0	0	1	0	1	3	3	3	1	1	0	0	0	16	26	30
06:00	5	0	0	0	0	2	5	5	6	3	2	0	0	0	28	27	30
07:00	3	0	0	0	1	6	11	29	19	5	0	0	0	0	74	26	27
08:00	2	0	0	1	2	9	14	24	15	5	0	0	0	0	72	25	27
09:00	3	0	0	0	0	5	9	17	11	1	2	1	0	0	49	26	30
10:00	0	0	0	0	0	0	2	4	4	4	0	0	0	0	14	28	29
11:00	2	0	0	0	0	0	4	13	8	2	0	0	0	0	29	26	27
12 PM	2	0	1	0	0	1	6	10	10	0	0	0	0	0	30	25	26
13:00	4	0	0	0	0	2	4	8	7	0	0	0	0	0	25	25	26
14:00	2	0	0	0	0	1	4	12	9	5	0	0	0	0	33	27	29
15:00	0	0	0	0	0	3	11	12	8	5	0	0	0	0	39	26	28
16:00	2	0	1	1	1	5	7	9	8	2	1	0	0	0	37	26	28
17:00	5	0	0	1	1	3	19	22	6	4	0	1	0	0	62	24	28
18:00	2	0	1	0	3	2	17	11	6	1	0	0	0	0	43	24	26
19:00	3	0	0	1	1	5	2	10	6	1	1	0	0	0	30	25	28
20:00	0	0	0	0	0	2	3	3	2	1	0	0	0	0	11	26	28
21:00	1	0	0	0	0	0	2	1	2	0	0	0	0	0	6	25	26
22:00	3	0	0	0	0	1	0	0	1	0	1	0	0	0	6	30	32
23:00	1	0	0	0	0	1	0	0	0	1	0	0	0	0	3	28	29
Total	47	0	3	5	11	49	125	195	132	41	8	2	0	0	618		
Percent	7.6%	0.0%	0.5%	0.8%	1.8%	7.9%	20.2%	31.6%	21.4%	6.6%	1.3%	0.3%	0.0%	0.0%			
AM Peak	06:00			05:00	08:00	08:00	08:00	07:00	07:00	07:00	06:00	09:00			07:00		
Vol.	5			1	2	9	14	29	19	5	2	1			74		
PM Peak	17:00		12:00	16:00	18:00	16:00	17:00	17:00	12:00	14:00	16:00	17:00			17:00		
Vol.	5		1	1	3	5	19	22	10	5	1	1			62		
Grand Total	455	5	15	27	126	359	928	1228	783	284	70	20	1	0	4301		
Percent	10.6%	0.1%	0.3%	0.6%	2.9%	8.3%	21.6%	28.6%	18.2%	6.6%	1.6%	0.5%	0.0%	0.0%			

15th Percentile : 15 MPH
 50th Percentile : 21 MPH
 85th Percentile : 25 MPH
 95th Percentile : 28 MPH

Statistics
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 3059
 Percent in Pace : 71.1%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 20 MPH

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/04/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	2	0	0	0	1	0	0	0	0	0	0	0	0	0	3	13	14
06:00	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	26	26
07:00	4	0	0	0	0	2	4	2	0	0	0	0	0	0	12	21	23
08:00	2	0	0	0	0	4	5	2	2	0	0	0	0	0	15	23	25
09:00	1	0	0	0	1	2	10	6	3	1	0	0	0	0	24	24	26
10:00	2	0	0	0	0	1	13	6	4	0	0	0	0	0	26	24	26
11:00	1	0	0	0	1	2	5	14	3	0	0	0	0	0	26	23	25
12 PM	2	0	0	0	2	11	5	9	4	0	0	0	0	0	33	23	25
13:00	3	0	0	0	3	3	16	12	4	0	0	0	0	0	41	23	25
14:00	5	0	0	0	0	4	10	8	2	0	0	0	0	0	29	23	24
15:00	0	0	0	0	0	8	15	13	1	0	0	0	0	0	37	22	23
16:00	7	0	1	0	1	9	26	16	3	2	0	0	0	0	65	23	25
17:00	6	0	1	0	2	2	21	28	10	0	0	0	0	0	70	23	25
18:00	4	0	0	2	1	6	22	15	5	0	0	0	0	0	55	23	25
19:00	7	0	0	1	7	10	19	12	1	0	0	0	0	1	58	22	23
20:00	0	0	0	0	0	12	13	12	1	0	0	0	0	0	38	22	23
21:00	3	0	0	0	1	0	7	9	1	0	0	0	0	0	21	23	23
22:00	0	0	0	0	0	2	3	4	0	0	0	0	0	0	9	22	23
23:00	0	0	0	0	0	0	2	0	1	0	0	0	0	0	3	25	26
Total	49	0	2	3	20	78	198	168	46	3	0	0	0	2	569		
Percent	8.6%	0.0%	0.4%	0.5%	3.5%	13.7%	34.8%	29.5%	8.1%	0.5%	0.0%	0.0%	0.0%	0.4%			
AM Peak	07:00				05:00	08:00	10:00	11:00	10:00	09:00				06:00	10:00		
Vol.	4				1	4	13	14	4	1				1	26		
PM Peak	16:00		16:00	18:00	19:00	20:00	16:00	17:00	17:00	16:00				19:00	17:00		
Vol.	7		1	2	7	12	26	28	10	2				1	70		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/05/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
01:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
06:00	1	0	0	0	0	0	0	3	0	0	0	0	0	0	4	23	23
07:00	3	0	0	0	0	4	8	7	0	0	0	0	0	0	22	22	23
08:00	3	0	0	0	0	2	5	3	1	0	0	0	0	0	14	22	24
09:00	3	0	0	0	1	2	4	5	2	0	0	0	0	0	17	23	25
10:00	2	0	0	0	0	3	6	6	0	0	0	0	0	0	17	22	23
11:00	2	0	0	0	2	2	9	4	2	0	0	0	0	0	21	23	25
12 PM	0	0	0	0	3	12	11	10	1	0	0	0	0	0	37	22	23
13:00	0	0	0	0	1	4	5	8	2	0	0	0	0	0	20	23	25
14:00	0	0	0	0	0	5	9	15	3	0	0	0	0	0	32	23	25
15:00	3	0	0	2	0	7	16	13	3	0	0	0	0	0	44	23	24
16:00	5	0	0	1	3	6	20	13	5	1	1	0	0	0	55	23	26
17:00	9	0	0	0	3	10	31	24	10	1	0	0	0	0	88	23	25
18:00	6	0	0	1	0	7	37	18	2	1	0	0	0	0	72	22	23
19:00	5	0	0	0	1	11	22	15	4	0	0	0	0	0	58	23	24
20:00	2	0	0	0	0	0	9	8	1	0	0	0	0	0	20	23	24
21:00	2	0	0	0	0	6	7	10	3	0	0	1	0	1	30	23	26
22:00	0	0	0	0	0	3	8	1	1	0	0	0	0	0	13	21	25
23:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
Total	46	0	0	4	14	87	211	164	40	3	1	1	0	1	572		
Percent	8.0%	0.0%	0.0%	0.7%	2.4%	15.2%	36.9%	28.7%	7.0%	0.5%	0.2%	0.2%	0.0%	0.2%			
AM Peak	07:00				11:00	07:00	11:00	07:00	09:00								07:00
Vol.	3				2	4	9	7	2								22
PM Peak	17:00			15:00	12:00	12:00	18:00	17:00	17:00	16:00	16:00	21:00		21:00			17:00
Vol.	9			2	3	12	37	24	10	1	1	1		1			88

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/06/19	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	23	23
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
02:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	17	17
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
04:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	20	20
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
07:00	2	0	0	0	0	3	5	4	0	0	0	0	0	0	14	22	23
08:00	4	0	0	0	2	7	11	4	0	0	0	0	0	0	28	20	22
09:00	5	0	0	0	0	3	10	4	1	0	0	0	0	0	23	22	23
10:00	2	0	0	0	0	1	10	6	4	0	0	0	0	0	23	24	26
11:00	2	0	0	1	1	3	5	9	1	0	0	0	0	0	22	23	23
12 PM	2	0	0	0	0	6	9	9	0	0	0	0	0	0	26	22	23
13:00	2	0	0	0	0	1	11	12	3	0	0	0	0	0	29	23	25
14:00	2	0	0	0	0	7	8	12	4	1	0	0	0	0	34	23	26
15:00	3	0	0	1	3	6	15	6	4	0	0	0	0	0	38	23	25
16:00	5	0	0	0	3	6	27	20	8	1	0	0	0	0	70	23	26
17:00	6	0	0	0	0	11	22	29	7	0	0	0	0	0	75	23	25
18:00	1	0	0	0	4	12	23	21	3	0	0	0	0	0	64	23	23
19:00	3	0	0	1	1	5	15	15	0	0	0	0	0	0	40	22	23
20:00	0	0	0	0	0	5	10	9	2	0	0	0	0	0	26	23	25
21:00	1	0	0	0	0	4	12	2	1	0	0	0	0	1	21	21	24
22:00	2	0	0	0	1	1	7	4	0	0	0	0	0	0	15	22	23
23:00	1	0	0	0	0	2	4	5	0	0	0	0	0	0	12	22	23
Total	45	0	0	3	15	85	208	172	39	2	0	0	0	1	570		
Percent	7.9%	0.0%	0.0%	0.5%	2.6%	14.9%	36.5%	30.2%	6.8%	0.4%	0.0%	0.0%	0.0%	0.2%			
AM Peak	09:00			11:00	08:00	08:00	08:00	11:00	10:00								08:00
Vol.	5			1	2	7	11	9	4								28
PM Peak	17:00			15:00	18:00	18:00	16:00	17:00	16:00	14:00				21:00	17:00		
Vol.	6			1	4	12	27	29	8	1				1	75		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/07/19	2	0	0	0	0	2	1	1	0	0	0	0	0	0	6	21	23
01:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3	23	23
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3	23	23
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	0	1	0	2	3	0	0	0	0	0	0	6	23	23
08:00	0	0	0	0	0	2	7	3	1	0	0	0	0	0	13	23	25
09:00	3	0	0	0	0	4	8	11	2	0	0	0	0	0	28	23	24
10:00	1	0	0	0	0	5	15	8	2	0	0	0	0	0	31	23	24
11:00	1	0	0	0	1	2	11	8	4	0	0	0	0	0	27	23	25
12 PM	1	0	0	0	0	5	16	11	5	0	0	0	0	0	38	23	25
13:00	2	0	0	2	2	6	15	14	3	2	0	0	0	0	46	23	26
14:00	5	0	0	0	2	8	24	10	3	0	0	0	0	0	52	22	24
15:00	1	0	0	1	0	7	12	10	1	0	0	0	0	0	32	22	23
16:00	1	0	0	0	0	6	16	9	3	1	0	0	0	0	36	23	26
17:00	2	0	0	1	2	5	11	11	4	0	0	0	0	0	36	23	25
18:00	2	0	2	0	6	8	21	14	9	0	0	0	0	0	62	23	25
19:00	2	0	0	0	1	7	11	7	0	0	0	0	0	1	29	22	23
20:00	5	0	0	1	0	8	14	3	1	1	0	0	0	0	33	21	25
21:00	2	0	0	0	0	4	10	6	0	0	0	0	0	0	22	22	23
22:00	1	0	0	0	1	3	9	3	2	0	0	0	0	0	19	23	25
23:00	1	0	0	0	0	2	3	3	1	0	0	0	0	0	10	23	25
Total	32	0	2	5	16	84	208	138	41	4	0	0	0	3	533		
Percent	6.0%	0.0%	0.4%	0.9%	3.0%	15.8%	39.0%	25.9%	7.7%	0.8%	0.0%	0.0%	0.0%	0.6%			
AM Peak	09:00				07:00	10:00	10:00	09:00	11:00					04:00	10:00		
Vol.	3				1	5	15	11	4					2	31		
PM Peak	14:00		18:00	13:00	18:00	14:00	14:00	13:00	18:00	13:00				19:00	18:00		
Vol.	5		2	2	6	8	24	14	9	2				1	62		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/08/19	0	0	0	1	0	2	1	1	0	0	0	0	0	0	5	21	23
01:00	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3	25	26
02:00	1	0	0	0	0	0	2	1	0	0	0	0	0	0	4	22	23
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3	20	20
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	20	20
07:00	0	0	0	0	0	0	2	0	2	0	0	0	0	0	4	26	26
08:00	2	0	0	0	1	2	8	4	0	0	0	0	0	0	17	22	23
09:00	0	0	0	1	1	6	5	2	0	0	0	0	0	0	15	20	22
10:00	0	0	0	0	2	2	4	9	1	0	0	0	0	0	18	23	24
11:00	0	0	0	0	1	9	14	4	0	0	0	0	0	0	28	20	22
12 PM	9	0	1	2	5	10	10	9	0	0	0	0	0	0	46	21	23
13:00	14	0	0	0	2	21	28	8	4	0	0	0	0	0	77	21	24
14:00	4	0	0	4	6	14	14	6	0	0	0	0	0	1	49	20	22
15:00	0	0	0	1	5	13	13	7	1	0	0	0	0	0	40	21	23
16:00	1	0	0	2	5	15	15	5	0	0	0	0	0	0	43	20	22
17:00	12	0	0	0	6	7	19	12	3	0	0	0	0	0	59	22	24
18:00	1	0	0	0	1	6	10	19	3	0	0	0	0	0	40	23	25
19:00	1	0	0	0	0	1	7	7	0	0	0	0	0	0	16	22	23
20:00	3	0	0	0	1	2	7	8	0	0	0	0	0	0	21	22	23
21:00	1	0	0	0	0	0	2	4	0	0	0	0	0	0	7	23	23
22:00	1	0	0	0	0	0	4	1	0	0	0	0	0	0	6	21	23
23:00	1	0	0	0	0	0	1	0	2	0	0	0	0	0	4	26	26
Total	51	0	1	11	36	112	170	107	17	0	0	0	0	1	506		
Percent	10.1%	0.0%	0.2%	2.2%	7.1%	22.1%	33.6%	21.1%	3.4%	0.0%	0.0%	0.0%	0.0%	0.2%			
AM Peak	08:00			00:00	10:00	11:00	11:00	10:00	07:00						11:00		
Vol.	2			1	2	9	14	9	2						28		
PM Peak	13:00		12:00	14:00	14:00	13:00	13:00	18:00	13:00					14:00	13:00		
Vol.	14		1	4	6	21	28	19	4					1	77		

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/09/19	0	0	0	0	0	0	1	3	0	0	0	0	0	0	4	23	23
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	25	26
07:00	0	0	0	0	0	1	6	4	0	0	0	0	0	0	11	22	23
08:00	4	0	0	0	3	4	10	7	2	0	0	0	0	0	30	22	24
09:00	1	0	0	0	0	4	4	4	1	0	0	0	0	0	14	23	24
10:00	0	0	0	0	0	3	7	5	2	0	0	0	0	0	17	23	25
11:00	0	0	0	0	1	3	11	9	5	0	0	0	0	0	29	24	26
12 PM	0	0	0	0	0	4	10	6	2	0	0	0	0	0	22	23	25
13:00	0	0	0	0	1	3	9	10	0	0	0	0	0	0	23	22	23
14:00	2	0	0	0	2	1	16	13	1	0	0	0	0	0	35	23	23
15:00	3	0	0	0	1	2	20	17	7	2	0	0	0	0	52	24	26
16:00	2	0	0	0	0	7	18	25	2	0	0	0	0	0	54	23	23
17:00	4	0	0	0	4	12	41	15	4	1	0	0	0	0	81	22	24
18:00	3	0	0	1	1	12	12	24	3	0	0	0	0	0	56	23	24
19:00	5	0	0	0	1	8	23	9	3	0	0	0	0	0	49	22	24
20:00	4	0	0	0	2	2	10	14	5	0	0	0	0	0	37	23	25
21:00	2	0	0	0	0	1	7	8	1	0	0	0	0	0	19	23	24
22:00	2	0	0	0	0	0	2	4	0	0	0	0	0	0	8	23	23
23:00	2	0	0	0	0	1	1	0	1	0	0	0	0	0	5	24	26
Total	35	0	0	1	16	69	209	178	40	3	0	0	0	0	551		
Percent	6.4%	0.0%	0.0%	0.2%	2.9%	12.5%	37.9%	32.3%	7.3%	0.5%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00				08:00	08:00	11:00	11:00	11:00								08:00
Vol.	4				3	4	11	9	5								30
PM Peak	19:00			18:00	17:00	17:00	17:00	16:00	15:00	15:00							17:00
Vol.	5			1	4	12	41	25	7	2							81

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: E YARROW CIR S-O ROCK CREEK PKWY
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 190304
 Station ID: 190304

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	85th Percent	95th Percent
	3	6	9	12	15	18	21	24	27	30	33	36	39	999			
09/10/19	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	26	26
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	17	17
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	20	20
05:00	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	26	26
06:00	3	0	0	0	0	1	6	2	0	0	0	0	0	0	12	21	23
07:00	2	0	0	2	1	4	6	5	2	0	0	0	0	0	22	23	25
08:00	2	0	0	1	0	3	10	6	1	0	0	0	0	0	23	22	23
09:00	2	0	0	0	1	3	6	4	0	0	0	0	0	0	16	22	23
10:00	1	0	0	0	0	2	4	7	3	0	0	0	0	0	17	24	26
11:00	1	0	0	0	0	4	9	8	2	0	0	0	0	0	24	23	25
12 PM	2	0	1	0	2	4	14	8	3	0	0	0	0	0	34	23	25
13:00	1	0	0	1	1	4	4	10	1	1	0	0	0	0	23	23	26
14:00	0	0	1	0	0	1	7	10	4	1	0	0	0	0	24	25	26
15:00	0	0	0	0	0	1	19	19	5	0	0	0	0	0	44	23	25
16:00	4	0	0	0	1	5	16	31	7	2	0	0	0	0	66	23	26
17:00	1	0	0	0	1	5	21	27	4	0	0	0	0	0	59	23	24
18:00	0	1	0	1	4	3	29	25	4	0	0	0	0	0	67	23	24
19:00	4	0	0	2	0	7	22	9	1	0	0	0	0	0	45	22	23
20:00	1	0	0	0	1	3	20	9	0	0	0	0	0	0	34	22	23
21:00	1	0	0	0	0	1	8	12	0	0	0	0	0	0	22	23	23
22:00	2	0	0	0	0	0	2	4	2	0	0	0	0	0	10	24	26
23:00	1	0	0	0	0	1	1	3	1	0	0	0	0	0	7	23	25
Total	28	1	2	7	12	55	206	199	42	4	0	0	0	0	556		
Percent	5.0%	0.2%	0.4%	1.3%	2.2%	9.9%	37.1%	35.8%	7.6%	0.7%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00			07:00	07:00	07:00	08:00	11:00	10:00						11:00		
Vol.	3			2	1	4	10	8	3						24		
PM Peak	16:00	18:00	12:00	19:00	18:00	19:00	18:00	16:00	16:00	16:00					18:00		
Vol.	4	1	1	2	4	7	29	31	7	2					67		
Grand Total	286	1	7	34	129	570	1410	1126	265	19	1	1	0	8	3857		
Percent	7.4%	0.0%	0.2%	0.9%	3.3%	14.8%	36.6%	29.2%	6.9%	0.5%	0.0%	0.0%	0.0%	0.2%			

15th Percentile : 15 MPH
 50th Percentile : 19 MPH
 85th Percentile : 23 MPH
 95th Percentile : 25 MPH

Statistics
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 3194
 Percent in Pace : 83.0%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 19 MPH



Memorandum

TO: Transportation & Safety Committee

FROM: Alex Ariniello, Public Works & Utilities Director

DATE: December 2, 2019

RE: Riverbend-Akron Traffic Calming Request

Background

Town Staff received a Neighborhood Traffic Calming Program (NTCP) Application from the 2800 block of Torreys Peak Drive neighborhood in June, 2019. Staff had traffic volume and speed counts taken at two locations in early November with the results summarized in the attached spreadsheet.

Step 2 of the NTCP guidelines provides for data collection which is summarized for the Torreys Peak neighborhood below:

Traffic speed:

	85 th Percentile Speed (% Exceeding 25 MPH)	
	<u>NB/ or EB</u>	<u>SB or WB</u>
• Riverbend (south of Montgomery)	26 MPH (30%)	24 MPH (17%)
• Riverbend (north of Union)	27 MPH (44%)	25 MPH (24%)
• Riverbend (east of Vona)	25 MPH (23%)	25 MPH (26%)
• Akron (east of Laird)	21 MPH (5%)	23 MPH (14%)

Traffic volume:

• Riverbend (south of Montgomery)	510 VPD
• Riverbend (north of Union)	356 VPD
• Riverbend (east of Vona)	280 VPD
• Akron (east of Laird)	359 VPD

Accident history: 2011-2018 Accidents

• Riverbend (south of Montgomery)	0
• Riverbend (north of Union)	1

- Riverbend (east of Vona) 1
- Akron (east of Laird) 0

Amount of cut through traffic:

- Less 200 vehicles per day

Presence of School crossings:

- None

Presence of nearby pedestrian generators:

- Riverbend Park

Number of affected households:

	<u>With Back out Driveways</u>	<u>Others Affected</u>
• Riverbend	25	73
• Akron	4	23

Street Width

- Riverbend - 32 ft. flowline to flowline plus 4½ ft attached walks
- Akron - 32 ft. flowline to flowline plus 4½ ft attached walks

NTCP Eligibility Criteria

Traffic-calming measures will only be applied in areas where the 85th percentile speed exceeds the posted limit by more than 5 mph, **and** where the volume of traffic exceeds 500 vehicles per day.

- Topaz Street does not meet speed or volume threshold
- Torreys Peak Drive does not meet speed threshold but exceeds volume threshold

Superior Street Design Standards

Since 2003 the Town’s Street Design Standards have included guidelines for “identifying streets that may be candidates for traffic calming measures, traffic volume and unimpeded street length should be considered. Unimpeded street length is the distance between speed impediments, i.e. stop signs, traffic signals, sharp turns, cul-de-sacs, etc. Streets that generally will require implementation of traffic calming measures are listed in Table 1.8 along with minimum criteria to qualify for Traffic Calming.

TABLE 1.8
MINIMUM CRITERIA FOR TRAFFIC CALMING

Classification	Unimpeded Street Length	Traffic Volume
Local Street	> 1,200 feet	< 500 vpd
Local Street	> 900 feet	500 – 2,000 vpd
Minor Collector	> 900 feet	> 2,000 vpd

vpd = vehicles per day

The unimpeded lengths are:

- Riverbend, Riverbend Way to Akron: 750 ft.
- Riverbend, Akron to Coal Creek Dr: 1,700 ft.
- Akron, Coal Creek Drive to Riverbend: 855

Each street has several curves but they all have design speeds in the 30 to 35 mph range. Only Riverbend from Akron to Coal Creek Dr exceeds the unimpeded length criteria.

Attachments

- NTCP Application
- Traffic Volume & Speed Data Summary
- Traffic Volume & Speed Data Files



Appendix A: Neighborhood Traffic-Calming Program Application

I and the undersigned Town of Superior residents would like to participate in the Neighborhood Traffic-Calming Program (NTCP) to address a traffic concern in our community. We understand that this process may require our involvement in joint decision-making with other residents and Town staff, and attendance at neighborhood meetings.

Name of Applicant: Stanley Jarrett Date: _____

Applicant's Address: 935 E. Riverbend St.

Preferred method of contact: home phone 303-499-9194
 cell phone _____
 email _____

Name of neighborhood or homeowners association: Rock Creek Master HOA

Please indicate the type of traffic problem involved (check as many as apply):

- speeding accidents
 traffic volume pedestrian/bicycle safety
 parking cut-through traffic
 other

Please describe the nature & location of the traffic problem, including the overall area affected, times of day or conditions under which it is worse, and the resulting effects of the traffic problem:

Please see the attached sheet. (page 2)

Please provide the signatures of at least 5 additional residents (1 per household) on the affected street:

Printed Name	Address	Phone #	Signature
1. <u>CN HUBLE</u>	<u>930 E. Riverbend St</u>	<u>720-320-3077</u>	<u>CN HUBLE</u>
2. <u>CAROLYN CROUSE</u>	<u>920 E. Riverbend St</u>	<u>303-895-4605</u>	<u>Carolyn Crouse</u>
3. <u>Katherine Pick</u>	<u>915 E. Riverbend St</u>	<u>303-506-2878</u>	<u>Katherine Pick</u>
4. <u>LAWRENCE DORSEY</u>	<u>940 E. RIVERBEND ST</u>	<u>303-499-1769</u>	<u>L Dorsey</u>
5. <u>Maureen Nutt</u>	<u>985 E. Riverbend St</u>	<u>303-908-4461</u>	<u>M Nutt</u>
6. <u>Denise Marcappe</u>	<u>945 E. Riverbend St</u>	<u>303-579-3312</u>	<u>Denise Marcappe</u>
7. <u>Brian Kellner</u>	<u>925 E. Riverbend St</u>	<u>720-374-6104</u>	<u>Brian Kellner</u>
8. <u>Allyn Jarrett</u>	<u>935 E. Riverbend St</u>	<u>303-499-9194</u>	<u>Allyn Jarrett</u>
9. <u>Matthew Goble</u>	<u>1200 S. Montgomery Ct.</u>	<u>303-514-7894</u>	<u>Matthew Goble</u>
10. <u>BAUG NGUYEN</u>	<u>955 E. Riverbend St</u>	<u>720-304-3252</u>	<u>Baug Nguyen</u>

Please see the attached continuation signature sheet (page 3)
Page A-1

In the past couple of years, there has been an influx of new families along the East Riverbend St. corridor between Akron Pl. and Riverbend Ct. There are now around one-dozen children of elementary school-age and younger who reside in this corridor of homes. The largest concentration of these young children is at the intersection of East Riverbend St. and Montgomery Ct. We are concerned about the vehicle traffic on E. Riverbend St. and the potential impact to the residents, with particular emphasis on pedestrian and bicycle safety of the youngest residents. There are still daily situations of speeding on E. Riverbend St., along with failure to completely stop at the two stop signs located at each end of this corridor.

Continuation Signature Page



Appendix A: Neighborhood Traffic-Calming Program Application

I and the undersigned Town of Superior residents would like to participate in the Neighborhood Traffic-Calming Program (NTCP) to address a traffic concern in our community. We understand that this process may require our involvement in joint decision-making with other residents and Town staff, and attendance at neighborhood meetings.

Name of Applicant: Stanley Jarrett Date: _____

Applicant's Address: 935 E. Riverbend St.

Preferred method of contact: home phone 303-499-9194
 cell phone _____
 email _____

Name of neighborhood or homeowners association: Rock Creek Master HOA

Please indicate the type of traffic problem involved (check as many as apply):

- | | |
|--|---|
| <input checked="" type="checkbox"/> speeding | <input type="checkbox"/> accidents |
| <input checked="" type="checkbox"/> traffic volume | <input checked="" type="checkbox"/> pedestrian/bicycle safety |
| <input type="checkbox"/> parking | <input type="checkbox"/> cut-through traffic |
| <input type="checkbox"/> other | |

Please describe the nature & location of the traffic problem, including the overall area affected, times of day or conditions under which it is worse, and the resulting effects of the traffic problem:

Please see the attached sheet.

Please provide the signatures of at least 5 additional residents (1 per household) on the affected street:

Printed Name	Address	Phone #	Signature
1. <u>Denari Zaji</u>	<u>970 S Nevada St</u>	<u>720 401 9996</u>	<u>D Zaji</u>
2. <u>Abby Copeland</u>	<u>1204 S Montgomery</u>	<u>615 438-4261</u>	<u>Abby Copeland</u>
3. <u>M R Starns</u>	<u>1203 S Montgomery Ct</u>		<u>M R Starns</u>
4. <u>TOM MICKELIS</u>	<u>905 E RIVERBEND ST</u>	<u>(720) 811-5535</u>	<u>Tom Mickelis</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

#3: Riverbend south of Montgomery

	Northbound	Southbound
5-Nov	285	236
6-Nov	260	241
7-Nov	282	227
Directional Average	276	235
ADT Total Both Directions	510	
85th Percentile Speed	26 MPH	24 MPH
Top Speed	36 MPH	33 MPH
Number of vehicles over 25 MPH	245	120
% of vehicles over 25 MPH	30%	17%

#2: Riverbend north of Union

	Northbound	Southbound
5-Nov	188	189
6-Nov	165	188
7-Nov	162	177
Directional Average	172	185
ADT Total Both Directions	356	
85th Percentile Speed	27 MPH	25 MPH
Top Speed	40 MPH	33 MPH
Number of vehicles over 25 MPH	225	135
% of vehicles over 25 MPH	44%	24%

#1: Riverbend east of Vona

	Eastbound	Westbound
5-Nov	163	135
6-Nov	152	113
7-Nov	162	114
Directional Average	159	121
ADT Total Both Directions	280	
85th Percentile Speed	25 MPH	25 MPH
Top Speed	33 MPH	33 MPH
Number of vehicles over 25 MPH	108	94
% of vehicles over 25 MPH	23%	26%

#4: Akron east of Laird Court

	Eastbound	Westbound
19-Nov	284	75
20-Nov	259	99
Directional Average	272	87
ADT Total Both Directions	359	
85th Percentile Speed	21 MPH	23 MPH
Top Speed	36 MPH	33 MPH
Number of vehicles over 25 MPH	29	33
% of vehicles over 25 MPH	5%	14%



COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST S/O MONTGOMERY CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND/SOUTHBOUND

Site Code: 190413
 Station ID: 190413

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
07:00	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6
08:00	0	0	0	0	1	1	5	16	10	2	0	0	0	0	35
09:00	1	0	0	0	0	4	4	10	11	6	1	0	0	0	37
10:00	0	0	0	0	0	2	1	8	3	6	0	0	0	0	20
11:00	0	0	0	0	0	0	2	9	8	1	0	0	0	0	20
12 PM	0	0	0	0	0	0	3	9	4	0	0	0	0	0	16
13:00	0	0	0	2	1	2	3	6	6	1	0	0	0	0	21
14:00	0	0	0	0	0	1	1	5	2	1	0	0	0	0	10
15:00	1	0	0	0	2	2	1	4	12	0	0	0	0	0	22
16:00	0	0	0	0	0	2	7	4	6	2	0	0	0	0	21
17:00	0	0	0	0	1	2	7	6	2	0	0	0	0	0	18
18:00	0	0	0	0	1	1	4	8	7	0	0	0	0	0	21
19:00	0	0	1	0	1	2	3	5	4	2	0	0	0	0	18
20:00	0	0	0	0	0	0	3	1	2	1	0	0	0	0	7
21:00	0	0	0	1	0	0	2	2	2	1	0	0	0	0	8
22:00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Total	2	0	1	3	7	19	46	99	83	24	1	0	0	0	285

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST S/O MONTGOMERY CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND/SOUTHBOUND

Site Code: 190413
 Station ID: 190413

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
07:00	0	0	0	0	0	2	0	2	3	1	0	0	0	0	8
08:00	0	0	0	0	0	0	8	10	8	3	2	0	0	0	31
09:00	0	0	0	0	1	0	2	12	12	7	1	0	0	0	35
10:00	0	0	0	0	2	2	0	12	8	1	1	1	0	0	27
11:00	0	0	0	0	1	0	1	1	2	1	0	0	0	0	6
12 PM	0	0	0	1	0	1	2	3	3	1	0	0	0	0	11
13:00	0	0	0	0	1	0	3	7	3	4	1	0	0	0	19
14:00	0	0	0	0	0	2	1	5	2	1	1	0	0	0	12
15:00	1	0	0	0	0	1	2	4	3	3	1	0	0	0	15
16:00	2	0	0	0	1	2	3	8	5	0	0	0	0	0	21
17:00	3	0	0	0	1	1	7	7	2	1	0	0	0	0	22
18:00	3	0	0	0	0	2	3	6	9	0	0	0	0	0	23
19:00	2	0	0	0	0	0	2	2	2	0	0	0	0	0	8
20:00	0	0	0	0	0	0	2	4	2	0	0	0	0	0	8
21:00	0	0	1	0	1	0	2	4	1	0	0	0	0	0	9
22:00	2	0	0	0	0	0	1	1	0	0	0	0	0	0	4
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	13	0	1	1	8	13	39	88	66	23	7	1	0	0	260

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NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
06:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
07:00	0	0	0	0	0	0	1	1	3	0	0	0	0	0	5
08:00	0	0	0	0	0	4	10	9	5	2	0	0	0	0	30
09:00	0	0	1	0	1	0	7	18	8	4	0	1	0	0	40
10:00	0	0	0	0	1	1	6	13	9	1	0	0	0	0	31
11:00	0	0	0	0	0	0	2	6	1	0	0	0	0	0	9
12 PM	0	0	0	0	0	1	2	8	4	0	0	0	0	0	15
13:00	1	0	0	0	0	1	2	5	3	5	0	0	0	0	17
14:00	0	0	0	0	0	1	2	3	2	2	0	0	0	0	10
15:00	1	0	2	0	0	0	1	10	5	2	0	0	0	0	21
16:00	1	0	0	0	0	2	5	7	3	1	0	0	0	0	19
17:00	1	0	1	1	1	0	7	3	2	1	2	0	0	0	19
18:00	0	0	1	0	0	4	6	3	1	1	0	0	0	0	16
19:00	3	0	0	0	0	2	4	5	4	0	0	0	0	0	18
20:00	1	0	0	0	0	1	0	3	2	0	0	0	0	0	7
21:00	1	0	1	1	0	0	3	3	0	1	0	0	0	0	10
22:00	0	0	0	0	0	0	1	1	2	0	1	0	0	0	5
23:00	2	0	0	0	0	1	0	1	2	0	0	0	0	0	6
Total	11	0	6	2	3	18	61	99	57	21	3	1	0	0	282
Grand Total	26	0	8	6	18	50	146	286	206	68	11	2	0	0	827

15th Percentile : 18 MPH
 50th Percentile : 22 MPH
 85th Percentile : 26 MPH
 95th Percentile : 28 MPH

Statistics Mean Speed(Average) : 22 MPH
 10 MPH Pace Speed : 19-28 MPH
 Number in Pace : 661
 Percent in Pace : 79.9%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

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Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/05/19	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
07:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
08:00	0	0	0	1	0	0	1	1	1	0	0	0	0	0	4
09:00	0	0	0	0	0	2	7	8	2	0	0	0	0	0	19
10:00	0	0	0	1	0	1	1	3	1	0	0	0	0	0	7
11:00	0	0	0	0	0	1	1	4	2	0	0	0	0	0	8
12 PM	0	0	0	0	0	0	3	4	2	0	0	0	0	0	9
13:00	0	0	1	0	0	0	4	9	1	0	0	0	0	0	15
14:00	0	0	0	0	1	0	5	12	3	2	0	0	0	0	23
15:00	2	0	0	0	1	5	2	8	0	0	0	0	0	0	18
16:00	0	0	0	1	0	1	3	4	4	1	0	0	0	0	14
17:00	3	0	0	0	3	5	13	10	3	0	0	0	0	0	37
18:00	0	0	0	0	1	2	2	7	3	0	0	0	0	0	15
19:00	1	0	0	2	2	4	3	8	4	1	0	0	0	0	25
20:00	0	0	0	0	0	2	3	8	1	1	0	0	0	0	15
21:00	0	0	1	0	0	2	1	4	1	0	0	0	0	0	9
22:00	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
23:00	0	0	0	0	0	0	0	3	0	1	0	0	0	0	4
Total	6	0	2	6	9	26	52	101	28	6	0	0	0	0	236

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST S/O MONTGOMERY CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND/SOUTHBOUND

Site Code: 190413
 Station ID: 190413

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/06/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
09:00	2	0	0	1	0	1	6	2	1	0	0	0	0	0	13
10:00	1	0	1	0	2	4	3	8	5	0	0	0	0	0	24
11:00	0	0	0	0	0	2	1	4	0	0	1	0	0	0	8
12 PM	0	0	0	0	0	0	0	2	1	1	0	0	0	0	4
13:00	0	0	1	0	1	2	2	5	2	0	0	0	0	0	13
14:00	2	0	0	0	0	2	3	6	3	2	0	0	0	0	18
15:00	1	0	0	0	1	3	0	5	2	0	0	0	0	0	12
16:00	3	0	0	1	1	0	3	7	4	0	0	0	0	0	19
17:00	2	0	0	0	2	2	4	15	2	0	0	0	0	0	27
18:00	2	0	0	1	0	2	9	11	2	1	1	0	0	0	29
19:00	0	0	0	2	1	3	8	11	5	1	0	0	0	0	31
20:00	0	0	0	0	1	0	2	6	1	1	0	0	0	0	11
21:00	1	0	0	0	0	2	8	5	1	0	0	0	0	0	17
22:00	0	0	0	0	0	1	3	3	2	0	0	0	0	0	9
23:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Total	14	0	2	6	9	24	55	90	33	6	2	0	0	0	241

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST S/O MONTGOMERY CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND/SOUTHBOUND

Site Code: 190413
 Station ID: 190413

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
09:00	0	0	1	0	1	0	7	6	3	0	0	0	0	0	18
10:00	0	0	2	0	0	2	6	3	0	0	0	0	0	0	13
11:00	0	0	1	0	1	0	0	3	1	0	0	0	0	0	6
12 PM	0	0	0	0	0	1	0	6	0	1	0	0	0	0	8
13:00	1	0	0	1	2	1	2	6	3	1	0	0	0	0	17
14:00	0	0	0	0	0	0	2	5	4	0	0	0	0	0	11
15:00	0	0	0	0	0	3	1	7	3	0	0	0	0	0	14
16:00	0	0	0	0	1	3	5	5	2	0	0	0	0	0	16
17:00	0	0	0	1	1	0	3	13	3	0	0	0	0	0	21
18:00	0	0	0	2	0	1	9	12	2	0	0	0	0	0	26
19:00	2	0	0	1	0	1	3	8	6	0	0	0	0	0	21
20:00	1	0	0	0	1	2	6	3	5	2	0	0	0	0	20
21:00	1	0	0	0	1	0	2	5	1	1	0	0	0	0	11
22:00	0	0	0	0	1	1	2	7	1	0	0	0	0	0	12
23:00	0	0	0	0	1	0	1	2	4	0	0	0	0	0	8
Total	5	0	4	6	11	16	49	91	38	7	0	0	0	0	227
Grand Total	25	0	8	18	29	66	156	282	99	19	2	0	0	0	704

15th Percentile : 16 MPH
 50th Percentile : 21 MPH
 85th Percentile : 24 MPH
 95th Percentile : 26 MPH

Statistics
 Mean Speed(Average) : 21 MPH
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 559
 Percent in Pace : 79.4%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST N/O UNION CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 191501
 Station ID: 191501

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	999	Total
11/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
08:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
09:00	2	0	0	1	0	0	2	4	4	2	0	1	0	0	0	16
10:00	0	0	0	0	0	0	3	0	2	1	1	0	0	0	0	7
11:00	1	0	0	1	0	0	1	3	4	1	0	0	0	0	0	11
12 PM	1	0	0	0	0	1	4	2	1	1	0	0	0	0	0	10
13:00	0	0	0	0	0	1	1	6	0	0	0	0	0	0	0	8
14:00	0	0	0	0	1	0	1	2	0	2	1	0	0	0	0	7
15:00	0	0	0	0	1	1	1	0	3	1	0	0	0	0	0	7
16:00	1	0	0	1	0	0	0	8	2	1	1	0	0	0	0	14
17:00	1	0	0	0	1	0	2	7	7	3	1	0	0	0	0	22
18:00	0	0	0	0	0	0	3	5	2	0	0	1	0	0	0	11
19:00	2	0	0	0	1	0	1	4	4	4	0	0	0	0	0	16
20:00	0	0	0	0	0	0	0	0	3	1	0	0	0	1	0	5
21:00	2	0	0	1	1	0	3	3	4	2	1	0	0	0	0	17
22:00	2	0	0	0	0	0	1	1	1	1	1	0	0	0	0	7
23:00	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	4
Total	13	0	0	4	5	4	24	47	38	21	6	2	0	1	165	

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST N/O UNION CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 191501
 Station ID: 191501

NB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
08:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2
09:00	0	0	0	0	0	2	2	5	4	1	1	0	0	0	15
10:00	2	0	0	1	1	0	2	5	5	1	0	1	0	0	18
11:00	0	0	0	0	0	0	1	2	0	1	2	0	0	0	6
12 PM	0	0	0	0	0	0	1	1	3	1	0	0	0	0	6
13:00	2	0	0	0	0	0	0	0	2	1	0	0	0	0	5
14:00	0	1	0	0	0	1	0	3	0	0	0	0	0	0	5
15:00	1	0	0	1	1	0	1	5	2	1	0	0	0	0	12
16:00	2	0	0	0	1	1	1	2	5	3	0	0	0	0	15
17:00	0	0	0	1	1	1	1	8	4	2	0	0	0	0	18
18:00	0	0	0	0	0	0	1	4	3	1	0	0	0	0	9
19:00	1	0	0	0	1	0	1	4	5	3	0	0	0	0	15
20:00	1	0	0	0	0	0	0	2	4	2	0	0	0	0	9
21:00	1	0	0	2	0	0	2	0	2	2	0	1	0	0	10
22:00	2	0	0	0	0	0	2	3	1	1	0	0	0	0	9
23:00	0	0	0	1	0	0	0	3	0	0	0	0	0	0	4
Total	13	1	0	6	5	5	16	48	41	22	3	2	0	0	162
Grand Total	38	1	0	14	15	14	65	143	129	71	16	7	1	1	515

15th Percentile : 16 MPH
 50th Percentile : 23 MPH
 85th Percentile : 27 MPH
 95th Percentile : 29 MPH

Statistics Mean Speed(Average) : 22 MPH
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 365
 Percent in Pace : 71.0%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST N/O UNION CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 191501
 Station ID: 191501

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
07:00	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3
08:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
09:00	3	0	0	0	0	2	6	15	9	2	0	0	0	0	37
10:00	1	0	0	0	0	0	3	10	4	1	1	0	0	0	20
11:00	0	0	0	0	0	1	2	2	3	0	1	0	0	0	9
12 PM	0	0	0	0	0	1	1	1	1	0	0	0	0	0	4
13:00	0	0	0	0	0	0	4	1	1	0	1	0	0	0	7
14:00	0	0	0	0	0	2	2	5	2	0	0	0	0	0	11
15:00	0	0	0	0	0	1	3	1	3	0	0	0	0	0	8
16:00	0	0	0	0	1	2	2	2	1	0	0	0	0	0	8
17:00	5	0	0	0	2	2	2	5	6	2	0	0	0	0	24
18:00	1	0	0	0	1	2	3	2	4	3	0	0	0	0	16
19:00	1	0	0	0	0	1	3	9	1	0	1	0	0	0	16
20:00	0	0	0	0	1	0	4	6	2	1	0	0	0	0	14
21:00	0	0	0	0	0	1	0	2	1	2	0	0	0	0	6
22:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	12	0	0	0	5	15	38	64	40	11	4	0	0	0	189

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST N/O UNION CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 191501
 Station ID: 191501

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
08:00	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
09:00	1	0	0	0	0	1	6	8	2	0	0	0	0	0	18
10:00	0	0	0	0	0	0	5	3	3	1	0	0	0	0	12
11:00	0	0	0	1	0	2	3	6	6	0	0	0	0	0	18
12 PM	1	0	0	0	0	1	2	1	0	1	0	0	0	0	6
13:00	1	0	1	0	0	2	3	5	1	0	0	0	0	0	13
14:00	0	0	0	0	0	0	1	2	1	1	0	0	0	0	5
15:00	0	0	0	0	0	0	3	1	2	0	0	0	0	0	6
16:00	2	0	0	0	0	2	4	6	0	1	0	0	0	0	15
17:00	3	0	0	0	1	3	8	6	6	0	0	0	0	0	27
18:00	1	0	0	0	1	1	1	5	2	2	0	0	0	0	13
19:00	2	0	0	0	0	0	5	3	3	0	0	0	0	0	13
20:00	1	0	0	0	2	0	3	5	5	0	3	0	0	0	19
21:00	1	0	0	0	0	2	3	1	0	0	0	0	0	0	7
22:00	1	0	0	0	1	0	1	1	0	1	0	0	0	0	5
23:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Total	15	0	1	1	6	16	50	54	35	7	3	0	0	0	188

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST N/O UNION CT
 City: SUPERIOR
 County: BOULDER
 Direction: NORTHBOUND-SOUTHBOUND

Site Code: 191501
 Station ID: 191501

SB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3
08:00	0	0	0	1	0	1	1	1	0	1	0	0	0	0	5
09:00	2	0	0	0	0	4	9	8	4	1	0	0	0	0	28
10:00	2	0	0	0	0	1	3	6	2	1	0	0	0	0	15
11:00	0	0	0	0	1	1	5	3	0	0	0	0	0	0	10
12 PM	1	0	0	0	1	0	1	2	0	2	0	0	0	0	7
13:00	0	0	0	0	0	2	1	2	4	0	0	0	0	0	9
14:00	1	0	0	0	0	1	0	0	3	0	0	0	0	0	5
15:00	0	0	0	0	0	1	2	4	3	0	0	0	0	0	10
16:00	2	0	0	2	0	3	3	2	1	0	0	0	0	0	13
17:00	2	0	0	0	1	3	6	8	3	0	0	0	0	0	23
18:00	2	0	0	0	0	1	7	0	2	1	0	0	0	0	13
19:00	1	0	0	0	1	2	5	5	2	1	0	0	0	0	17
20:00	0	0	0	0	0	0	2	3	2	0	0	0	0	0	7
21:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
22:00	2	0	0	0	2	1	0	1	2	0	0	0	0	0	8
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Total	16	0	0	3	6	21	47	49	28	7	0	0	0	0	177
Grand Total	43	0	1	4	17	52	135	167	103	25	7	0	0	0	554

15th Percentile : 16 MPH
 50th Percentile : 21 MPH
 85th Percentile : 25 MPH
 95th Percentile : 27 MPH

Statistics Mean Speed(Average) : 21 MPH
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 422
 Percent in Pace : 76.2%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST E/O VONA CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 190419
 Station ID: 190419

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/05/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	3	0	0	0	0	0	1	3	0	0	0	0	0	0	7
09:00	11	0	0	0	0	2	4	7	3	2	0	0	0	0	29
10:00	7	0	0	0	0	0	0	3	6	0	0	0	0	0	16
11:00	2	0	0	0	0	2	0	2	2	0	0	0	0	0	8
12 PM	2	0	0	0	2	1	0	1	1	1	0	0	0	0	8
13:00	5	0	0	0	1	1	1	4	2	1	0	0	0	0	15
14:00	1	0	0	0	0	0	0	2	3	0	0	0	0	0	6
15:00	7	0	0	0	0	0	0	3	3	0	0	0	0	0	13
16:00	5	0	0	0	2	1	1	1	2	0	0	0	0	0	12
17:00	2	0	0	0	0	0	1	0	0	0	0	0	0	0	3
18:00	3	0	0	0	2	0	3	6	0	0	0	0	0	0	14
19:00	3	0	0	0	1	1	1	1	2	0	0	0	0	0	9
20:00	4	0	0	0	0	0	1	1	1	0	1	0	0	0	8
21:00	2	0	0	0	0	1	1	0	0	0	0	0	0	0	4
22:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2
23:00	3	0	0	0	1	0	1	0	0	0	0	0	0	0	5
Total	63	0	0	0	9	10	17	34	25	4	1	0	0	0	163

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST E/O VONA CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 190419
 Station ID: 190419

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/06/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	0	0	0	1	2	0	0	0	0	0	0	0	4
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	1	0	0	0	0	0	2	1	2	0	0	0	0	0	6
09:00	7	0	0	1	0	1	3	10	6	7	1	0	0	0	36
10:00	3	0	0	0	1	0	3	3	2	0	1	0	0	0	13
11:00	6	0	0	0	0	2	1	2	1	1	0	0	0	0	13
12 PM	5	0	0	0	1	0	2	1	4	1	0	0	0	0	14
13:00	1	0	0	0	0	0	0	0	3	3	0	0	0	0	7
14:00	1	0	0	0	0	0	0	0	1	0	1	0	0	0	3
15:00	5	0	0	0	0	0	4	1	2	2	0	0	0	0	14
16:00	4	0	0	0	0	0	2	3	1	1	0	0	0	0	11
17:00	1	0	0	0	0	0	1	2	0	0	0	0	0	0	4
18:00	4	0	0	0	1	0	3	1	1	0	0	0	0	0	10
19:00	3	0	0	0	0	0	2	1	1	0	0	0	0	0	7
20:00	1	0	0	0	0	1	0	1	1	0	1	0	0	0	5
21:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
22:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
23:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Total	45	0	0	1	3	5	27	26	26	15	4	0	0	0	152

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST E/O VONA CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 190419
 Station ID: 190419

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
07:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
08:00	8	0	0	0	3	1	4	5	1	0	0	0	0	0	22
09:00	6	0	0	0	0	0	6	6	6	0	0	0	0	0	24
10:00	7	0	0	0	0	0	1	1	3	0	1	0	0	0	13
11:00	4	0	0	0	0	0	3	5	0	0	0	0	0	0	12
12 PM	4	0	0	0	0	0	1	1	2	0	0	0	0	0	8
13:00	4	0	0	0	0	0	0	2	3	1	1	0	0	0	11
14:00	3	0	0	0	0	0	0	1	0	2	0	0	0	0	6
15:00	5	0	1	0	0	0	1	3	1	0	0	0	0	0	11
16:00	5	0	0	0	0	0	1	1	2	2	0	0	0	0	11
17:00	1	0	0	0	0	1	3	2	1	0	0	0	0	0	8
18:00	4	0	0	0	0	0	3	0	1	0	0	0	0	0	8
19:00	5	0	0	0	0	0	2	2	4	0	0	0	0	0	13
20:00	3	0	0	0	0	0	0	0	0	2	0	0	0	0	5
21:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
22:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
23:00	1	0	0	0	0	0	0	2	0	0	0	0	0	0	3
Total	61	0	1	0	4	4	27	32	24	7	2	0	0	0	162
Grand Total	169	0	1	1	16	19	71	92	75	26	7	0	0	0	477

15th Percentile : 1 MPH
 50th Percentile : 19 MPH
 85th Percentile : 25 MPH
 95th Percentile : 28 MPH

Statistics Mean Speed(Average) : 15 MPH
 10 MPH Pace Speed : 19-28 MPH
 Number in Pace : 247
 Percent in Pace : 51.8%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST E/O VONA CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 190419
 Station ID: 190419

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/05/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	2	0	0	0	0	0	0	0	0	1	0	0	0	0	3
09:00	4	0	0	0	0	1	4	4	4	0	0	0	0	0	17
10:00	4	0	0	0	0	0	3	1	0	1	0	0	0	0	9
11:00	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
12 PM	1	0	0	0	1	0	3	2	0	0	0	0	0	0	7
13:00	3	0	0	2	0	2	2	4	1	0	0	0	0	0	14
14:00	0	0	0	0	0	0	1	1	7	1	0	0	0	0	10
15:00	3	0	0	0	0	0	2	3	2	0	0	0	0	0	10
16:00	1	1	0	1	1	3	2	1	0	0	0	0	0	0	10
17:00	1	0	0	1	0	2	2	2	2	0	0	0	0	0	10
18:00	0	0	0	0	0	0	1	2	2	1	0	0	0	0	6
19:00	2	0	0	0	0	2	1	1	2	2	0	0	0	0	10
20:00	0	0	0	0	0	0	1	4	3	0	0	0	0	0	8
21:00	0	0	0	0	0	0	1	4	1	0	0	0	0	0	6
22:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
23:00	1	0	0	0	1	0	0	1	0	0	0	0	0	0	3
Total	23	1	0	4	3	11	26	33	28	6	0	0	0	0	135

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST E/O VONA CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 190419
 Station ID: 190419

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/06/19	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
08:00	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
09:00	2	0	0	1	0	1	3	2	1	1	0	0	0	0	11
10:00	1	0	0	0	0	2	3	1	3	0	0	0	0	0	10
11:00	1	0	0	0	0	1	1	3	0	0	0	0	0	0	6
12 PM	0	0	0	0	0	0	1	3	0	0	0	0	0	0	4
13:00	0	0	0	0	0	0	0	4	2	1	0	0	0	0	7
14:00	1	0	0	0	0	1	0	3	0	1	0	0	0	0	6
15:00	0	0	0	0	0	0	1	3	2	1	0	0	0	0	7
16:00	1	0	0	1	0	3	3	0	3	1	1	0	0	0	13
17:00	0	0	0	0	0	1	1	2	2	0	0	0	0	0	6
18:00	2	0	0	0	1	2	4	1	2	2	0	0	0	0	14
19:00	3	0	0	0	0	0	0	4	0	0	1	0	0	0	8
20:00	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
21:00	0	0	0	0	0	0	1	3	1	0	1	0	0	0	6
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
Total	12	0	0	2	1	13	19	34	21	7	4	0	0	0	113

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: RIVERBEND ST E/O VONA CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 190419
 Station ID: 190419

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/07/19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3
07:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
08:00	2	0	0	0	0	0	1	2	1	0	0	0	0	0	6
09:00	2	0	0	0	0	1	2	3	1	0	0	0	0	0	9
10:00	4	0	0	0	0	2	1	3	1	1	0	0	0	0	12
11:00	2	0	0	0	0	0	1	0	1	0	0	0	0	0	4
12 PM	1	0	0	0	0	1	2	2	1	0	0	0	0	0	7
13:00	0	0	0	0	0	0	0	2	2	1	1	0	0	0	6
14:00	2	0	0	0	0	0	0	3	1	1	0	0	0	0	7
15:00	1	0	0	0	0	1	2	3	0	0	0	0	0	0	7
16:00	1	0	0	0	0	0	2	2	1	1	0	0	0	0	7
17:00	2	0	0	0	0	2	4	1	1	0	1	0	0	0	11
18:00	2	0	0	0	0	0	0	4	3	0	0	0	0	0	9
19:00	3	0	0	0	0	0	0	4	3	0	0	0	0	0	10
20:00	2	0	0	0	0	0	0	2	1	0	0	0	0	0	5
21:00	0	0	0	0	0	1	2	1	1	1	0	0	0	0	6
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Total	24	0	0	0	0	8	20	34	21	5	2	0	0	0	114
Grand Total	59	1	0	6	4	32	65	101	70	18	6	0	0	0	362

15th Percentile : 2 MPH
 50th Percentile : 21 MPH
 85th Percentile : 25 MPH
 95th Percentile : 27 MPH

Statistics Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 247
 Percent in Pace : 68.2%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: AKRON PL E/O LAIRD CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191810
 Station ID: 191810

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/19/19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	3	0	0	0	0	1	0	0	0	0	0	0	0	0	4
07:00	5	0	0	0	0	0	1	0	0	0	0	0	0	0	6
08:00	6	0	0	0	0	1	1	1	0	0	0	0	0	0	9
09:00	31	0	0	0	1	2	5	3	0	0	0	0	0	0	42
10:00	8	0	0	0	0	2	2	3	0	0	0	0	0	0	15
11:00	7	0	0	0	0	1	2	1	0	0	0	0	0	0	11
12 PM	10	0	0	0	0	1	4	1	0	0	0	0	0	0	16
13:00	4	0	0	0	1	0	3	6	2	0	0	0	0	0	16
14:00	2	0	0	0	1	0	3	9	2	0	0	0	0	0	17
15:00	3	0	0	0	2	4	1	2	1	0	0	0	0	0	13
16:00	10	0	0	0	0	5	4	1	1	0	0	0	0	0	21
17:00	11	0	2	1	0	3	9	6	0	0	1	0	0	0	33
18:00	6	0	0	0	0	1	9	5	1	0	0	0	0	0	22
19:00	7	0	0	0	0	2	7	6	2	0	0	0	0	0	24
20:00	3	0	0	0	0	1	0	4	1	0	0	0	0	0	9
21:00	4	0	0	0	0	0	3	3	0	0	0	0	0	0	10
22:00	3	0	0	0	0	0	1	1	0	0	0	0	0	0	5
23:00	1	0	0	0	1	1	1	3	0	1	0	0	0	0	8
Total	125	0	2	1	7	25	56	56	10	1	1	0	0	0	284

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: AKRON PL E/O LAIRD CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191810
 Station ID: 191810

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/20/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	0	0	0	0	0	1	0	0	0	0	0	0	3
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	13	0	0	0	0	1	1	1	0	0	0	0	0	0	16
09:00	21	0	0	1	0	3	5	3	0	0	0	0	0	0	33
10:00	16	0	2	0	0	2	4	1	1	0	0	0	0	0	26
11:00	7	0	0	0	0	2	4	1	0	1	0	0	0	0	15
12 PM	3	0	0	0	0	1	2	3	1	0	0	0	0	0	10
13:00	11	0	0	0	0	3	4	1	1	0	0	0	0	0	20
14:00	4	0	0	1	0	1	4	1	2	0	0	0	0	0	13
15:00	6	0	0	0	1	2	1	2	0	0	0	0	0	0	12
16:00	7	0	0	0	0	5	5	0	0	0	0	0	0	0	17
17:00	5	0	0	0	0	3	6	5	0	0	0	1	0	0	20
18:00	4	0	0	0	0	1	11	6	1	1	0	0	0	0	24
19:00	6	0	0	0	0	4	5	1	2	0	0	0	0	0	18
20:00	3	0	0	0	0	3	2	2	0	0	0	0	0	0	10
21:00	2	0	0	0	0	1	3	2	2	0	0	0	0	0	10
22:00	1	0	0	0	0	0	4	1	0	0	0	0	0	0	6
23:00	0	0	0	0	0	1	1	1	0	1	0	0	0	0	4
Total	112	0	2	2	1	34	62	32	10	3	0	1	0	0	259

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: AKRON PL E/O LAIRD CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191810
 Station ID: 191810

EB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/21/19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	0	0	0	0	1	0	1	0	0	0	0	0	4
07:00	5	0	0	0	0	0	1	0	0	0	0	0	0	0	6
08:00	10	0	0	0	1	0	0	1	0	0	0	0	0	0	12
09:00	13	0	0	0	1	1	7	1	2	0	0	0	0	0	25
10:00	7	0	0	0	0	1	1	0	0	0	0	0	0	0	9
11:00	5	0	0	0	0	1	3	0	0	0	0	0	0	0	9
12 PM	9	1	1	0	0	0	2	0	0	0	0	0	0	0	13
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	52	1	1	0	2	3	15	3	3	0	0	0	0	0	80
Grand Total	289	1	5	3	10	62	133	91	23	4	1	1	0	0	623

15th Percentile : -1 MPH
 50th Percentile : 15 MPH
 85th Percentile : 21 MPH
 95th Percentile : 23 MPH

Statistics Mean Speed(Average) : 12 MPH
 10 MPH Pace Speed : 1-10 MPH
 Number in Pace : 296
 Percent in Pace : 47.5%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: AKRON PL E/O LAIRD CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191810
 Station ID: 191810

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/19/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
08:00	0	0	0	0	0	1	4	4	1	0	0	0	0	0	10
09:00	0	0	0	0	1	0	3	6	2	0	0	0	0	0	12
10:00	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3
11:00	1	0	0	0	0	0	2	1	0	0	0	0	0	0	4
12 PM	0	0	0	0	0	2	1	1	2	1	0	0	0	0	7
13:00	0	0	0	0	0	0	1	3	2	0	0	0	0	0	6
14:00	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
15:00	0	0	0	0	0	1	3	1	0	0	0	0	0	0	5
16:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
17:00	3	0	0	0	0	2	2	2	0	0	0	0	0	0	9
18:00	0	0	0	0	1	2	1	2	1	0	0	0	0	0	7
19:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
20:00	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Total	4	0	0	2	2	9	22	26	9	1	0	0	0	0	75

COUNTER MEASURES INC.
1889 YORK STREET
DENVER, COLORADO 80206
303-333-7409

Location: AKRON PL E/O LAIRD CT
 City: SUPERIOR
 County: BOULDER
 Direction: EASTBOUND-WESTBOUND

Site Code: 191810
 Station ID: 191810

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/20/19	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	1	0	2	0	0	0	0	0	3
08:00	0	0	0	0	0	1	5	4	1	0	0	0	0	0	11
09:00	2	0	0	0	0	1	6	7	1	0	0	0	0	0	17
10:00	0	0	0	0	0	0	4	3	1	0	0	0	0	0	8
11:00	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3
12 PM	0	0	0	0	0	1	1	1	1	1	0	0	0	0	5
13:00	1	0	0	0	0	1	1	2	1	0	0	0	0	0	6
14:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3
15:00	1	0	0	0	0	2	3	2	2	0	0	0	0	0	10
16:00	0	0	0	0	0	0	2	2	1	0	0	0	0	0	5
17:00	1	0	0	0	0	2	2	2	1	0	1	0	0	0	9
18:00	0	0	0	0	0	1	2	4	0	0	0	0	0	0	7
19:00	0	0	0	0	0	2	3	0	0	0	0	0	0	0	5
20:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
21:00	1	0	0	0	1	0	0	1	0	0	0	0	0	0	3
22:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	0	0	1	1	13	33	31	12	1	1	0	0	0	99

COUNTER MEASURES INC.
1889 YORK STREET
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Location: AKRON PL E/O LAIRD CT
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 Direction: EASTBOUND-WESTBOUND

Site Code: 191810
 Station ID: 191810

WB

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total
	3	6	9	12	15	18	21	24	27	30	33	36	39	999	
11/21/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
07:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
08:00	0	0	0	0	0	3	1	6	1	0	0	0	0	0	11
09:00	2	0	0	0	0	2	5	9	4	0	0	0	0	0	22
10:00	0	0	0	0	0	0	4	2	3	0	0	0	0	0	9
11:00	0	0	0	0	0	1	3	1	0	0	0	0	0	0	5
12 PM	3	0	0	0	0	0	1	1	1	0	0	0	0	0	6
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	0	0	0	0	6	14	22	9	0	0	0	0	0	56
Grand Total	15	0	0	3	3	28	69	79	30	2	1	0	0	0	230

15th Percentile : 16 MPH
 50th Percentile : 20 MPH
 85th Percentile : 23 MPH
 95th Percentile : 26 MPH

Statistics Mean Speed(Average) : 20 MPH
 10 MPH Pace Speed : 18-27 MPH
 Number in Pace : 187
 Percent in Pace : 81.3%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

From: diana leiker <leikerdiana@hotmail.com>
Sent: Wednesday, November 20, 2019 2:39 PM
To: Town Board <townboard@superiorcolorado.gov>
Subject: Sagamore Pedestrian Safety

Hello,

I live in the Sagamore neighborhood and some of my neighbors and I have been curious if it would be possible for the Town to paint cross walks at the many blind corners in the neighborhood to slow vehicles and ensure the safety of children and those walking their dogs in the neighborhood. We greatly appreciate the initial steps taken to try and improve safety at the intersection of 76th and look forward to a long-term solution there. I believe safety within the neighborhood is also a serious concern. Personally, I have had many close calls, particularly at the primary entrances going north and south into the neighborhood. The speed limit in the neighborhood is 25 which seems rather high given the limited line of sight for many corners in the neighborhood. I am not sure if it would be possible to lower that speed to 15 and do some cross walk painting to try and improve pedestrian safety? I was not sure who to take this request to, but hoping you might be able to help?

Thank you so much in advance for your time, I hope you all have a great afternoon!

Diana Leiker
349 Shawnee Lane