



# TOWN OF FAIRFAX

## SUPPLEMENTAL STAFF REPORT

### February 17, 2021

**TO:** Mayor and Town Council

**FROM:** Garrett Toy, Town Manager

**SUBJECT:** Consider the questionnaire results for the Cascade Drive striping project and updated traffic speed survey and provide direction to staff regarding the disposition of the project

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#### **RECOMMENDATION**

Consider the questionnaire results for the Cascade Drive striping project and updated traffic survey and provide direction to staff regarding the disposition of the project.

#### **DISCUSSION**

This staff report updates the on-line questionnaire (Final) which closed Tuesday morning (2/16). The initial staff report reflected the preliminary results as of 3:44 pm on Friday, 2/12 (Friday report). The recommendations and other information contained in the initial staff report have not changed.

For the final report, a total of 105 responses were received, of which 61 were registered responses. Of the 61 registered responses, only 4 were not Fairfax residents. There were 44 unregistered respondents. Registered responses allow us to determine if respondents live in Town and ensures registrants do not vote more than once. There is no way to ascertain to what extent unregistered respondents are Fairfax residents or not.

The Friday report had a total of 76 responses of which 49 were registered respondents and 27 were unregistered.

To simplify the analysis, we focused solely on the combined responses. For comparison purposes, we included the Friday Report results along with Final Report results under each question. With the 29 added responses, there were some changes in the percentage totals of specific responses. It appears the majority of the new respondents selected responses which indicate they do not like the project and/or want the striping restored to its original condition. However, it depends on your perspective as to whether the percentage changes are significant.

#### **QUESTIONS 1, 2 & 3**

Questions 1, 2 & 3 focused on where respondents lived.

#### **Friday Report**

Of the 76 responses, 49 (64.5%) said they lived in the Cascade neighborhood and, of those 36 lived on Cascade Drive, of which 9 lived in the curved restriped section, 5 lived to the east, and 23 lived west of the section.

### Final Report

Of the 105 responses, 71 (67.6%) said they lived in the Cascade neighborhood and, of those 42 lived on Cascade Drive, of which 10 lived in the curved restriped section, 6 lived to the east, and 31 lived west of the section.

### **QUESTION #4**

Question 4 asked respondents if they felt safer or less safe driving on Cascade than before the added dashed yellow center line.

### Friday Report

Approximately 36.8% (28) of the respondents said they felt less safe. Approximately 35.5% (27) said they felt safer and 17.1% (13) said they felt about the same.

### Final Report

Approximately 39% (41) of the respondents said they felt less safe. Approximately 35.5% (37) said they felt safer and 15.2% (16) said they felt about the same.

### **QUESTION #5**

Question 5 asked respondents if they felt safer or less safe walking and/or bicycling on Cascade than before the added dashed yellow center line.

### Friday Report

Approximately 35.5% (27) of the responses said they felt less safe. Approximately 15% (15) said they felt safer and 30.3% (23) said it felt about the same.

### Final Report

Approximately 39% (41) of the responses said they felt less safe. Approximately 18.1% (19) said they felt safer and 26.7% (28) said it felt about the same.

### **QUESTION #6**

Question 6 asked respondents why they felt less safe (respondents could select more than one reason).

### Friday Report

Approximately 63.5% (33) respondents selected "The lanes are too narrow for oversized vehicles which cross over the added dashed yellow center line and is more confusing for on-coming traffic." Approximately 67.3% (35) selected "Cars park or still park in the white line areas where they did not park before." Approximately 46.2% (24) selected "It is unclear whether I can move over into the white fog line area." Approximately 34.6% (18) selected "Vehicles aren't slowing down" or "other."

### Final Report

Approximately 68.9% (51) respondents selected "The lanes are too narrow for oversized vehicles which cross over the added dashed yellow center line and is more confusing for on-coming traffic." Approximately 59.5% (44) selected "Cars park or still park in the white line areas where they did not park before." Approximately 45.9% (34) selected "It is unclear whether I can move over into the white fog line area." Approximately 33.8% (25) selected "Vehicles aren't slowing down" or "other."

## **QUESTION #7**

Question 7 asked respondents if they would support keeping the dashed yellow center line if the Town made additional modifications.

### Friday Report

Approximately 39.5% (30) selected “yes”. Approximately 26.3% (20) said “no.”  
Approximately 34.2% (26) selected “don’t know/depends on the modifications.”

### Final Report

Approximately 36.2% (38) selected “yes”. Approximately 27.6% (29) said “no.”  
Approximately 36.2% (38) selected “don’t know/depends on the modifications.”

## **QUESTION #8**

Question 8 asked respondents their preferences “if the recent (January 2021) traffic survey indicated traffic speeds remained the same with the added dashed yellow line as with the initial “two-way” traffic calming section.”

### Friday Report

Approximately, 57.9% (44) said “Restore the original striping with double yellow center line.” The other preferences of keeping the current striping with the added dashed yellow center line or with modifications or restoring the previous two-way traffic section received a combined total of 36.8% (28).

### Final Report

Approximately, 57.1% (60) said “Restore the original striping with double yellow center line.” The other preferences of keeping the current striping with the added dashed yellow center line or with modifications or restoring the previous two-way traffic section received a combined total of 37.1% (39).

## **QUESTION #9**

Question 9 asked respondents for their overall impression of the added dashed yellow center line.

### Friday Report

Approximately 47.4% (36) strongly disliked or disliked. Approximately 34.2% (26) selected strongly liked or liked. Approximately 18.4% (14) were neutral.

### Final Report

Approximately 49.5% (52) strongly disliked or disliked. Approximately 29.5% (31) selected strongly liked or liked. Approximately 21% (22) were neutral.

## **QUESTION #10**

Question 10 asked “Do you believe traffic calming measures are needed or still warranted in the curved section of Cascade?”

### Friday Report

Approximately 38.2% (29) said “yes.” Approximately 46.1% (35) said “no.” Twelve (15.8%) respondents selected “don’t know/unsure.”

### Final Report

Approximately 41.9% (44) said “yes.” Approximately 44.8% (47) said “no.” Fourteen (13.3%) respondents selected “don’t know/unsure.”

### **QUESTION #11**

Question 11 asked for respondents who selected “no” to question #10 to select a reason why.

### Friday Report

Approximately, 26.1% (12) indicated that “Vehicles will drive the same speed regardless of any traffic calming measures.” Approximately 28.3% (13) selected “Pedestrians and cyclist were safer or as safe before any restriping project.” “Other” received 19 responses.

### Final Report

Approximately, 25.8% (16) indicated that “Vehicles will drive the same speed regardless of any traffic calming measures.” Approximately 33.9% (21) selected “Pedestrians and cyclist were safer or as safe before any restriping project.” “Other” received 22 responses.

### **QUESTION #12**

Question 12 asked for preferences regarding the project.

### Friday Report

Approximately 53.9% (41) selected the option to “eliminate the striping and restore to the previous condition”. Approximately, 40.8% (31) combined said to “keep the current striping with the added dashed yellow center line, keep current striping with modifications, or restore the “two-way” traffic section.

### Final Report

Approximately 52.4% (55) selected the option to “eliminate the striping and restore to the previous condition”. Approximately, 41.9% (44) combined said to “keep the current striping with the added dashed yellow center line, keep current striping with modifications, or restore the “two-way” traffic section.

Please remember that the on-line questionnaires are not intended to be scientific surveys, but rather a tool for the Council to gather public input on issues and to consider such input in their decision-making process.

### **FISCAL IMPACT**

n/a

### **ATTACHMENTS**

- A. Summary of questionnaire
- B. Summary of questionnaire- registered responses (for reference)
- C. Summary of questionnaire- unregistered responses (for reference)
- D. Individual registered responses (61) available online at <https://www.townoffairfax.org/community-forum/>



# Cascade Drive Striping Project

February 16, 2021, 6:54 PM

## Contents

- i. Summary of responses 2

ATTACHMENT A

## Cascade Drive Striping Project

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

### Summary Of Responses

<b>As of February 16, 2021, 6:54 PM, this forum had:</b>	<b>Topic Start</b>	<b>Topic End</b>
Attendees: 150	February 1, 2021, 3:47 PM	February 16, 2021, 2:27 PM
Responses: 105		
Hours of Public Comment: 5.3		


#### QUESTION 1

##### Do you live on Cascade Drive?

		%	Count
Yes		40.0%	42
No		56.2%	59
Decline to answer		3.8%	4

#### QUESTION 2

##### If Yes, where on Cascade Drive do you live in relation to the curved restriped section with the dashed yellow center line?

		%	Count
East of the section		8.5%	6
West of the section		43.7%	31
In the curved restriped section		14.1%	10
Decline to answer		33.8%	24

#### QUESTION 3

## Cascade Drive Striping Project





What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

**Do you live in the Cascade Drive neighborhood (e.g., Laurel, Meadow Way, Canyon Road )?**

		<b>%</b>	<b>Count</b>
Yes		67.6%	71
No		28.6%	30
Decline to answer		3.8%	4





### QUESTION 4

**When you drive on Cascade in the restriped section with the added dashed yellow center line, do you feel (select one):**

		<b>%</b>	<b>Count</b>
Less safe than before the restriping with the added dashed yellow center line		39.0%	41
Safer than before the restriping with the added dashed yellow center line		35.2%	37
About the same		15.2%	16
Don't know / Unsure / NA		10.5%	11

### QUESTION 5

**When you walk and/or ride a bicycle on Cascade Drive in the section with the added dashed yellow center line, do you feel (select one):**







		<b>%</b>	<b>Count</b>
Less safe than before the added dashed yellow center line		39.0%	41
Safer than before the added dashed yellow center line		18.1%	19
About the same		26.7%	28
Don't know / Unsure / NA		16.2%	17

## Cascade Drive Striping Project

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

### QUESTION 6

If you answered less safe, please select reasons why:

		%	Count
The lanes are too narrow for oversized vehicles which cross over the added dashed yellow center line and is more confusing for on-coming traffic		68.9%	51
Cars park or still park in the white line areas where they did not park before		59.5%	44
It is unclear whether I can move over into the white fog line area		45.9%	34
Vehicles are not slowing down		33.8%	25
Don't know / Unsure		8.1%	6
Other		33.8%	25

### QUESTION 7

If the Town made more modifications to the area, such as more signage for no parking in the pavement areas, narrow lanes ahead signs, and/or other improvements, would you support keeping the added dashed yellow center line in place?

		%	Count
Yes		36.2%	38
No		27.6%	29
Don't know / Depends on the modifications		36.2%	38

### QUESTION 8

The recent (January 2021) traffic survey indicated traffic speeds remained the same with the added dashed yellow line as with the initial "two-way" traffic calming section. Knowing this, my preference is (select one):

		%	Count
Keep the current striping with the added dashed yellow center line		10.5%	11



## Cascade Drive Striping Project

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

		%	Count
Keep the current striping with the added dashed yellow center line with minor modifications to be determined		13.3%	14
Restore the previous two-way traffic calming section without a dashed yellow center line		13.3%	14
Restore the original striping pattern with no white fog lines and the original double yellow center line		57.1%	60
Don't know / Neutral		5.7%	6

### QUESTION 9

What is your overall impression of the added dashed yellow center line (select one)?

		%	Count
Strongly dislike		32.4%	34
Dislike		17.1%	18
Neutral		21.0%	22
Like		20.0%	21
Strongly like		9.5%	10

### QUESTION 10

Are traffic calming measures needed or still warranted in the curved section of Cascade?





		%	Count
Yes		41.9%	44
No		44.8%	47
Don't know / Unsure		13.3%	14

## Cascade Drive Striping Project

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?






### QUESTION 11

**If you answered No to the previous question, why not (please select one)?**

		<b>%</b>	<b>Count</b>
Vehicles will drive the same speed regardless of any traffic calming measures.		25.8%	16
Some traffic calming measures needed but not what the Town implemented.		4.8%	3
Pedestrians and cyclist were safer or as safe before any restriping project.		33.9%	21
Other		35.5%	22

### QUESTION 12

**My preference is that the Town (select one):**

		<b>%</b>	<b>Count</b>
Eliminate the restriping and restore the original striping configuration with a double yellow center line and no fog lines.		52.4%	55
Keep the current striping plan with the dashed yellow center line with modifications to be determined.		19.0%	20
Keep the current striping configuration with the dashed yellow center line.		8.6%	9
Restore the "two-way" traffic section with no added dashed yellow center line.		14.3%	15
Don't Know / Neutral		6.7%	7

### QUESTION 13

**Additional comments:**

Answered	67
Skipped	38



# Cascade Drive Striping Project

February 16, 2021, 6:56 PM

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ATTACHMENT B

## Cascade Drive Striping Project

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

### Summary Of Registered Responses

<b>As of February 16, 2021, 6:56 PM, this forum had:</b>	<b>Topic Start</b>	<b>Topic End</b>
Attendees: 150	February 1, 2021, 3:47 PM	February 16, 2021, 2:27 PM
Registered Responses: 61		
Hours of Public Comment: 5.3		

#### QUESTION 1

##### Do you live on Cascade Drive?

		%	Count
Yes		45.9%	28
No		49.2%	30
Decline to answer		4.9%	3

#### QUESTION 2

##### If Yes, where on Cascade Drive do you live in relation to the curved restriped section with the dashed yellow center line?

		%	Count
East of the section		7.1%	3
West of the section		42.9%	18
In the curved restriped section		16.7%	7
Decline to answer		33.3%	14

#### QUESTION 3

## Cascade Drive Striping Project





What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

### Do you live in the Cascade Drive neighborhood (e.g., Laurel, Meadow Way, Canyon Road )?

		%	Count
Yes		70.5%	43
No		24.6%	15
Decline to answer		4.9%	3





#### QUESTION 4

When you drive on Cascade in the restriped section with the added dashed yellow center line, do you feel (select one):

		%	Count
Less safe than before the restriping with the added dashed yellow center line		36.1%	22
Safer than before the restriping with the added dashed yellow center line		37.7%	23
About the same		16.4%	10
Don't know / Unsure / NA		9.8%	6

#### QUESTION 5

When you walk and/or ride a bicycle on Cascade Drive in the section with the added dashed yellow center line, do you feel (select one):







		%	Count
Less safe than before the added dashed yellow center line		36.1%	22
Safer than before the added dashed yellow center line		19.7%	12
About the same		27.9%	17
Don't know / Unsure / NA		16.4%	10

## Cascade Drive Striping Project

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

### QUESTION 6

If you answered less safe, please select reasons why:

		%	Count
The lanes are too narrow for oversized vehicles which cross over the added dashed yellow center line and is more confusing for on-coming traffic		65.1%	28
Cars park or still park in the white line areas where they did not park before		67.4%	29
It is unclear whether I can move over into the white fog line area		41.9%	18
Vehicles are not slowing down		37.2%	16
Don't know / Unsure		7.0%	3
Other		37.2%	16

### QUESTION 7

If the Town made more modifications to the area, such as more signage for no parking in the pavement areas, narrow lanes ahead signs, and/or other improvements, would you support keeping the added dashed yellow center line in place?

		%	Count
Yes		44.3%	27
No		27.9%	17
Don't know / Depends on the modifications		27.9%	17

### QUESTION 8

The recent (January 2021) traffic survey indicated traffic speeds remained the same with the added dashed yellow line as with the initial "two-way" traffic calming section. Knowing this, my preference is (select one):

		%	Count
Keep the current striping with the added dashed yellow center line		13.1%	8

## Cascade Drive Striping Project

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

		%	Count
Keep the current striping with the added dashed yellow center line with minor modifications to be determined		16.4%	10
Restore the previous two-way traffic calming section without a dashed yellow center line		9.8%	6
Restore the original striping pattern with no white fog lines and the original double yellow center line		52.5%	32
Don't know / Neutral		8.2%	5

### QUESTION 9

What is your overall impression of the added dashed yellow center line (select one)?

		%	Count
Strongly dislike		27.9%	17
Dislike		14.8%	9
Neutral		21.3%	13
Like		21.3%	13
Strongly like		14.8%	9

### QUESTION 10

Are traffic calming measures needed or still warranted in the curved section of Cascade?





		%	Count
Yes		37.7%	23
No		45.9%	28
Don't know / Unsure		16.4%	10

## Cascade Drive Striping Project

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?






### QUESTION 11

**If you answered No to the previous question, why not (please select one)?**

		<b>%</b>	<b>Count</b>
Vehicles will drive the same speed regardless of any traffic calming measures.		22.2%	8
Some traffic calming measures needed but not what the Town implemented.		5.6%	2
Pedestrians and cyclist were safer or as safe before any restriping project.		30.6%	11
Other		41.7%	15

### QUESTION 12

**My preference is that the Town (select one):**

		<b>%</b>	<b>Count</b>
Eliminate the restriping and restore the original striping configuration with a double yellow center line and no fog lines.		50.8%	31
Keep the current striping plan with the dashed yellow center line with modifications to be determined.		19.7%	12
Keep the current striping configuration with the dashed yellow center line.		11.5%	7
Restore the "two-way" traffic section with no added dashed yellow center line.		11.5%	7
Don't Know / Neutral		8.2%	5

### QUESTION 13

**Additional comments:**

Answered	40
Skipped	21





# Cascade Drive Striping Project unreg

February 16, 2021, 6:55 PM

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ATTACHMENT C

## Cascade Drive Striping Project unreg

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

# Summary Of Unregistered Responses

<b>As of February 16, 2021, 6:55 PM, this forum had:</b>	<b>Topic Start</b>	<b>Topic End</b>
Attendees: 150	February 1, 2021, 3:47 PM	February 16, 2021, 2:27 PM
Unregistered Responses: 44		
Hours of Public Comment: 5.3		

### QUESTION 1

#### Do you live on Cascade Drive?

		%	Count
Yes		31.8%	14
No		65.9%	29
Decline to answer		2.3%	1

### QUESTION 2

#### If Yes, where on Cascade Drive do you live in relation to the curved restriped section with the dashed yellow center line?

		%	Count
East of the section		10.3%	3
West of the section		44.8%	13
In the curved restriped section		10.3%	3
Decline to answer		34.5%	10

### QUESTION 3

## Cascade Drive Striping Project unreg





What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

### Do you live in the Cascade Drive neighborhood (e.g., Laurel, Meadow Way, Canyon Road )?

		%	Count
Yes		63.6%	28
No		34.1%	15
Decline to answer		2.3%	1





#### QUESTION 4

When you drive on Cascade in the restriped section with the added dashed yellow center line, do you feel (select one):

		%	Count
Less safe than before the restriping with the added dashed yellow center line		43.2%	19
Safer than before the restriping with the added dashed yellow center line		31.8%	14
About the same		13.6%	6
Don't know / Unsure / NA		11.4%	5

#### QUESTION 5

When you walk and/or ride a bicycle on Cascade Drive in the section with the added dashed yellow center line, do you feel (select one):







		%	Count
Less safe than before the added dashed yellow center line		43.2%	19
Safer than before the added dashed yellow center line		15.9%	7
About the same		25.0%	11
Don't know / Unsure / NA		15.9%	7

## Cascade Drive Striping Project unreg

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?

### QUESTION 6

If you answered less safe, please select reasons why:

		%	Count
The lanes are too narrow for oversized vehicles which cross over the added dashed yellow center line and is more confusing for on-coming traffic		74.2%	23
Cars park or still park in the white line areas where they did not park before		48.4%	15
It is unclear whether I can move over into the white fog line area		51.6%	16
Vehicles are not slowing down		29.0%	9
Don't know / Unsure		9.7%	3
Other		29.0%	9

### QUESTION 7

If the Town made more modifications to the area, such as more signage for no parking in the pavement areas, narrow lanes ahead signs, and/or other improvements, would you support keeping the added dashed yellow center line in place?

		%	Count
Yes		25.0%	11
No		27.3%	12
Don't know / Depends on the modifications		47.7%	21

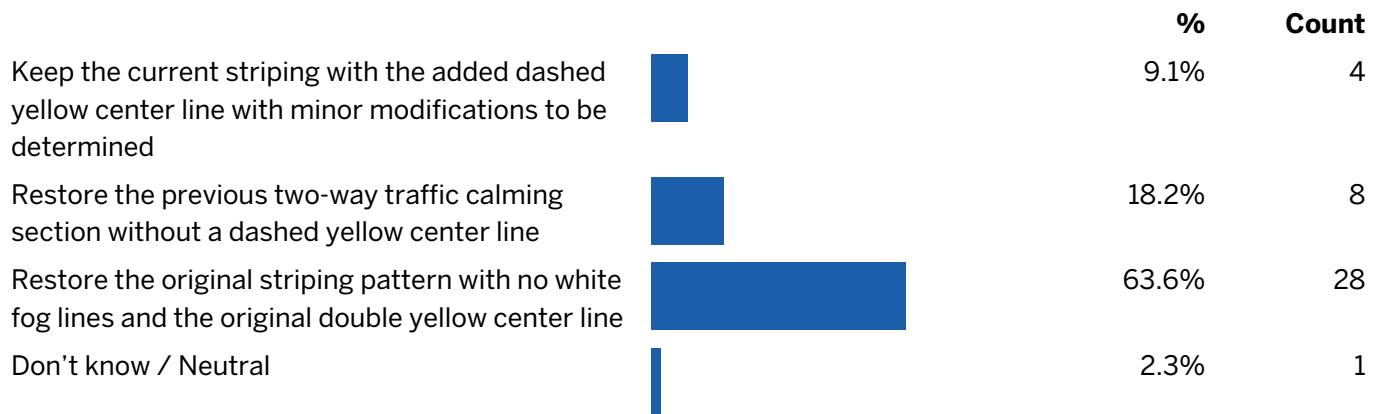
### QUESTION 8

The recent (January 2021) traffic survey indicated traffic speeds remained the same with the added dashed yellow line as with the initial "two-way" traffic calming section. Knowing this, my preference is (select one):

		%	Count
Keep the current striping with the added dashed yellow center line		6.8%	3

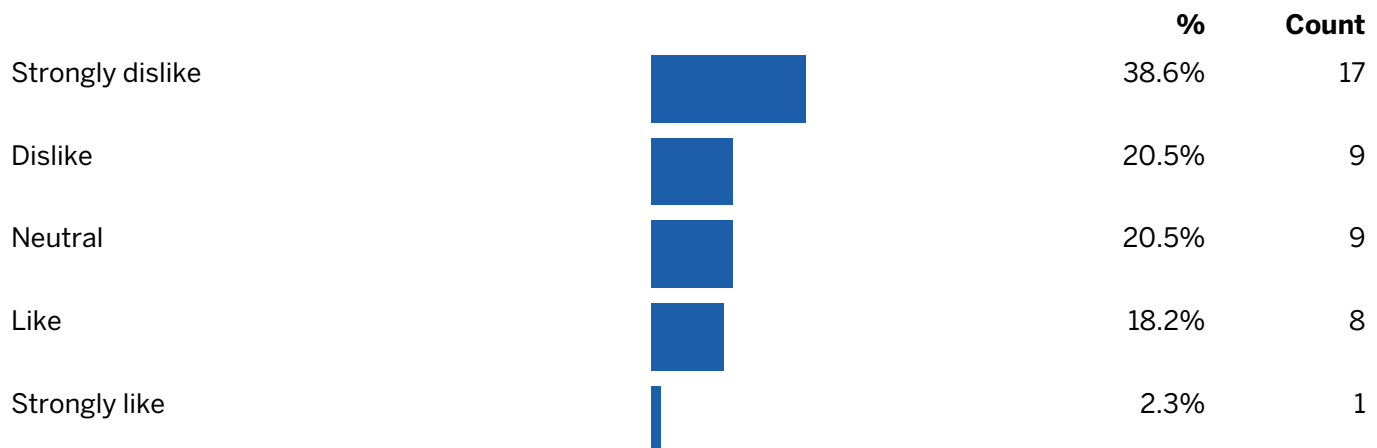
### Cascade Drive Striping Project unreg

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?



#### QUESTION 9

What is your overall impression of the added dashed yellow center line (select one)?



#### QUESTION 10

Are traffic calming measures needed or still warranted in the curved section of Cascade?







## Cascade Drive Striping Project unreg

What do you think about the dashed yellow center line ("restriping") added on Cascade Drive in December 2020?






### QUESTION 11

**If you answered No to the previous question, why not (please select one)?**

		<b>%</b>	<b>Count</b>
Vehicles will drive the same speed regardless of any traffic calming measures.		30.8%	8
Some traffic calming measures needed but not what the Town implemented.		3.8%	1
Pedestrians and cyclist were safer or as safe before any restriping project.		38.5%	10
Other		26.9%	7

### QUESTION 12

**My preference is that the Town (select one):**

		<b>%</b>	<b>Count</b>
Eliminate the restriping and restore the original striping configuration with a double yellow center line and no fog lines.		54.5%	24
Keep the current striping plan with the dashed yellow center line with modifications to be determined.		18.2%	8
Keep the current striping configuration with the dashed yellow center line.		4.5%	2
Restore the "two-way" traffic section with no added dashed yellow center line.		18.2%	8
Don't Know / Neutral		4.5%	2

### QUESTION 13

**Additional comments:**

Answered	27
Skipped	17