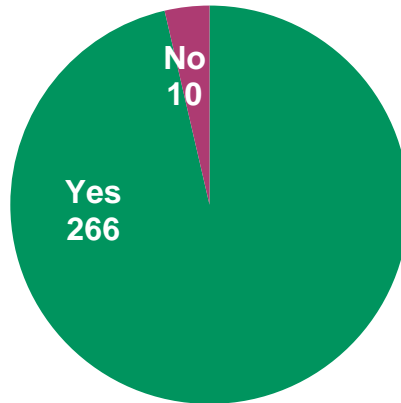


# Lake Road and Pioneer Drive Survey Results September 2020

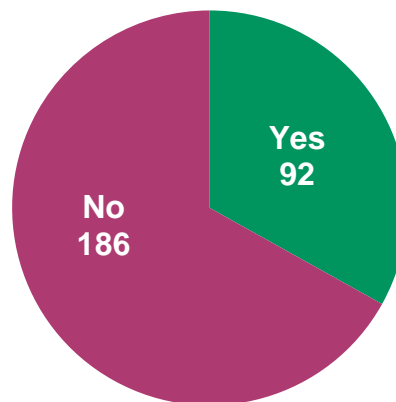
## Are you a Woodbury resident?



Answers	Count	Percentage
Yes	266	95.68%
No	10	3.6%

Answered: 276 Skipped: 2

## Do you or a member of your family attend Lake Middle School or Middleton Elementary School?

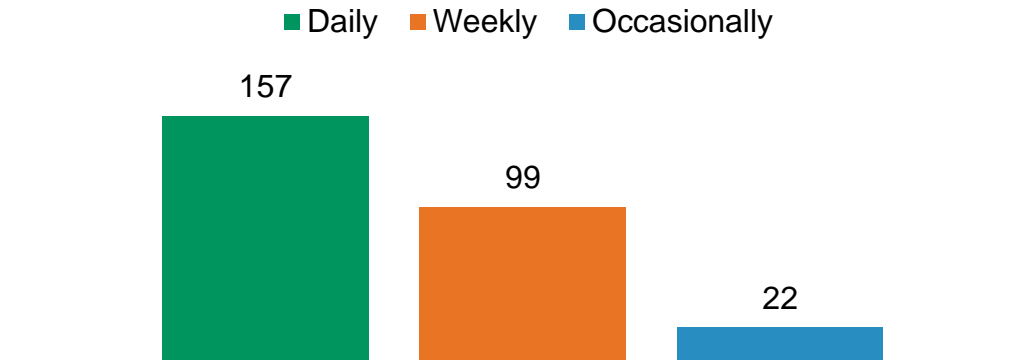


Answers	Count	Percentage
Yes	92	33.09%
No	186	66.91%

Answered: 278 Skipped: 0

# Lake Road and Pioneer Drive Survey Results September 2020

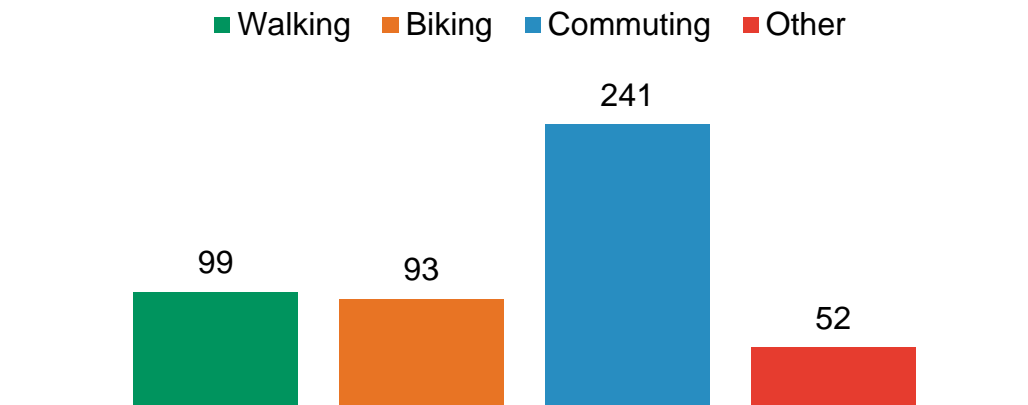
## How often do you use the intersection of Lake Road and Pioneer Drive?



Answers	Count	Percentage
Daily	157	56.47%
Weekly	99	35.61%
Occasionally	22	7.91%

Answered: 278 Skipped: 0

## How do you use this intersection?



Answers	Count	Percentage
Walking	99	35.61%
Biking	93	33.45%
Commuting	241	86.69%
Other	52	18.71%

Answered: 278 Skipped: 0

# Lake Road and Pioneer Drive Survey Results September 2020

**Rank the following issues from 1 to 8, 1 being most concerning and 5 being least concerning.**

Rank	Answers	1	2	3	4	5	Average Rank
1	Safe crossings and school access	29%	23%	18%	12%	6%	6.11
2	Pedestrian and bicycle safety	25%	17%	22%	12%	11%	5.83
3	Safety at crosswalks near to the intersection	12%	27%	25%	11%	9%	5.6
4	Traffic flow	21%	7%	9%	14%	20%	4.9
5	Vehicle speeds	6%	9%	10%	22%	18%	4.33
6	Sidewalk and trail connectivity	2%	5%	8%	17%	17%	3.55
7	Number of traffic lanes	3%	7%	4%	8%	22%	3.04
8	Pavement condition	2%	4%	4%	10%	18%	2.64

Answered: 276    Skipped: 2

## What improvements would you like to see?

### Common themes:

<b>Commuting users</b>
Pavement upgrades
Traffic flow
Pedestrian underpass
Limit delays at the intersection
Right turn lanes in all directions
Don't make roundabout too small
Clear signage and sight lines
Pedestrian safety improvements
Reduce school parking lot cut through traffic
<b>Walking users</b>
Clear signage for traffic and pedestrians
Improve pedestrian and bike safety at blue ridge drive
Pedestrian underpass
Brighter street lights
Landscaping considerations
Vehicle speed control
Rectangular rapid flashing beacons
Crossing signals at pedestrian crossings
Less traffic backup
Pedestrian acknowledgement

<b>Biking users</b>
Traffic calming strategies
Pedestrian underpass
Reduced speed limits
Crosswalk to east for students
<b>Other users</b>
Keep costs low
Turn lanes
Pedestrian safety for school crossings

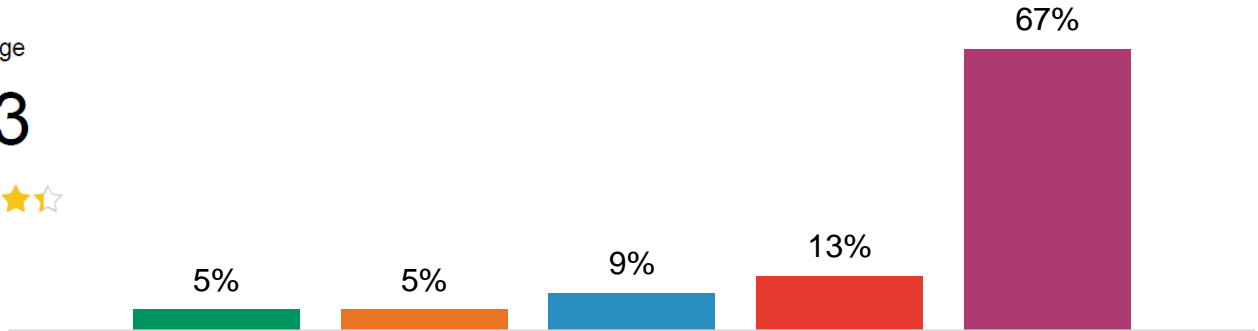
# Lake Road and Pioneer Drive Survey Results September 2020

## What is your comfort level with commuting through a signalized intersection?

1 (Not at all comfortable) 2 3 4 5 (Extremely comfortable)

Average

4.3



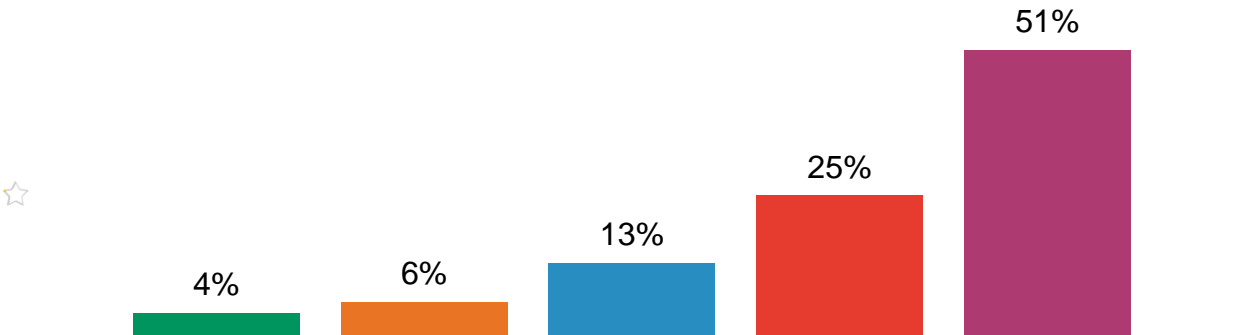
Answered: 276 Skipped: 2

## What is your comfort level walking through a signalized intersection?

1 (Not at all comfortable) 2 3 4 5 (Extremely comfortable)

Average

4.1



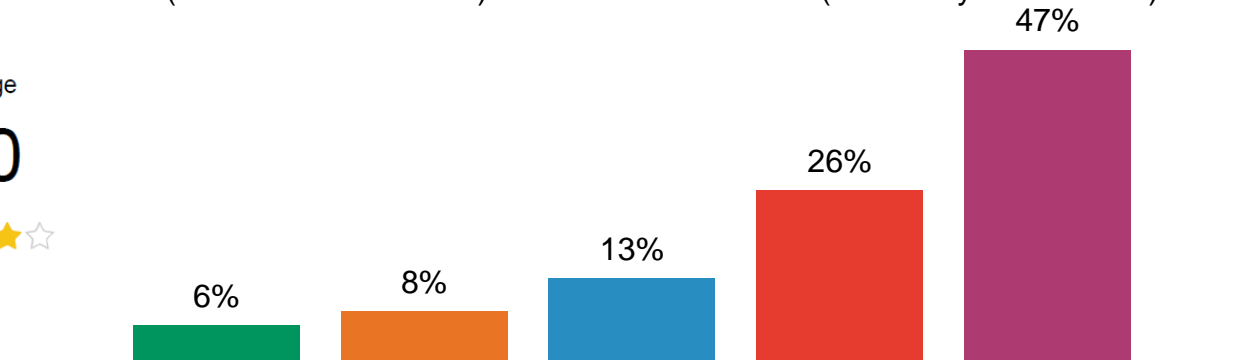
Answered: 276 Skipped: 2

## What is your comfort level biking through a signalized intersection?

1 (Not at all comfortable) 2 3 4 5 (Extremely comfortable)

Average

4.0



Answered: 276 Skipped: 2

# Lake Road and Pioneer Drive Survey Results September 2020

## What do you **like** about a signalized intersection?

### Common themes:

Commuting users
Forced traffic control
Pedestrians know when to cross, drivers don't need to pay full attention to pedestrians
Controlled traffic
Pedestrian safety
Not a lot to like
Construction timelines
Traffic completely stops to allow pedestrian crossings
Walking users
Traffic stops and gives time for pedestrians to cross
Provides a more safe crossing
Traffic knows how to use them / familiarity
Controlled
"Safest option"
"Regulates speed"
Half of traffic is stopped to reduces directions needed to look

Biking users
Clear right of way
Easier to control traffic
Not a lot to like
Predictable
Can adjust as necessary for traffic volumes
Familiarity
Other users
More control/predictable
traffic stops for pedestrians
Drivers are familiar and know what to do
Clear when to go and when to stop

## What do you **dislike** about a signalized intersection?

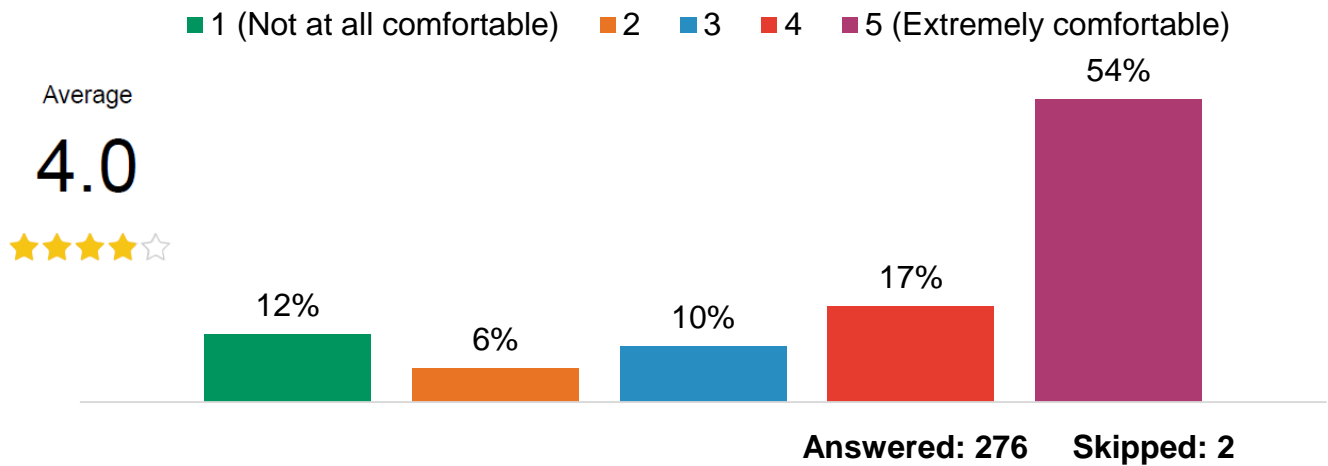
### Common themes:

Commuting users
Waiting on red lights
Cars racing to beat yellows/run red lights
Slow
Time consuming
Unnecessary stops
Vehicle speeds are higher
Emissions
Walking users
Maintenance costs
Wait times
Vehicles racing to hit yellow, running red lights
Visually unappealing
Right turning vehicles not acknowledging pedestrians
Back ups
Vehicle speeds

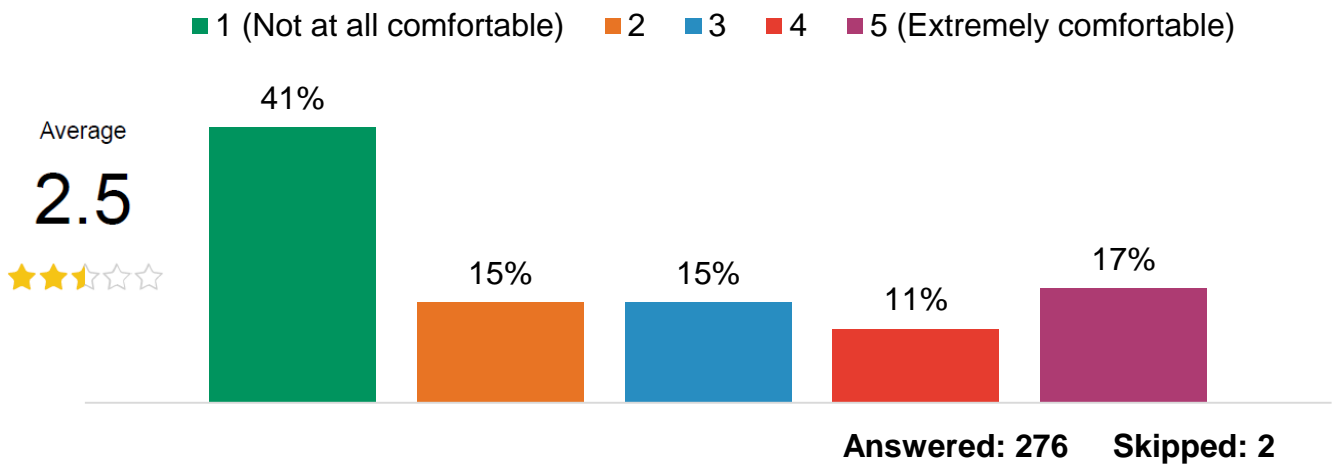
Biking users
Right turns complicate pedestrian crossings
Cars often stop on crosswalk
Increased injury for all crash types (vehicle on pedestrian, vehicle on vehicle)
Waiting
Crash severity
Increased vehicle speed
Red light runners, yellow light chasers
Emissions
Light pollution
Other users
Waiting for light to change
Doesn't help control speeds
Not a lot to like

# Lake Road and Pioneer Drive Survey Results September 2020

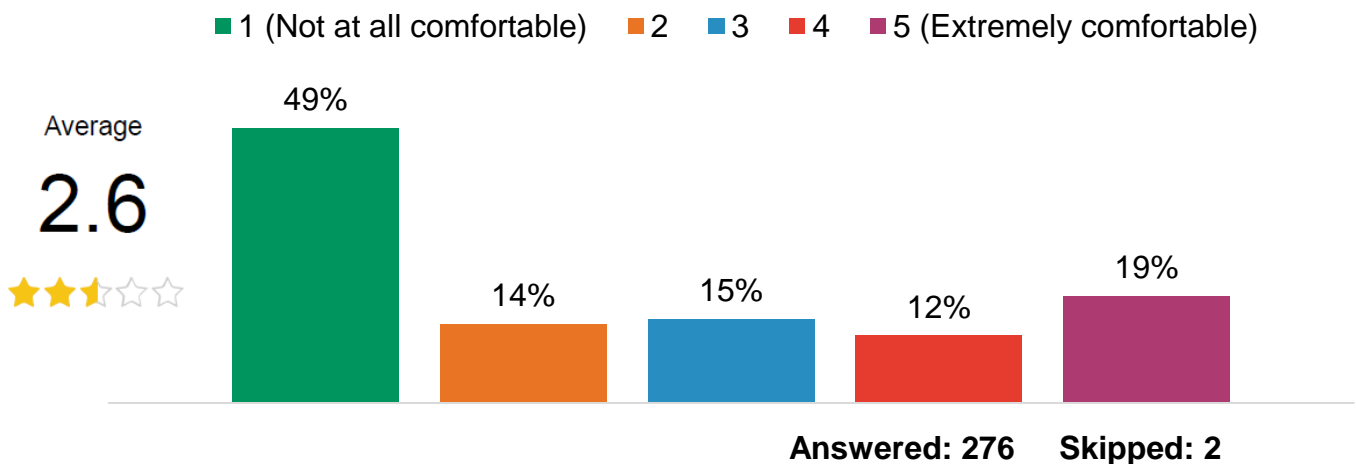
## What is your comfort level with commuting through a roundabout?



## What is your comfort level walking through a roundabout?



## What is your comfort level biking through a roundabout?



# Lake Road and Pioneer Drive Survey Results September 2020

## What do you **like** about a roundabout?

### Common themes:

<b>Commuting users</b>
Keeps traffic moving
Provides safer vehicular movements
Helps control vehicle speeds
Good for vehicles, "bad" for peds
Less maintenance / running costs
Not a lot to like
Crash severity
<b>Walking users</b>
Aesthetically pleasing
Cheaper long term maintenance
Keeps traffic moving
Only need to cross one lane of traffic at a time
Not a lot to like
Traffic flow
Aesthetically pleasing

<b>Biking users</b>
No need to stop
Not a lot to like
Safer than signal for all crashes
Efficient
One direction flow makes pedestrian crossing easier
Speed reduction in all directions
No red light runners / yellow chasers
Emissions
<b>Other users</b>
Not a lot to like
Slows down traffic
Reduced crash severity
Flow of traffic

## What do you **dislike** about a roundabout?

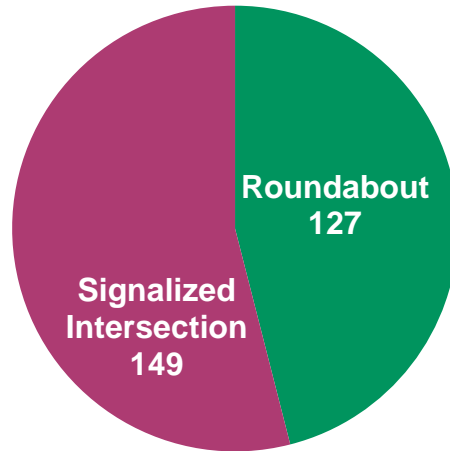
### Common themes:

<b>Commuting users</b>
Construction timelines
Pedestrian safety / pedestrian visibility
Hard to see pedestrians
Worry about cars behind not stopping
Driver confusion / don't know how roundabouts operate
Hard for pedestrians to find gaps in traffic to cross.
Drivers not yielding / stopping for pedestrians to cross
<b>Walking users</b>
Drivers having difficulty seeing peds
Drivers focusing on the left and not right
Crosswalk location often to close to center circle
Vehicle speed through roundabout
Drivers not anticipating peds
Less clear when to stop for peds
Drivers looking for enter/exit gaps and not on pedestrians
At multi-lane roundabouts you'll get one lane to stop, while the other does not
Sudden vehicle stops for peds result in rear end crashes

<b>Biking users</b>
Crosswalks to close to center circle
Crosswalk location
Traffic not stopping / yielding for peds
Sight lines and cars not seeing peds
Drivers not knowing how roundabouts operate
Abrupt stops for peds can cause confusion and potential rear end crashes
<b>Other users</b>
Difficult for pedestrians to cross with vehicles not stopping / yielding
Drivers don't understand how roundabouts work
Drivers stopping for peds resulting in rear end crashes
Move ped crossings further from center circle
Drivers looking left and not paying attention to pedestrians on the right

# Lake Road and Pioneer Drive Survey Results September 2020

**If your options are a roundabout or  
signalized intersection, which would you  
prefer?**



Answers	Count	Percentage
Signalized Intersection	149	54%
Roundabout	127	46%

Answered: 276 Skipped: 2