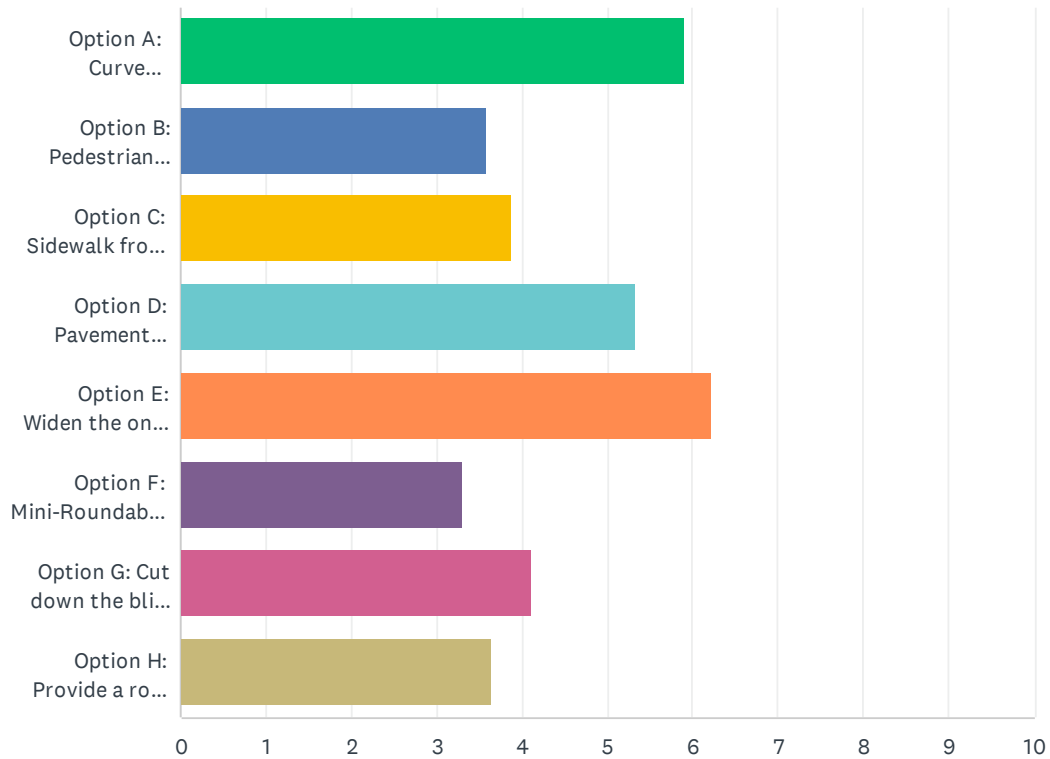


**Q1 Please rank the importance of the following possible Carson Road improvements shown on the three exhibits below, with “1” as the most desired and “8” as the least desired:**

Answered: 79   Skipped: 0

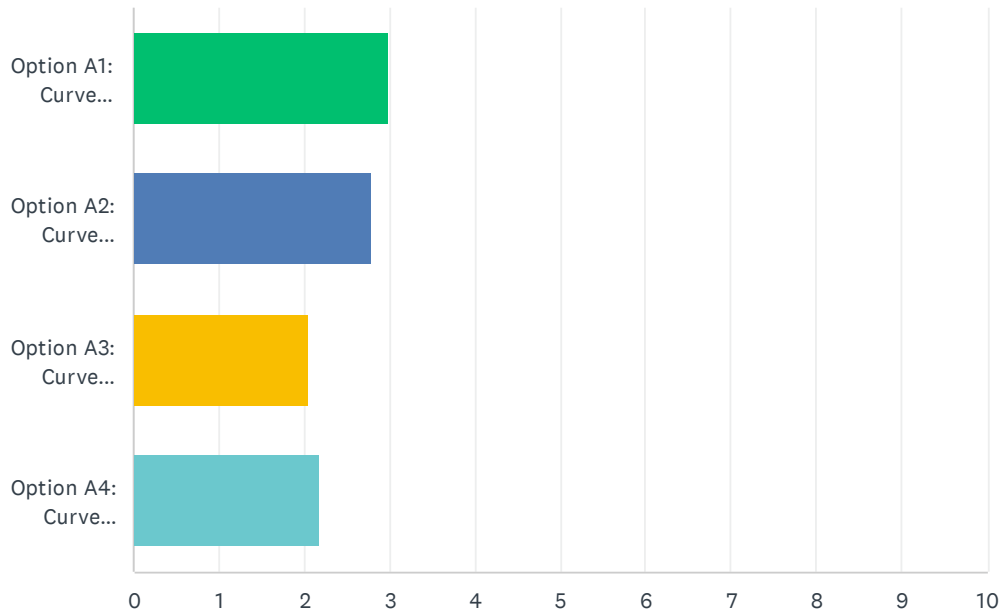


# Carson Road Safety Improvements Survey, Spring 2024

	1	2	3	4	5	6	7	8	TOTAL	SCORE
Option A: Curve improvements	20.25% 16	27.85% 22	13.92% 11	17.72% 14	7.59% 6	7.59% 6	3.80% 3	1.27% 1	79	5.91
Option B: Pedestrian connection from Apricot Trail to Challenger Avenue	6.33% 5	8.86% 7	7.59% 6	6.33% 5	13.92% 11	17.72% 14	21.52% 17	17.72% 14	79	3.59
Option C: Sidewalk from Apricot Trail to Derby Drive	1.27% 1	7.59% 6	12.66% 10	11.39% 9	20.25% 16	24.05% 19	15.19% 12	7.59% 6	79	3.87
Option D: Pavement widening on Carson Road at Challenger Avenue	18.99% 15	10.13% 8	18.99% 15	25.32% 20	10.13% 8	2.53% 2	7.59% 6	6.33% 5	79	5.33
Option E: Widen the one lane bridge	26.58% 21	29.11% 23	15.19% 12	11.39% 9	7.59% 6	7.59% 6	2.53% 2	0.00% 0	79	6.23
Option F: Mini-Roundabouts at neighborhood streets	8.86% 7	3.80% 3	8.86% 7	7.59% 6	7.59% 6	16.46% 13	15.19% 12	31.65% 25	79	3.30
Option G: Cut down the blind hill between Apricot Trail and Cundiff Drive	7.59% 6	8.86% 7	12.66% 10	11.39% 9	13.92% 11	17.72% 14	18.99% 15	8.86% 7	79	4.11
Option H: Provide a road from the Square at Bonsack shopping center to Carson Road	10.13% 8	3.80% 3	10.13% 8	8.86% 7	18.99% 15	6.33% 5	15.19% 12	26.58% 21	79	3.65

Q2 Specific curves were identified as being particularly poor. Please rank which curves need improvement, with “1” as most desired and “4” as least desired (Exhibit below for reference):

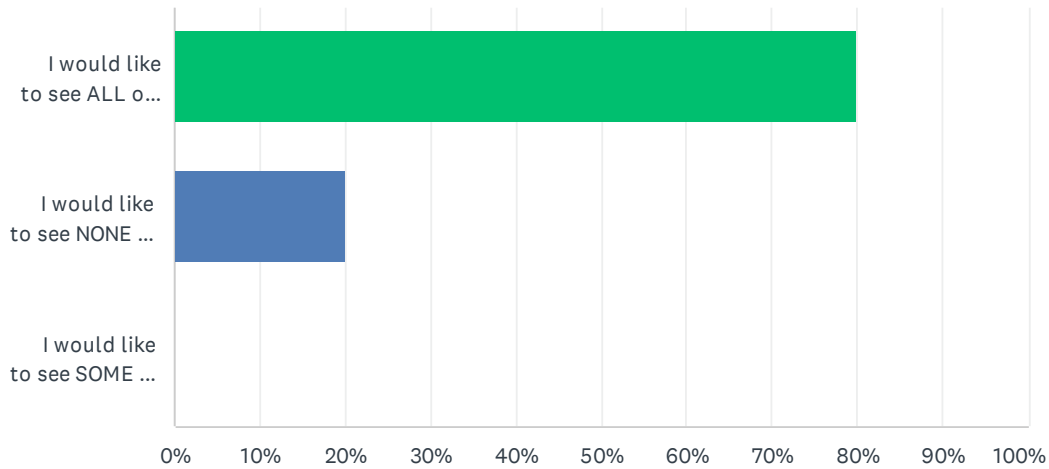
Answered: 55    Skipped: 24



	1	2	3	4	TOTAL	SCORE
Option A1: Curve improvements near steep hillside between Challenger Avenue and the one-lane bridge	38.18% 21	30.91% 17	21.82% 12	9.09% 5	55	2.98
Option A2: Curve improvements for the curve south of the bridge	23.64% 13	38.18% 21	32.73% 18	5.45% 3	55	2.80
Option A3: Curve improvements for the curves north of Apricot Trail	14.55% 8	12.73% 7	34.55% 19	38.18% 21	55	2.04
Option A4: Curve improvements at Derby Drive	23.64% 13	18.18% 10	10.91% 6	47.27% 26	55	2.18

### Q3 Do either of the following statements describe your opinion of the possible curve improvements to Carson Road (Options A1-A4)? [Skip if neither apply]

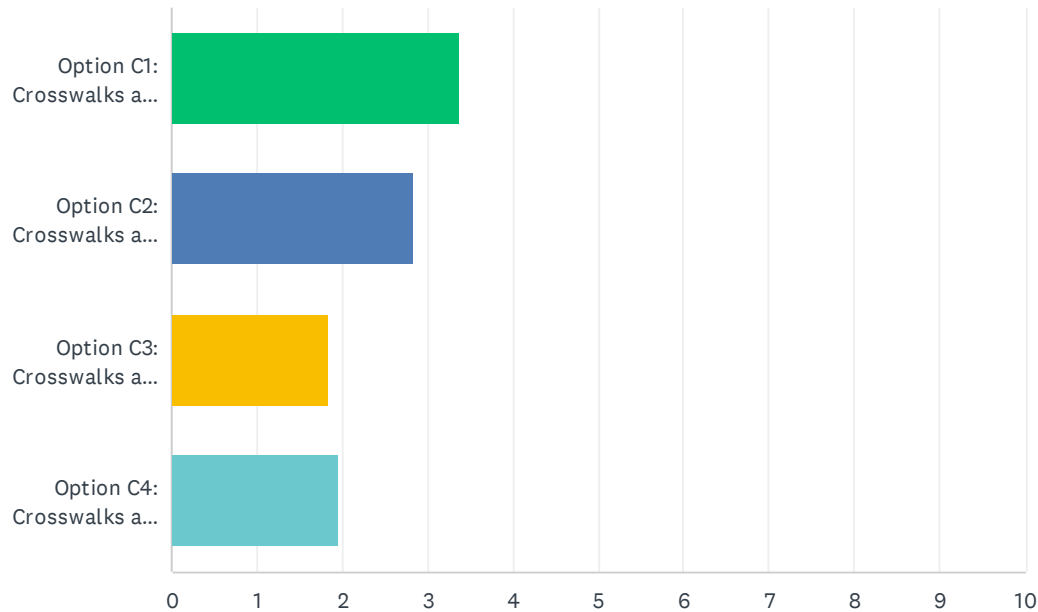
Answered: 65 Skipped: 14



ANSWER CHOICES	RESPONSES	
I would like to see ALL of the possible curve improvements (Options A1-A4) constructed	80.00%	52
I would like to see NONE of the possible curve improvements (Options A1-A4) constructed	20.00%	13
I would like to see SOME of the possible curve improvements (Options A1-A4) constructed	0.00%	0
TOTAL		65

**Q4 If sidewalks were to be installed between Apricot Trail and Cundiff Drive as shown in Option C, which crosswalks across Carson Road would you like to see? Please rank the following crosswalks with “1” as most desired and “4” as least desired (Exhibit below for reference):**

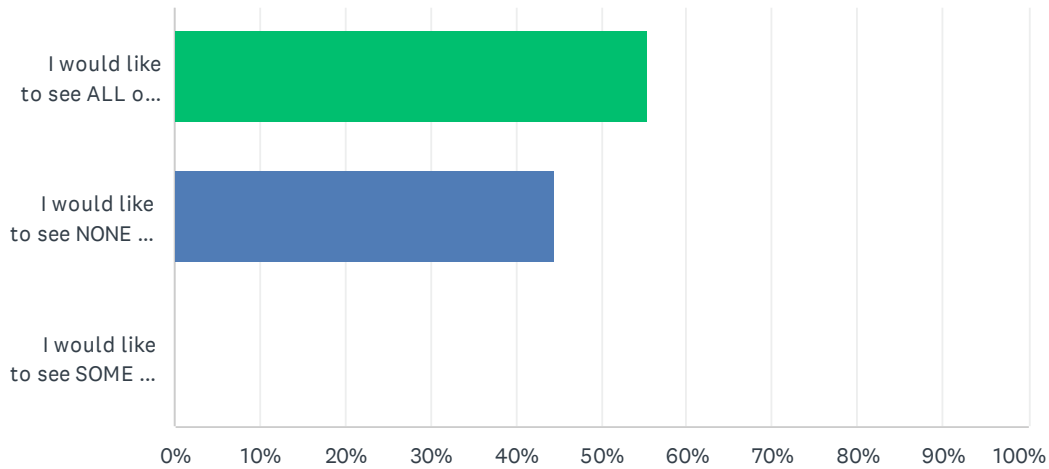
Answered: 30   Skipped: 49



	1	2	3	4	TOTAL	SCORE
Option C1: Crosswalks at Apricot Trail	53.33% 16	33.33% 10	10.00% 3	3.33% 1	30	3.37
Option C2: Crosswalks at Cundiff Drive	26.67% 8	36.67% 11	30.00% 9	6.67% 2	30	2.83
Option C3: Crosswalks at Glade Hill Circle/Autumn Drive	3.33% 1	13.33% 4	46.67% 14	36.67% 11	30	1.83
Option C4: Crosswalks at Derby Drive	16.67% 5	16.67% 5	13.33% 4	53.33% 16	30	1.97

**Q5 Do either of the following statements describe your opinion of the possible crosswalks at intersections on Carson Road (Options C1-C4)?**  
**[Skip if neither apply]**

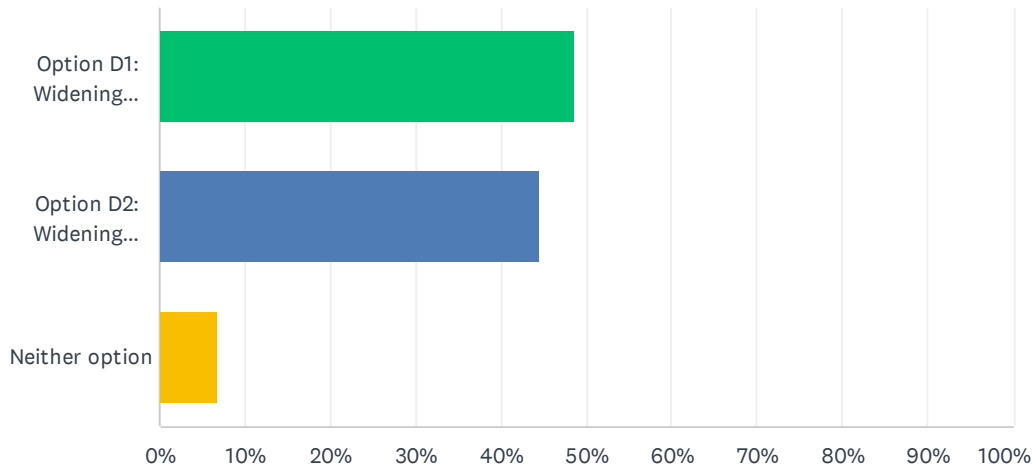
Answered: 65 Skipped: 14



ANSWER CHOICES	RESPONSES	
I would like to see ALL of the possible crosswalks (Options C1-C4) constructed	55.38%	36
I would like to see NONE of the possible crosswalks (Options C1-C4) constructed	44.62%	29
I would like to see SOME of the possible crosswalks (Options C1-C4) constructed	0.00%	0
TOTAL		65

**Q6 Crashes frequently occur at the Carson Road intersection at Challenger Avenue when cars are turning onto or off of Carson Road.  
Please select which option you prefer:**

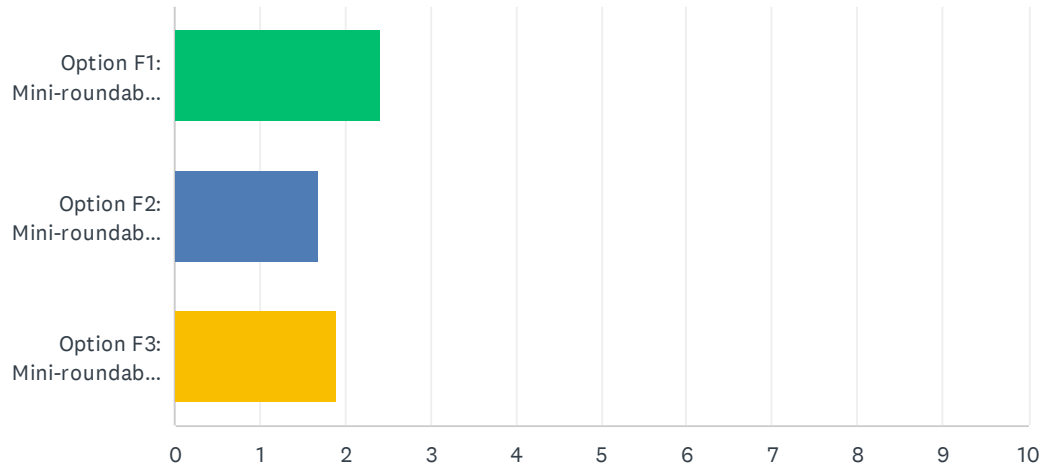
Answered: 74 Skipped: 5



ANSWER CHOICES	RESPONSES	
Option D1: Widening pavement at Challenger Avenue	48.65%	36
Option D2: Widening pavement and providing a concrete island between travel directions at Challenger Avenue	44.59%	33
Neither option	6.76%	5
TOTAL		74

## Q7 Please rank the mini-roundabouts, with “1” as most desired and “3” as least desired (Exhibit below for reference):

Answered: 38 Skipped: 41

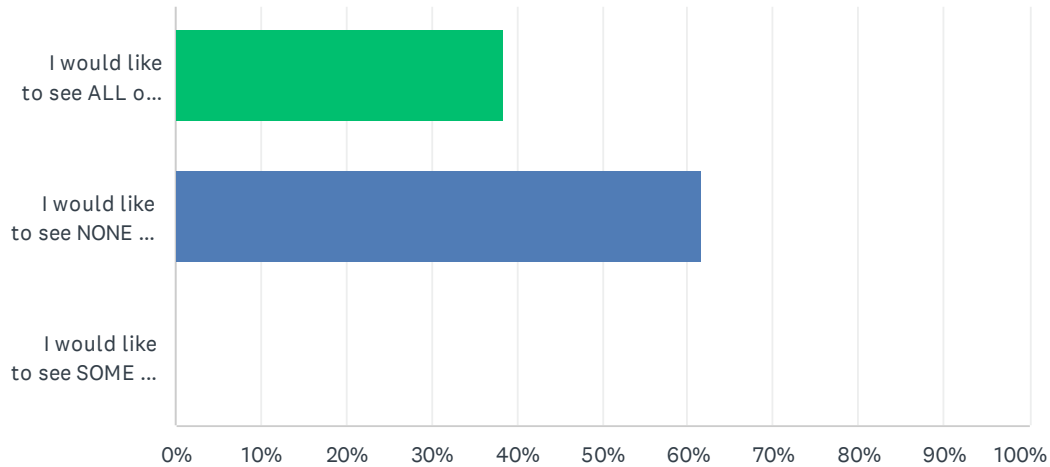


	1	2	3	TOTAL	SCORE
Option F1: Mini-roundabout with raised center island at Apricot Trail	63.16% 24	15.79% 6	21.05% 8	38	2.42
Option F2: Mini-roundabout with flush center island at Cundiff Drive	7.89% 3	52.63% 20	39.47% 15	38	1.68
Option F3: Mini-roundabout with raised center island at Derby Drive	28.95% 11	31.58% 12	39.47% 15	38	1.89



## Q8 Do either of the following statements describe your opinion of the possible mini-roundabouts (Options F1-F3)? [Skip if neither apply]

Answered: 65   Skipped: 14



ANSWER CHOICES	RESPONSES	
I would like to see ALL of the mini-roundabouts (Options F1-F3) constructed	38.46%	25
I would like to see NONE of the mini-roundabouts (Options F1-F3) constructed	61.54%	40
I would like to see SOME of the mini-roundabouts (Options F1-F3) constructed	0.00%	0
TOTAL		65

## Q9 Please share any other comments on the possible Carson Road improvements:

Answered: 41    Skipped: 38

#	RESPONSES	DATE
1	Absolutely opposed to widening of one-lane bridge and further widening from there to Challenger. Also opposed to link road from Kroger to Carson. The bridge is the single best passive check to speeding. So is the winding road from there to Challenger. Any changes to the current layout are guaranteed to encourage rather than discourage speeding. Stopping speeding on that road end to end is by far the most important improvement goal. Additional signage and other passive measures such as rumble strips represent the best solution at lowest cost and disruption. I have lived here all my life and have never once seen an issue with cars and the bridge. On the contrary people go out of their way to slow down and be courteous.	4/8/2024 8:20 AM
2	Thank you for making plans for improvements for Carson Rd. The most important improvements for safety to me is widening of the road and improving curves. Access to the Kroger parking lot would also be an added safety measure so that cars won't have to try to make a left onto Challenger Ave from Carson Rd.	4/6/2024 8:30 AM
3	I love the idea about a roundabout at apricot; however I'm a bit concerned about how we and our neighbors (nick and Samra) will be affected by the concrete middle sections. As in, will we still be able to get out of our driveway okay and practically and safely	4/6/2024 12:03 AM
4	A dedicated turn lane from EB 460 turning Right onto Carson is needed. Neither of the models propose this. Making over a 90 degree turn from a 45 mph zone, with no turn lane, and many semis from the Coke plant, Marvin, and downtown Roanoke is extremely difficult and dangerous. Making a Right onto EB 460 doesn't need as much improvement as you're planning. You should take care to ensure that the survey questions are written in an unbiased manner. If I were to leave question 1 blank, it would automatically default to look as though "curve improvements" is my most desired improvement. It would be prudent to explore ways to use the land of Kroger, Coke, and Integrity Windows owns instead of taking land from private landowners. These businesses clearly don't care for that land as is demonstrated by the loads of trash strewn across the hillside. What are the county laws and ordinances on that, by the way? You've spent enough time on Carson assessing it that I know you've seen it. An actual IMPROVEMENT would be for the county to THAT that land and clean it up. If we are so concerned with safety, why is the speed limit not enforced? NHTSA has always touted "Speed Kills". Please provide statistics related to speed enforcement since you began your study. I have a hard time handing over my land in the name of safety for drivers who break the law and disregard safety.	4/5/2024 3:17 PM
5	Minimum to keep cost down	4/4/2024 9:22 AM
6	Thank you for recognizing the need for improvements to ensure safety and optimize road conditions. Thank you for your time and effort in creating possible solutions/plans for these improvements	4/4/2024 9:21 AM
7	While all of the above improvements would be nice, money is limited so be realistic and improved the road, drainage, and curves first. Roundabouts and sidewalks are not necessary. In the meantime, maintenance is vital (ie mowing, clearing clogged drainage ditches) to help traffic	4/4/2024 9:18 AM
8	Straighten Rd from 460 to the bridge!	4/4/2024 9:15 AM
9	I do not believe Option H - the Kroger Connection - is a wise plan. I believe it would only increase the volume of traffic travelling on Carson Road.	4/3/2024 5:27 PM
10	I really don't want anything changed but since it's coming regardless of protest from those of us who live in the areas that are going to be effected the most. I believe the curve just south of the single lane bridge and possibly some widening in some stretches would be beneficial . I don't care what your studies say all your doing is creating a dragstrip from Challenger to King	4/3/2024 2:00 PM

## Carson Road Safety Improvements Survey, Spring 2024

Street and ruining the peacefulness of the area with increased traffic and putting my children and many others in danger at the school bus stops. We already can't use our own drive way as bus stop due to the speed vehicles travel at on Carson. Now that they'll be wider and straighter I anticipate 65 mph through Carson will be the new norm.

11	Not in favor of most of the suggested "improvements" especially a roundabout that takes MOST OF MY PROPERTY!!!!	4/3/2024 10:30 AM
12	Roundabouts are useless and slow down traffic's in a heavy use area. I'd rather have stoplights.	4/3/2024 10:09 AM
13	It's just very narrow and curvy for the amount of cars that use it every day. It would be nice for pedestrians to be able to use this area. Right now, I would NEVER walk or bike along any portion of this road.	4/3/2024 9:19 AM
14	Please don't create such a biased survey. The survey taker feels that they must submit to some form of change. This is not the case. Being lied to at the meetings has not helped your cause. Advising us that only 2' of our property would be taken for a retaining wall?? How can that be? Why are we making improvements to increase the ability of speeders to not have consequences without patrolling the road heavier for speeding vehicles? Why are we making the improvements? Why are they needed? There are not bus stop signs at bus stops, no "hidden driveway" signs, police rarely running radar and there are only 4 recorded accidents in all of your study. It begs the question: Why are we changing it? Why are we not widening huntridge to 4 lanes? There have been many more-and far worse-accidents on that road in the same time frame as your study.	4/1/2024 2:29 PM
15	Deer Signs We have alot of deer crossing in this area. Additional flashing speed signs.	4/1/2024 8:39 AM
16	Improving the flow of traffic down Route 460 will encourage less people to use Carson Road/Belle Avenue. Roanoke City continues to build new housing along the King Street and Belle Avenue corridor that increases traffic flow on Carson. IS the county and city communicating on this?	4/1/2024 8:22 AM
17	I have lived on Cundiff Dr for 25 years. I think the following improvements would yield higher safety and ease of travel: cutting down the hill on Carson between Cundiff and Apricot, widening the one lane bridge, and improvements to Carson at 460 to widen and allow only right turns. I see no value in establishing 3 traffic circles as turning out to Carson is not an issue other than the blind hill mentioned above.	3/24/2024 11:38 AM
18	Putting a turning lane from 460 onto Carson Rd (coming from downtown) at the bridge. As of know we have to turn onto Carson Rd over the solid white line at the bridge to prevent getting hit. This needs to be done ASAP.	3/21/2024 7:42 PM
19	The pedestrian walkway to the shopping center as well as the pedestrian offerings along Carson providing crosswalks would be life-changing for the children and their parents who live in and along this corridor. Thank you for puting together such a comprehensive proposal.	3/20/2024 9:40 PM
20	*Speeding on Carson Road* Turn off Carson Rd to Kroger Area	3/19/2024 8:54 AM
21	Speed inforcement needed (most)	3/19/2024 8:51 AM
22	They are good ideas and needed	3/19/2024 8:41 AM
23	Ensure speed limit of "25" is enforced with "Police Presence"	3/19/2024 8:35 AM
24	Note for road to connect Kroger to Carson? Add more traffic - just going St. Traffic signal at 460 and King - affects us widen shoulders. Please conference the private meeting we had with Ms. Megan Cronise on Friday, March 15, for our private comments about Carson improvements and our "problems" in particular.	3/19/2024 8:31 AM
25	I applaud the interest in making Carson Road safer for families and children to use as pedestrians and on bicycles. I also applaud th interest in slowing traffic - and making it easier/safer for residents to get to Kroger without trying to turn through traffic on Challenger Avenue	3/18/2024 11:21 AM
26	Please have thr round abouts it would slow drivers down. If Cundiff gets a round about have it raised as well. That's the most speed thru area on carson rd as it's a straight shot	3/15/2024 9:39 PM
27	if cudif street gets a round about please make it raised one as that straight path everyone speeds	3/15/2024 9:35 PM

## Carson Road Safety Improvements Survey, Spring 2024

28	Road needs to be widened on the curves and at the bridge. Roundabouts will only back up traffic during rush hours We walk in neighborhoods. Sidewalks on the main road would be a waste. A road from Carson to Kroger would be much appreciated! Some people have no idea how to properly manage a median. Putting a concrete barrier in would really mess them up. Leave the straightaways alone as to not encroach on properties.	3/13/2024 7:36 PM
29	I believe the roundabouts would help aid in slowing down the speeding traffic in the straightaway from Apricot Trail to Derby. However, the introduction of sidewalks along Carson will potentially pose as a safety issue for all the homes along this road. I won't be able to let my child play in the backyard or leave my dogs unattended for fear of who might be walking along our yard so close to us. It will bring unnecessary foot traffic that we all moved out here to avoid. The sidewalk proposal along the creek is absurd. I do not understand what the thought process is behind this whole proposal? Why would anyone walk to Challenger Ave to not be able to go anywhere because of the traffic on 460. There is already an uptick in the homeless population in our area behind Kroger and the only people traveling along carson to challenger by foot have typically just been transients. Hence the safety issues rising. Property values will go down and safety issues will rise. Not to mention we can only pull into our garage from our driveway entrance located on the Carson road side. If a sidewalk is implemented there, we will not be able to utilize our garage because we will not be able make the turn into the garage from the Glade Hill Cir entrance. I've tried. It doesn't work. So our property value will drop tremendously.	3/13/2024 5:01 PM
30	All improvements need to focus on slowing traffic flow on Carson. Too many speeders bypass 460 on Carson and present a danger to neighborhoods off Carson	3/12/2024 1:34 PM
31	The bridge widening would be the main safety concern. The road itself needs to be a deterrent for speeding cars using it as a cut thru.	3/12/2024 11:41 AM
32	All great ideas. My biggest concern though is still controlling the speeding (and traffic amount) for our neighborhoods. If curves are adjusted, I would like to see something in place (the roundabouts are a great option) to control the speed of cars since the curves will no longer be there to slow them down. Crosswalks are a great idea, but again, won't slow people down if they are speeding upwards of 40mph which unfortunately is a common occurrence with all of the cut through traffic here. We all walk from neighborhood to neighborhood with our kids and pets. Our top priority is being able to walk safely across Carson without the fear of a speeding vehicle (or multiple speeding vehicles) hitting us because they were going to fast and unable to stop in time. The option for the sidewalk is also great, but again won't help much if we need to cross Carson and the speed isn't controlled. Thank you for taking our safety into consideration.	3/12/2024 10:16 AM
33	Thanks for addressing all safety concerns on Carson Road.	3/11/2024 3:47 PM
34	We feel that safety should be the priority and not recreational or convenience expenditures. For example, the sidewalks and the Kroger connection to Carson are a waste of tax monies in our opinion. We would love to have speed monitoring machines that capture the tag and speed and issue tickets via mail--this would generate a great deal of revenue. Speeding being done by those who pull out from the side streets is nonstop. They attempt to pull out from Apricot and head toward Bell going as fast as possible. When they reach Derby Drive I pray they do not lose control and hit someone head on. We have people gunning their engines just as they pass in front of Autumn in the loudest vehicles possible. The exhausts must be illegal. The concrete islands to stop left hand turns off of and onto Carson are a necessary evil--I see no other way to stop the crashes. The round about at Derby would be wonderful!! Thank you and we greatly appreciate your help.	3/11/2024 3:13 PM
35	Looking forward to this moving forward! If these improvements are made, I could see Carson Rd getting heavier traffic as a cut-through to King St. Is there any collaboration with the City to improve the intersection of Belle(Carson) and King St?	3/11/2024 10:06 AM
36	Deer signs. Speed signs.	3/11/2024 8:31 AM
37	The neighborhood does NOT want an access road built to Kroger. We're just fine with how it is. It's bad enough that we won't be able to turn left on to Challenger Ave, but don't force more unwanted projects on us.	3/8/2024 8:30 PM
38	The most needed change is not mentioned here. We need a right turn lane onto Carson from 460 (if pulling out of Kroger and then going right onto Carson). People are driving very fast and nearly rear-end you off the road when you are trying to slow down to make a right hand turn	3/8/2024 4:55 PM

## Carson Road Safety Improvements Survey, Spring 2024

from 460 to Carson road. Very dangerous spot! I would absolutely hate to see roundabouts on Carson. Speeding down is another big issue as so many use Carson Rd as a cut through.

39	This is a corridor that is growing and seeing increased traffic. Smart improvements are necessary.	3/8/2024 4:45 PM
40	Widen the road and one lane bridge and fix the curves. Put a right turn lane in off 460 onto Carson so people don't have to be forced to use the shoulder to turn instead of getting rear ended...	3/8/2024 11:39 AM
41	The shoulders on Carson Rd are weak to non-existent. The blind hill has a horrible drop off that needs to be examined and leveled as many lawn care trucks fall off the shoulder and over correct, swerving into oncoming traffic.	3/8/2024 9:30 AM
*Submitted as response to Q11	They need a turn lane onto Carson	4/3/2024 8:53 PM

## Q11 What is your address or what property do you represent?

Answered: 57    Skipped: 22

Street or Community	# of Responses
Carson Road	9
Autumn Drive	7
Apricot Trail	7
Cundiff Drive	7
Preakness Court	5
(Bonsack)	3
(The Orchards)	3
Praline Place	3
Jordan Circle	2
Chadwick Circle	2
"Off Carson Rd"	1
Integrity Drive	1
(Cave Spring)	1
Lake Back-O-Beyond Drive	1
"Roanoke County"	1
Twin Views Court	1
Glade Hill Circle	1
(Off Belle Avenue)	1
<i>Total</i>	<i>56</i>

### Notes:

- Responses that could not be narrowed down further are shown in quotation marks
- Responses from outside the study area are consolidated into larger communities, which are shown in parentheses
- The Integrity Drive response is from Marvin Windows
- One response was a comment which has been moved to the end of the comment list on the previous page