

Welches Ave pedestrian improvements project survey #1 engagement report



Virtual survey open between March 21-April 22, 2024

About the project: Welches Road is a main road without sidewalks or shoulders in the Welches area. To provide a safer roadway for all users, especially pedestrians, a project is planned between Hwy 26 and Birdie Lane. More information is available at www.clackamas.us/engineering/welches-road.

Survey purpose: Receive feedback from people who live in the area about potential design elements for the pedestrian path. The feedback will inform the engineering design process as plans become more detailed and fixed. See the interactive survey at demo.metroquestsurvey.com/ht7y7w.

Why now: We scheduled to discuss the project with neighbors and learn new things about the project area well before the engineering design began. After 30% design plans are finalized, it is difficult and more expensive to change design approach. While there will be constraints depending on multiple factors, this project offers flexibility in the design of the pedestrian and bike path. At this time, no engineering design work has started.

Why this project: The general project scope comes from the 2012 Transportation System Plan update, a two-year process using community input from outreach efforts and multiple advisory groups. Also in 2016, the Welches community helped the county develop The Villages at Mt. Hood Pedestrian and Bikeway Implementation Plan. The plan prioritizes pedestrian and bicycle infrastructure improvements to create a connected system integrated with transit to meet the needs of residents and visitors, such as Safe Routes to School plans, enhanced Hwy 26 crossings, and identifying bicycle and pedestrian needs. The Welches Road project is identified as a high priority project within the Villages at Mt. Hood Pedestrian and Bikeway Implementation Plan.

Report contents: This report is meant to provide transparency about the information received in the public survey. Data is only removed if comments are disparaging to other community members, or include hate speech or sentiments not relevant to the project. This report includes:

- Survey questions, responses and visual representation of data
 - Public comments tagged with general themes
 - Demographic information from survey, survey demographics contrasted to census data
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Acknowledgements: We are grateful to the Hoodland Community Planning Organization in Welches for their promotional efforts with this survey and for their continuous community building. Contact the Hoodland CPO to be added to their email list for upcoming meetings and community updates at hoodlandcpo@gmail.com. Learn more about Community Planning Organizations in Clackamas County at www.clackamas.us/community/cpo.

Project contact: For questions and more information about the pedestrian path, contact project manager Mike ward at mward@clackamas.us or 503-742-4688.

Webpage and email signup: Stay connected with us through project construction. Check for project updates or sign up for email updates to be notified of upcoming meetings or feedback opportunities at www.clackamas.us/engineering/welches-road.

Survey questions:

Responses from people who chose to provide information is listed below.

Improving safety and convenience for the Welches community

Welches Road is a main street without sidewalks or shoulders. To provide a safer roadway for all users, especially pedestrians, a project is planned between Hwy 26 and Birdie Lane. Your feedback will help determine several aspects of the project.

In 2016, the Welches community helped the county develop the Villages at Mt. Hood Pedestrian and Bikeway Implementation Plan. This plan prioritizes pedestrian and bicycle infrastructure improvements to create a connected system integrated with transit to meet the needs of residents and visitors. The Welches Road project is identified as a high-priority project within that plan.

The Welches Road project area includes residential neighborhoods, commercial businesses, and a golf course along the corridor.

Which goals do you think are the most important? Drag items above the line in your preferred order.

Q1: What matters to you most? Rank your top three items.

Ranked options: 328 rankings submitted

Question	Ranked 1 (top)	Ranked 2	Ranked 3	Average
1 Improve pedestrian connections	12	33	25	2.19
2 Improve appearance	3	3	12	2.50
3 Improve pedestrian/bicycle safety	73	19	12	1.41
4 Reduce crashes	9	8	11	2.07
5 Improve bike connections	5	16	15	2.28
6 Access for exercise	1	13	21	2.57
7 Improve vehicle safety	9	16	12	2.08

Q1 comments: 10 comments

Improve pedestrian connections	
1	Currently dangerous
2	Welches road is used by walkers to access commercial services and shopping. People walk for exercise. I do not see much bicycle use.
3	<p>In the commercial and resort area there needs to be a cross walk. Stage Stop Road in the commercial area and Fairway Avenue by the Entrance to the Resort. Also maintain the current crosswalk the Resort uses.</p> <p>There are more walkers along Welches Road than bikers. The walking path needs to be improved but I do not agree it needs to be 10 feet wide on Welches Road . The wider 10 ft. path on part of US 26 encourages bikers to be less safe and speed along putting walkers at risk.</p>
Improve appearance	
4	Need to keep it looking like a mountain community . Maintain mountain character Do not want it to look like the city.
5	There are currently two asphalted walking paths that fit in with a mountain verses big city feeling. We need to incorporate this type of path but giving a more resort like mountain feel to the area instead of city sidewalks and curbs.
Improve pedestrian/bicycle safety	
6	Storm water collection basins should be built into the curb. These are obstacles when they become part of a bike lane. Hwy 26 going through Hoodland has catch basins between the fog line and the curb and are dangerous obstacles.
Reduce crashes	
7	Road is too narrow.to safely go into opposite lane to go around walkers/bike riders.
Improve vehicle safety	
8	People drive too fast on Welches Road even if improved need to lower the speed limit
9	Cars currently travel too fast on Welches Road. With widening and improvements they will feel they can travel faster. With the number of residences and walkers along Welches Road the speed limit should be drop to a neighborhood speed with enforcement
General comments	
10	Hopefully the improvements include lighting. Encourage users to wear reflective clothing, use flashlights and use battery operated lights on leashes while walking dogs.

Where do you walk, bike and encounter issues on Welches Road? Your responses will help inform the project design. Please drag markers on the map to give your input.

Q2: How do you use Welches Road? Drop the markers onto the map to show where you walk, bike and see issues.

Markers	Responses
Walk	142
Bike	89
Issues	90

{Anthony data disclaimer}

Q2 comments: 163 comments

Walk	
1	Would love to safely walk from Mallards to the shopping center (post office) with my partner and my dog
2	Current bike/walking path is too close to Welches road
3	I could greatly reduce my driving in Welches if I could safely walk from my home to the Thriftway area.
4	Cars drive far in excess of the speed limit, often they are tourists, drive erratically, or outright swerve towards pedestrians. Children also walk along this path to school bus stops or to the school up the road.
5	Walk/run this area for exercise
6	Nor enough shoulder for walking
7	Need walking path on the Golf course (east) side of the road. Will allow for more scenic walkway and protection of homeowners property on the west side of the road.
8	Narrow shoulder, heavy coverage of slick leaves and snow. Fast vehicles.
9	No pedestrian shoulder, road narrow.
10	Dangerous walking no shoulder or sidewalks.
11	No sidewalks.

12	I walk from E Evergreen Park St to post office using the dirt path cut through to the park lots, I won't walk on e Welches directly due to how tight it is and cars drive too fast.
13	speeding vehicles
14	I walk with my son in a stroller from fairway Ave to 26 (library, thriftway, coffee shop) and it's a death trap. People drive so fast and there is no shoulder. We need a sidewalk
15	Very narrow. No place for walker and vehicle
16	Brightwood loop needs a walk way ,just improve welches rd
17	No dedicated space to walk
18	I walk everyday to the post office from Twinberry Loop
19	Walk to Post Office and stores daily
20	I live on Twinberry Loop, South Side
21	Walk Twinberry to shopping center daily
22	Walk everyday from South Twinberry Loop to shopping center, groceries/Post office
23	Shoulder is narrow and its dangerous
24	Many businesses in this area, on both sides of welches rd. There's a need for safe access to all.
25	Narrow shoulder dangerous
26	Very busy street and one I do not feel safe walking. The current narrow path only goes to Fairway Ave and from there is an accident waiting to happen. Very dangerous.
27	Too narrow for safe walking
28	Speeding cars, don't feel safe walking or biking
29	Aggressive dog sometimes off leash
30	Walking from Fairway to 26 to access local businesses
31	I live on Huckleberry and my kids and I are frequently out on Welches Rd. I push a stroller with my baby all the way from 26 and down Welches Rd to Fairway, sometimes all the way to where it connects with Salmon River Rd
32	Barlow, Salmon, Welches
33	Lolo, Barlow, Salmon, Welches
34	No room for people walking
35	More room for pedestrians.
36	cross walk goes to no where
37	Think this is a good start but reality the scariest part is after birdie lane
38	We live along Welches Rd and pedestrian access is limited and quite dangerous.

39	Walk to work and enjoyment along Welches
40	I would like to walk safely on the back side of Welches Road
41	Super scary crossing here
42	Pedestrian traffic is extremely high from Hwy 26 to top of the hill near Fairway Rd. Much lower traffic south of the hill and bridge.
43	Unsafe walkways for youth and community members.
44	Safety
45	Needs s shoulder for walking, biking and skating.
46	Biggest need is from Hwy 26 to base of hill. From bottom of hill to Birdie Lane is lower need.
47	Walk and bike between and to and from thriftway to golf club
48	lots of traffic, no paths to walk
49	Would like a prettier and safer means to walk from the resort/Mallards to the 26 business corridor
50	The hill. Many drivers speed. Line of sight can be difficult in both directions. Dangerous for pedestrians AND bicyclists.
51	The existing short path is nice.
52	People don't use the one walkway unless they are going in that direction—which I think is silly.
53	If pedestrian path above hill is close to road then need some more lighting.
54	A dedicated narrow path with a vacation resort type winding nature to limit speed of bicycles and match the area would be preferred. What is provided in front of Welches Mountain Village and the Cabins Creekside is an ideal look.
55	Golf ball hazard from tees
56	dark due to trees, poor visability, drivers can not see pedestrians, especially with dark clothes
57	I walk up and down welches road training for marathons. I use the side streets as well.
58	Walk from hwy 26 to Birdie Lane
59	Cars ignore the slow speed limit, no sidewalks
60	The business area needs a crosswalk at Stage Stop Rd. This road used by everyone to access services - mail - is not maintain by the county and should be. Welches road needs walking path in this area.
61	we walk between US 26 and the Resort

Bike	
62	No lane for bicycles. High risk for cars hitting bicyclists. Widen lane on east side of road where current small shoulder area exists.
63	Very narrow shoulder to share with pedestrians. Vehicles drive too fast.
64	bike/pedestrian lane needed
65	It would be amazing if bike paths connected to a trail system that exists further up Rhody! People are using mountain bikes and it's dangerous in the road. I also see people biking down Welches road to work and back.
66	Poor visibility going up or down hill for any mode of transportation.
67	To many speeders on this road not safe to walk
68	No safe space to bike
69	In the summer I bike the loop Welches to Salmon Rd and back on Fairway. Safety is always a concern
70	No shoulder
71	Very dangerous to bike
72	Rhody regularly and need another access point to
73	One shoulder and its narrow, dangerous
74	The ditch is very deep. I'm 77 and ride my bike from Fairway to Post Office, library, Shopping Center.
75	Narrow shoulder dangerous
76	My son and friends bike to school and I worry about them when on Welches Rd
77	Bus stop has gotten to busy and needs to extend access to other stops
78	Primary need is from Hwy 26 to the bottom of the hill at the bridge. Need south of the base of the hill is much lower.
79	Unsafe bikeways or youth and pedestrians.
80	there is no shoulder on this road for walking and biking.
81	Biggest need is from Hwy 26 to bottom of hill. No need for dedicated bike path from bottom of hill to Birdie lane.
82	Biking or walking on Welches Road between Highway 26 and the golf course is extremely dangerous. I avoid it at all if all possible.
83	Pedestrian path is highest priority. Bike path is secondary priority.

84	A slightly larger shoulder could be provided for bikes, but really not necessary. As long as the roads are narrowed up to slow traffic down bikes could either travel slowly on a winding pedestrian path or share the road with traffic on Welches Road. A dedicated bicycle lane separate from a pedestrian path is not needed or appropriate for welches road.
85	Poor visibility on a bike vs vehicle traffic going trough shade to sunlight
86	Very poor visibility
87	Too narrow
88	The ditch is so deep. It's easy to crash on a bike as car come near and biker has to move over.
89	I will bike along hwy 26. I would really love to have a pathway between welches and rhododendron to safely bike.
90	I bike from my house on Welches Road to the post office and shops. I would walk sometimes but Welches Road is dangerous to walk on.
Issues	
91	Not able to walk/jog a full loop around Twinberry connecting both streets along Welches Road
92	When traveling west on Fairview approaching Welches it's hard to see the intersection and I have been almost hit multiple times Traveling north on Welches
93	Risk of cars hitting pedestrians, especially at night.
94	No safe access
95	Blind drop where drivers speed and cannot see pedestrians or cyclist on other side
96	Road uneven, cars swerve to miss dips in roadway.
97	When the hill drops down to be level with the gold course, people start speeding even worse here, scary drive the rest of the way due to near missed collisions regularly with speeding drivers.
98	No sidewalks or bike lanes
99	Some motor vehicles travel far over the already too high of speed limit on this straight away.
100	residential area needs to be 25 mph, most drive 50
101	Main issues are between fairway and 26 on Welches. Lots of traffic going over 35, no shoulder or space to walk or bike safely.
102	Visibility, no shoulder, people drive so fast
103	Resort traffic, local traffic, walking/biking and kids bus routes without designated space for all

104	Brightwood is an integral part of our area Welches is not the only walking area please look at all our options before investing 3 million into a project
105	Safety! Lighting, space, right of way, etc.
106	The intersection is blind
107	No pedestrian walkway for a block on Welches road which can get precarious on busy days
108	Speeding vehicles, well over the posted 35mph. Should be dropped to 25-30 mph.
109	Dangerous curve and hill. Vehicles heading North have a blind curve at the Mt. Hood Oregon Mountain Resort (golf course side) danger to cars entering from the golf course parking and pedestrians trying to cross Welches Road.
110	The intersections within the first 600 ft of the northern section of E Welches Rd can be very challenging on a bike when traffic is busy. Also, biking north or south up the hill just south of the entrance to the golf course is extremely dangerous. Visibility is very limited of approaching vehicles.
111	Speeding vehicles, traveling well above the posted 35mph. Lower speed limits to 25-30 mph.
112	"Side walk ends"
113	Some cars speed, and there are deer crossing. Maybe another deer crossing sign and a speed sign that shows your speed.
114	The hill is particularly unsafe for up hill biking. Cars pull into the center to avoid bicycle and cannot see traffic coming from above.
115	Only a shoulder on one side.
116	Frequent auto accidents
117	Mailboxes on road and cars zooming by when checking is dangerous. Maybe some money from project can fund a stand alone lock and key mailbox stand for neighbors at Twinberry Loop and
118	Mailboxes on road and cars zooming by is dangerous when checking mail. A sidewalk there maybe but not sure if that affects delivery driver
119	Big pothole near the post office
120	There's really not much of a shoulder to walk/ride on!
121	Trash
122	Safety and dark
123	We need more crosswalks on highway 26. Specifically from connecting near Arrah Wana BLVD across to the Rendezvous side of the highway.
124	Several deer, and dogs have been hit and or killed

125	More room for pedestrians.
126	People drive at unsafe speeds down this road.
127	Lots of children walking to and waiting for busses to school
128	Cars driving way too fast
129	Road curve is blind
130	No walking area at all
131	Between Birdie and Roberts, Welches road is exceptionally narrow and tarmac is chopped and pitted. Large old trees on either side. Blind curve for cars traveling north.
132	Bike and Pedestrian travelers wearing dark clothing prove a hazard to themselves and drivers in the area. As night falls, the hazard increases. On Welches Road from Stage Coach Road (private at Bakery) South to Birdie Land. Walkers with dogs while more visible are in danger on all parts of Welches.
133	The golf course side of the road (east) is the best side for a bike path. All the drains from the golf course (so many that the salmon traverse them to spawn far up the hill on the course.) are exposed at the West side. The golf course side has no power poles. It has no ditches. The improvement, i.e. the path will benefit the golf course's guests and resident's. There's no more danger from golf ball strikes on the East side as the West or frankly in a car.
134	The hill is horrifying as one drives up it, to suddenly find a family of four with a stroller hiking on Welches Road. At 15 mph you can avoid them, but not the oncoming traffic as you switch lanes, Poor paving, years of low maintenance make it a tough place daily at all times of day.
135	Again, dark camouflaged walkers and bikers. The East Side for a path is the obvious choice on Welches from Woodruff North to 26. Dog walkers narrowly escape traffic.
136	BYW Giant 20 yard dump trucks travel every day on Welches Road heading south, speeding through the narrow space at Birdie and Elk Park and onward to the South which adds to the dicey conditions.
137	Pedestrian safety issue is most significant from Hwy 26 to top of hill (especially at night).....need widest path and lights along this length of road only. Risk is significantly lower from bottom of hill to Birdie Lane and only needs narrow pedestrian path and not lights.

138	Safety is much lower here along with much lower density of users...only need single narrow trail that can be used for both bikes and people. Best for narrow (4-5 ft path along the east side of road along golf course. Trees protect people from golf balls and they do protect cars now. and is much cheaper with no need to move electrical poles, boxes, etc. Home owners along east side will be MUCH HAPPIER with this an not have to give up land and have traffic closer to their front doors.
139	Safety for pedestrians
140	Need walking and bike path. Could be the same single path. Would keep people and bikes off of road especially at night. Consider lights along path from Cooper Wine Bar to E Fairway Ave.
141	Walk path eroding making people go into roadway to go around. When both lanes are used by vehicles this is dangerous especially at the posted 35mph which means 40mph OR higher most of the time.
142	Daily, deer and other wildlife cross all along on Welches Rd. Many get killed each year. Too many drivers pick up speed on the straightaway between Fairway and the top of the hill.
143	The current designated walking path stopped at Fairway Ave, making peds and bikes walk in the roadway from there to Birdie (and beyond). Dangerous!
144	From the hill to Roberts Rd.: another straightaway for speeding cars.
145	If people aren't willing to use the provided walkway unless they are going in that one direction then we need to put walkways on both sides.
146	Narrow hill
147	Pedestrian safety issue is mostly from the base of the hill to Hwy 26. No as big of an issue from base of hill to Birdie Lane so don't need path there. Or only a small pedestrian path on the golf course side of the road only.
148	The current requirement for pedestrian paths on both sides of Welches Road seems excessive and would significantly increase the impacted area. One side of the road would be more appropriate. Currently the only paths, that we have placed, are on both side of the road.
149	Poor visibility for all
150	road repair
151	Too narrow, poor visibility
152	Poor visibility
153	I never feel safe crossing Welches Road on Fairway, on bike or foot. Cars drive too fast.
154	The road here is too narrow. There is no shoulder for pedestrians, and cars drive too fast.
155	See walking comments

156	Need better drainage ditches. Only some of the ditches are cleaned up to control run off from rain.
157	Road narrows. The current path is only on 1 side of the road. Some trees are right on the road, leaving cars unable to see walkers or bikes on the road
158	Need a crosswalk connecting the two commercial sides of Welches Road Between Us 26 and Stage Stop Road.
159	Cross walk at Fairway Avenue needed.
160	Need to keep in touch with owners of undeveloped property for input and allow stub outs from utilities currently in the road to their properties so Welches Road does not have to be cut and patched in the future.
161	lower welches rd is way more dangerous
General comment	
162	Good pedestrian sidewalk from Hwy 26 to the Golf Course parking lot
163	We use Welches Rd to get to our house on Birdie Ln!! the dip on the hill over the golf tunnel continues to worsen and drivers swerve to miss the dip going south in addition to limited visibility of cars coming north!! There are several leaning trees that narrow the road between Fairway and Birdie Ln too!!

There are a few options to consider to improve safety for pedestrians and bicyclists. Which ones do you prefer? Rate the items and add your input using comments.

Q3: What path length do you prefer? Rate your preferences.

Answered: 241 responses

From Hwy 26 to Birdie Lane (0.7 miles)	Responses
1 Star	9
2 Stars	5
3 Stars	11
4 Stars	12

5 Stars 50

From Hwy 26 to Fairway Estates Road (0.9 miles) Responses

1 Star	5
2 Stars	2
3 Stars	20
4 Stars	22
5 Stars	23

From Hwy 26 to Fairway Ave (1.3 miles) Responses

1 Star	9
2 Stars	10
3 Stars	11
4 Stars	8
5 Stars	44

Q3 comments: 11 comments

From Hwy 26 to Birdie Lane (0.7 miles)	
1	I walk or ride from Elk Park Rd to Hwy 26 to visit the post office and grocery store.
2	Great to Birdie Lane, but better from Golf Course Parking entrance to Hwy 26. That is where most of the walking/biking population is. Golf Course parking entrance to Birdie Ln has a lot of design issues. May be better to do a two phase project. Birdie Ln extension: second phase.
3	It is a great start but also nice to add nature trails and get people off the road
4	I think the distance is miscalculated for this option.
5	The distances seem off on these choices but the farthest we can have pedestrian paths down Welches Rd. the better!!!

6	The longest path down Welches Rd the better!
7	Mileage is incorrect!!!!!!
8	We see most walkers on Welches Rd between The Resort and US 26. Resort visitors and locals both use this section on the current path. do not understand the mileages in the choices. They do not match reality. Birdie Avenue is further from US 26 than Fairway Avenue.
From Hwy 26 to Fairway Estates Road (0.9 miles)	
9	Needs to go to the Golf Course parking entrance
10	Whoever did your mileage measurements needs to do a correction!!! At our age we don't walk on Welches Rd. but others do.
From Hwy 26 to Fairway Ave (1.3 miles)	
11	It really should go to the green at the Resort as people walk down the hill

Q4: What path placement do you prefer? Rate your preferences.

Answered: 242 ratings submitted

Straight path away from road

Responses

1 Star	6
2 Stars	4
3 Stars	9
4 Stars	15
5 Stars	49

Meandering path

Responses

1 Star	6
2 Stars	6
3 Stars	14
4 Stars	8
5 Stars	29

Straight path directly next to road	Responses
1 Star	20
2 Stars	9
3 Stars	18
4 Stars	11
5 Stars	18

Q4 comments: 11 comments

Straight path directly next to road	
1	Safety concerns people still get hit on the side of the road most drivers won't move over
2	Curbs will be a snow plow issue
3	Kind of already have this and it feel dangerous now
4	It's not a safe or relaxing walk; one must be on guard all the time. One must walk over/through trip hazards/obstacles: downed branches, rocks, berry bushes, vines, broken pavement, etc. Most homeowners along there probably don't think to rake or sweep it off. I usually step into the roadway when no car is coming. When snowing, peds have to walk in the road. Very dangerous to people in wheelchairs. Most drivers pull over a little bit, but many don't, so when it rains, spray can hit walkers.
Straight path away from road	
5	Shoulder will provide an area for plowed snow, instead of plowed snow on sidewalk.
6	Better than what we have now
Meandering path	
7	Anything better than what we have now
8	Whatever is most natural and doesnt impact the native plants
9	Many of us live hear to be in nature. Safest option.
10	Combination of straight path away from road and meandering path. !!!!!
General comment	
11	Does not go far enough for the many of us who walk/bike from Hwy 26 down Welches Rd. to Bridge Street & beyond to Salmon River Rd.

Demographics summary:

Demographics of survey respondents who chose to provide this information is listed below. All respondents were from the Welches area.

Home address	Quantity	Percentage of respondents
76502	1	0.6%
92070	1	0.6%
95124	2	1.2%
97011	5	3.0%
97012	1	0.6%
97055	5	3.0%
97049	11	6.6%
97066	1	0.6%
97067	64	38.6%
97068	1	0.6%
97202	1	0.6%

Work/school address	Quantity	Percentage of respondents
76502	1	0.6%
95192	1	0.6%
97011	2	1.2%
97015	2	1.2%
97029	1	0.6%

97049	5	3.0%
97055	2	1.2%
97066	1	0.6%
97067	54	32.5%
97077	1	0.6%
97080	1	0.6%
97089	1	0.6%
97202	1	0.6%

Gender	Quantity	Percentage of respondents
Female	53	58.9%
Male	29	32.2%
Nonbinary	1	1.1%
Transgender	0	0.0%
Other	1	1.1%
Prefer not to answer	6	6.7%

Age	Quantity	Percentage of respondents
Under 18	0	0.0%
18-24	1	1.1%
25-34	9	10.1%
35-44	18	20.2%
45-54	11	12.4%

55-64	17	19.1%
65 and older	33	37.1%

Race/Ethnicity	Quantity	Percentage of respondents
African American or Black	0	0.0%
Asian Indian	1	1.0%
Asian Non-Indian	0	0.0%
Hispanic/Latine	1	1.0%
Native American or Native Alaskan	4	4.1%
Native Hawaiian or Pacific Islander	2	2.1%
White	66	68.0%
Other race or origin	3	3.1%
Prefer not to answer	20	20.6%

Appendix A

Outreach summary analysis



The following table shows how transportation staff have reviewed, analyzed and made the data and comments from the survey into a useful format to consider community input as the Welches Ave Pedestrian Improvement project works through engineering design tasks.

The comments collected from the interactive map feature from the survey will also be used by transportation planners, capital project managers, engagement practitioners and consultants for the next decade. Feedback from a variety of sources using mapping features will systematically be added to a database. This allows staff to gain community sentiment and understand what the local experts have to say about conditions.

Visit Date	Visit Time	Platform	Latitude	Longitude	Marker	Answer1	Tag1	Tag2	Tag3	Tag4	Tag5	Tag6	Tag7	Tag8	Tag9	Tag10
3/22/2024	5:49 AM	mobile	45.336	-121.963	Bike		Usage: Biking									
3/22/2024	5:50 AM	mobile	45.345	-121.963	Walk	Would love to safely walk from Mallards to the shopping center (post office) with my partner and my dog	Usage: Walking	Concern: General Safety	Destination: Business Shop Errands							
3/22/2024	5:50 AM	mobile	45.344	-121.963	Issues	Not able to walk/jog a full loop around Twinberry connecting both streets along Welches Road										
3/22/2024	6:32 AM	mobile	45.338	-121.963	Issues	When traveling west on Fairview approaching Welches it's hard to see the intersection and I have been almost hit multiple times Traveling north on Welches	Concern: General Safety	Concern: Visibility								
3/22/2024	12:33 PM	mobile	45.333	-121.962	Walk		Usage: Walking									
3/22/2024	12:34 PM	mobile	45.331	-121.961	Issues											
3/22/2024	12:34 PM	mobile	45.335	-121.964	Bike		Usage: Biking									
3/22/2024	1:33 PM	web	45.347	-121.967	Walk	Current bike/walking path is too close to Welches road	Usage: Walking	Need: Sidewalk								
3/22/2024	1:37 PM	web	45.34	-121.981	Walk	I could greatly reduce my driving in Welches if I could safely walk from my home to the Thriftway area.	Usage: Walking	Concern: General Safety	Destination: Business Shop Errands							
3/22/2024	4:08 PM	web	45.344	-121.963	Walk	Cars drive far in excess of the speed limit, often they are tourists, drive erratically, or outright swerve towards pedestrians. Children also walk along this path to school bus stops or to the school up the road.	Usage: Biking	Usage: Walking	Concern: Schoolchildren	Need: Sidewalk	Concern: General Safety	Concern: Vehicle Speed	Usage: Transit			
3/22/2024	4:09 PM	web	45.331	-121.961	Walk	Walk/run this area for exercise	Usage: Walking									
3/23/2024	1:41 AM	mobile	45.336	-121.964	Walk	Nor enough shoulder for walking	Usage: Walking	Concern: Shoulders								
3/23/2024	3:26 AM	web	45.337	-121.963	Walk	Need walking path on the Golf course (east) side of the road. Will allow for more scenic walkway and protection of homeowners property on the west side of the road.	Usage: Walking	Need: Sidewalk								
3/23/2024	3:26 AM	web	45.34	-121.963	Bike	No lane for bicycles. High risk for cars hitting bicyclists. Widen lane on east side of road where current small shoulder area exists.	Usage: Biking	Concern: Shoulders	Concern: General Safety	Idea: Road Widening						
3/23/2024	3:26 AM	web	45.343	-121.963	Issues	Risk of cars hitting pedestrians, especially at night.	Concern: General Safety	Concern: Visibility								
3/23/2024	4:24 AM	mobile	45.342	-121.963	Bike		Usage: Biking									
3/23/2024	4:32 AM	mobile	45.333	-121.962	Walk		Usage: Walking									
3/23/2024	4:32 AM	mobile	45.339	-121.963	Walk		Usage: Walking									
3/23/2024	4:32 AM	mobile	45.33	-121.961	Walk		Usage: Walking									
3/23/2024	11:15 AM	web	45.346	-121.963	Walk		Usage: Walking									
3/23/2024	11:15 AM	web	45.345	-121.963	Bike		Usage: Biking									
3/23/2024	12:38 PM	mobile	45.345	-121.963	Walk	Narrow shoulder, heavy coverage of slick leaves and snow. Fast vehicles.	Usage: Walking	Concern: Shoulders	Concern: General Safety	Concern: Vehicle Speed						

3/23/2024	5:28 PM	mobile	45.337	-121.961	Bike	No safe space to bike	Usage: Biking	Concern: General Safety									
3/23/2024	5:29 PM	mobile	45.345	-121.963	Issues	Safety! Lighting, space, right of way, etc.	Concern: General Safety	Concern: Visibility									
3/23/2024	6:31 PM	mobile	45.33	-121.96	Issues	The intersection is blind	Concern: General Safety	Concern: Visibility									
3/23/2024	6:32 PM	web	45.343	-121.963	Walk	I walk everyday to the post office from Twinberry Loop	Usage: Walking	Destination: Business Shop Errands									
3/23/2024	6:33 PM	web	45.335	-121.962	Bike	In the summer I bike the loop Welches to Salmon Rd and back on Fairway. Safety is always a concern	Usage: Biking	Concern: General Safety									
3/23/2024	6:34 PM	web	45.344	-121.963	Issues	No pedestrian walkway for a block on Welches road which can get precarious on busy days	Usage: Biking	Usage: Transit									
3/23/2024	6:50 PM	mobile	45.34	-121.965	Bike	No shoulder	Usage: Biking	Concern: Shoulders									
3/23/2024	7:02 PM	mobile	45.347	-121.963	Walk	Walk to Post Office and stores daily	Usage: Walking	Destination: Business Shop Errands									
3/23/2024	7:03 PM	mobile	45.342	-121.966	Walk	I live on Twinberry Loop, South Side	Usage: Walking										
3/23/2024	7:03 PM	mobile	45.343	-121.964	Walk	Walk Twinberry to shopping center daily	Usage: Walking	Destination: Business Shop Errands									
3/23/2024	7:04 PM	mobile	45.341	-121.963	Issues	Speeding vehicles, well over the posted 35mph. Should be dropped to 25-30 mph.	Concern: General Safety	Concern: Vehicle Speed									
3/23/2024	7:06 PM	mobile	45.335	-121.963	Issues	Dangerous curve and hill. Vehicles heading North have a blind curve at the Mt. Hood Oregon Mountain Resort (golf course side) danger to cars entering from the golf course parking and pedestrians trying to cross Welches Road.	Usage: Walking	Need: Crosswalk	Concern: General Safety	Concern: Visibility	Concern: Topography						
3/23/2024	7:09 PM	web	45.346	-121.964	Issues		Usage: Biking	Usage: Walking	Concern: General Safety	Concern: Visibility	Usage: Transit	Concern: Topography	Concern: Traffic Delay				
3/23/2024	7:19 PM	mobile	45.342	-121.963	Walk	Walk everyday from South Twinberry Loop to shopping center, groceries/Post office	Usage: Walking	Destination: Business Shop Errands									
3/23/2024	7:21 PM	mobile	45.339	-121.963	Issues	Speeding vehicles, traveling well above the posted 35mph. Lower speed limits to 25-30 mph.	Concern: General Safety	Concern: Vehicle Speed									
3/23/2024	7:23 PM	mobile	45.335	-121.963	Bike	Very dangerous to bike	Usage: Biking	Concern: General Safety									
3/23/2024	9:54 PM	mobile	45.337	-121.963	Issues	"Side walk ends"											
3/23/2024	9:55 PM	mobile	45.333	-121.965	Bike		Usage: Biking										
3/23/2024	9:55 PM	mobile	45.345	-121.966	Bike	Rhody regularly and need another access point to	Usage: Biking										
3/24/2024	1:35 AM	web	45.344	-121.963	Bike	One shoulder and its narrow, dangerous	Usage: Biking	Concern: Shoulders	Concern: General Safety								
3/24/2024	1:35 AM	web	45.342	-121.963	Walk	Shoulder is narrow and its dangerous	Usage: Walking	Concern: Shoulders	Concern: General Safety								

3/24/2024	1:36 AM	web	45.341	-121.963	Issues	Some cars speed, and there are deer crossing. Maybe another deer crossing sign and a speed sign that shows your speed.	Need: Crosswalk	Concern: General Safety	Concern: Vehicle Speed	Concern: Wildlife						
3/24/2024	1:41 AM	mobile	45.341	-121.963	Bike	The ditch is very deep. I'm 77 and ride my bike from Fairway to Post Office, library, Shopping Center.	Usage: Biking	Concern: Ditches	Destination: Business Shop Errands							
3/24/2024	1:43 AM	mobile	45.338	-121.963	Walk		Usage: Walking									
3/24/2024	5:47 AM	mobile	45.334	-121.962	Issues	The hill is particularly unsafe for up hill biking. Cars pull into the center to avoid bicycle and cannot see traffic coming from above.	Usage: Walking	Concern: General Safety	Concern: Visibility	Concern: Topography	Concern: Traffic Delay					
3/24/2024	5:50 AM	mobile	45.34	-121.963	Issues	Only a shoulder on one side.	Concern: Shoulders									
3/24/2024	1:31 PM	web	45.342	-121.964	Walk		Usage: Walking									
3/24/2024	3:37 PM	mobile	45.343	-121.969	Walk	Many businesses in this area, on both sides of welches rd. There's a need for safe access to all.	Usage: Biking	Usage: Walking	Concern: General Safety	Destination: Business Shop Errands	Usage: Transit					
3/24/2024	3:37 PM	mobile	45.347	-121.964	Issues	Frequent auto accidents	Concern: General Safety									
3/24/2024	5:04 PM	mobile	45.344	-121.963	Walk		Usage: Walking									
3/24/2024	5:04 PM	mobile	45.339	-121.963	Bike		Usage: Biking									
3/24/2024	5:04 PM	mobile	45.343	-121.963	Issues	Mailboxes on road and cars zooming by when checking is dangerous. Maybe some money from project can fund a stand alone lock and key mailbox stand for neighbors at Twinberry Loop and	Concern: General Safety	Concern: Vehicle Speed								
3/24/2024	5:13 PM	mobile	45.345	-121.964	Bike	Narrow shoulder dangerous	Usage: Biking	Concern: Shoulders	Concern: General Safety							
3/24/2024	5:13 PM	mobile	45.344	-121.963	Walk	Narrow shoulder dangerous	Usage: Walking	Concern: Shoulders	Concern: General Safety							
3/24/2024	5:13 PM	mobile	45.343	-121.963	Issues	Mailboxes on road and cars zooming by is dangerous when checking mail. A sidewalk there maybe but not sure if that affects delivery driver	Need: Sidewalk	Concern: General Safety	Concern: Vehicle Speed							
3/24/2024	6:05 PM	web	45.346	-121.958	Walk	Very busy street and one I do not feel safe walking. The current narrow path only goes to Fairway Ave and from there is an accident waiting to happen. Very dangerous.	Usage: Biking	Usage: Walking	Need: Sidewalk	Concern: General Safety	Usage: Transit					
3/24/2024	6:06 PM	web	45.327	-121.956	Walk		Usage: Walking									
3/24/2024	8:00 PM	web	45.334	-121.962	Walk		Usage: Walking									
3/24/2024	8:00 PM	web	45.343	-121.963	Walk		Usage: Walking									
3/24/2024	8:01 PM	web	45.347	-121.963	Walk		Usage: Walking									
3/24/2024	8:01 PM	web	45.338	-121.963	Walk		Usage: Walking									
3/24/2024	8:09 PM	mobile	45.345	-121.963	Walk	Too narrow for safe walking	Usage: Walking	Concern: General Safety								
3/24/2024	8:09 PM	mobile	45.343	-121.963	Walk	Speeding cars, don't feel safe walking or biking	Usage: Walking	Concern: General Safety	Concern: Vehicle Speed							

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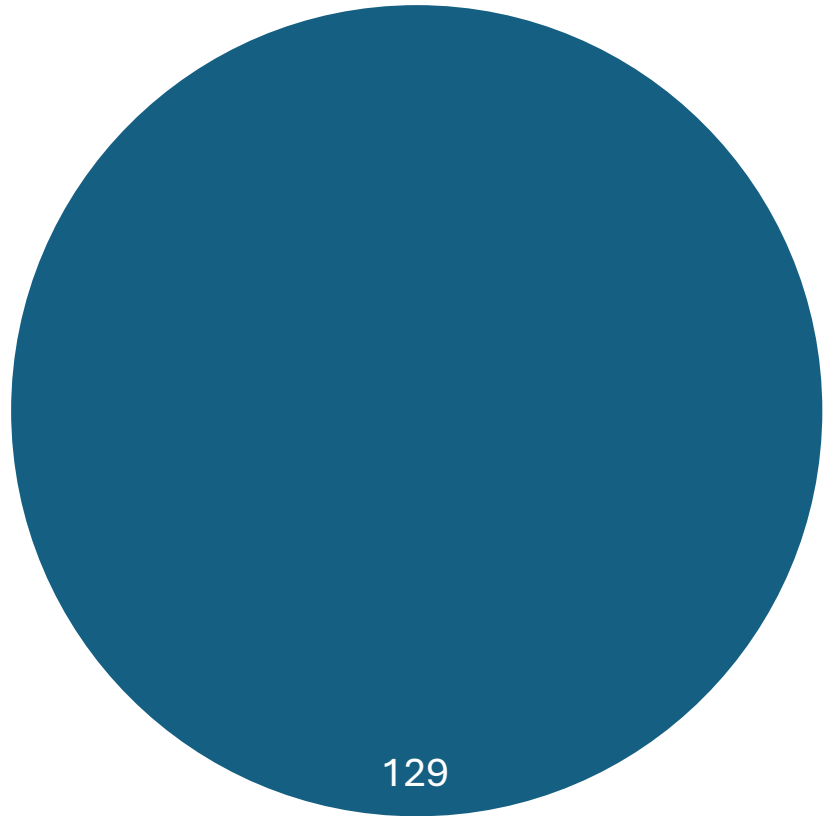
3/25/2024	4:40 AM	mobile	45.338	-121.964	Bike		Usage: Biking										
3/25/2024	4:40 AM	mobile	45.337	-121.964	Walk		Usage: Walking										
3/25/2024	4:41 AM	mobile	45.347	-121.963	Walk		Usage: Walking										
3/25/2024	5:02 AM	mobile	45.332	-121.962	Walk	We live along Welches Rd and pedestrian access is limited and quite dangerous.	Usage: Walking	Concern: General Safety									
3/25/2024	5:02 AM	mobile	45.33	-121.962	Bike		Usage: Biking										
3/25/2024	5:02 AM	mobile	45.328	-121.962	Issues	People drive at unsafe speeds down this road.	Concern: General Safety	Concern: Vehicle Speed									
3/25/2024	5:14 AM	mobile	45.33	-121.962	Walk		Usage: Walking										
3/25/2024	5:15 AM	mobile	45.336	-121.963	Walk	Walk to work and enjoyment along Welches	Usage: Walking	Destination: Work									
3/25/2024	5:15 AM	mobile	45.346	-121.964	Walk		Usage: Walking										
3/25/2024	5:15 AM	mobile	45.338	-121.959	Walk		Usage: Walking										
3/25/2024	5:17 AM	mobile	45.332	-121.961	Issues	Cars driving way too fast	Concern: General Safety	Concern: Vehicle Speed									
3/25/2024	5:17 AM	mobile	45.341	-121.964	Issues	Lots of children walking to and waiting for busses to school	Usage: Biking	Concern: Schoolchildren	Usage: Transit								
3/25/2024	10:04 AM	mobile	45.342	-121.963	Bike		Usage: Biking										
3/25/2024	10:05 AM	mobile	45.345	-121.963	Walk		Usage: Walking										
3/25/2024	3:30 PM	web	45.329	-121.96	Issues	Road curve is blind	Concern: General Safety	Concern: Visibility									
3/25/2024	4:20 PM	web	45.345	-121.963	Walk		Usage: Walking										
3/25/2024	4:20 PM	web	45.344	-121.963	Bike		Usage: Biking										
3/25/2024	4:28 PM	mobile	45.328	-121.962	Issues	No walking area at all											
3/25/2024	4:29 PM	mobile	45.329	-121.966	Walk	I would like to walk safely on the back side of Welches Road	Usage: Walking	Concern: General Safety									
3/25/2024	6:54 PM	web	45.33	-121.961	Issues	Between Birdie and Roberts, Welches road is exceptionally narrow and tarmac is chopped and pitted. Large old trees on either side. Blind curve for cars traveling north.	Concern: General Safety	Concern: Visibility									
3/25/2024	6:56 PM	web	45.341	-121.963	Issues		Concern: General Safety	Concern: Visibility									
3/25/2024	7:07 PM	web	45.332	-121.961	Issues		Usage: Walking	Concern: Ditches	Need: Sidewalk	Concern: Golf Balls	Concern: General Safety	Concern: Topography					
3/25/2024	7:08 PM	web	45.334	-121.962	Issues		Usage: Walking	Concern: Road Surface Quality	Concern: General Safety	Concern: Vehicle Speed	Concern: Topography	Concern: Traffic Delay					
3/25/2024	7:10 PM	web	45.336	-121.963	Issues	Again, dark camouflaged walkers and bikers. The East Side for a path is the obvious choice on Welches from Woodruff North to 26. Dog walkers narrowly escape traffic.	Need: Sidewalk	Concern: Visibility	Concern: Traffic Delay								

4/6/2024	9:53 PM	mobile	45.33	-121.961	Walk		Usage: Walking										
4/6/2024	9:53 PM	mobile	45.338	-121.963	Bike		Usage: Biking										
4/6/2024	9:53 PM	mobile	45.332	-121.962	Issues	Narrow hill	Usage: Walking	Concern: Topography									
4/8/2024	7:39 PM	web	45.342	-121.963	Walk	If pedestrian path above hill is close to road then need some more lighting.	Usage: Walking	Need: Sidewalk	Concern: Visibility	Concern: Topography							
4/8/2024	7:41 PM	web	45.339	-121.963	Bike	Pedestrian path is highest priority. Bike path is secondary priority.	Usage: Biking	Need: Sidewalk									
4/8/2024	7:43 PM	web	45.335	-121.963	Issues	Pedestrian safety issue is mostly from the base of the hill to Hwy 26. No as big of an issue from base of hill to Birdie Lane so don't need path there. Or only a small pedestrian path on the golf course side of the road only.	Usage: Walking	Need: Sidewalk	Concern: General Safety	Concern: Topography							
4/18/2024	4:47 PM	web	45.341	-121.963	Walk	A dedicated narrow path with a vacation resort type winding nature to limit speed of bicycles and match the area would be preferred. What is provided in front of Welches Mountain Village and the Cabins Creekside is an ideal look.	Usage: Walking	Need: Sidewalk	Concern: General Safety	Concern: Vehicle Speed	Concern: Topography						
4/18/2024	4:54 PM	web	45.345	-121.963	Bike		Usage: Biking	Concern: Shoulders	Need: Sidewalk	Concern: Traffic Delay							
4/18/2024	4:57 PM	web	45.348	-121.963	Issues		Concern: Schoolchildren	Need: Sidewalk									
4/19/2024	2:26 PM	web	45.341	-121.963	Walk		Usage: Walking										
4/19/2024	3:04 PM	web	45.347	-121.963	Issues												
4/19/2024	3:07 PM	web	45.344	-121.963	Bike	Poor visibility on a bike vs vehicle traffic going trough shade to sunlight	Usage: Biking	Concern: General Safety	Concern: Visibility	Concern: Traffic Delay							
4/19/2024	3:10 PM	web	45.332	-121.961	Walk	Golf ball hazard from tees	Usage: Walking	Concern: Golf Balls									
4/19/2024	3:10 PM	web	45.334	-121.962	Bike	Very poor visibility	Usage: Biking	Concern: General Safety	Concern: Visibility								
4/19/2024	3:11 PM	web	45.335	-121.963	Issues	Poor visibility for all	Concern: General Safety	Concern: Visibility									
4/19/2024	3:11 PM	web	45.343	-121.963	Issues	road repair	Concern: Road Surface Quality										
4/19/2024	3:12 PM	web	45.341	-121.962	Bike		Usage: Biking										
4/19/2024	3:12 PM	web	45.339	-121.962	Walk	dark due to trees, poor visability, drivers can not see pedestrians, especially with dark clothes	Usage: Walking	Concern: Visibility									
4/19/2024	3:12 PM	web	45.328	-121.96	Issues	Too narrow, poor visibility	Concern: General Safety	Concern: Visibility									
4/19/2024	3:13 PM	web	45.329	-121.96	Issues	Poor visibility	Concern: General Safety	Concern: Visibility									
4/19/2024	3:13 PM	web	45.329	-121.96	Bike	Too narrow	Usage: Biking										
4/19/2024	6:12 PM	mobile	45.34	-121.964	Bike	The ditch is so deep. It's easy to crash on a bike as car come near and biker has to move over.	Usage: Biking	Concern: Ditches	Concern: General Safety								

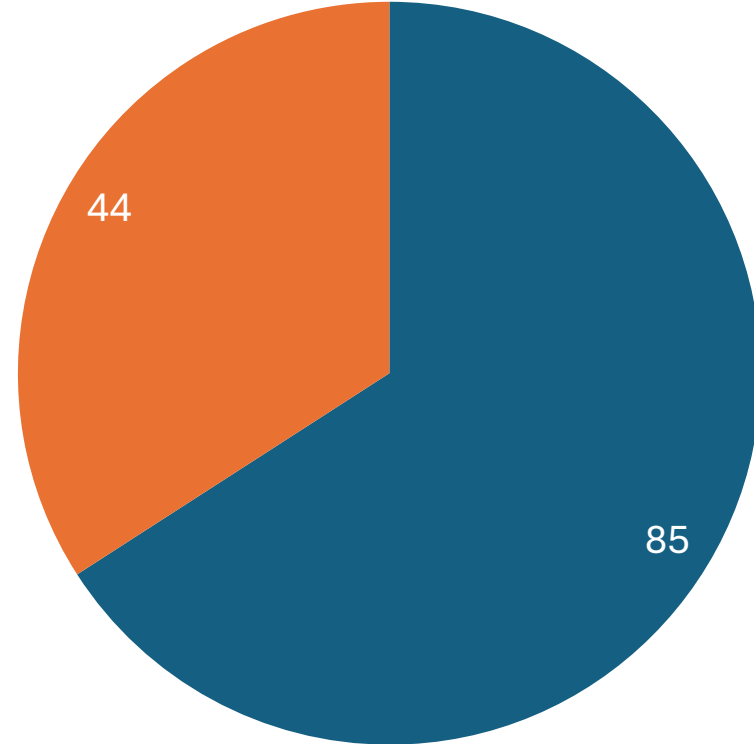
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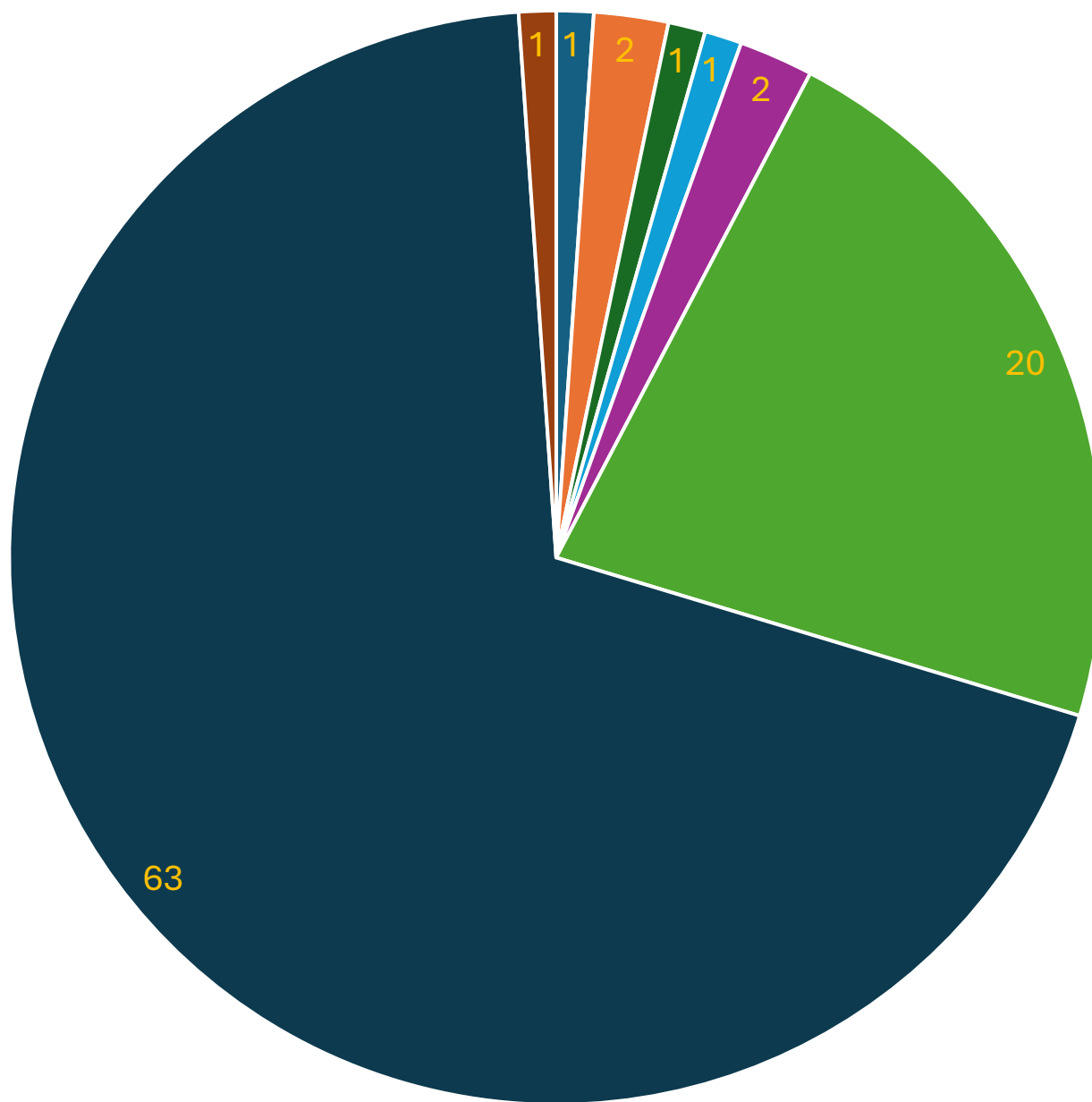
Total Individual Survey Respondents = 129



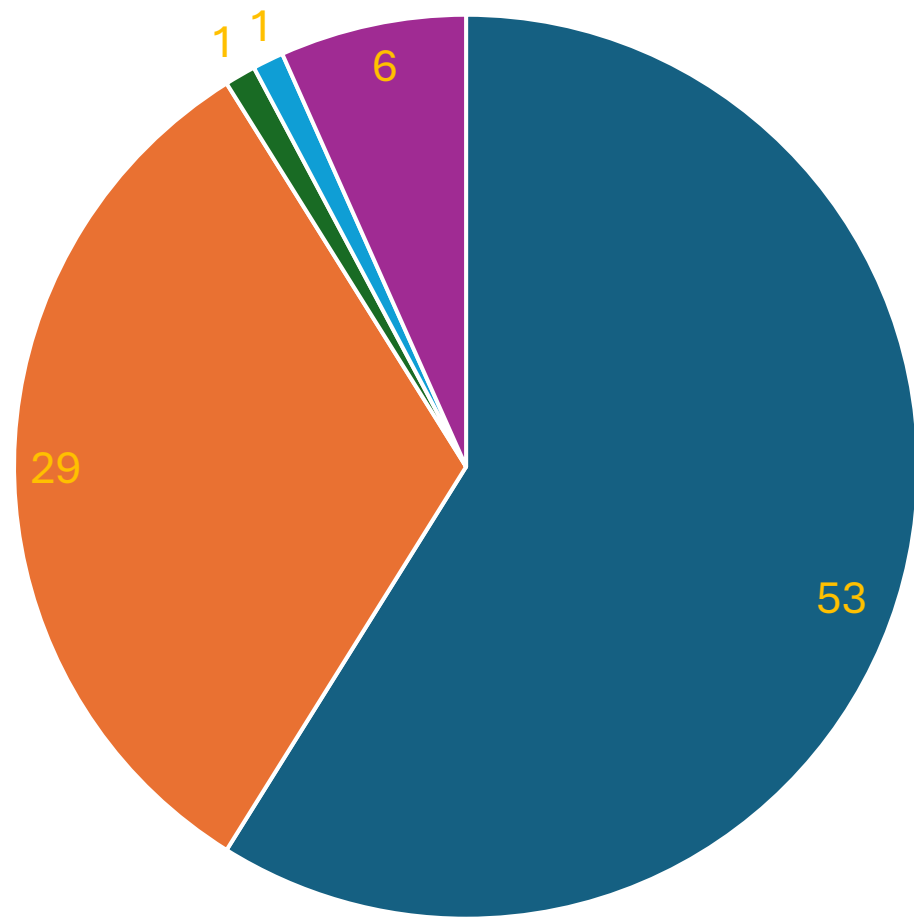
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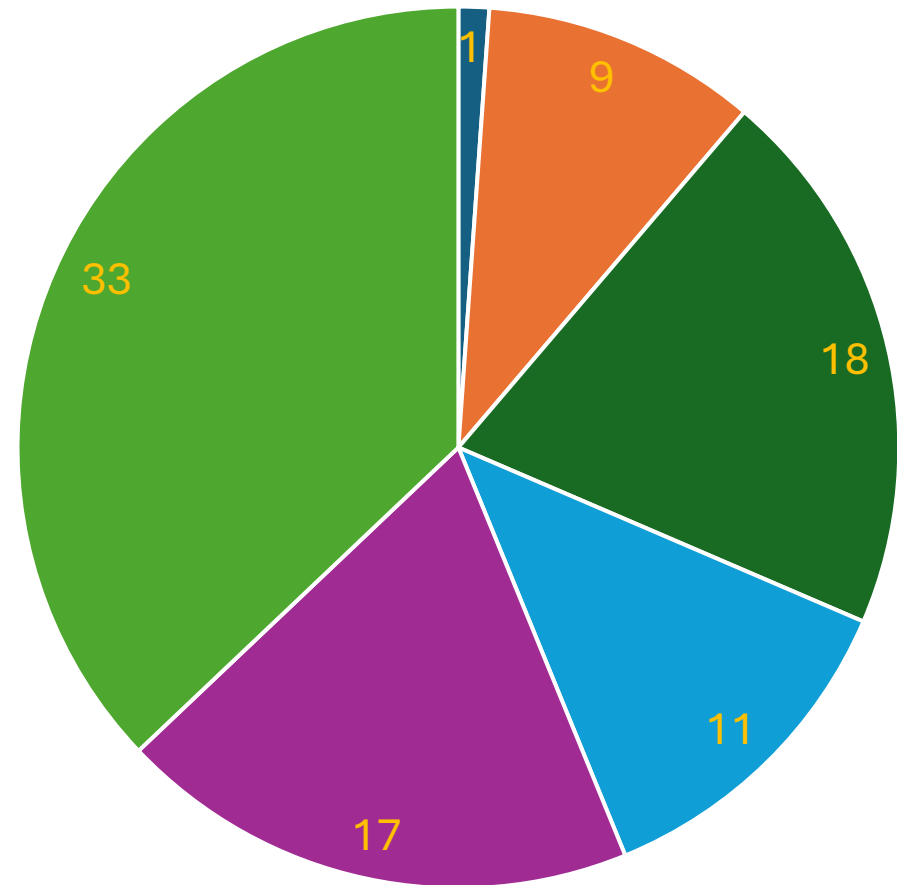
■ mobile
■ web



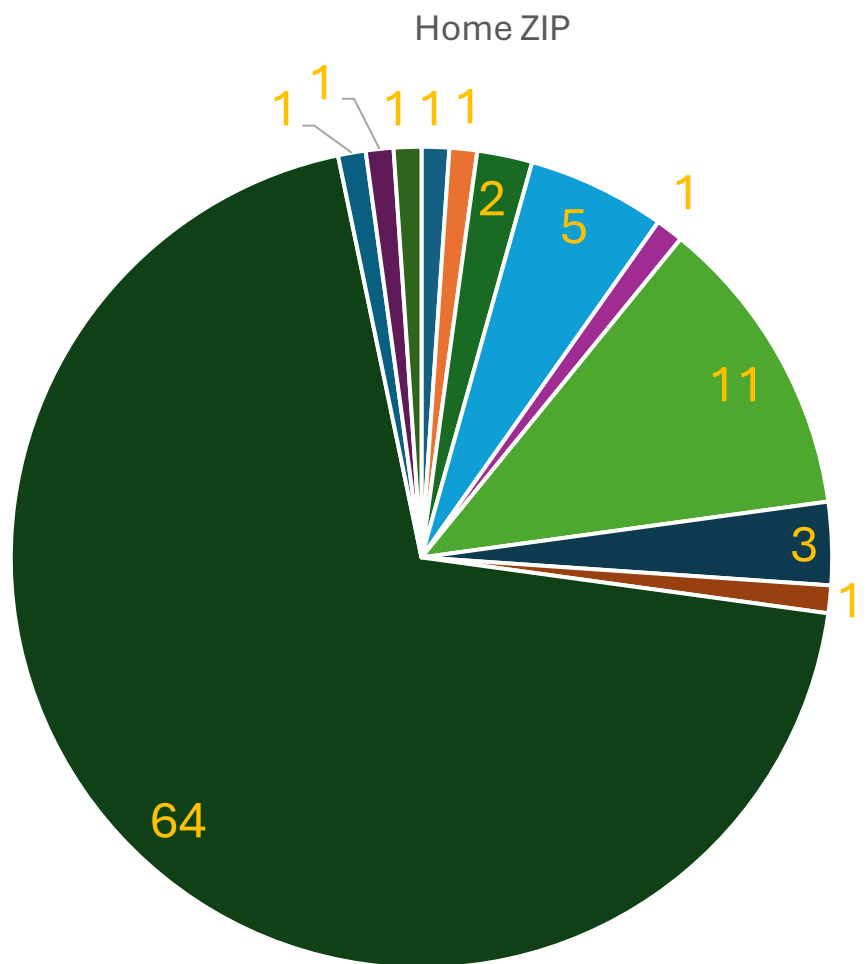
- Asian Indian, Native American or Native Alaskan, Native Hawaiian or Pacific Islander, White, Other race or origin
- Native American or Native Alaskan
- Native American or Native Alaskan, White
- Native Hawaiian or Pacific Islander
- Other race or origin
- Prefer not to answer
- White
- White, Hispanic/Latine



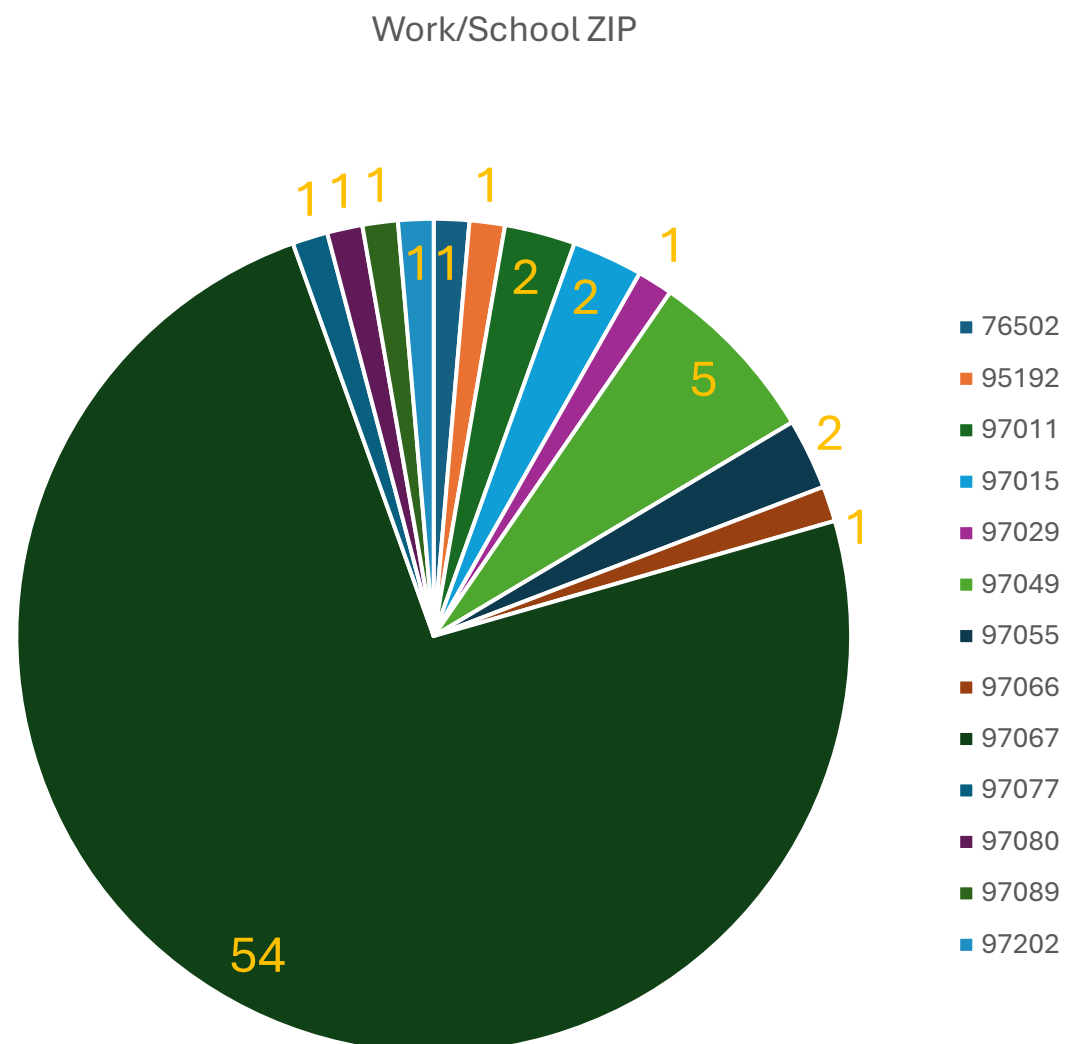
- Female
- Male
- Nonbinary
- Other
- Prefer not to answer



- 18 to 24
- 25 to 34
- 35 to 44
- 45 to 54
- 55 to 64
- 65 and older

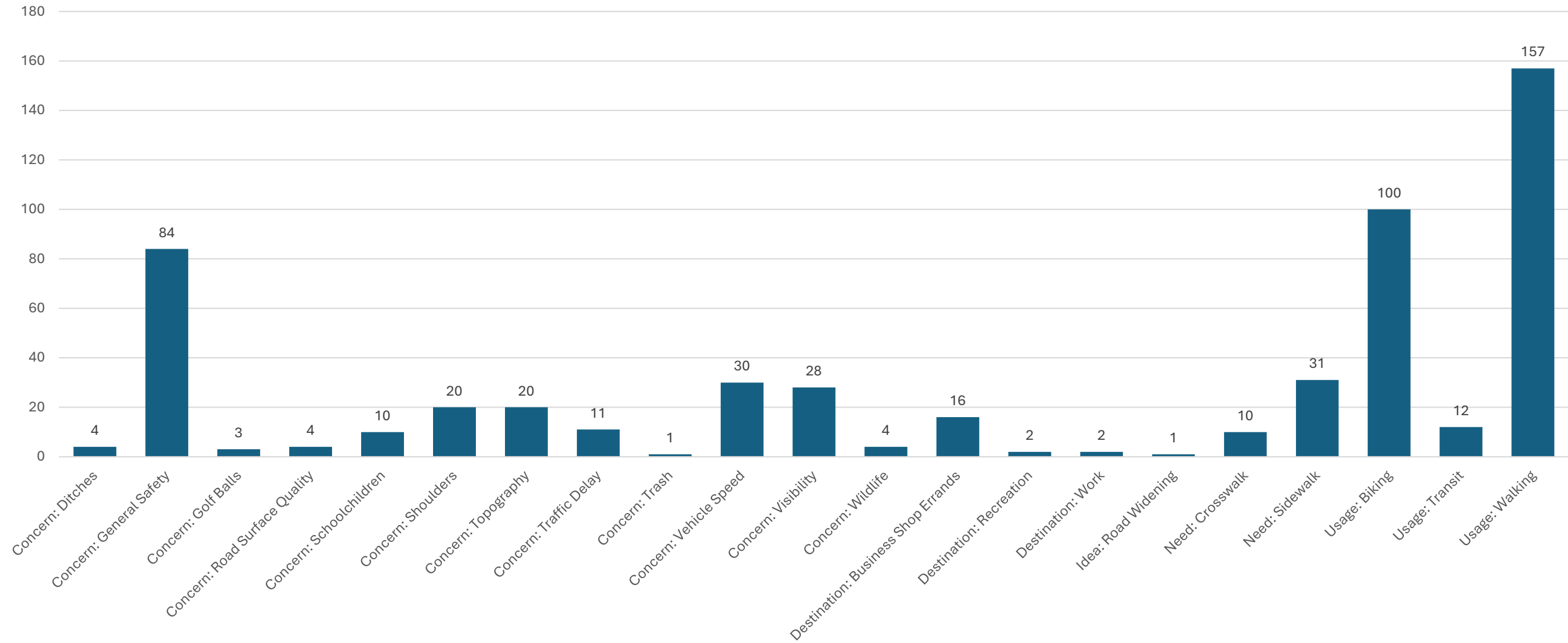


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- 97011
- 97012
- 97049
- 97055
- 97066
- 97067
- 97068
- 97202
- 98067



- 76502
- 95192
- 97011
- 97015
- 97029
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- 97055
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- 97067
- 97077
- 97080
- 97089
- 97202

Comment Tag Instances



Appendix B

Title VI Compliance



What is Title VI Compliance and why does it matter?

Under our Non-discrimination Policy, the Department of Transportation and Development (DTD) is responsible for ensuring that concerted efforts are made to identify and eliminate any unfair treatment and inequality in any of its program areas.

The Clackamas County Title VI Implementation Plan details three key components for planning and public involvement projects:

- 1. Public involvement opportunities outreach:** Clackamas County Department of Transportation and Development staff will invite participation of a cross section of the populace from social, economic, and ethnic groups in the planning process by disseminating written program information to minority media and ethnic organizations, and providing public service announcements for all local media, when forming community advisory committees or planning boards, and requesting involvement.
- 2. Demographic statistics:** Clackamas County Department of Transportation and Development staff will obtain demographic statistics at applicable community meetings and public hearings involving transportation planning sessions. Data will be gathered through use of a voluntary self-reporting form that includes race and national origin. Copies of the completed forms will be provided to the Title VI Coordinator after each meeting.
- 3. Meeting access:** To ensure access to public meetings, evening meetings will be conducted in a variety of community buildings throughout the project area, with a preference given to those locations along transit routes. Department staff will ensure translation services are available if those needing such services are anticipated to be in attendance. Department staff will ensure public meetings are held in predominantly minority communities when transportation projects will specifically impact those communities.

The planning and public involvement criteria for the Welches Ave Pedestrian Improvement project were met in the following ways:

- 1. Public involvement opportunities outreach:** Welches residents were invited to participate in this engagement activity through the Hoodland CPO email list, notice in the Mountain Times newspaper, project interested parties email list and the Nextdoor social media platform.
- 2. Demographic statistics:** Demographic information was collected through the online survey. See survey participant information in Appendix A.
- 3. Meeting access:** To publicize this pre-project survey, staff attended a public meeting in March 2024. The Hoodland CPO sent the survey information to their email list and posted flyers promoting the survey at various locations throughout the Welches area. We are indebted to the CPO for their generous contribution to encourage community feedback.

Complaint Process

The Department of Transportation and Development (DTD) is committed to continually improving its work, and welcomes comments or suggestions on how to improve delivery of services or communications with the public. The department is also committed to ensuring equity and fairness in providing its services, including all community members in the planning and decision-making process, and being transparent about how department decisions are made.

Any person who believes they have been excluded from participation in department activities or programs, or has received unequal treatment or discrimination in the receipt of benefits or services based on their race, color or national origin (including Limited English Proficiency) has the right to file a discrimination complaint with the Nondiscrimination Coordinator.

File a complaint

To submit a complaint, please complete an online complaint form below, or complete and submit a paper copy in person. Forms are available at all DTD public locations:

- Development Services Building, 2nd and 3rd floors, 150 Beavercreek Road, Oregon City
- Transportation Services Building, 19246 Wachen Parkway, Oregon City
- Dog Services, 13141 SE Highway 212, Clackamas