



King County

Department of Local Services

Road Services Division

16th Avenue SW Pedestrian Safety and Traffic Calming Improvement Project

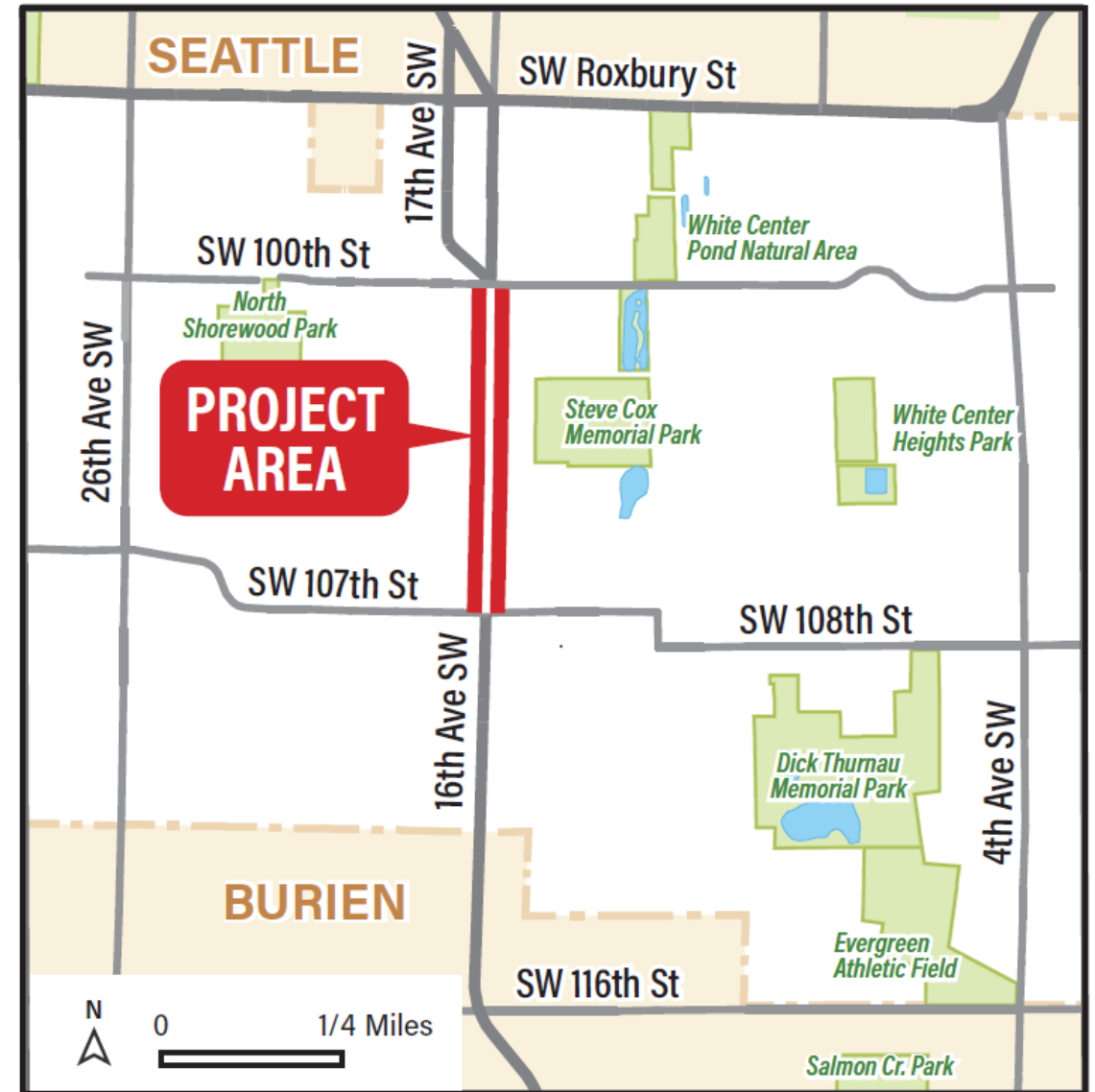
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Summer 2024



16th Avenue SW Pedestrian Safety Improvement & Traffic Calming Project – kingcounty.gov/16thAveSW

Agenda



Welcome



Road Services Overview



Project Overview
Designs & Parking



Outreach and Survey
Information



Questions



16th Avenue SW between SW 106th Street and SW 104th Street, looking north.

Tonight's meeting

- The **community** asked for this meeting to learn more about the final designs.
- We are here to have a **conversation** about the designs.
- We are here to talk about **community engagement** past, present, and future and what we can learn.
- We commit to giving residents a **clear understanding** of how feedback and comments will be used to make decisions about this project and what's next.

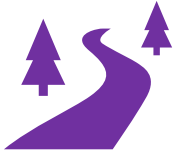
Road Services Projects



Priorities: safety, maintenance, use money wisely



Requirements: local, state, and national safety design standards



Users: cars, trucks, bikes, pedestrians



Community: current wants and needs; future vision



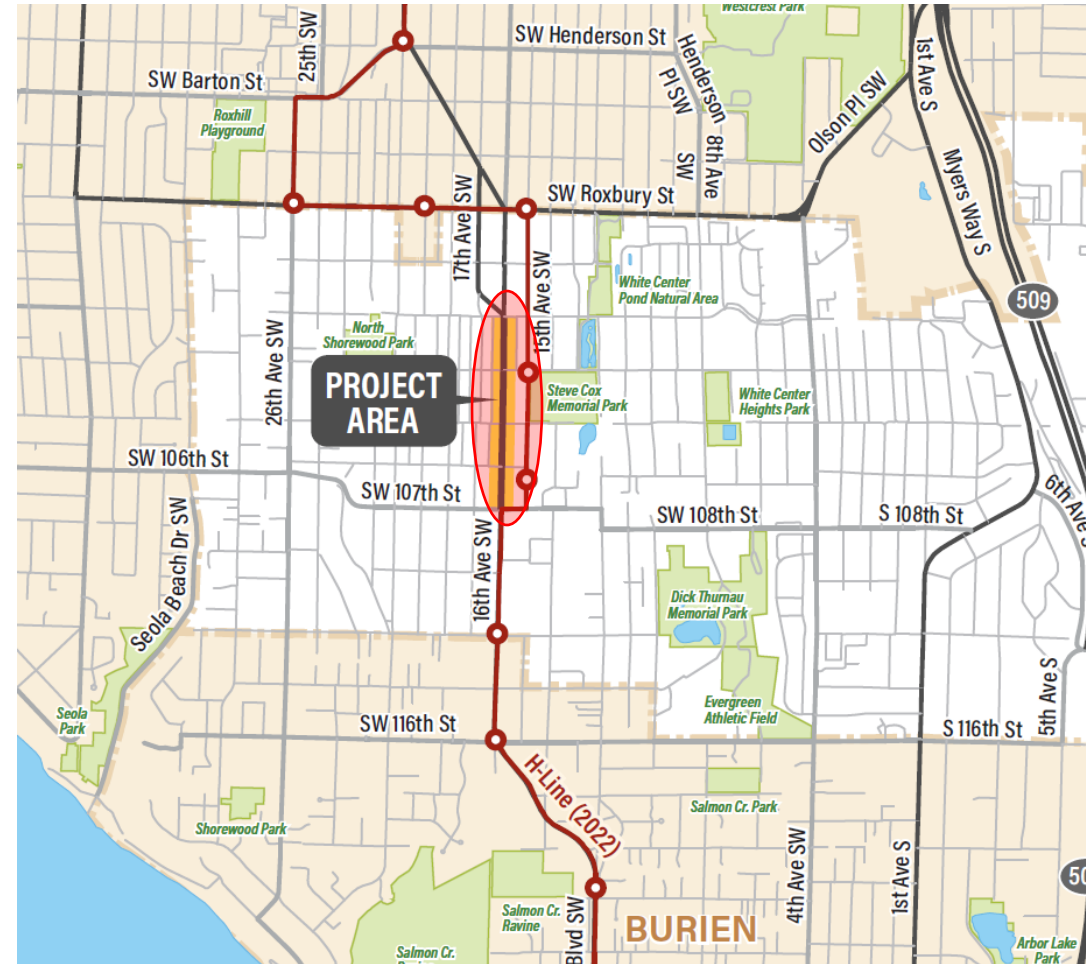
Funding: grants, other sources



Design: 30%, 60%, 90%

Project overview

- Make it safer for people to walk across, bicycle, and drive on 16th Avenue SW between SW 100th Street and SW 107th Street.
- Add safer street crossings, clearer signs, and road improvements to help reduce speeding.
- Increase the total number of on-street parking spaces in this corridor.
- Consider location of on-street parking.



Why this project is needed

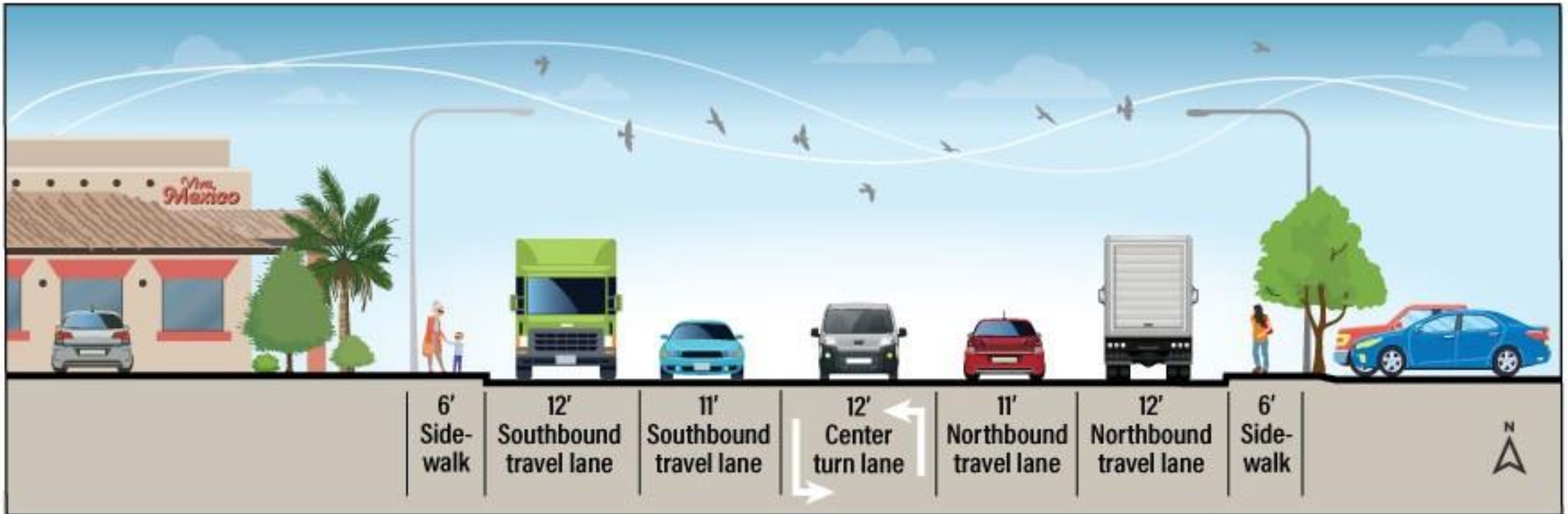
- 291 collisions reported between 2011 and 2023 in the project area
- 26 collisions involved pedestrians (3 mid-block, 19 at intersections)
- 109 injury-involved, two fatal collisions
- Traffic studies show that safety improvements included in this project can reduce collisions by up to one third



Bus turning right onto SW 106th Street from 16th Avenue SW, looking north.

Visit website FAQ section for more details and information!

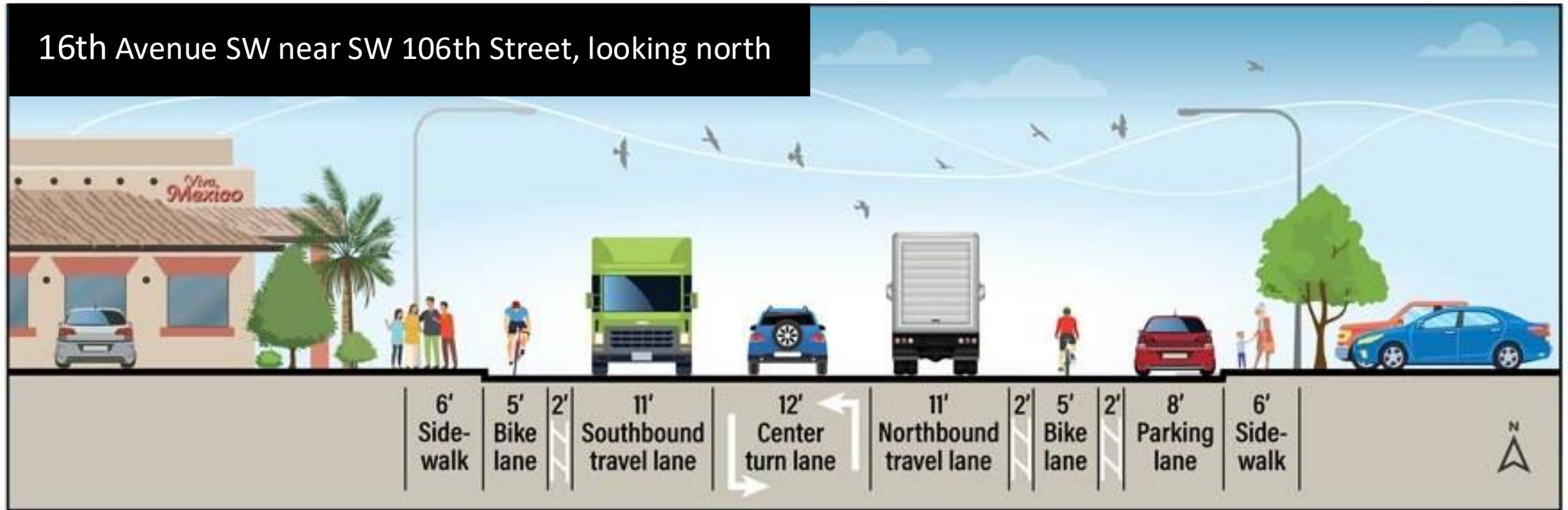
Existing roadway design



16th Ave SW near SW 106th St., looking north

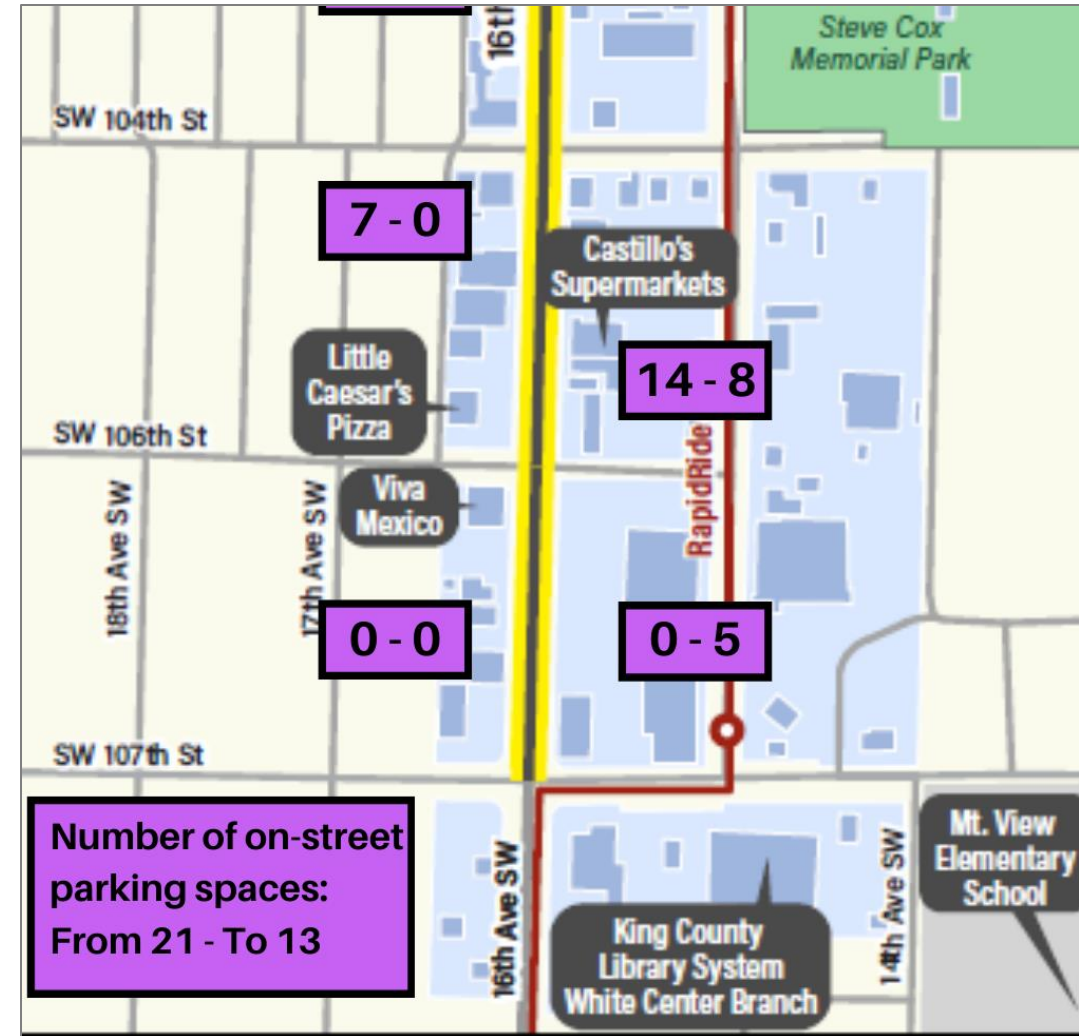
- Two travel lanes in each direction
- One center turning lane
- 43 curbside parking spaces (between SW 100th and SW 107th Streets)

Bike lanes included, parking mostly on east side

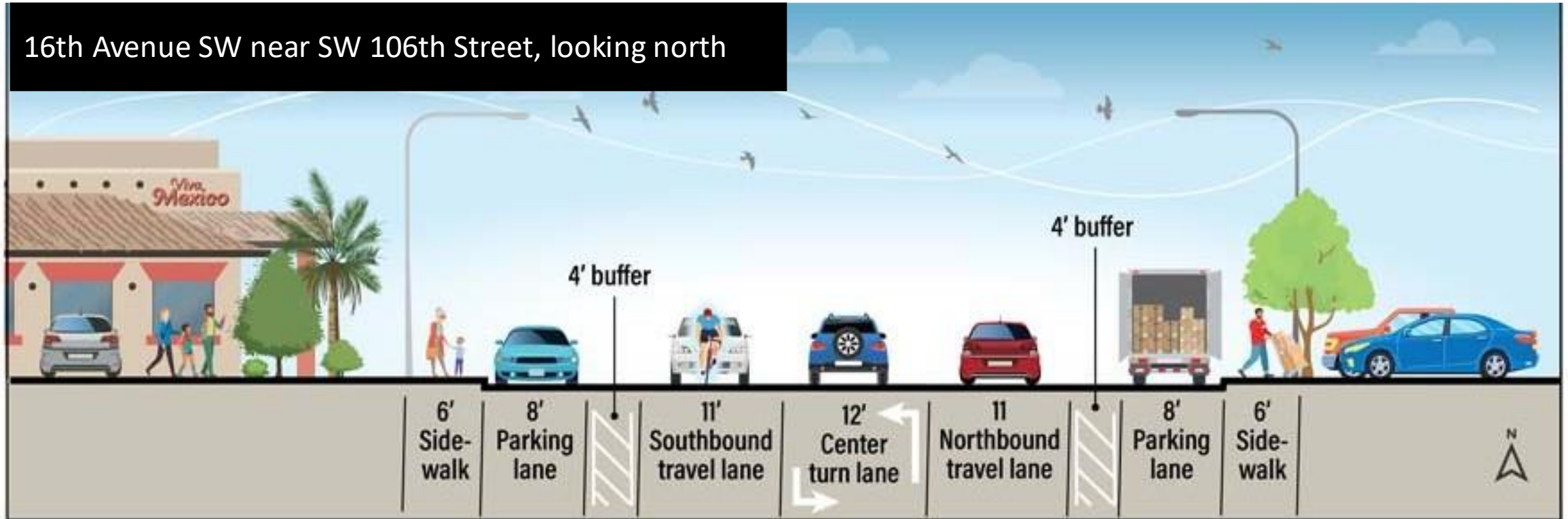


- Re-stripe roadway between just north of SW 100th to SW 107th streets
- One travel lane in each direction
- One center turning lane
- Add buffered bicycle lanes on both sides of 16th Avenue SW
- 46 total on-street parking spaces between SW 100th and SW 107th streets

Bike lanes and parking

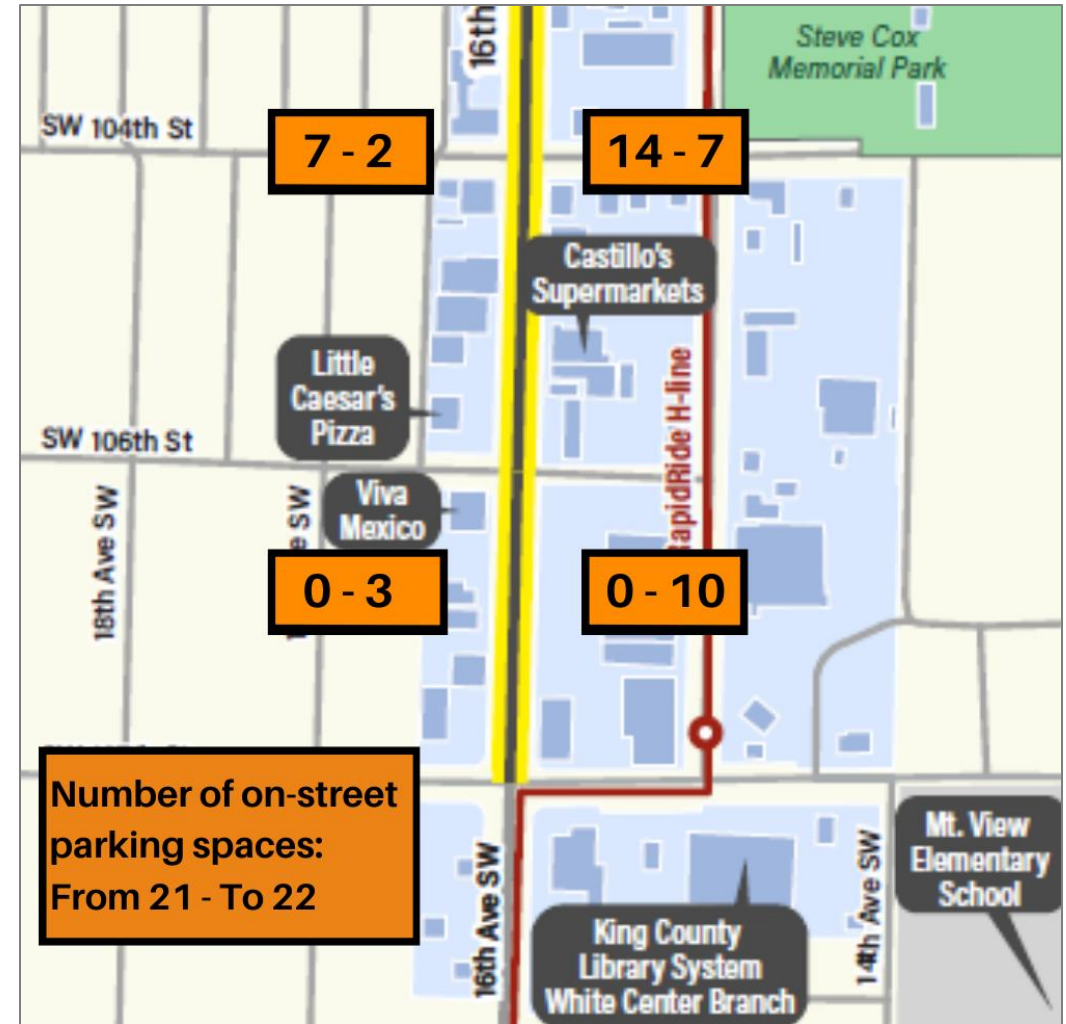


No bike lanes, parking on both sides










- Re-stripe roadway between SW 100th and SW 107th streets
- One travel lane in each direction
- One center turning lane
- No dedicated bicycle lanes
- 67 total on-street parking spaces between SW 100th and SW 107th streets

No bike lanes



Roadway designs compared

	Feature	Option 1	Option 2	Existing roadway
	Bike lanes	✓		
	Buffer space between moving traffic and parked vehicles	✓	✓	
	Sidewalk extensions at two intersections: SW 104th & 106th	✓	✓	
	One lane in each direction	✓	✓	
	Center turn lane	✓	✓	✓
	Two lanes in both directions			✓
	Parking spaces	46	67	43

What 16th Avenue SW looks like (N to S)

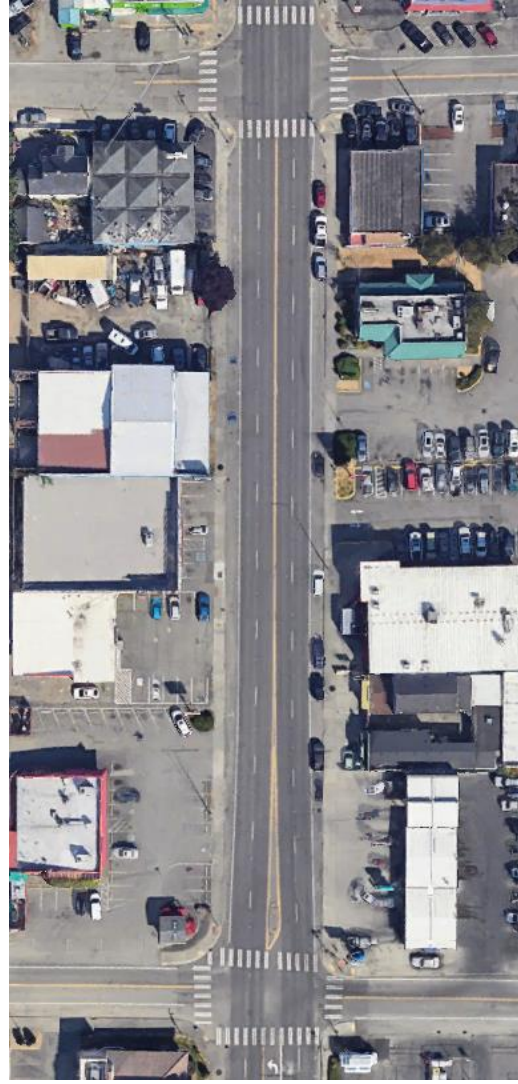
100th – 102nd Street



102nd – 104th Street



104th – 106th Street



106th – 107th Street



Decisions on this project

1

Priority: safety data



Requirements: parking buffers and space width



Users: cars, bicycles, pedestrians



Community: surveys and outreach



Funding: state grant with pedestrian safety requirements



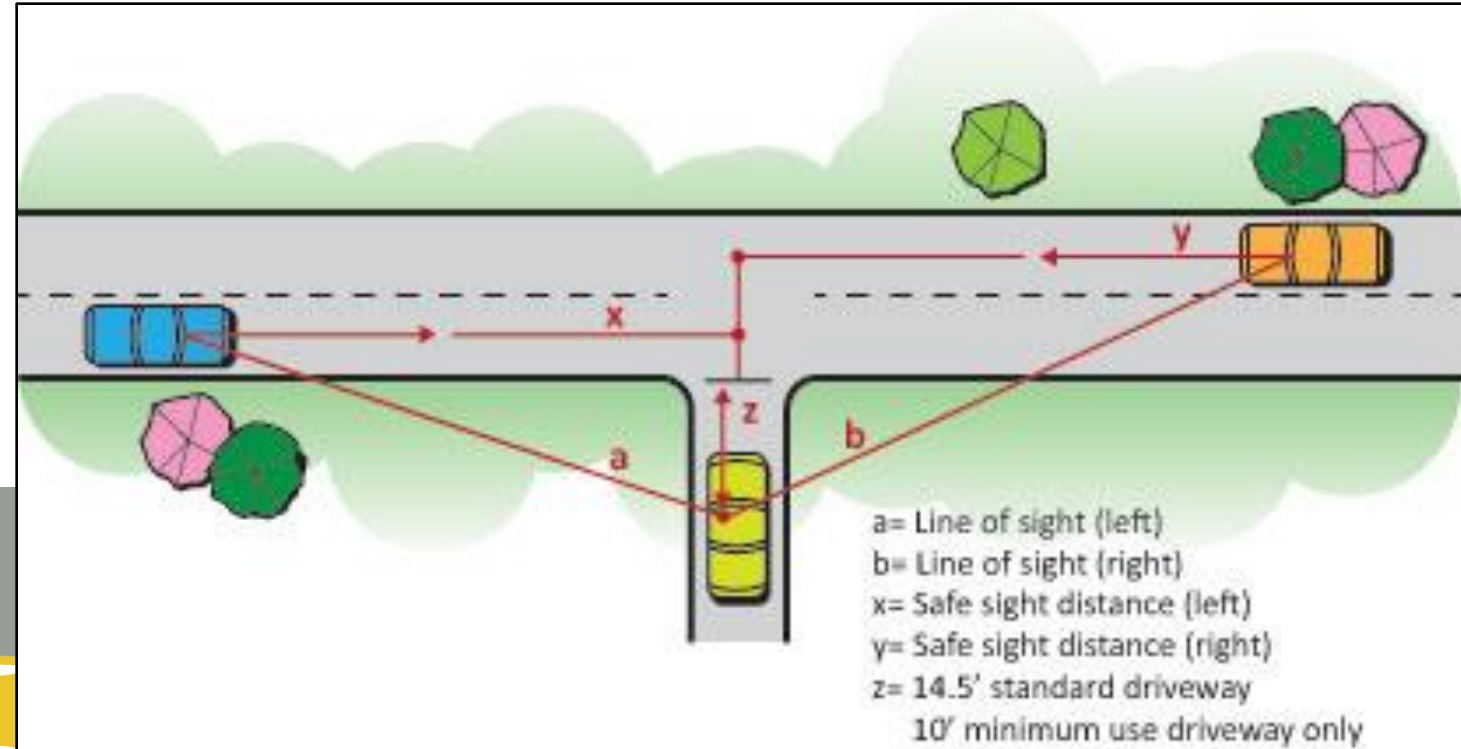
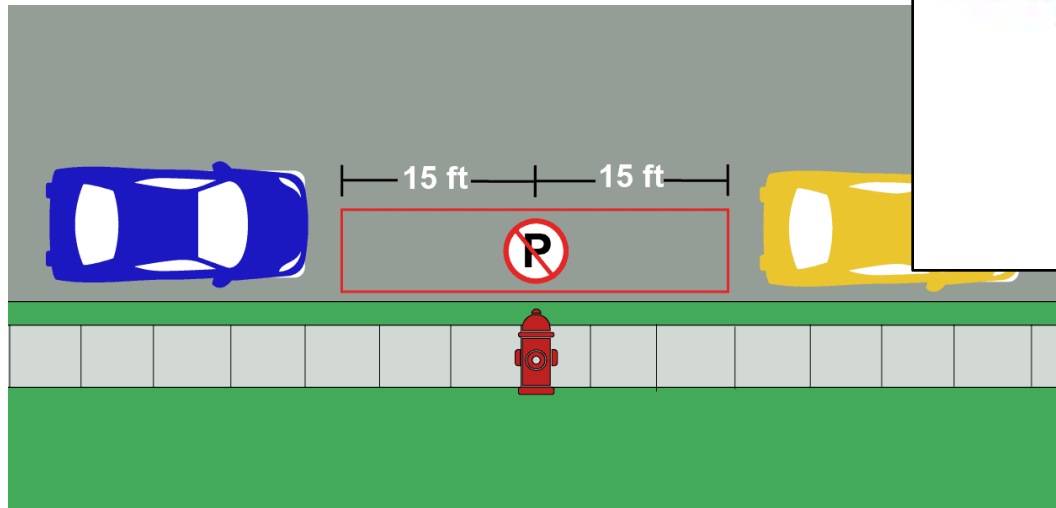
Design: 30% & 90%



Timeline: Design complete by 2024

Why parking spot numbers changed

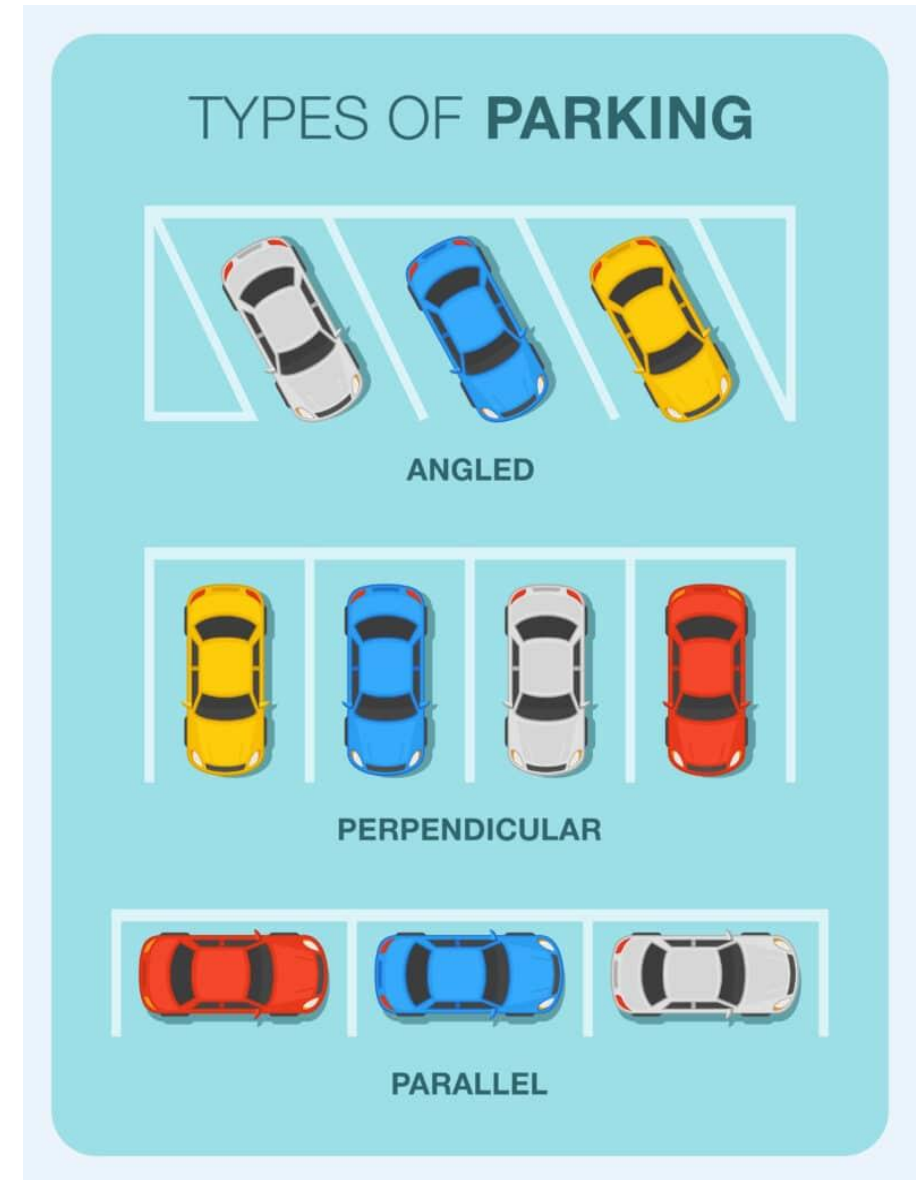
Driveways and fire hydrants



Parking options

We looked at...

- All designs
- National and Seattle experiences
- Accident data associated with the number of vehicles on a street and the type of parking



How much bike lanes cost

16TH AVE SW FROM SW 100TH ST TO SW 107TH ST - BICYCLE LANE COST ESTIMATE					
ITEM NO.	TOTAL QUANTITY	UNIT	ITEM	ESTIMATED UNIT PRICE	EXTENDED AMOUNT
1	2647	L.F.	PAINT LINE	\$2.50	\$6,618
2	10	EA.	PAINTED BICYCLE LANE SYMBOL	\$200.00	\$2,000
3	22	EA.	PAINTED BICYCLE SYMBOL	\$100.00	\$2,200
4	4	EA.	PAINTED BICYCLE LOOP SYMBOL	\$200.00	\$800
5	2530	L.F.	HATCHED BUFFER ZONE	\$10.00	\$25,300
6	2359	L.F.	PLASTIC WHITE DOTTED LANE LINE	\$3.00	\$7,077
7	78	EA.	WHITE FLEXIBLE TUBULAR MARKERS ON CURB BASE	\$425.00	\$33,150
8	3	EA.	INDUCTANCE LOOP BICYCLE DETECTOR	\$1,800.00	\$5,400
9	1	EA.	BIKE BOX WITH BICYCLE DETECTOR	\$4,000.00	\$4,000
10	10	L.S.	PERMANENT SIGNING FOR BICYCLE LANE ONLY	\$120.00	\$1,200
ESTIMATED COST ASSOCIATED WITH BICYCLE LANES:					\$87,745



Photo: Tubular marker on curb base

Outreach

- In-person outreach, door-to-door with downtown businesses
- Sent postcards to 4,000 residences within ½ mile of downtown White Center
- Online survey open Feb. 4, 2022 – March 31, 2022 with 880+ responses
- Emails to a variety of organizations including: youth groups, church groups, community service groups, housing organizations
- White Center St. Patrick's Day event booth 2022
- Promoted on social media, White Center Now, White Center Blog, Nextdoor, posters on KC Community board in WC

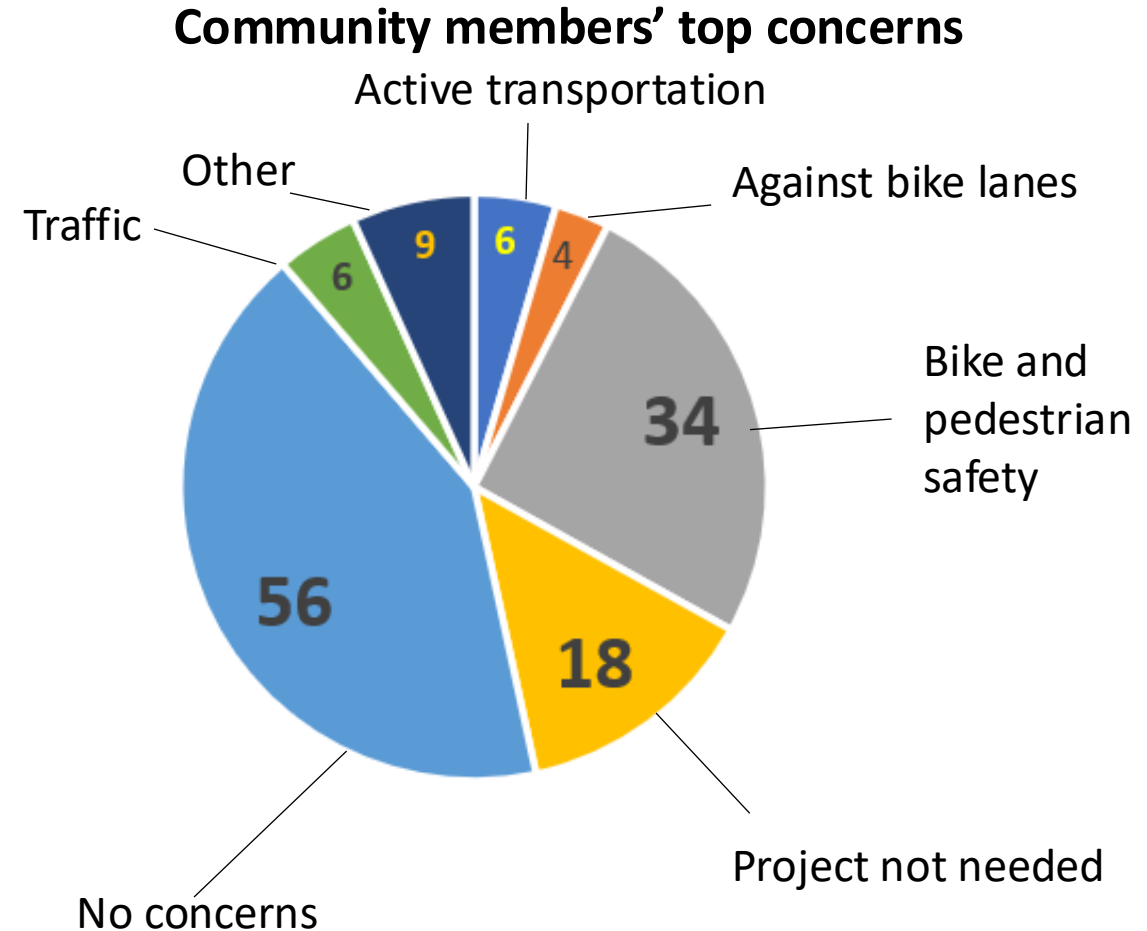
What people living nearby said in 2022

Data sample size: 200 out of the 632 total

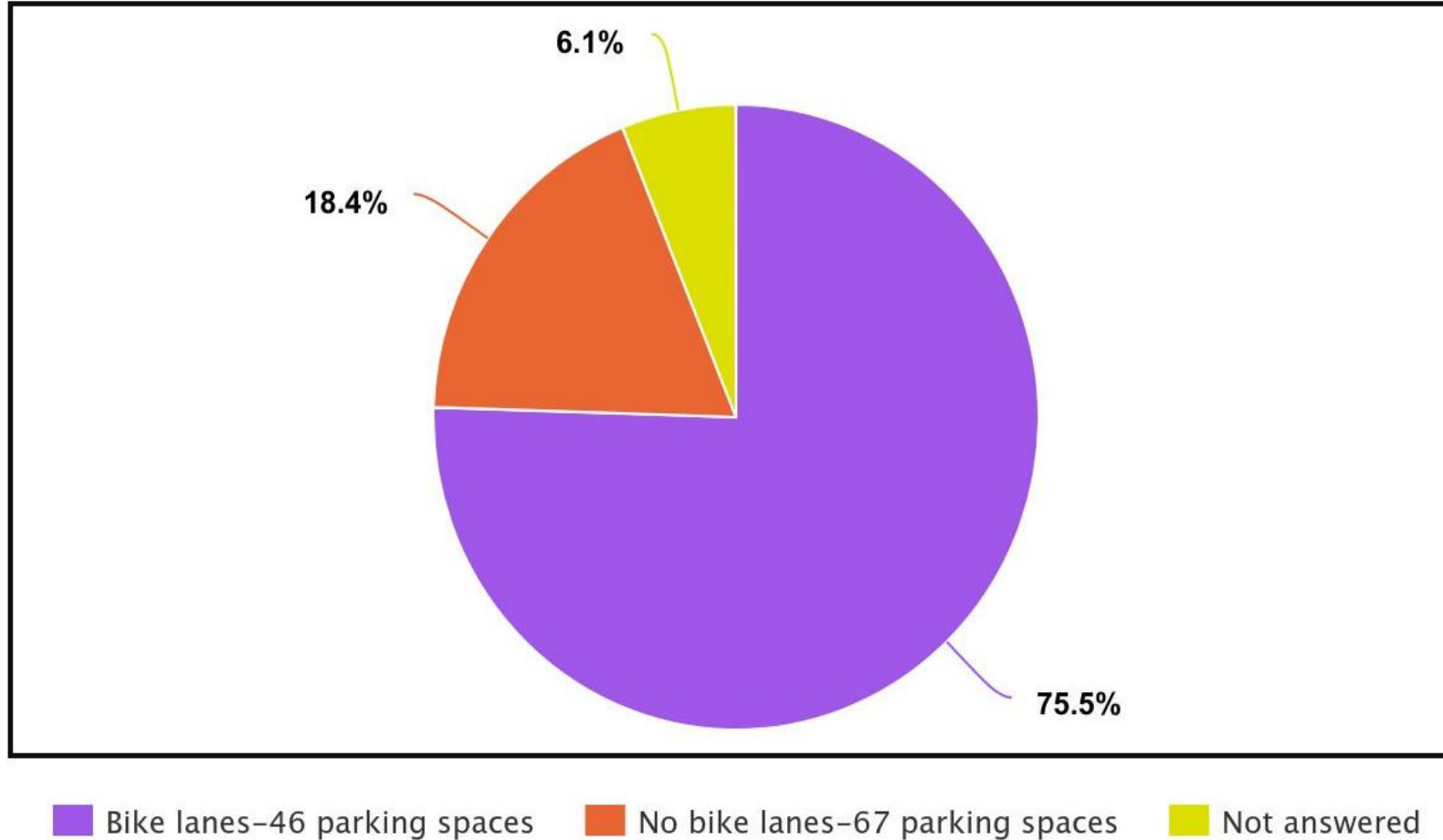
133 people said they lived nearby

What they told us:

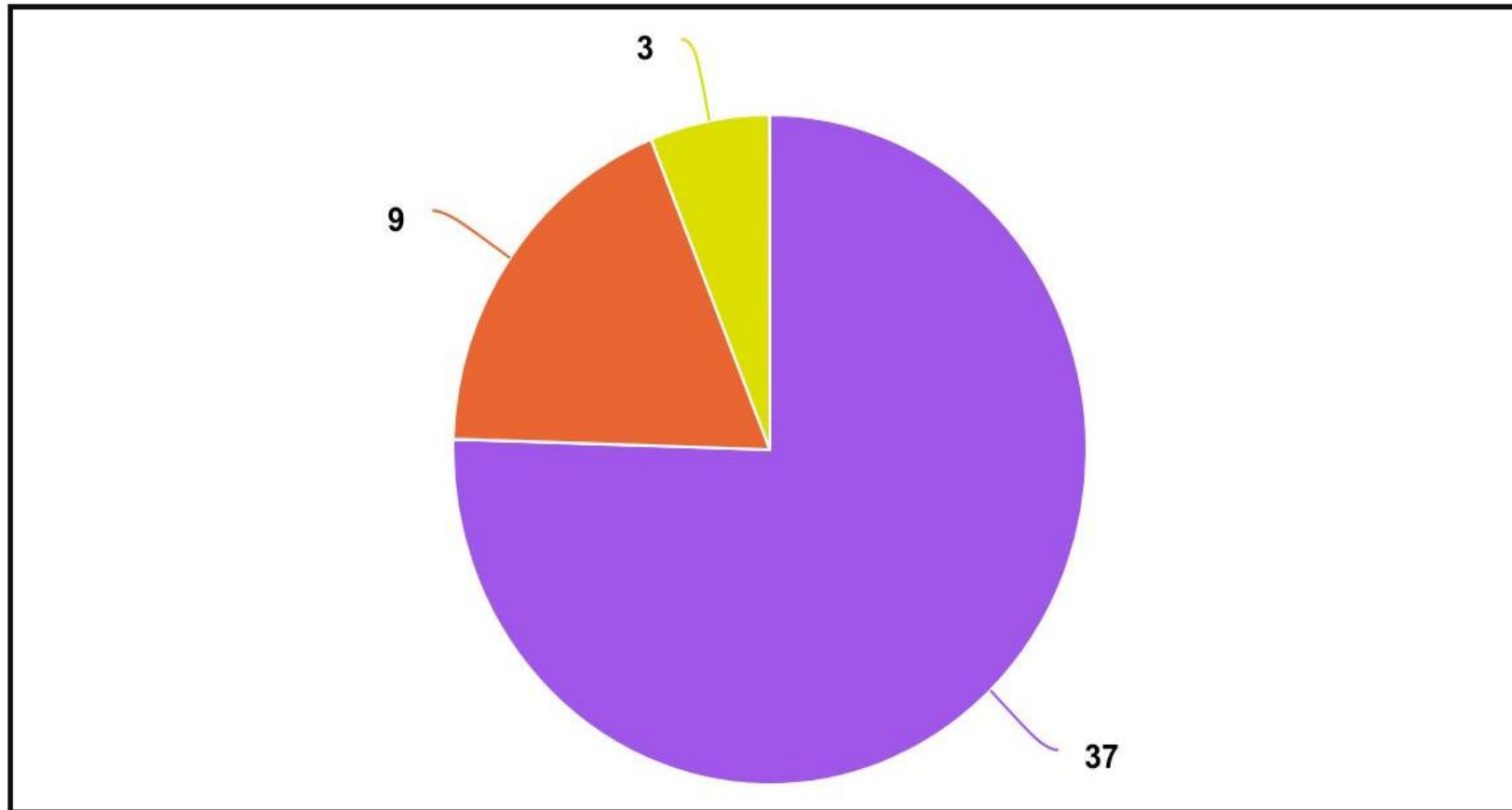
- **34** bike and pedestrian safety
- **18** waste of tax dollars/project not needed
- **6** traffic backups and diversions
- **6** active transportation (want more)
- **4** against bike lanes/pro-parking
- **9** unique concerns that could not be grouped
- **56** community members have no concerns



Survey: What people said July 10 – July 16, 2024

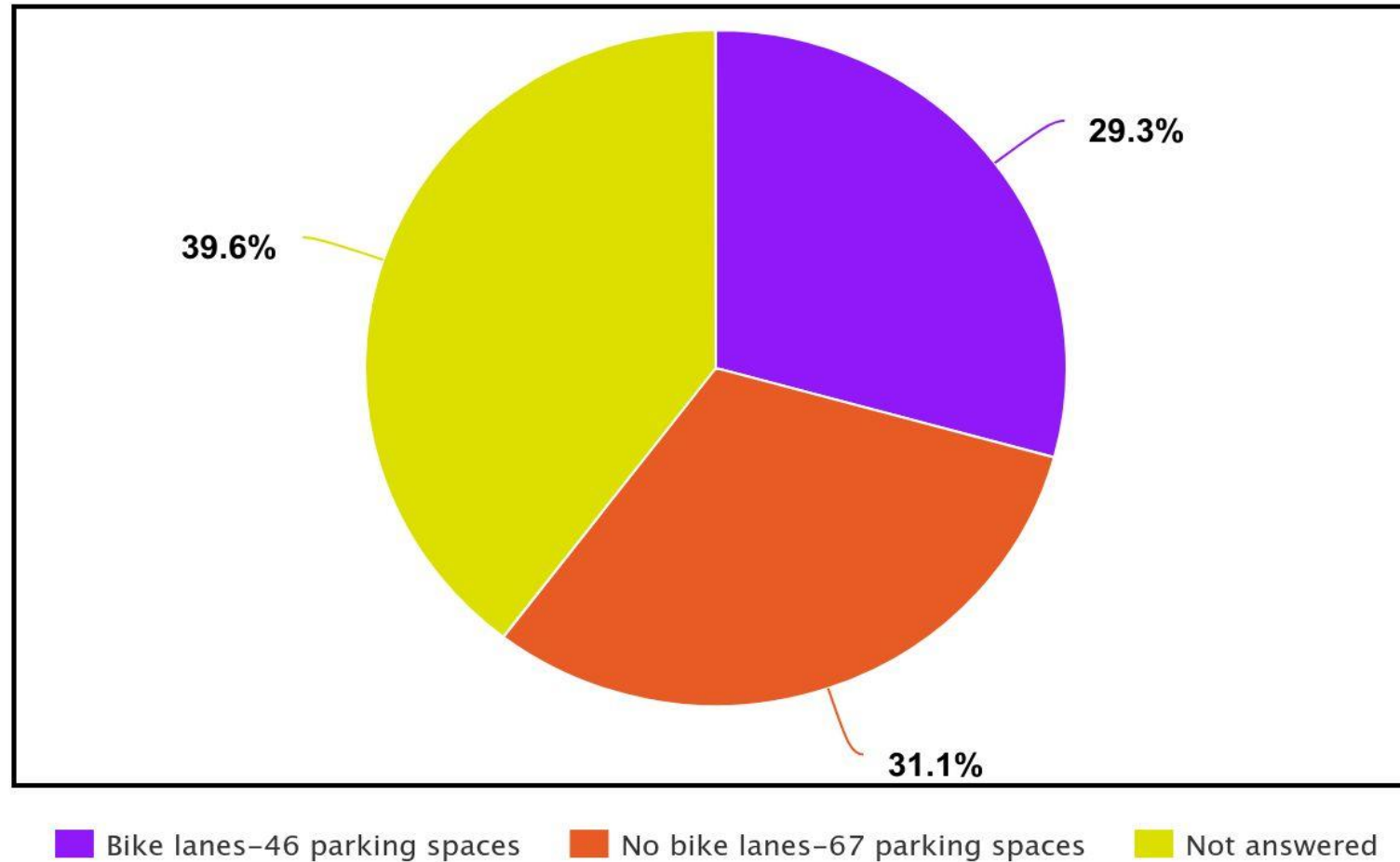


Survey: What people said July 10 – July 16, 2024



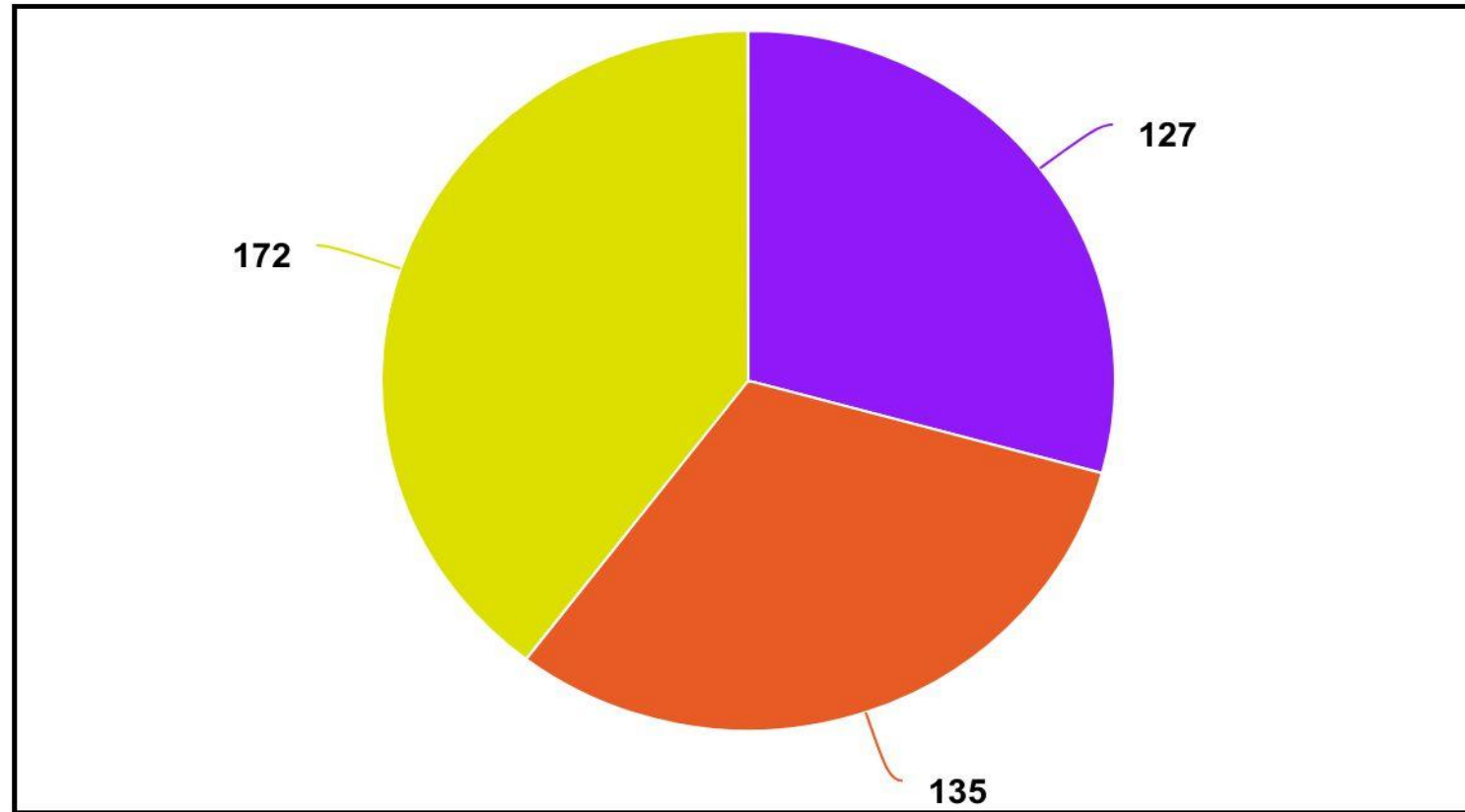
■ Bike lanes-46 parking spaces ■ No bike lanes-67 parking spaces ■ Not answered

Survey: What people said July 17 – July 24, 2024



meta-chart.com

Survey: What people said July 17 – July 24, 2024



 Bike lanes-46 parking spaces  No bike lanes-67 parking spaces  Not answered

meta-chart.com

Survey: We will share results after 7/31

- kingcounty.gov/16thAveSW



- publicinput.com/16thaveswsurvey



We want to hear from you tonight

- Which road design is best for the community
- Share your feedback and thoughts

Short project survey

<https://publicinput.com/16thaveswsurvey>



Title VI Survey



16th Avenue SW Pedestrian
Improvement Community Meeting
Title VI Form July 24, 2024



Use the QR Code to participate or visit
<https://forms.office.com/g/75HrgGZLyM>



Questions

Thank you!