



**APPENDIX A:**

**DIGITAL WALK AUDITS -  
ONLINE SURVEY AND  
WEBMAP**

# Appendix A: Digital Walk Audits - Online Survey and Webmap

Due to COVID-19, the walk audits were limited to a small group of project team members and school stakeholders, and were not open to students, families, or the broader community. The Project Team designed a bilingual, interactive survey and web-map so that entire school communities could participate in digital “walk audits.” The survey questions were customized for different user groups including:

- Students
- Parents or guardians
- Teachers, administrators, or school staff
- Neighbors (people who live near a San Pablo school)
- Other interested San Pablo residents

During the survey, respondents selected their school, answered questions about their travel experience to and from school, and provided input about what might support them to walk, bicycle, or roll to school more often. Using the web-map tool, respondents chose a location, provided feedback on the infrastructure conditions at that location, and could upload a photograph of any key issues they observed.

The digital engagement tool was distributed via email, social media, school newsletters, direct mailers, flyers, posters, and the City’s website. The tool was also advertised during meetings with key stakeholder groups, such as with principals and Beacon Directors. The tool was live for six (6) months, from March to August 2021. To reach more students and families, the Project Team conducted on-the-ground surveying using digital tablets during a vaccination clinic held at Helms Middle School on June 10, 2021. In total, the Project Team received 316 responses from school community members across the ten (10) schools.

This Appendix provides the list of customized survey questions and a summary of all survey responses.

# Survey Design

The following provides the full list of customized survey questions.

Figure A1: Survey questions landing page

## Welcome to the Online Map for the San Pablo Safe Routes to School Master Plan

**A** Español

**What is the San Pablo Safe Routes to School Master Plan?**

This is a project to make it safer and easier to walk, bike and roll to school in San Pablo. To get more information, visit [SanPabloCA.gov](http://SanPabloCA.gov).

**What is this survey for?**

We need your ideas about how to make it safer to walk and bicycle to and from school. At the end of the survey, you can upload photos to show us about walking and biking near schools in San Pablo. To learn how we will use your feedback, [tap here](#).

**Complete this survey for a chance to win a \$50 gift card.** This survey takes just 5-10 minutes to complete.

To get started, choose the statement that best describes you:

I am a student.
Start Survey →

I am a parent or guardian of a student.

I am a teacher, administrator, or school staff member.

I am a neighbor near a San Pablo school.

I live in San Pablo and am interested in this project.

Other

All questions in this survey are confidential and optional. However, your email will be required for a chance to win a \$50 gift card.

This project was made possible by Measure J (sales tax) funding from the Contra Costa Transportation Authority (CCTA).

Figure A2: Questions were customized for different user types

### Questions for Students

Answer the questions below, then tap "Next" to continue.

**Which school do you go to? Choose one.** -- Choose one (Elige uno) --

**When you go to school in person (before the pandemic), how do you get to or from school most days? Choose all that are true.**

<input type="checkbox"/> I walk by myself	<input type="checkbox"/> I take the bus
<input type="checkbox"/> I walk in a group	<input type="checkbox"/> I drive myself
<input type="checkbox"/> I ride a bike	<input type="checkbox"/> My family drives me
<input type="checkbox"/> I "roll" (scooter, skateboard, or rollerblade)	<input type="checkbox"/> I carpool with other families or friends
<input type="checkbox"/> Some other way <input style="width: 100px;" type="text" value="Tell us how"/>	

**If you could pick any way to get to or from school, what would you choose? Choose as many as you like.**

<input type="checkbox"/> Walk by myself	<input type="checkbox"/> Take the bus
<input type="checkbox"/> Walk with other people	<input type="checkbox"/> Drive myself
<input type="checkbox"/> Ride a bike	<input type="checkbox"/> Drive with my family
<input type="checkbox"/> Scooter, skateboard, or rollerblade	<input type="checkbox"/> Carpool with other families or friends
<input type="checkbox"/> Some other way <input style="width: 100px;" type="text" value="Tell us how"/>	

**I would walk, bike, or roll to school more if... Choose as many as you like.**

- ...sidewalks weren't broken, narrow, or missing
- ...there were fewer things blocking the sidewalks, like recycling bins
- ...there were safer ways to bike or roll to school
- ...I owned a bike, scooter, or skateboard



Figure A4: Users could zoom to their location, or select their school from a menu of options. Users selected a topic (for example, sidewalks) and dropped a point on the map to leave a comment.

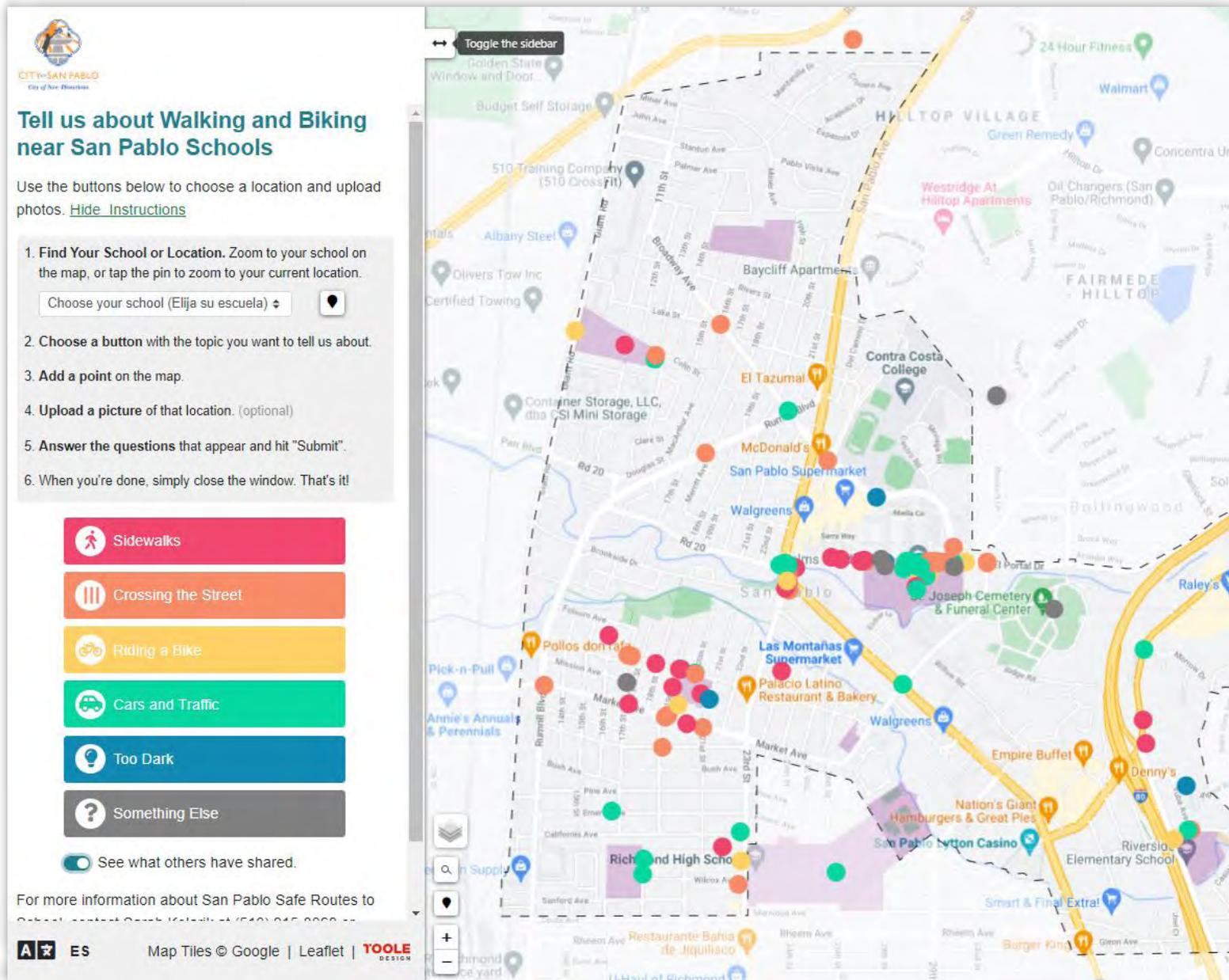


Figure A5: Once users dropped a point on the map, they were prompted to make a comment, answer additional questions, and upload a photo. The walk-audit tool was provided in English and Spanish

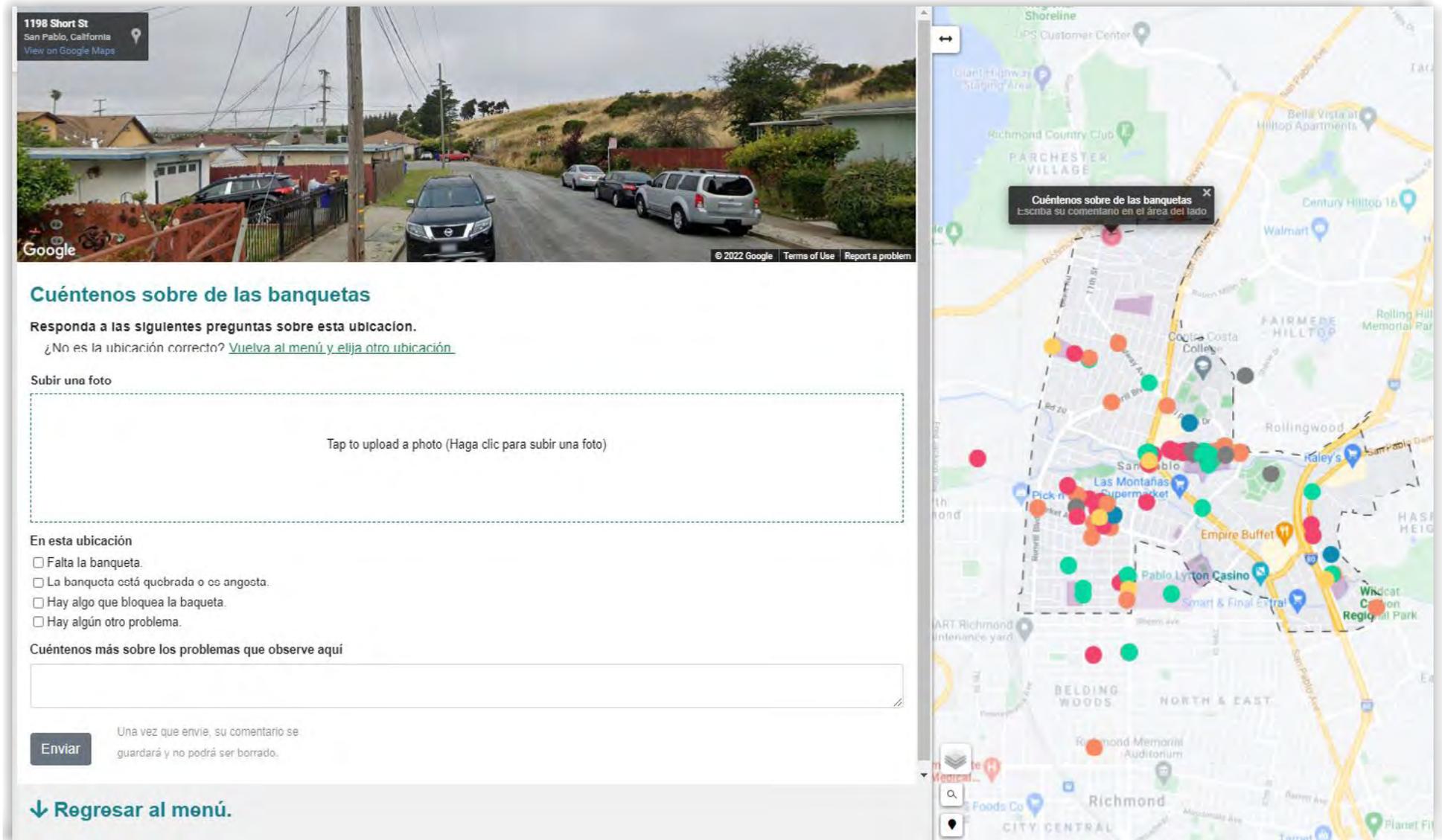


Figure A6: An extract from the Spanish web-map tool that shows all the points added by users.



**CITY-SAN PABLO**  
City of San Pablo

## Cuéntenos sobre cómo es caminar y andar en bicicleta cerca de las escuelas de San Pablo

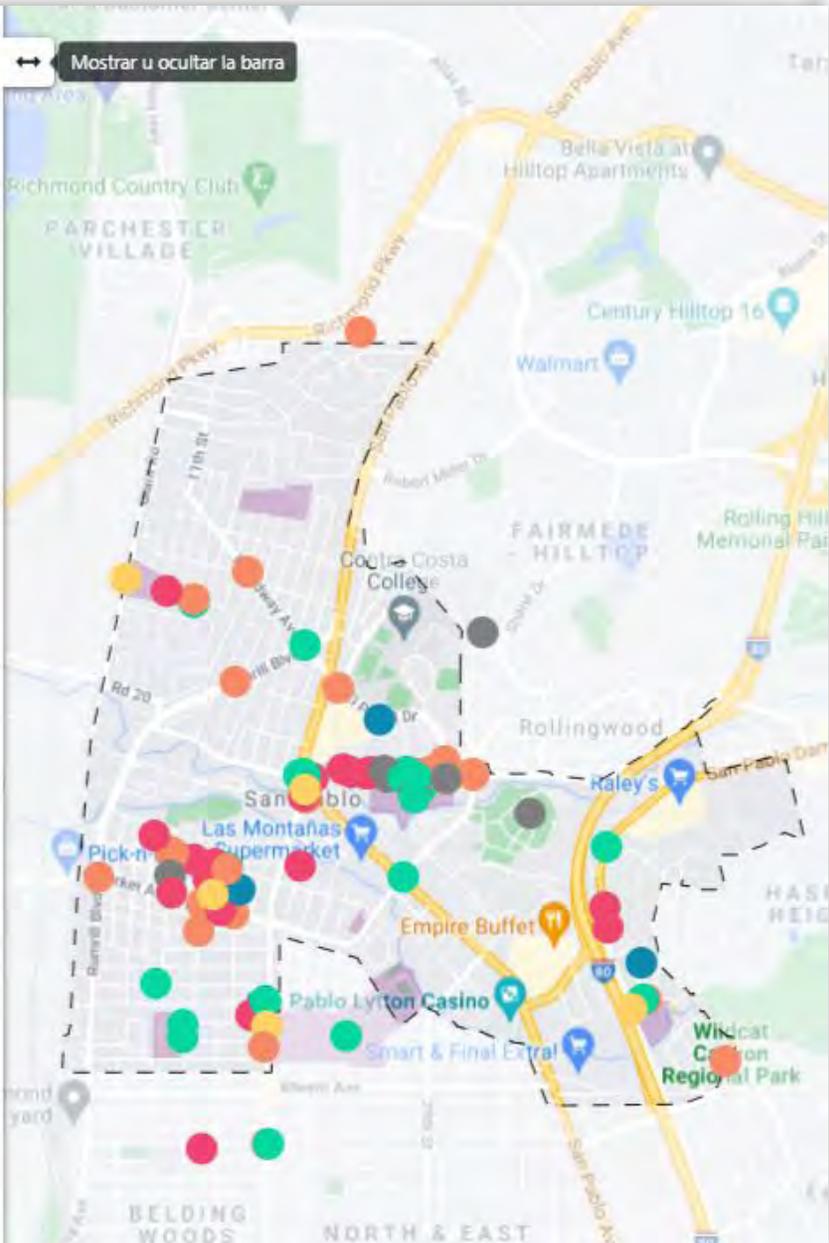
Utilice los botones de abajo para elegir una ubicación y subir fotos. [Mostrar Instrucciones](#)

-  Banquetas
-  Cruzar la calle
-  Ir en bicicleta
-  Carros y tráfico
-  Demasiado oscuro
-  Algo más

Vea lo que otros han dicho.

Para más información sobre las Rutas Seguras a la Escuela de San Pablo, póngase en contacto con Sarah Kolarik en el teléfono (510) 215-3068 o en [SarahK@SanPabloCA.gov](mailto:SarahK@SanPabloCA.gov)

Mostrar u ocultar la barra



# Survey Results

The following provides a summary of all survey responses.

## User and School Attendance Questions

Choose the statement that best describes you	Count	Percentage
I am a neighbor near a San Pablo school.	24	8%
I am a parent or guardian of a student.	62	20%
I am a student.	156	49%
I am a teacher, administrator, or school staff member.	31	10%
I live in San Pablo and am interested in this project.	14	4%
Other	29	9%

n = 316 respondents

School	Which school do you go to?		Which school does your child go to?		At which school do you work?		Which schools are in your neighborhood		All	
	Students		Parents		Staff		Neighbors		Total	Total Percentage
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage		
Bayview Elementary	0	0%	1	2%	1	4%	0	0%	2	1%
Dover Elementary	2	4%	9	15%	1	4%	5	15%	17	10%
E. M. Downer Elementary	0	0%	6	10%	3	12%	5	15%	14	8%
Lake Elementary	0	0%	18	30%	0	0%	1	3%	19	11%
Riverside Elementary	0	0%	2	3%	0	0%	4	12%	6	4%
Helms Middle	44	88%	4	7%	15	60%	5	15%	68	40%
Middle College High	1	2%	6	10%	0	0%	5	15%	12	7%
Richmond High	0	0%	7	11%	0	0%	6	18%	13	8%
St. Paul School	0	0%	0	0%	0	0%	1	3%	1	1%
Salesian College Preparatory	1	2%	1	2%	4	16%	1	3%	7	4%
Some other school	2	4%	7	11%	1	4%	1	3%	11	6%
<b>Total</b>	<b>50</b>	<b>100%</b>	<b>61</b>	<b>100%</b>	<b>25</b>	<b>100%</b>	<b>34</b>	<b>100%</b>	<b>170</b>	<b>100%</b>

## Demographic Questions

The following questions were not asked of students.

How old are you?	Count	Percentage
18 to 34	28	25%
35 to 49	60	53%
50 to 64	15	13%
65 or older	5	4%
Prefer not to say	2	2%
Under 18	3	3%

*n = 113 respondents*

What races or ethnicities do you identify with?	Count	Percentage*
African American or Black	8	6%
Asian or Pacific Islander	18	14%
Latinx or Hispanic	69	54%
Native American or Alaskan Native	2	2%
White or Caucasian	21	16%
Prefer not to say	10	8%

*\* Percent of respondents that answered the question. Respondents could select more than one identity.*

*n= 119*

What is your gender identity?	Count	Percentage
Female	88	77%
Gender nonconforming or nonbinary	1	1%
Male	23	20%
Prefer not to say	2	2%

*n = 114 respondents*

## Student Questions and Responses

When you go to school in person (before the pandemic), how do you get to or from school most days?	Count	Percent*
My family drives me	93	58%
I walk by myself	43	27%
I take the bus	11	7%
I carpool with other families or friends	7	4%
I ride a bike	4	2%
I drive myself	1	1%
I walk with other people	0	0%
I scooter, skateboard, or rollerblade	0	0%
Some other way [ Tell us how ]	2	1%

\* Percent of respondents that answered the question

n= 119 respondents

If you could pick any way to get to or from school, what would you choose?	Count	Percent*
Drive with my family	73	41%
Walk with other people	36	20%
Walk by myself	33	18%
Ride a bike	16	9%
Take the bus	13	7%
Carpool with other families or friends	5	3%
Drive myself	2	1%
Scooter, skateboard, or rollerblade	0	0%
Some other way [ Tell us how ]	1	1%

\* Percent of respondents that answered the question

n= 115 respondents

## Student Questions and Responses Continued

I would walk, bike, or roll to school more if...	Count
...I lived closer to school	38
...it was safer to cross the street	32
...my parents let me	31
...I could go with my friends	28
...drivers would go slower	24
...drivers would stop when I'm trying to cross the street	23
...sidewalks weren't broken, narrow, or missing	19
...I owned a bike, scooter, or skateboard	16
...there were fewer things blocking the sidewalks, like recycling bins	14
...it was less dark in the winter or at night	4
...there were safer ways to bike or roll to school	0
Some other reason [Tell us more]	8

*n= 112 respondents*

## Parent Questions and Responses

When I <u>drive</u> my child(ren) to or from school...	Count	Percentage*
I go directly to or from home	43	62%
I go directly to or from work	15	22%
Drop off or pick up children at other schools	5	7%
I pick up or drop off children at after school programs	4	6%
Somewhere else	2	3%

\* Percent of respondents that answered the question

n= 48 respondents

How do your children get to or from school most days (before the pandemic)?	Count	Percentage*
An adult in our household drives	30	43%
Walk with others	19	28%
Walk alone	5	7%
Take the bus	5	7%
Ride a bike	3	4%
Scooter, skateboard, or rollerblade	2	3%
Carpool with other families or friends	2	3%
Drive themselves	0	0%
Some other way	3	4%

\* Percent of respondents that answered the question

n= 50 respondents

## Parent Questions and Responses Continued

Which of the following issues do you see when you pick up or drop off your children from school?	Count
Heavy and congested traffic	33
Drivers disobeying rules of the road	28
Drivers going too fast	27
Pick-up/drop-off zones are crowded and slow	26
Hard to find parking	24
Unsafe conditions for children walking	21
Pick-up/drop-off zones are unclear	16
Confusing directions or signage	2

*n= 60 respondents*

I would allow or encourage my child to walk or bike to school more if...	Count
...drivers would go slower	35
...drivers would stop when children cross the street	28
...there were safer or more convenient ways to cross the street	26
...sidewalks weren't broken, narrow, or missing	21
...there were fewer things blocking the sidewalks, like recycling bins or parked cars	18
...there were safer ways to bike to school	19
...we lived closer to school	11
...it was less dark in the winter or at night	11
...students walked or biked to school in a group	9
...we owned a bike, scooter, or skateboard	7

*n= 50 respondents*

## Staff Questions and Responses

How do you get to or from school most days? (Select all that apply)	Count	Percentage*
Drive myself	22	73%
Walk by myself	4	13%
Ride a bike	1	3%
Take the bus or other public transit	1	3%
Someone else drives me	1	3%
Walk with others	0	0%
Scooter, skateboard, or rollerblade	0	0%
Carpool	0	0%
Some other way	1	3%

*n= 25 respondents*

Students and families at my school might walk, bike, or roll to school more if... (Select all that apply)	Count
...it was safer in general	14
...they lived closer to school	13
...there were safer ways to bike to school	11
...students walked or biked to school in a group	10
...sidewalks weren't broken, narrow, or missing	8
...they owned bikes, scooters, or skateboards	8
...there were safer or more convenient ways to cross the street	8
...there were fewer things blocking the sidewalks, like recycling bins or parked cars	6
...drivers would go slower	6
...it was less dark in the winter or at night	6
...drivers would stop when students cross the street	0
Some other reason	3

*n= 25 respondents*

## Staff Questions and Responses Continued

Which of the following issues do you see during pick up and drop off at your school? (Select all that apply)	Count
Heavy and congested traffic	21
Hard to find parking	15
Drivers disobeying rules of the road	10
Drivers going too fast	9
Unsafe conditions for children biking	8
Unsafe conditions for children walking	6
Confusing directions or signage	3
Pick-up/drop-off zones are unclear	0
Pick-up/drop-off zones are crowded and slow	0
Nothing	0
Something else	2

*n= 25 respondents*

## Neighbor Questions and Responses

How do you usually travel when getting around your neighborhood?	Count	Percentage*
Drive	23	43%
Walk	19	36%
Ride a bike	5	9%
Take the bus	3	6%
Taxi or ride share	2	4%
Scooter, skateboard, or rollerblade	1	2%
Carpool	0	0%
Some other way	0	0%

\* Percent of respondents that answered the question

n= 28 respondents

Which of the following issues do you see in your neighborhood?	Count
Drivers go too fast in my neighborhood	19
Sidewalks are broken, narrow, or missing	15
There aren't enough safe places to ride a bike	16
Sidewalks are blocked by obstacles, like recycling bins or parked cars	12
Drivers don't stop when people cross the street	12
It's too dark in the winter or at night	12
There is a lot of school-related traffic	7
There is a lot of cut-through traffic	7
It doesn't feel safe	7
There aren't enough convenient and safe places to cross the street	6
The places people want to go are too far away	3
Some other issue	3

n= 29 respondents

## Photo Responses

Using the digital walk audit tool, school community members uploaded photographs of issues they observed near their schools.

### Dover Elementary



**Location:** Northeast corner of Market Avenue and 17th Street

**Issue:** There's some other issue here.

**Comment:** Market/17th Ave non-skid is on every corner except this one.



**Location:** Intersection of Sutter Avenue and 21st Street

**Issue:** I don't feel safe crossing the street here

**Comment:** 21st and Sutter (1 block from school) needs crosswalk markings

### E.M. Downer Elementary

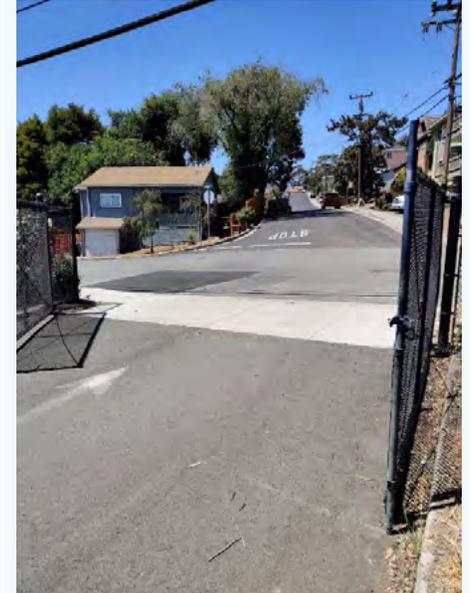


**Location:** Coalinga Avenue between 19<sup>th</sup> Street and 20<sup>th</sup> Street (In Richmond)

**Issue:** There is something blocking the sidewalk.

**Comment:** N/A

### Riverside Elementary

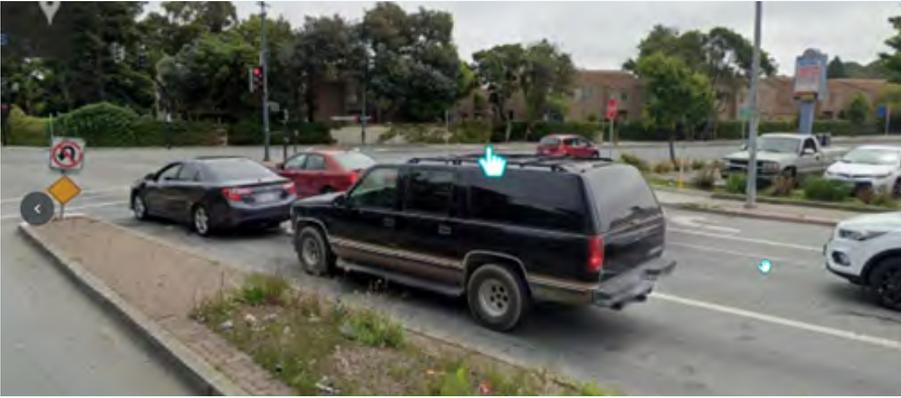


**Location:** Riverside Avenue and Yuba Avenue

**Issue:** I don't feel safe crossing the street here.

**Comment:** Yuba Street needs crosswalk markings

## Helms Middle School



**Location:** Intersection of Road 20 and San Pablo Avenue

**Issue:** Drivers don't stop for people crossing the street.

**Comment:** Sometimes drivers won't stop



**Location:** Road 20 facing west

**Issue:** Drivers don't stop for people crossing the street.

**Comment:** Drivers get impatient when there are a lot of students crossing the street to and from Helms, sometimes the drivers proceed through the crosswalk before it's clear of students entering the crosswalk from the other side of the street.