



# Chestnut Walnut Repaving & Complete Streets Safety Project

## Public Engagement Summary

2.4.22

OFFICE OF   
**TRANSPORTATION,  
INFRASTRUCTURE  
& SUSTAINABILITY**

# Project Overview

Chestnut Street will be repaved in 2022. Walnut Street will be repaved in 2023. Both projects have committed PA state funding.

Repaving projects are a chance to improve how the roadways works for all users.



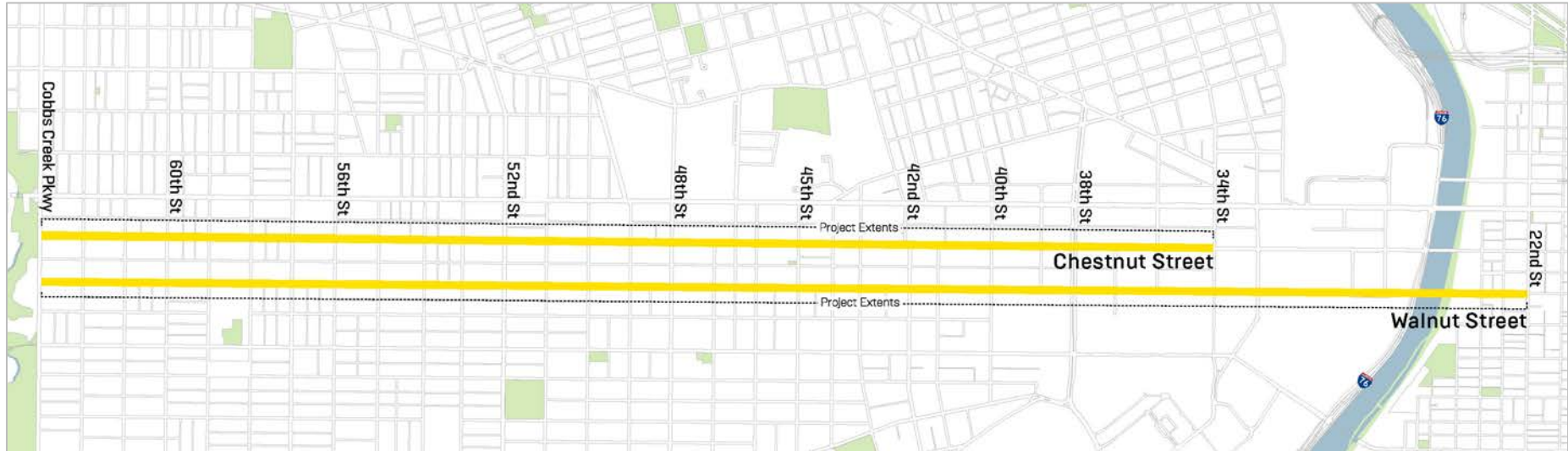


# Project Goal: Improving Chestnut and Walnut For All

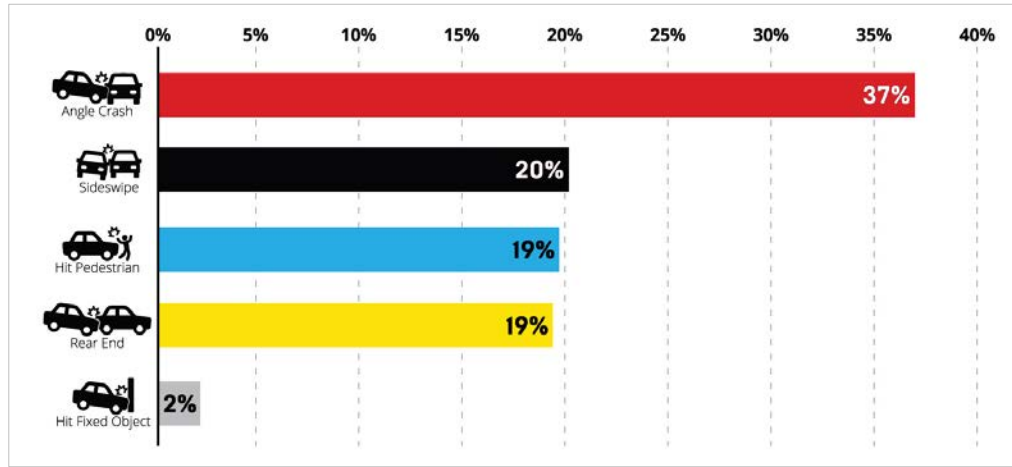
- Create a smoother street
- Calm traffic by decreasing weaving, speeding, and aggressive driving
- Create safer and shorter pedestrian crossings
- Improve parking and loading operations
- Reduce illegal parking, such as double parking
- Increase safety for people bicycling by separating them from moving traffic
- Preserve space for trucks and buses to turn
- Design travel lanes that match the changing corridor

# Where are changes happening?

**Chestnut Street** is scheduled for repaving in 2022 between 63<sup>rd</sup> Street/Cobbs Creek Parkway and 34<sup>th</sup> Street.  
**Walnut Street** is scheduled for repaving in 2023 between 63<sup>rd</sup> Street/Cobbs Creek Parkway and 22<sup>nd</sup> Street.



## Crash History (2016 - 2020)\*



There were **643 crashes** on Chestnut and Walnut Streets between 2016 and 2020.

**89%** of crashes on Chestnut and Walnut Streets were due to **Aggressive Driving**.

**137 people walking** were hit by motor vehicles on Chestnut and Walnut Streets between 2016 and 2020.

Almost **30%** of people walking hit by vehicles were **under 18 years old or over 65 years old**.

**Crashes killed three (3) people.** Aggressive Driving killed two (2) of those people.

\*Crash analysis for Walnut Street from Cobbs Creek Parkway to 22nd Street. Crash analysis for Chestnut Street from Cobbs Creek Parkway to 34th Street.



# Project Steps to Date

## Information Sharing

- On-line Civic Meetings (April - June 2021)
- Door to door flyering in residential areas (June/July 2021)
- Posters along the corridor (June/July 2021)

## Traffic Analyses

- Chestnut & Walnut full-corridor traffic analysis (2020, 2021)

## Public Input

- Public open houses (June, July 2021)
- Corner meetings (July, September, October 2021)
- On-line public survey (Summer & Fall 2021)
- In-paper survey mailing to addresses along the corridor (June 2021)
- Community Events & In-Person Outreach (Summer/Fall 2021)
- Door-knocking along Chestnut Street (September & October 2021)

## Parking & Loading Survey

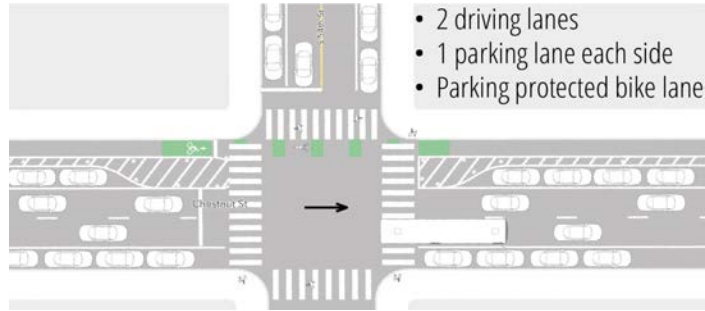
- Business loading survey (ongoing)



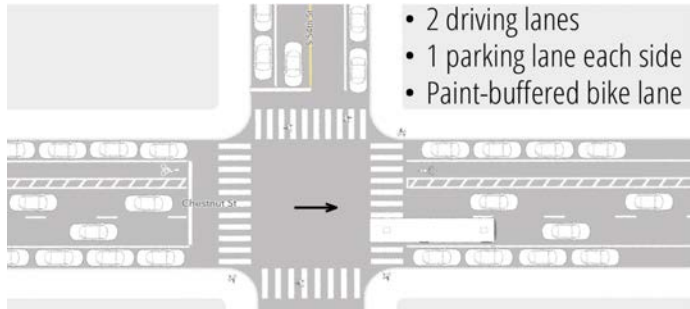
# Roadway Layout Options

# Chestnut Street Options

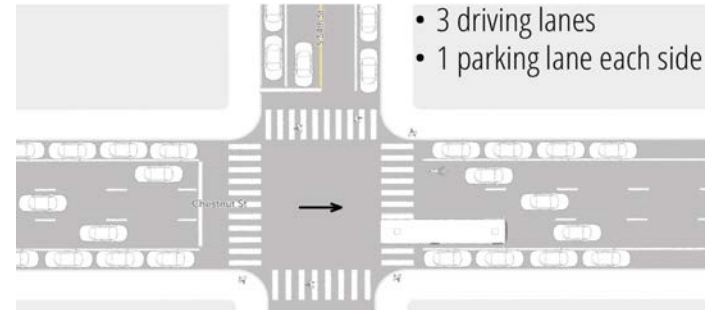
## (45TH-34TH) Leave As Is



## (63RD-45TH) Option 2: Road Diet & Paint Buffered Bike Lane Layout



## (63RD-45TH) Option 1: Existing Layout



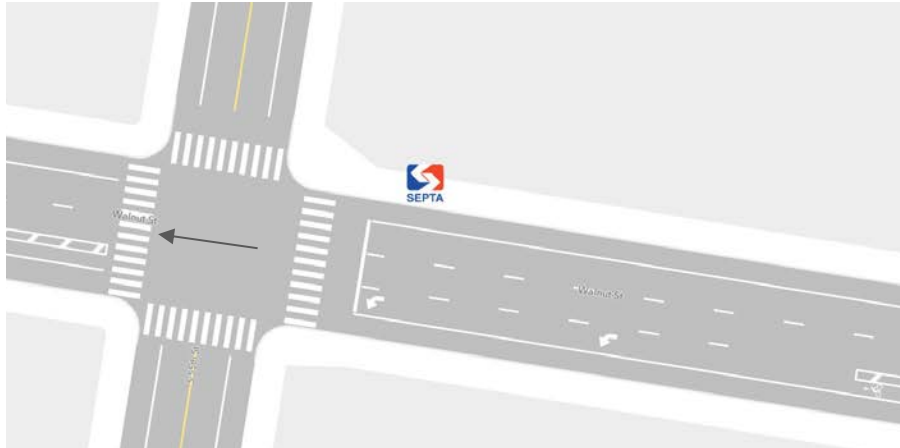
## (63RD-45TH) Option 3: Road Diet & Parking Protected Bike Lane Layout





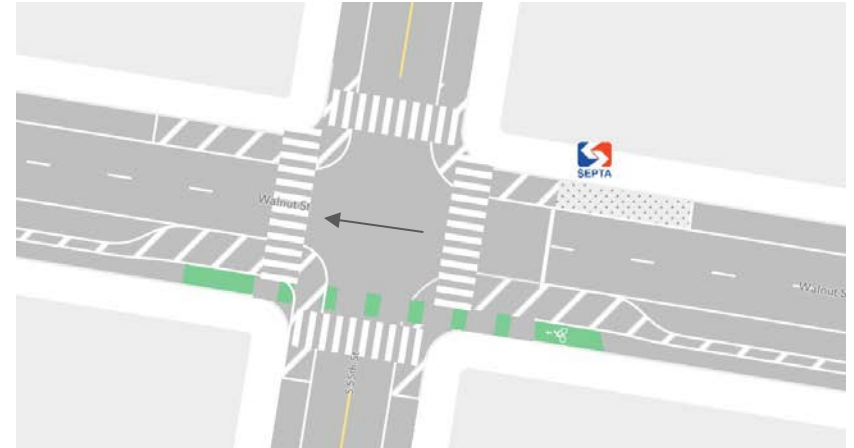
# Walnut Street Options

## (22ND-63RD) Option 1: Existing Layout



- 2 driving lanes
- Long turn lane at every intersection w L turn
- Parking on each side

## (22ND-63RD) Option 2: Parking Protected Bike Lane Layout



- 2 driving lanes
- Minimal turn lanes
- Intersection painted bump outs
- Parking on each side
- Parking protected bike lane



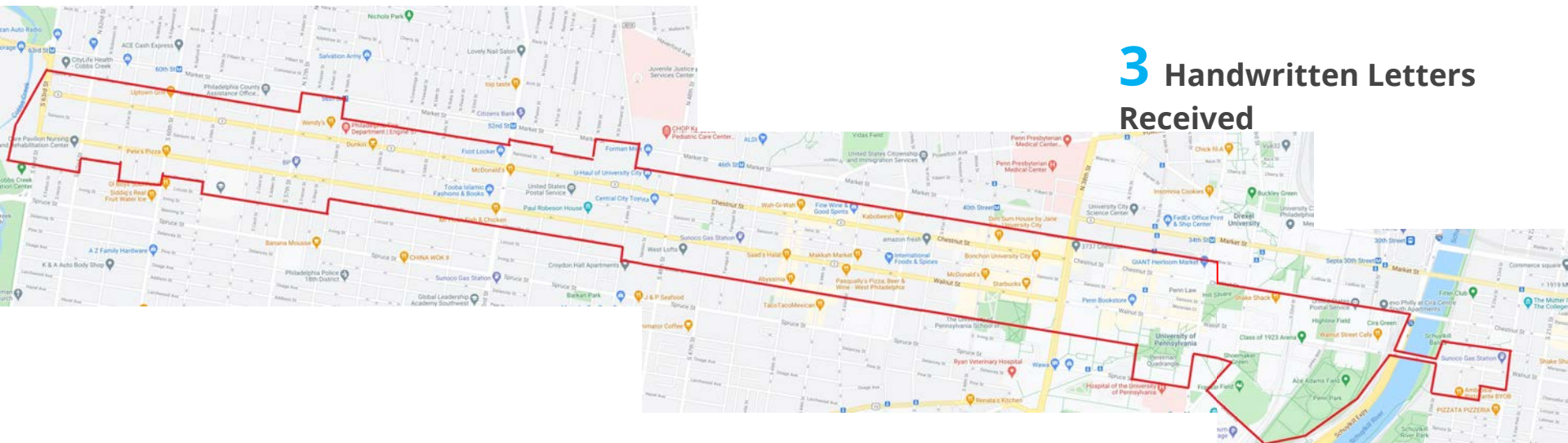
# Engagement Methods



# Print Survey Outreach & Correspondence

**3492** Surveys Mailed  
to near neighbors along  
the 6-mile corridor

**3** Handwritten Letters  
Received





# Print Outreach

**25** locations with informational posters  
with QR Codes to project website



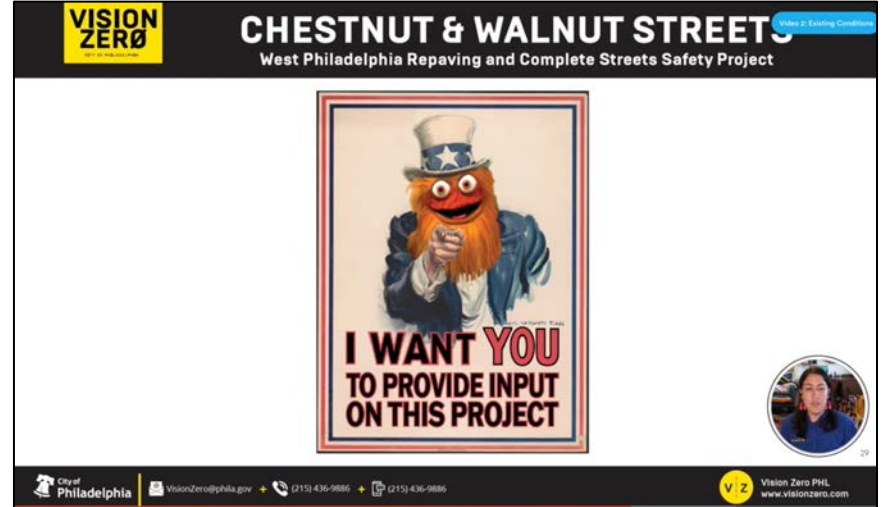


## Explanatory Videos

OTIS recorded a series of short videos explaining the project, its goals, and each design option.

**3** short videos:

- Project Overview (3 min)
- Existing Conditions (5 min)
- Future Options (7 min)



**1,147** combined views, with an average of **382 unique views per video**.

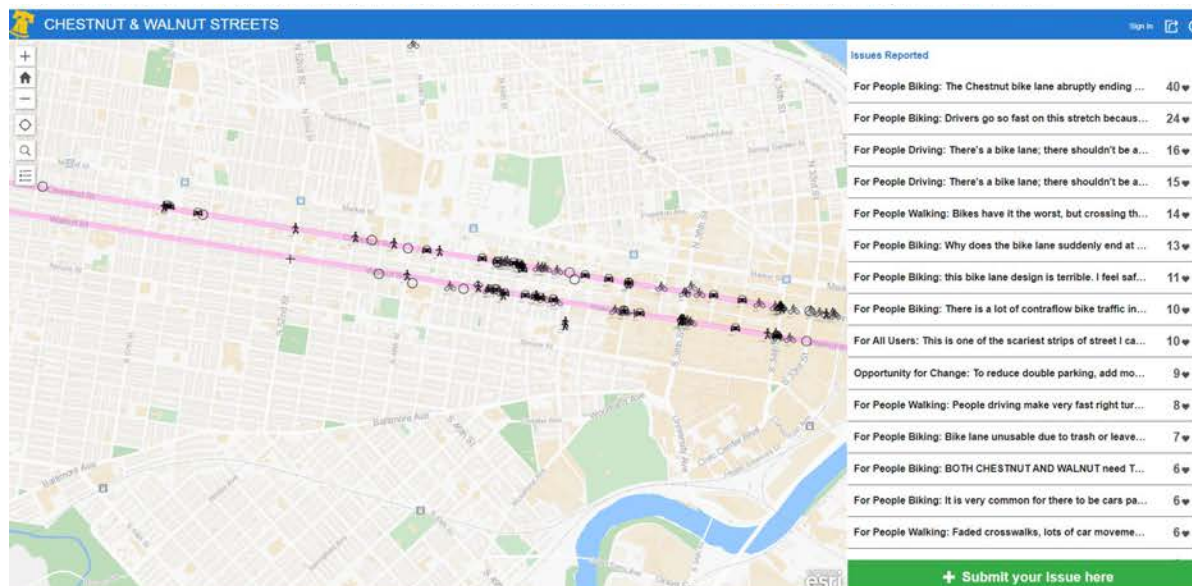
All three videos can still be viewed online at: <https://bit.ly/cwphl-videos>



# Interactive Web Map



136 map issue responses





# Public Survey Results

# Public Survey Responses



**1,763** total survey responses



**1,569** online survey responses (89% of total)



**194** paper survey responses (11% of total)



**69%** of all respondents report living in a target neighborhood



**top 5** neighborhoods were target neighborhoods



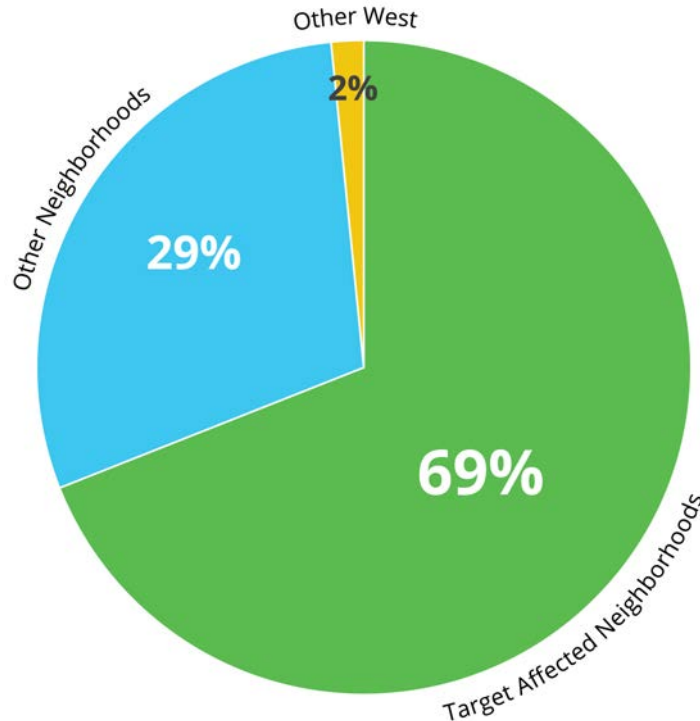
# Three Words for Chestnut & Walnut Streets

Public Survey Respondents  
said the streets were:

- Busy
- Dangerous
- Fast
- Traffic
- Speeding
- Cars
- Unsafe
- Congested

stressful central trees timed speedway hilly Busy crowded mess congestion travel  
highway hot trash restaurants driving better pedestrians convenient lanes  
long Wide fast people aggressive important biking Home bumpy  
unpredictable loud essential fast dangerous busy loud streets  
vital construction arterial chaotic corridors wide Stopped  
potholes aggressive drivers congested big cars road  
traffic Chestnut dangerous safe Busy confusing  
fast commercial speeding direct unsafe litter  
bike lanes Penn Crowded University scary major  
shopping bustling dirty narrow double parking students  
parking danger drivers accidents double-parking parked cars  
fast cars weaving buses Main artery vehicles many cars going  
one-way Reckless hectic noisy thoroughfare chaos businesses beautiful  
Potential food crazy lights Need unfriendly slow many

# Survey Responses by Geography

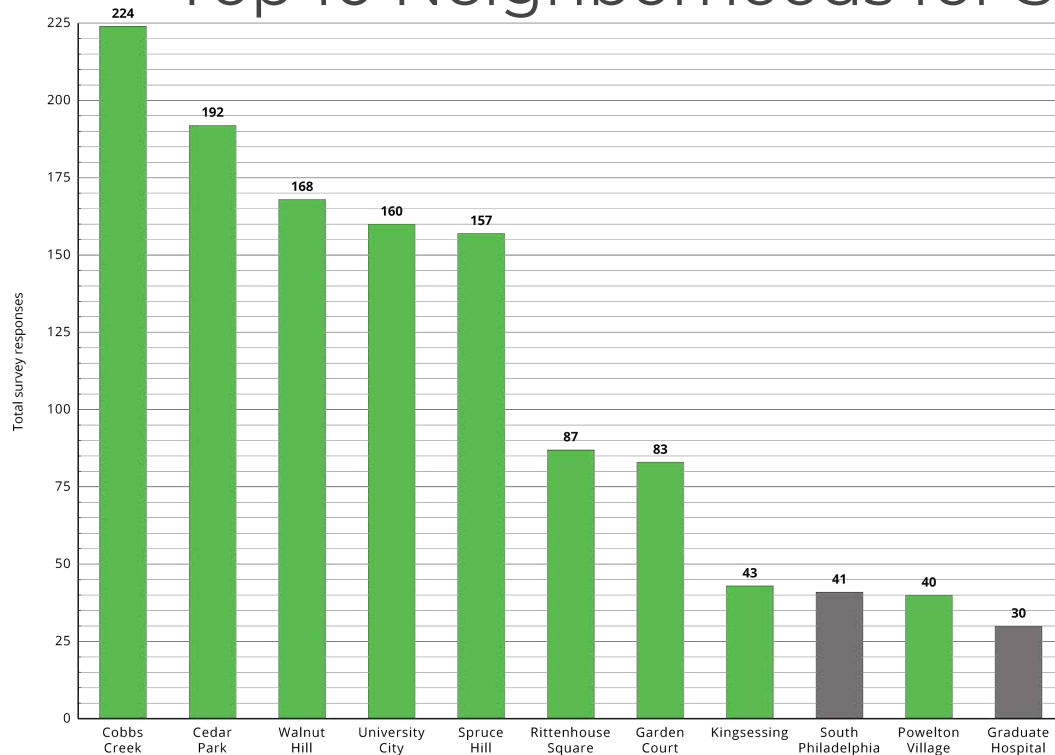


**91%** of people who completed the survey provided their neighborhood.

**69%** of people who provided a neighborhood self-identified as **members of one of the target affected neighborhoods, where Chestnut and Walnut are within or near the neighborhood.**

**2%** of people who provided a neighborhood self-identified as a resident of a different neighborhood in West Philadelphia or just wrote "West Philadelphia."

# Top 10 Neighborhoods for Survey Responses

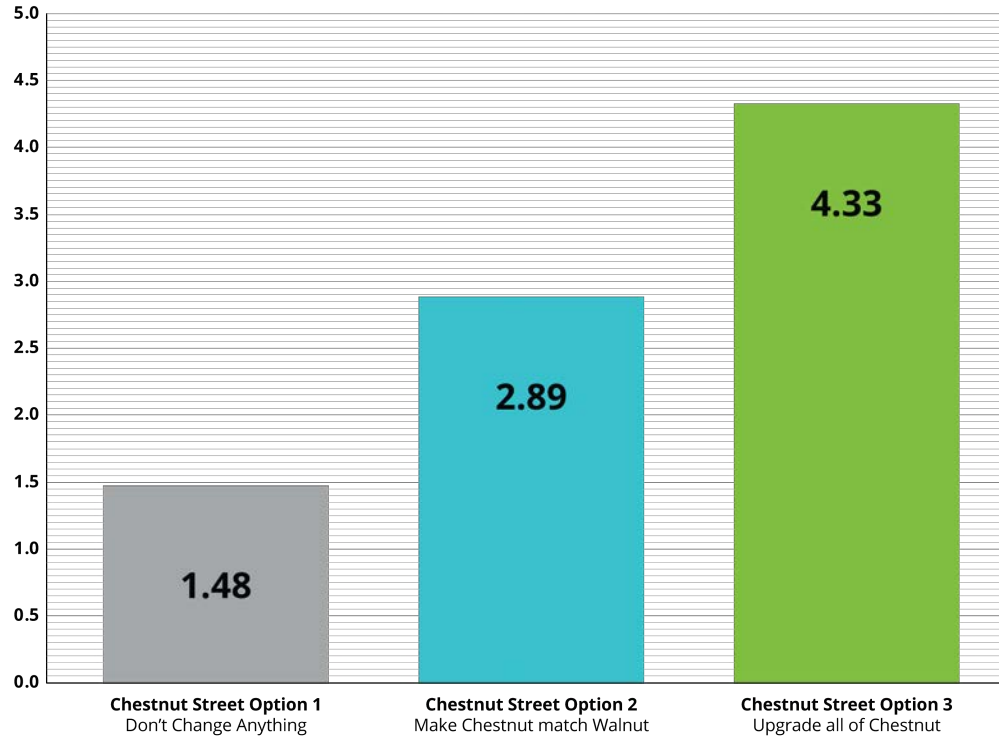


Looking at neighborhoods by number of responses, **eight (8) of the top ten (10) are target neighborhoods** along Chestnut and Walnut Streets.

**Target neighborhoods** include Cedar Park, Cobbs Creek, Garden Court, Haddington, Kingsessing, Mantua, Mill Creek, Overbrook, Powelton Village, Rittenhouse, Spruce Hill, University City, and Walnut Hill.

People who took the survey self-reported **78 unique neighborhoods, including areas outside the City**, like Upper Darby and Merion.

# Survey Results: Chestnut Street Options

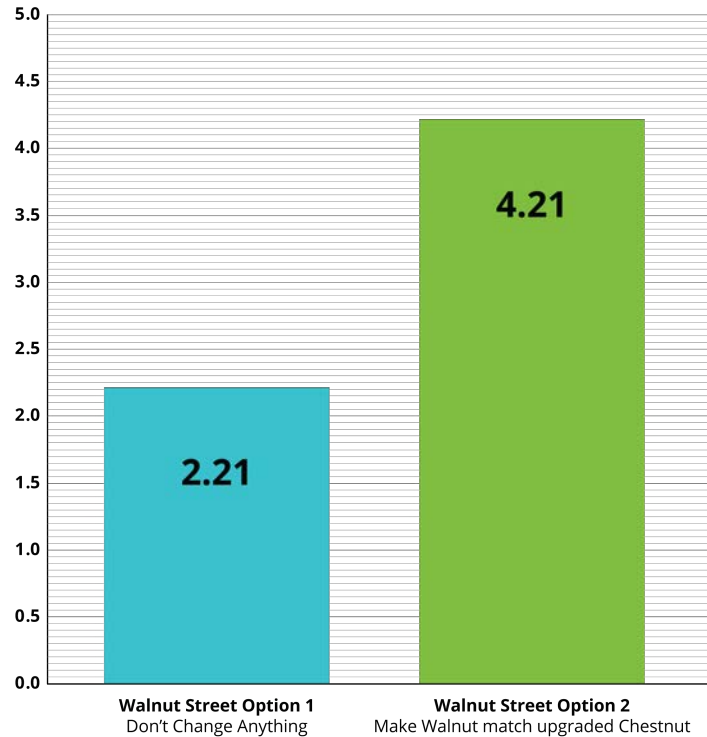


The chart at left shows the overall ratings for each of the three (3) Chestnut Street options:

- **Option 1: Existing Layout** received an overall rating of **1.48** out of 5 stars.
- **Option 2: Painted Bikeway Layout** received an overall rating of **2.89** out of 5 stars.
- **Option 3: Parking Protected Layout** received an overall rating of **4.33** out of 5 stars.

Note: Online surveys required a rating for each option, but paper surveys were sometimes returned without a rating for one or more options. Average ratings account only for surveys with a rating for a given option. 91.4% of all respondents provided a rating for Option 1, and 91.8% of all respondents provided ratings for Options 2 and 3.

# Survey Results: Walnut Street Options



The chart at left shows the overall ratings for each of the two (2) Walnut Street options:

- **Option 1: Existing Layout** received an overall rating of **2.21** out of 5 stars.
- **Option 2: Parking Protected Layout** received an overall rating of **4.21** out of 5 stars.

Note: Online surveys required a rating for each option, but paper surveys were sometimes returned without a rating for one or more options. Average ratings account only for surveys with a rating for a given option. 91.8% of all respondents provided a rating for Option 1, and 91.7% of all respondents provided a rating for Option 2.



# Next Steps



## Next Steps

- Legislation for Chestnut Street (63 – 45) moving forward in Winter 2022
- City staff working with stakeholders & partner agencies to finalize loading zone and parking layout for the Chestnut Street corridor
- Streets Department finalizing the design for Chestnut Street in Winter 2022
- PennDOT contractors to pave Chestnut Street in the 2022 paving season
- City staff will work with stakeholders on the layout and plans for Walnut Street in advance of 2023 paving



## Questions?

Visit the project website at

<https://www.phila.gov/programs/complete-streets/projects/chestnut-walnut-repaving-and-complete-street-safety-project/>

OR

email [otis@phila.gov](mailto:otis@phila.gov)