



Military Road South

5-WAY INTERSECTION STUDY

Military Road South 5-Way Intersection Study

ONLINE OPEN HOUSE FINAL REPORT

JUNE 9 – 30, 2021

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SUMMARY

The intersection at Military Road South, South 164th Street, and 42nd Avenue South connects several important destinations between SeaTac and Tukwila. Its configuration is complex due to five approaches to the intersection and there are observed safety issues. The intersection accommodates high traffic volumes during peak morning and evening hours, and future development in the area is expected to increase the demands for mobility through the intersection.

As part of the Military Road South 5-Way Intersection Study, the City of SeaTac hosted an online open house between June 9 and June 30, 2021 to gather feedback on which design alternatives participants like best for a reconfigured intersection.

When visiting the online open house, participants could:

- Learn more about the project need, benefits, and schedule.
- Learn more about the benefits and challenges of the design alternatives being considered.
- Give feedback on preferred design alternatives under consideration.
- Share demographic information to help determine the effectiveness of the City's outreach.
- Sign up for project email updates.

Promotions

The City used multiple methods to reach audiences and promote the online open house. The City sent a postcard advertising the online open house to 1,130 addresses within a quarter mile of the project area. The City also posted information about the online open house on the project webpage, social media, and via email to the City's listserv.

The following report captures data from survey respondents who visited the online open house.

METHODS

The online open house included seven questions related to design alternatives and respondent priorities, and four questions related to respondent demographics. All questions were optional. Not all respondents answered every question. Many questions allowed respondents to select more than one answer. Questions with more than one answer do not use percentage to calculate any total value or representation.

Use and Activity

460 individuals visited the online open house; of those, 138 individuals completed the survey. A complete report of web activity can be viewed on page 17.

KEY FINDINGS

Respondent Characteristics

About 30% of online open house visitors completed survey questions. Eighty-four percent (84%) of survey respondents who provided a ZIP code listed 98188, the ZIP code that surrounds the intersection at Military Road South, South 164th Street, and 42nd Avenue South.

The majority (70%) of respondents traveled through the intersection on a daily basis, and most travel through the intersection by car. Among participants who chose to identify their ethnicity/race, 69% identified as White and/or Caucasian alone. Ninety-one percent (91%) of respondents primarily speak English in their home. Most respondents were 30 years or older, with the largest represented age group being those 60 years or older (30%).

Preferences and Priorities

Of the three alternatives presented in the online open house, **61% of survey participants preferred *Alternative C: Converts signal to roundabout*** and selected the following as their top three reasons:

1. Improves traffic flow (85%)
2. Improves safety for motor vehicle drivers and passengers (59%)
3. Improves safety for pedestrians and bicyclists (45%)

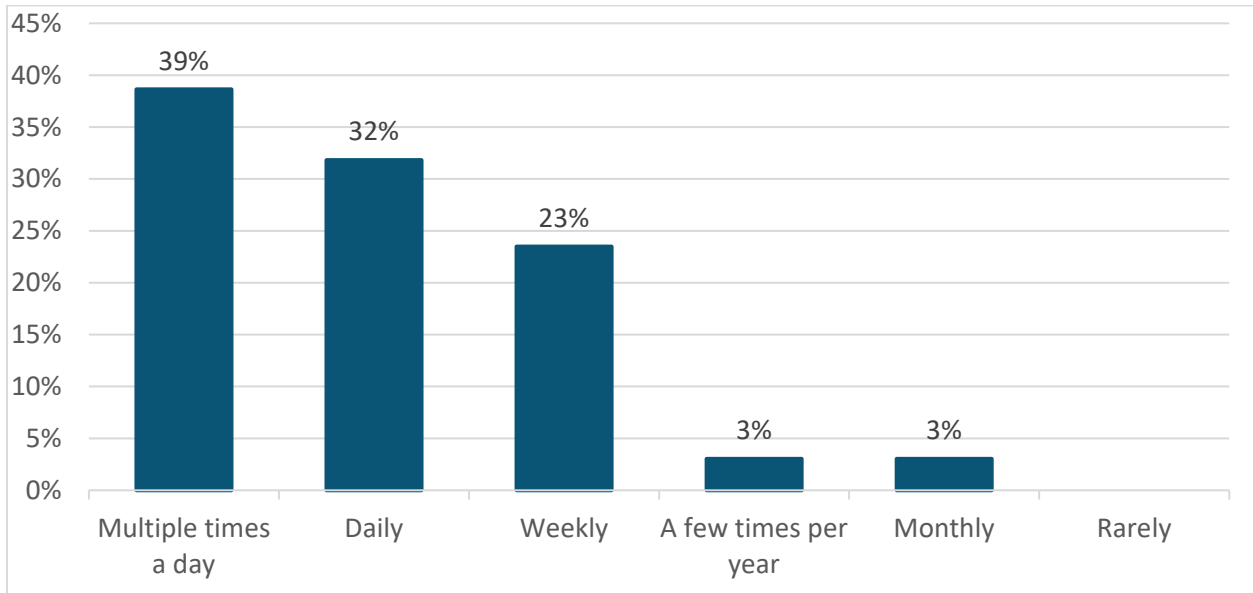
NEXT STEPS

Along with technical evaluations such as traffic, collision and signal timing data, the public input received from the online open house will assist the project team in narrowing the design options. The City of SeaTac is expected to begin design of the selected alternative in 2024.

SURVEY RESPONSES

Reporting note: Many questions allowed respondents to select more than one answer. This is reflected in the “Tally” for answers to these questions.

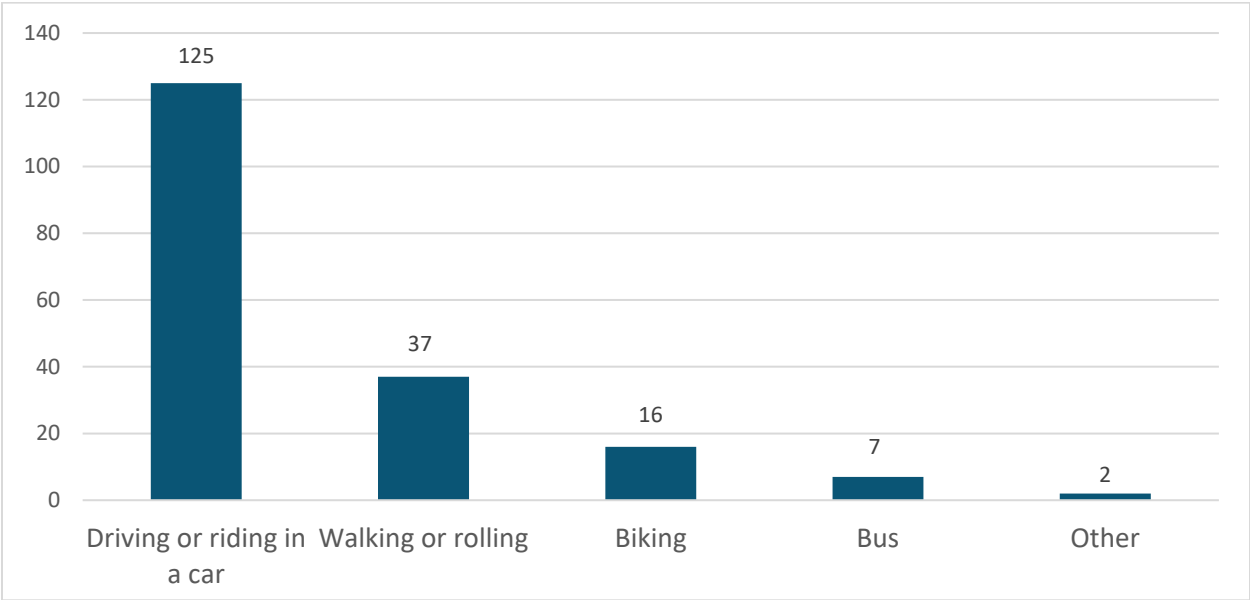
Question 1 | How frequently do you travel through the intersection at Military Road South, South 164th Street, and 42nd Avenue South?



| Answer | Percentage | Responses |
|----------------------|------------|-----------|
| Multiple times a day | 39% | 51 |
| Daily | 32% | 42 |
| Weekly | 23% | 31 |
| A few times per year | 3% | 4 |
| Monthly | 3% | 4 |
| Rarely | 0% | 0 |

Total respondents | 132

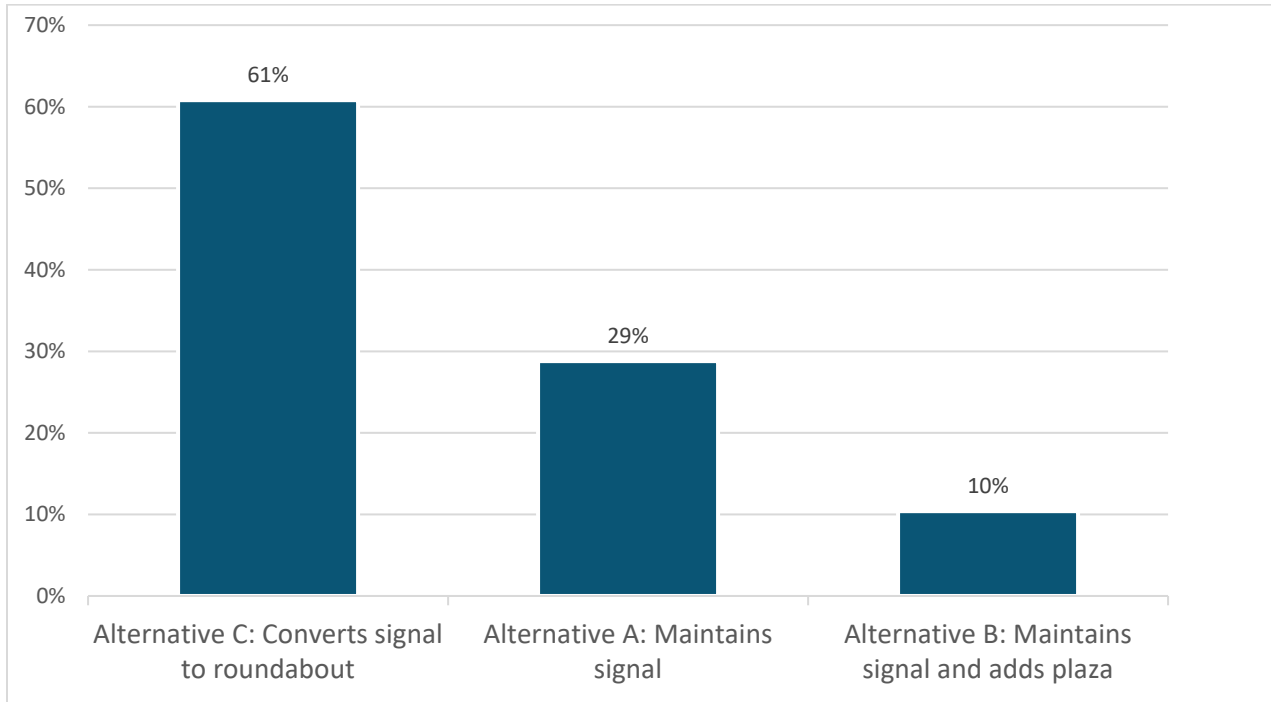
Question 2 | How do you travel through the intersection? (Select all that apply)



| Answer | Tally |
|----------------------------|-------|
| Driving or riding in a car | 125 |
| Walking or rolling | 37 |
| Biking | 16 |
| Bus | 7 |
| Other | 2 |

Total respondents | 130

Question 3 | Which of the three design alternatives do you *most* prefer?

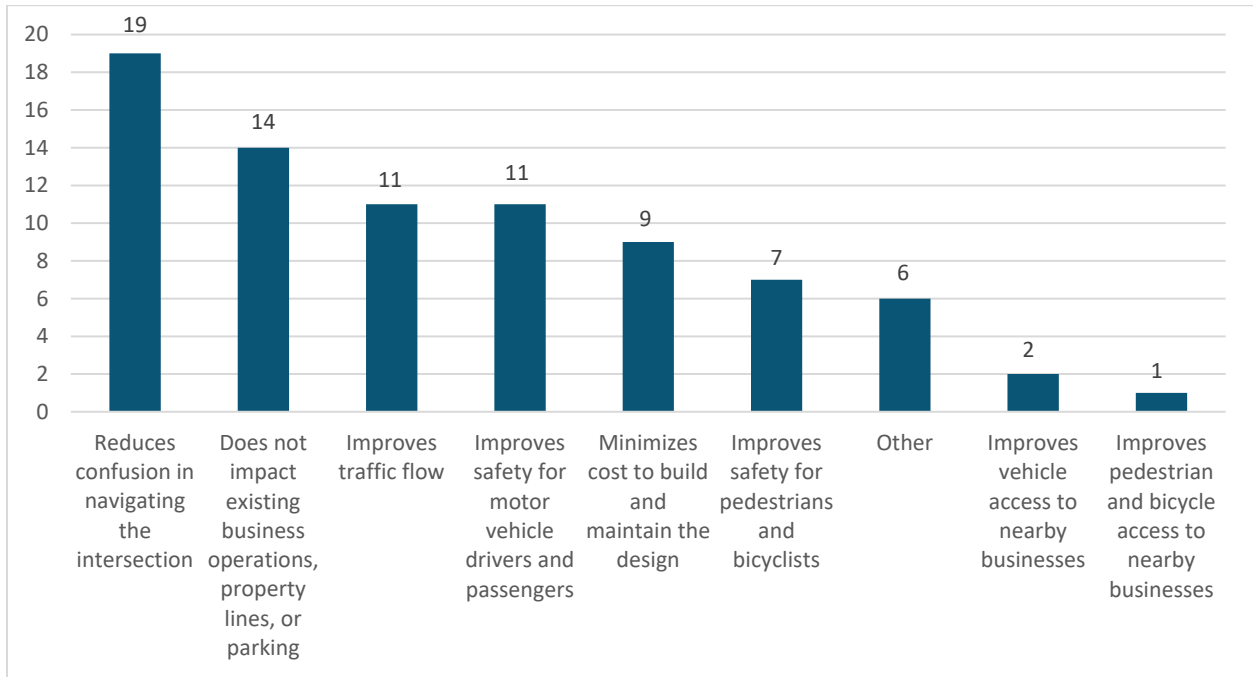


| Answer | Percentage | Responses |
|--|------------|-----------|
| Alternative C: Converts signal to roundabout | 61% | 76 |
| Alternative A: Maintains signal | 29% | 36 |
| Alternative B: Maintains signal and adds plaza | 10% | 13 |

Total respondents | 125

Question 4 | I prefer this alternative because it... (SELECT TOP 3)

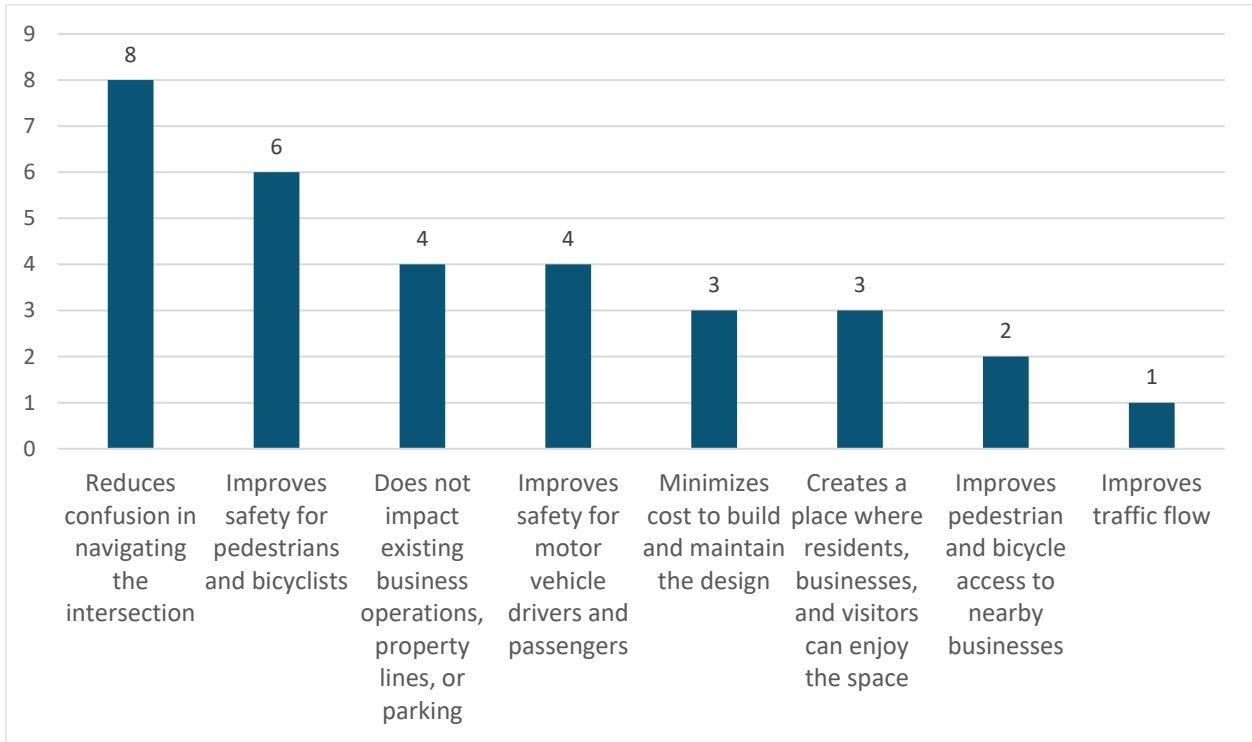
Alternative A



| Answers | Tally |
|---|-------|
| Reduces confusion in navigating the intersection | 19 |
| Does not impact existing business operations, property lines, or parking | 14 |
| Improves traffic flow | 11 |
| Improves safety for motor vehicle drivers and passengers | 11 |
| Minimizes cost to build and maintain the design | 9 |
| Improves safety for pedestrians and bicyclists | 7 |
| Other | 6 |
| Improves vehicle access to nearby businesses | 2 |
| Improves pedestrian and bicycle access to nearby businesses | 1 |
| Creates a space for fountain/sculpture/art feature | 0 |
| Creates a place where residents, businesses, and visitors can enjoy the space | 0 |

Total respondents | 34

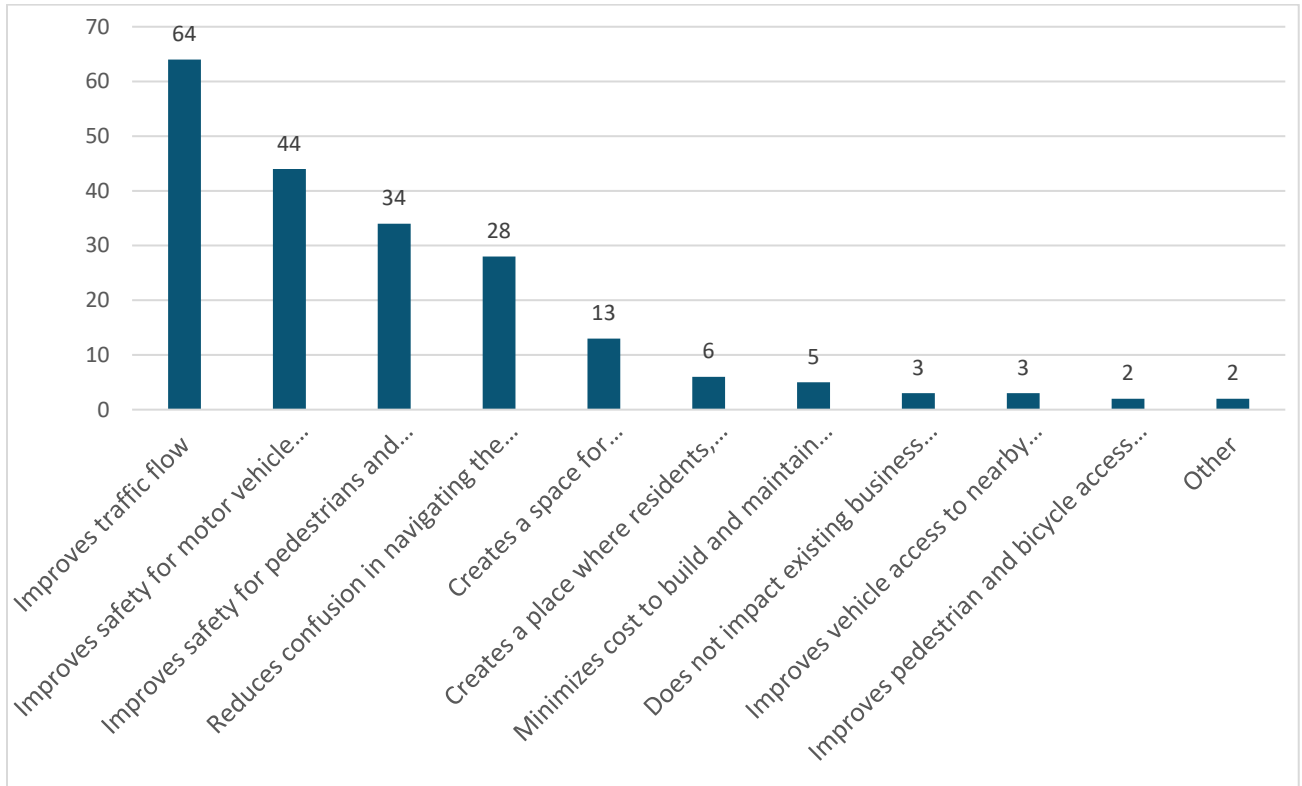
Alternative B



| Answers | Tally |
|---|-------|
| Reduces confusion in navigating the intersection | 8 |
| Improves safety for pedestrians and bicyclists | 6 |
| Does not impact existing business operations, property lines, or parking | 4 |
| Improves safety for motor vehicle drivers and passengers | 4 |
| Minimizes cost to build and maintain the design | 3 |
| Creates a place where residents, businesses, and visitors can enjoy the space | 3 |
| Improves pedestrian and bicycle access to nearby businesses | 2 |
| Improves traffic flow | 1 |
| Improves vehicle access to nearby businesses | 0 |
| Creates a space for fountain/sculpture/art feature | 0 |
| Other | 0 |

Total respondents | 13

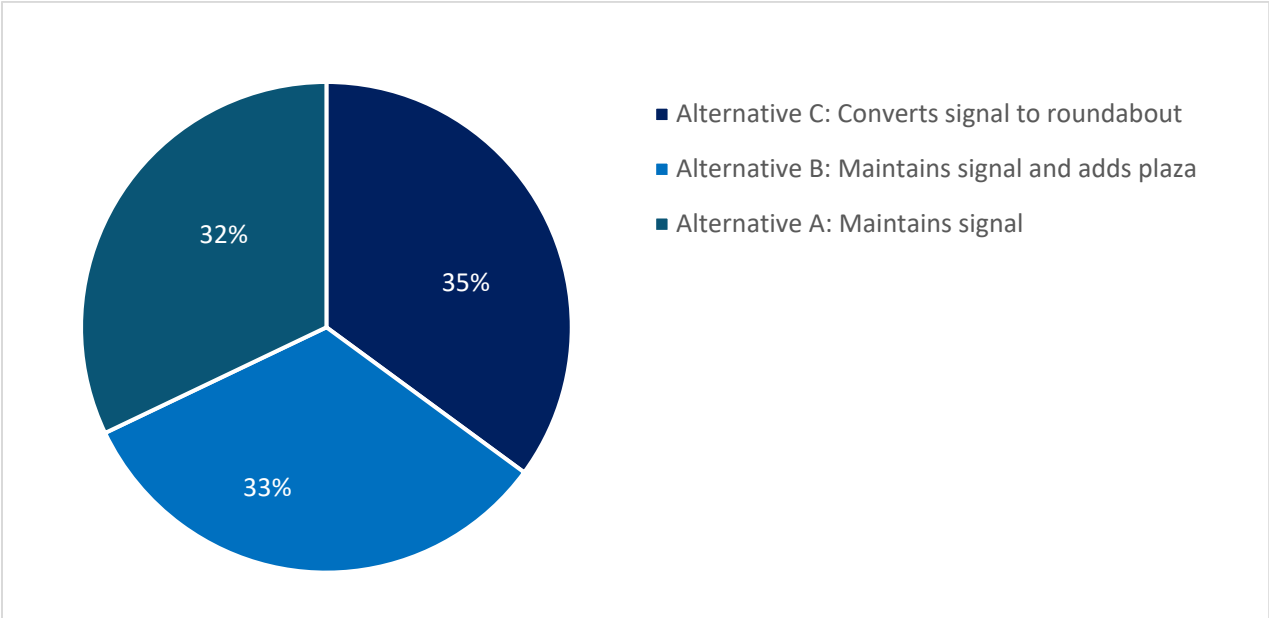
Alternative C



| Answers | Tally |
|---|-------|
| Improves traffic flow | 64 |
| Improves safety for motor vehicle drivers and passengers | 44 |
| Improves safety for pedestrians and bicyclists | 34 |
| Reduces confusion in navigating the intersection | 28 |
| Creates a space for fountain/sculpture/art feature | 13 |
| Creates a place where residents, businesses, and visitors can enjoy the space | 6 |
| Minimizes cost to build and maintain the design | 5 |
| Does not impact existing business operations, property lines, or parking | 3 |
| Improves vehicle access to nearby businesses | 3 |
| Improves pedestrian and bicycle access to nearby businesses | 2 |
| Other | 2 |

Total respondents | 75

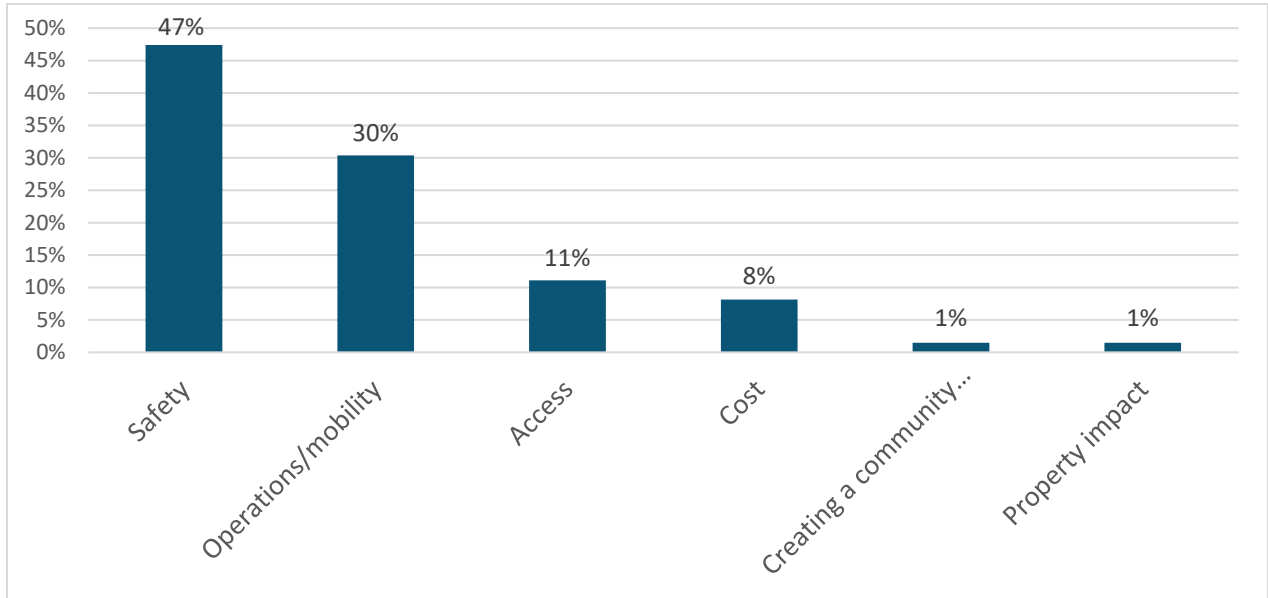
Question 5 | Which of the three design alternatives do you *least* prefer?



| Answers | Percentage | Tally |
|--|------------|-------|
| Alternative C: Converts signal to roundabout | 35% | 47 |
| Alternative B: Maintains signal and adds plaza | 33% | 44 |
| Alternative A: Maintains signal | 32% | 43 |

Total respondents | 134

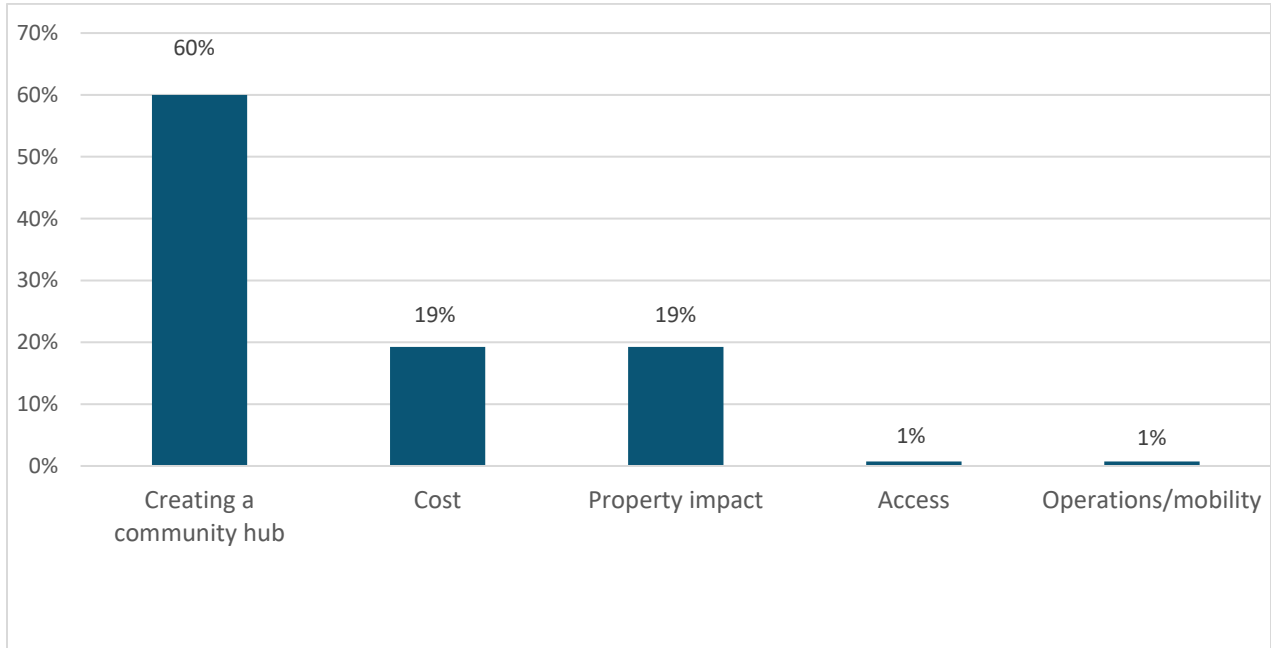
Question 6 | Which of these is *most* important to you?



| Answers | Percentage | Tally |
|--------------------------|------------|-------|
| Safety | 47% | 64 |
| Operations/mobility | 30% | 41 |
| Access | 11% | 15 |
| Cost | 8% | 11 |
| Creating a community hub | 1% | 2 |
| Property impact | 1% | 2 |

Total respondents | 135

Question 7 | Which of these is *least* important to you?

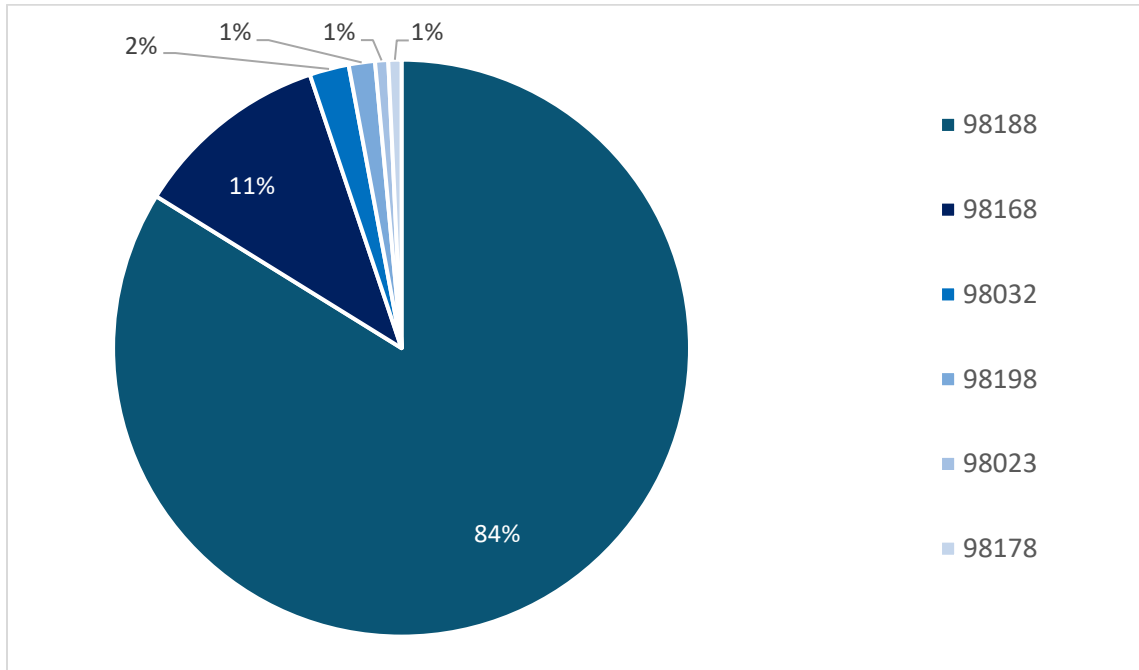


| Answers | Percentage | Tally |
|--------------------------|------------|-------|
| Creating a community hub | 60% | 81 |
| Cost | 19% | 26 |
| Property impact | 19% | 26 |
| Access | 1% | 1 |
| Operations/mobility | 1% | 1 |
| Safety | 0% | 0 |

Total respondents | 135

DEMOGRAPHIC QUESTIONS

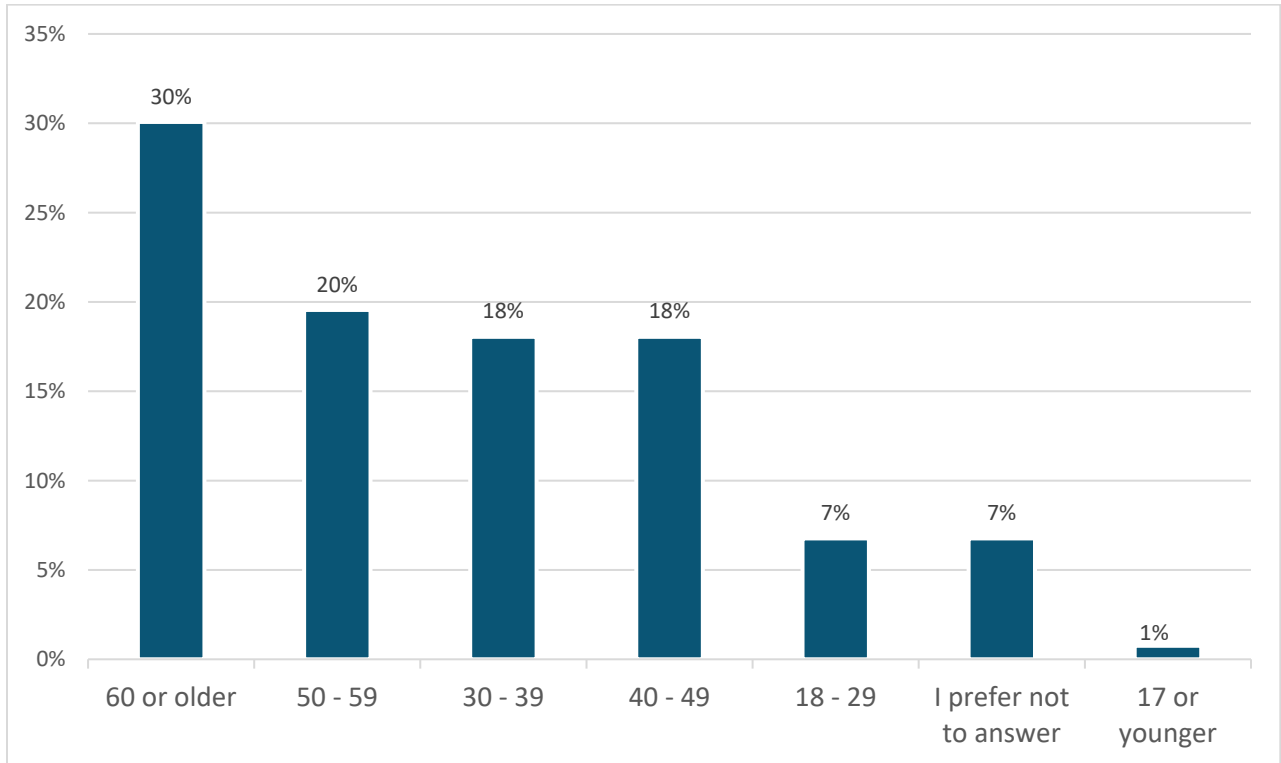
Question 1 | What ZIP code do you live in?



| Answers | Percentage | Tally |
|---------|------------|-------|
| 98188 | 84% | 114 |
| 98168 | 11% | 15 |
| 98032 | 2% | 3 |
| 98198 | 1% | 2 |
| 98023 | 1% | 1 |
| 98178 | 1% | 1 |

Total respondents | 136

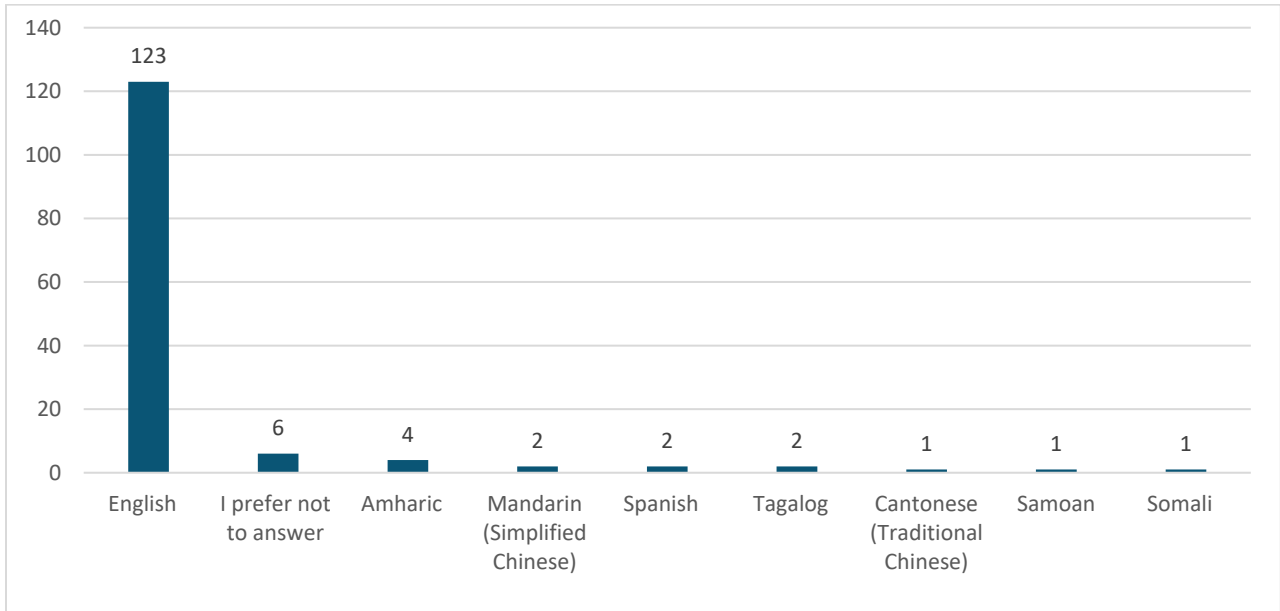
Question 2 | What is your age?



| Answers | Percentage | Tally |
|------------------------|------------|-------|
| 60 or older | 30% | 40 |
| 50 - 59 | 20% | 26 |
| 30 - 39 | 18% | 24 |
| 40 - 49 | 18% | 24 |
| 18 - 29 | 7% | 9 |
| I prefer not to answer | 7% | 9 |
| 17 or younger | 1% | 1 |

Total respondents | 133

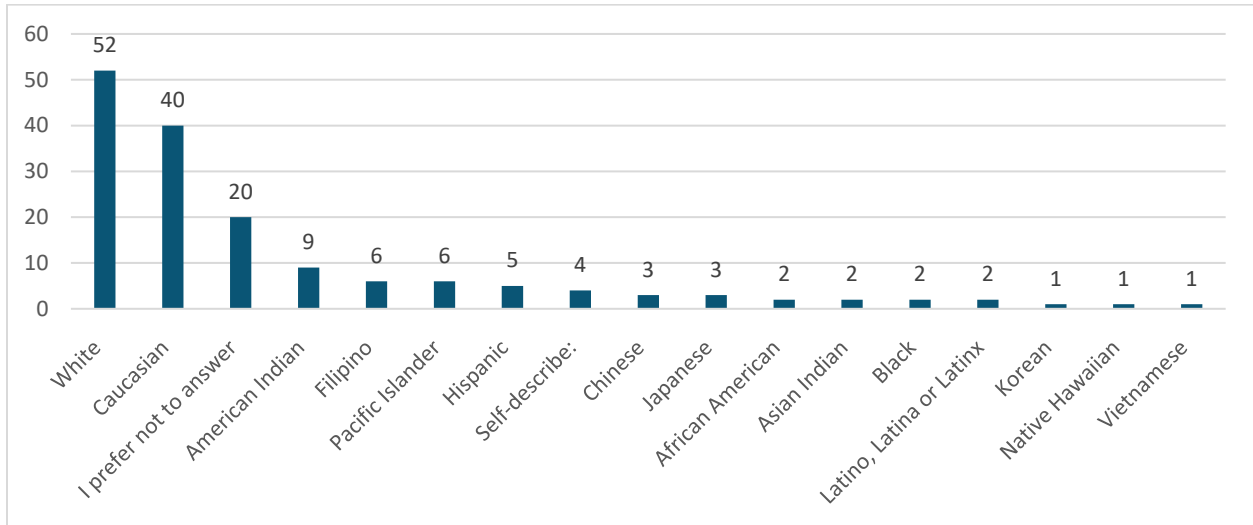
Question 3 | What is the primary language spoken in your home? (Select all that apply)



| Answers | Tally |
|---------------------------------|-------|
| English | 123 |
| I prefer not to answer | 6 |
| Amharic | 4 |
| Mandarin (Simplified Chinese) | 2 |
| Spanish | 2 |
| Tagalog | 2 |
| Cantonese (Traditional Chinese) | 1 |
| Samoan | 1 |
| Somali | 1 |
| Korean | 0 |
| Tigrinya | 0 |
| Vietnamese | 0 |

Total respondents | 135

Question 4 | How do you identify? (Select all that apply)



| Answers | Tally |
|--------------------------|-------|
| White | 52 |
| Caucasian | 40 |
| I prefer not to answer | 20 |
| American Indian | 9 |
| Filipino | 6 |
| Pacific Islander | 6 |
| Hispanic | 5 |
| Self-describe: | 4 |
| Chinese | 3 |
| Japanese | 3 |
| African American | 2 |
| Asian Indian | 2 |
| Black | 2 |
| Latino, Latina or Latinx | 2 |
| Korean | 1 |
| Native Hawaiian | 1 |
| Vietnamese | 1 |

Total respondents | 130

WEB ACTIVITY REPORT

URL | militaryroad.infocommunity.org

Users | 460

Total number of people that visited the online open house at least once.

Sessions | 579

The number of times a user visited the website.

Total pageviews | 1,658

The total number of times all pages within the online open house were viewed.

Pages visited per session | 2.86

The average number of pages a user visited during a session.

Session duration | 3 minutes, 24 seconds

The average time a user spent viewing the online open house during a session.

Device use

Mobile | 57%

Desktop | 40%

Tablet | 3%

Top 5 traffic sources

Direct entry of URL | 52%

Facebook | 29%

Seatacblog.com | 10%

Cityofseatac.wordpress.com | 4%

Nextdoor.com | 3%