

An aerial photograph of a coastal city, likely Seattle, showing a large bridge spanning a body of water. The city is densely packed with buildings and roads, and a marina with many boats is visible in the foreground. The image is overlaid with a semi-transparent blue rectangle containing text.

Magnolia Bridge Planning Study

The Coalition for Magnolia, Queen Anne, and Interbay Neighborhoods (MQADC)

Agenda

- Purpose of study
- Work completed to date
- Update on legislative action
- High-level results of Neighborhood Business Access Intercept Survey
- Next steps
- Questions and Answers



Study need

- Environmental impacts have weathered the Magnolia Bridge
- Past closures have demonstrated traffic impacts to the Interbay corridor
- Emergency planning and additional research needed to inform a long-term, replacement decision



Column bracing at west end of bridge



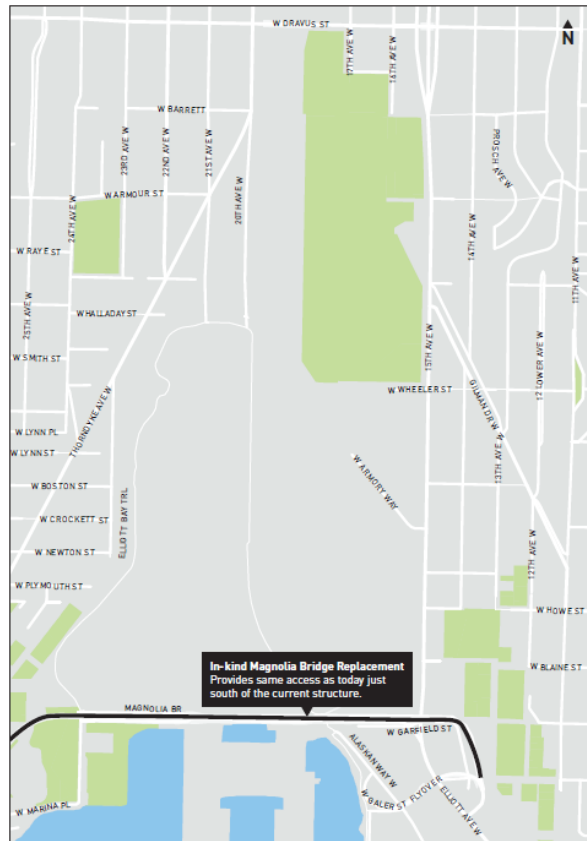
Study purpose

- Creates Emergency Traffic Maintenance Plan
- Provides multi-parameter comparison of 3 alternatives
- Updates in-kind replacement cost estimate and travel times
- Informs decision-making



Study alternatives & cost estimates

2006 Recommended In-kind Replacement



2018 Total Cost: \$340M - \$420M

Alternative I - Armory Bridge, etc.



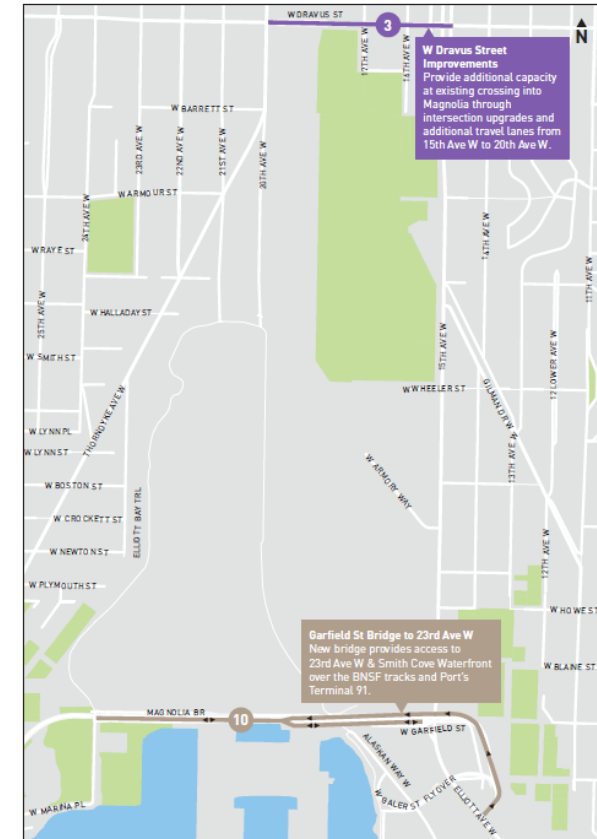
2018 Total Cost: \$200M - \$350M

Alternative II - Dravus, etc.



2018 Total Cost: \$190M - \$310M

Alternative III - Dravus & Garfield Bridge



2018 Total Cost: \$170M - \$280M

Outreach conducted to date

4
Drop-in
sessions



277
Drop-in session
participants



94
Written
comments



18
Day Online
open house



186
Online alternatives
survey participants



200
Online open
house comments



- 4 stakeholder workshops
- Community briefings
- Email listservs
- Mobile display
- Media interviews
- Digital media campaigns
- Business Access Intercept Survey

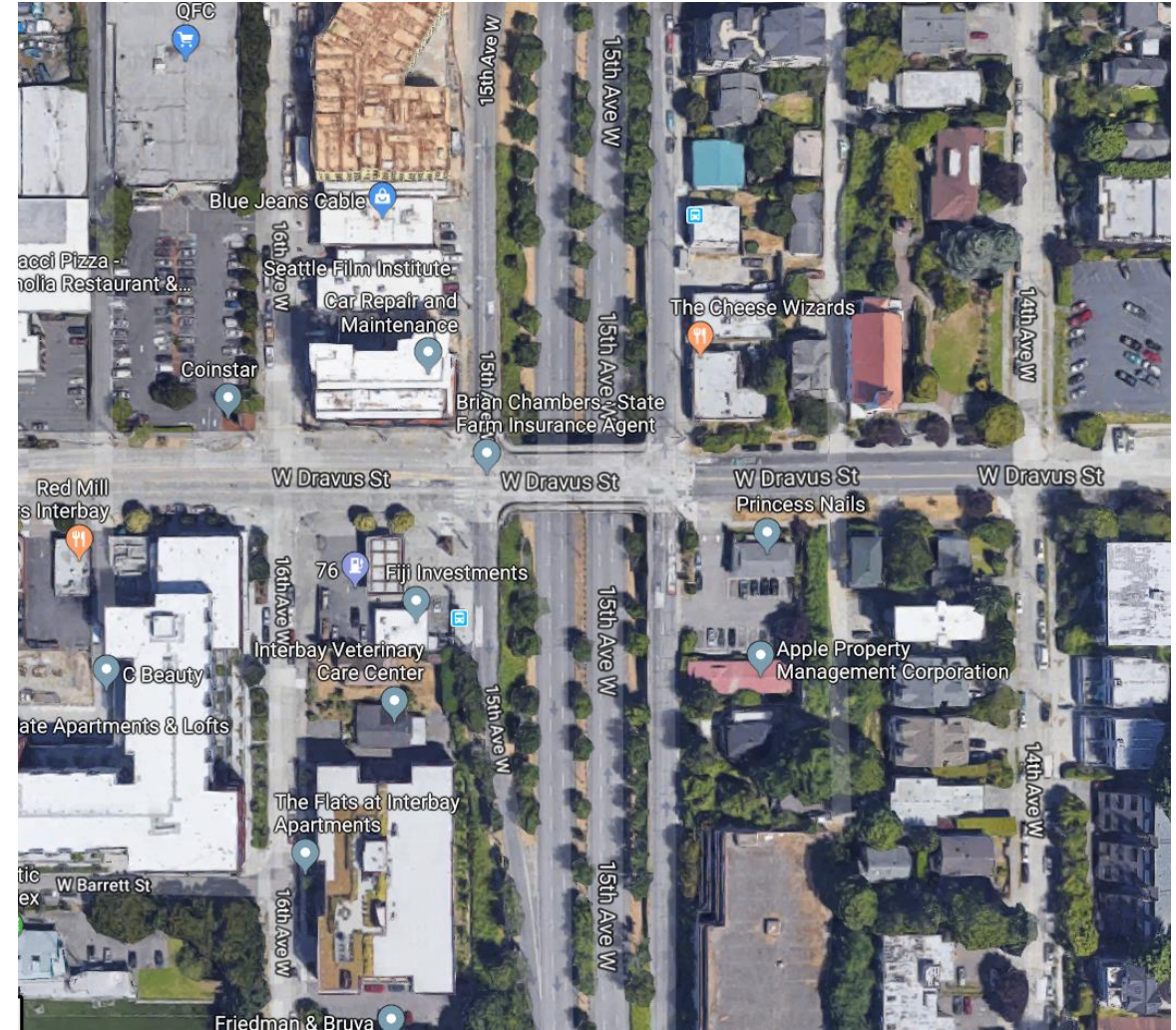
Summary of what we've heard

- Majority of community members want in-kind replacement
- Of alternatives, Armory Bridge (Alt 1 and Component 5B) ranked highest
- Concerns that Armory Way Bridge negatively impact nearby residences



Summary of what we've heard

- Many did not feel W Dravus St could be improved to support additional trips
- Many believed alternatives presented would slow emergency response



Interbay Regional Transportation Corridor

- CMSB, 36th Delegation organized regional task-force to address transportation projects in Interbay
 - State, County, City, Port elected and staff
 - WSDOT, SDOT, Port, KC Metro, and ST
- Third most used N/S route after I-5, SR-99
 - Interbay as part of the corridor
 - Moving together: Freight, Transit, Cars, People
- Goal: Combined projects targeting grants, State, Federal funding
- 2018 Budget SLI demonstrates City's commitment



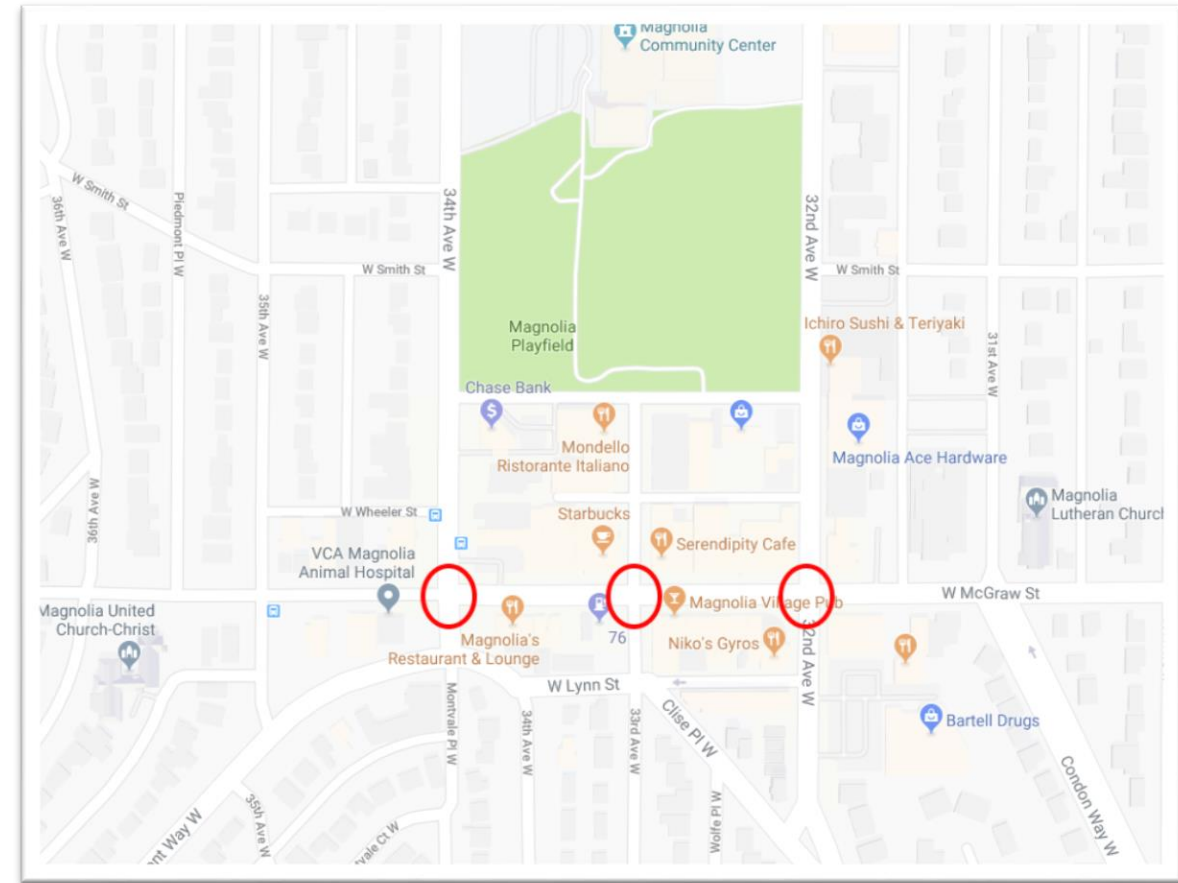
Intercept survey purpose

- Chamber and businesses shared their understanding of who visits Magnolia Village and how they arrive
- Conducted survey through an ongoing SDOT program with Office of Economic Development input
- Survey collects data to further understand behaviors
- Survey provides a foundation for possible future economic impact analysis



What was surveyed?

- How often people visit
- The purpose of their visit
- Which mode they used to arrive and leave
- If they drive, where they park
- How travel patterns change over time

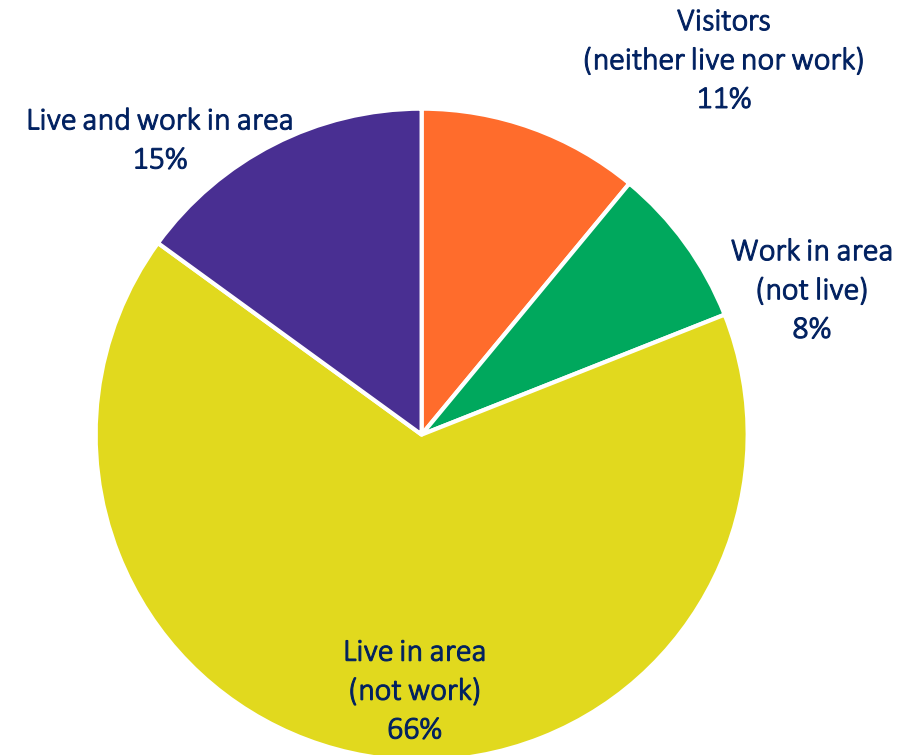


Survey locations



Intercept Survey - Key findings

- 81% (4 out of 5) of respondents live, or live and work, in Magnolia
- 11% neither live or work in Magnolia
- Residents drive alone and walk at the same rate—38% and 37% respectively
- 22% (1 out of 5) who drive alone do because transit takes too long
- 13% of respondents carpool
- 8% take a bus



Intercept Survey – Key Findings

- **Trip Purpose:** Shopping, running errands, eating out and visiting the post office
- **Spending:** 82% of respondents plan on spending money
 - The average anticipated spend is \$39.25
 - Residents typically spend the most money (between \$36.77 and \$44.49) and people working in Magnolia the least (\$13.19)
 - While those using a personal vehicle likely to have highest spend (\$45.72), they visit significantly less than those walking and biking

For Full Results search “SDOT Intercept Surveys” or go to:

<https://www.seattle.gov/transportation/projects-and-programs/programs/parking-program/neighborhood-business-district-intercept-surveys>














What's next

- Develop more detailed analysis
 - Adding traffic analysis for an in-kind replacement
 - Describing impacts to walking, biking and bus travel
 - Estimating construction duration and impact for alternatives
 - Finalizing Alternative Analysis Comparison
- Continue coordination between Councilmember Bagshaw and our regional partners




Study Schedule

PLANNING STUDY PROCESS

		2017				2018												2019			
		Q1	Q2	Q3	Q4	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Q1	Q2	Q3	Q4
 	Stakeholder Workshops with Port of Seattle, Magnolia Chamber, Magnolia Community Council, King County Metro, Seattle Parks and Recreation, Seattle Department of Transportation, Sound Transit, Queen Anne Community Council, Magnolia Interbay Queen Anne Disaster Preparedness, Seneca/Expedia, BNSF	[Activity]																			
  	Community Councils and Other Community Group Briefings to inform the public of the study purpose and present initial components for comment and questions	[Activity]																			
 	Present to SDOT Directors, Mayor, and Council Members to review initial and technical screening and present alternatives																				
	Drop-in Sessions and Online Open House & Survey to describe Magnolia Bridge history, review evaluation process, present alternatives, and collect community input																				
 	Finalize Alternatives Analysis and share Magnolia Bridge Planning Study results and comparison to SDOT Directors, Mayor, and other elected officials																				
	Ongoing Outreach Activities to conduct an intercept survey in Magnolia Village to better understand behaviors among people visiting and working there; share results of public input and technical analysis; mobile display to share information to-date with community																				

 Emergency Closure Plan

 Technical screening of components to identify viable alternatives

 Perform alternatives analysis

 Present analysis and information

 Listening to community & agencies

Questions

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<https://www.seattle.gov/transportation/magnoliabridgeplanning>

