

# SR500/NE 42<sup>nd</sup> and NE 54<sup>th</sup> Safety Study

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Identify & analyze cost-effective strategies to address safety issues through practical solutions, while maintaining bicycle & pedestrian access across.



## Safety Study Purpose



# Schedule Overview

	Funding Amount	Year Allocated	Type of Funding			Work Completed
			Preliminary Engineering	Right of Way	Construction	
<b>St Johns, 42nd and 54th</b>	~ \$1,500,000	1999	X			Environmental Assessment
<b>St Johns</b>	~ \$45,000,000	2005	X	X	X	Design and Construction
<b>42nd and 54th</b>	~ \$300,000	2005	X	X		Purchases from Willing Sellers

\*Not all funds legislatively allocated

- Funding for 42<sup>nd</sup> and 54<sup>th</sup> was included alongside funding for St. Johns in Referendum 51 (2002) – bill defeated by about 60%
- 2003 Nickel Funding Package included NE 112<sup>th</sup> Interchange
- 2005 Transportation Partnership Package included St. Johns Interchange
- 2015-16 Clark County Transportation Alliance Washington State Legislative Policy Statement included 42<sup>nd</sup> & 54<sup>th</sup> as a regionally validated state system priority project
- 2015 Connecting Washington Package did not include funding for 42<sup>nd</sup> and 54<sup>th</sup>

# SR 500 Funding History

## Audience

Emergency Services	Vancouver Police Department, Clark County Sheriff Department, Washington State Patrol, Vancouver Fire Department, & American Medical Response
Neighborhood Associations	Bagley Downs, Truman, Rose Village, Fourth Plain Village, Roads End, West & East Minnehaha
Stakeholders	COV Neighborhood Traffic Safety Alliance, Vancouver School District, Fourth Plain Forward, & US Post Office
Agencies	RTC, C-TRAN, City of Vancouver, & Clark County
	SR 500 Users

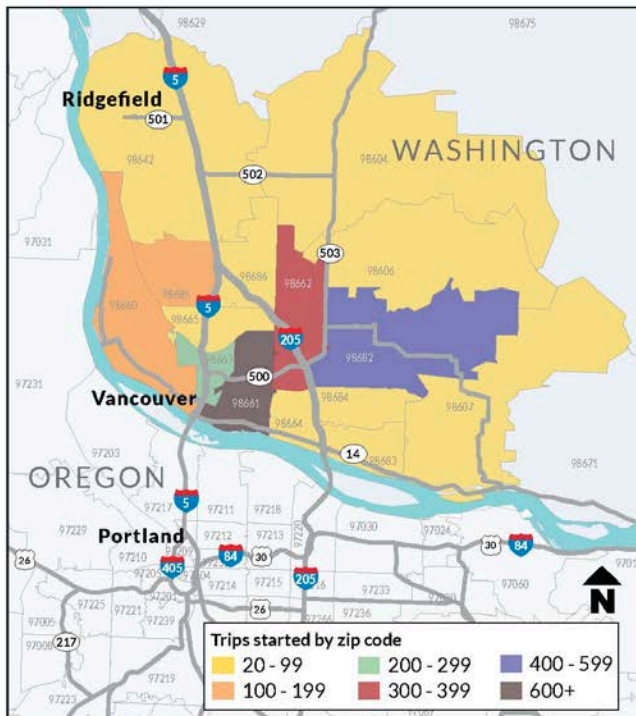
# Outreach



Tools	Stage 1 12/15 - 4/30	Stage 2 5/1 - 6/30	Stage 3 7/1 - 9/30
Web page	Launch	Update	Update
Flyer	Flyer #1 (in English, Spanish & Russian)	Flyer #2 (in English, Spanish & Russian)	Flyer #3 (in English, Spanish & Russian)
Direct Mailing	Targeted Neighborhoods (in English, Spanish & Russian)	Targeted Neighborhoods (in English, Spanish & Russian)	Targeted Neighborhoods (in English, Spanish & Russian)
Social Media	Continuous conversations via Facebook, NextDoor, Reddit, & Twitter	Continuous conversations via Facebook, NextDoor, Reddit, & Twitter	Continuous conversations via Facebook, NextDoor, Reddit, & Twitter
VPS Newsletter	Electronic flyer to Truman, Roosevelt, McLoughlin MS, iTech MS, & Fort Vancouver HS	Electronic flyer to Truman, Roosevelt, McLoughlin MS, iTech MS, & Fort Vancouver HS	Electronic flyer to Truman, Roosevelt, McLoughlin MS, Gaiser MS, iTech MS, & Fort Vancouver HS
Newsprint	Article in Columbian	Articles in Columbian & Oregonian	Goal: same or + coverage
TV/Radio	KOIN 6, KATU 2, KGW 8, KPAM	KOIN 6, KATU 2, KGW 8, KPTV	Goal: same or + coverage
Open House		Open House: May 3 Online Open House: May 3 – 25	

# Outreach Stages/Tools

**Survey 1 - Survey Monkey**  
2/28/18 to 3/31/18



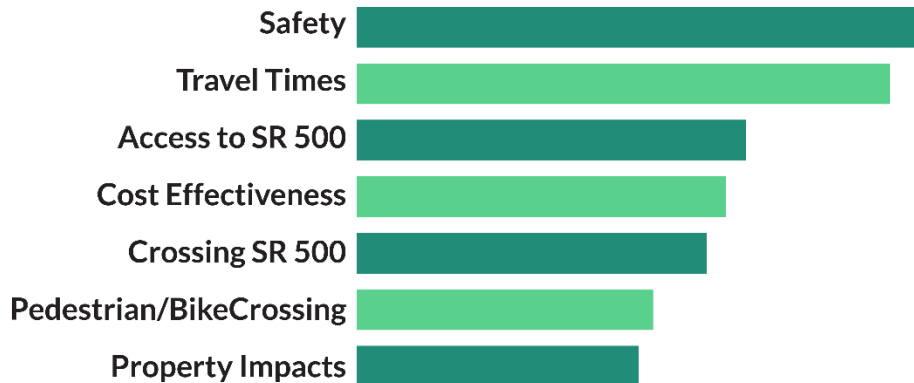
**Survey 2 - Online Open House**  
5/3/18 - 5/25/18



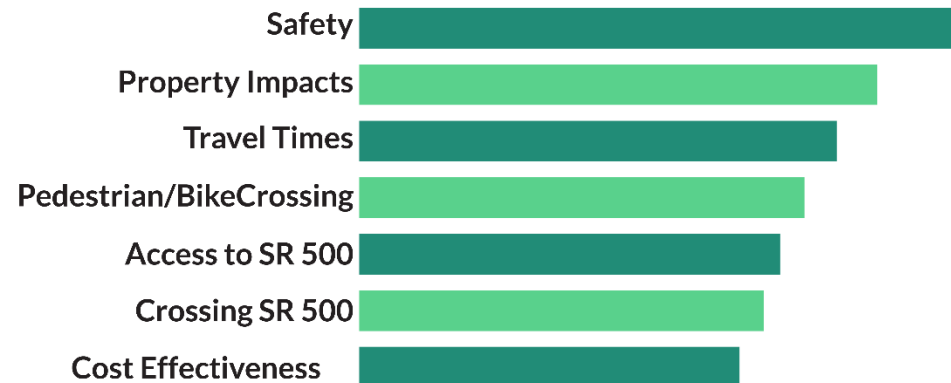
# Community Input

# What priorities are most important to you and your family?

## Survey 1

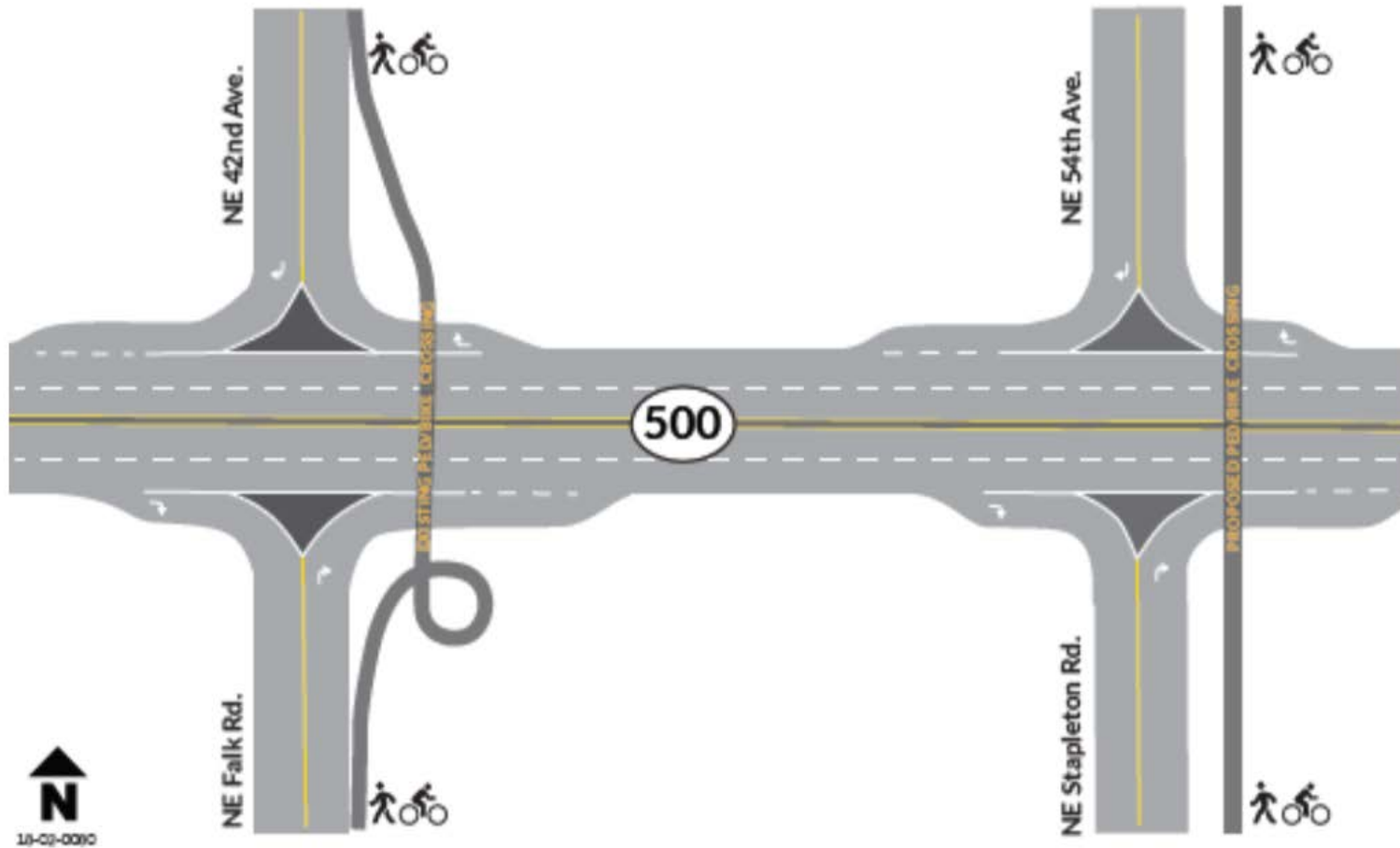


## Survey 2



# Community Input - Priorities





# Right-In/Right-Out Concept

Stakeholder Input April 16-25	Open House May 3	Online Open House May 3-25
Increased traffic on local streets	Increased traffic on local streets	Increased traffic on local streets
Equitable access to/from SR 500	Equitable access to/from SR 500	Equitable access to/from SR 500
Add Pedestrian/bike crossing	Add Pedestrian/bike crossing	
Travel delays for emergency services	Travel delays for emergency services	Travel delays for emergency services
Long acceleration lanes needed to merge onto SR500	Long acceleration lanes needed to merge onto SR500	Long acceleration lanes needed to merge onto SR500
Safety on local streets	Safety on local streets	
	Directional signs	
		Frequency of left turn

# Input - RIRO Concept

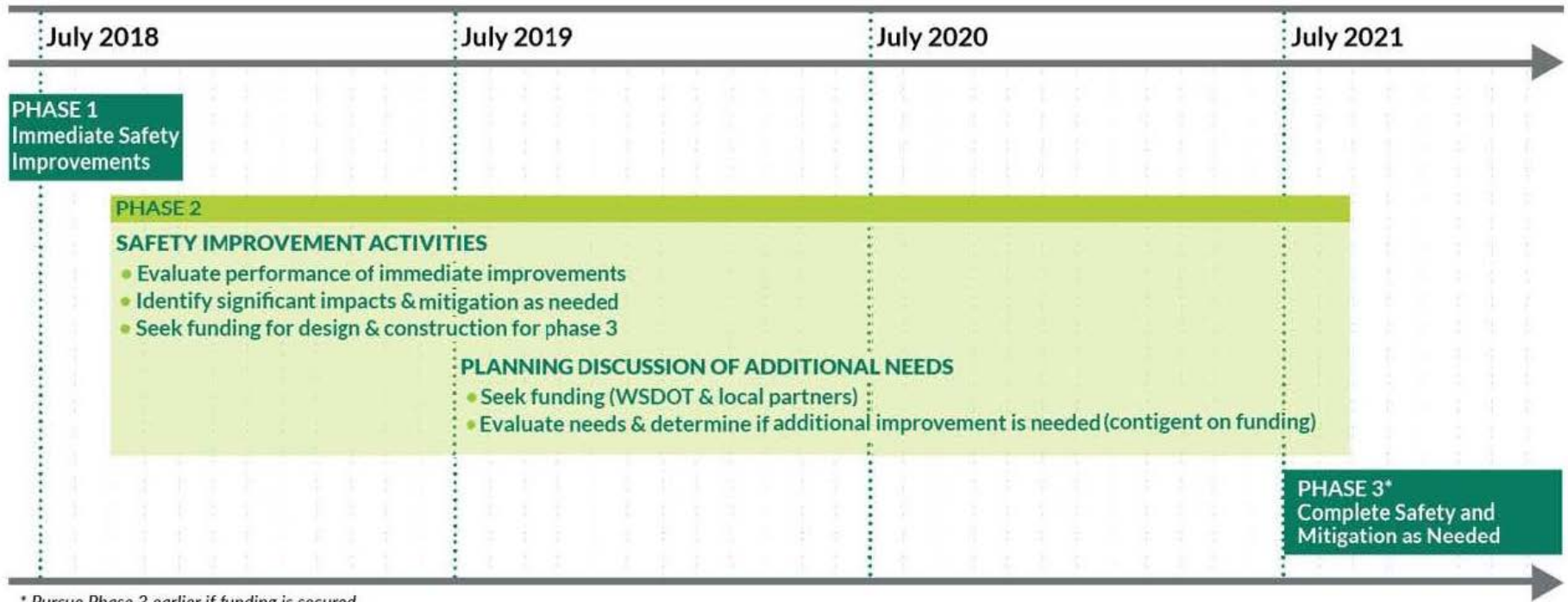
### **Estimated project cost: \$6,000,000**

- Reconfigure 42<sup>nd</sup> & 54<sup>th</sup> intersections
- Construct connected bicycle-pedestrian grade-separated crossing at 54<sup>th</sup>
- Address demonstrated significant impacts on local streets as determined thru multi-agency work plan

### **Funding Efforts**

- Seeking funds through agency processes
- Submitted grant request for design of bicycle-pedestrian improvements
  - Requested \$850,000 (inc. \$200,000 match). Award notice – Spring 2019
- Collaborating with local agencies to consider partnerships & related local improvements

# **Cost and Funding**



# Safety Improvements Aspirational Timeline



# Mitigation Study Areas

## Tasks

1.1	<p>AM/PM traffic counts/intersection turning movements</p> <ul style="list-style-type: none"><li>• Before and after Phase 1<ul style="list-style-type: none"><li>○ Andresen Rd/NE 40<sup>th</sup> St</li><li>○ Fourth Plain Blvd/Andresen Rd</li><li>○ Fourth Plain Blvd/Falk Rd</li><li>○ Fourth Plain Blvd/Grand Blvd</li><li>○ NE 44<sup>th</sup> St/St. Johns</li><li>○ NE 44<sup>th</sup> St/St James</li><li>○ NE 44<sup>th</sup> St/NE 42<sup>nd</sup> Ave</li><li>○ NE 44<sup>th</sup> St/St Johns to NE 39<sup>th</sup> Ave</li><li>○ NE 42<sup>nd</sup> Ave/NE 48<sup>th</sup> St</li><li>○ St. Johns/33<sup>rd</sup> St</li></ul></li></ul>
1.2	<p>Traffic Analysis</p> <ul style="list-style-type: none"><li>• Using Synchro or similar applicable tool</li></ul>
1.3	<p>Mitigation</p> <ul style="list-style-type: none"><li>• If warranted by traffic counts &amp; analysis</li></ul>

# Work Plan

## Upcoming Meetings

June 20 - Vancouver School District

July 2 - Vancouver Police Department

July 9 - City Council Workshop

July 11 - County Council Workshop

July 13 - Vancouver Fire Department

July 19 - Sheriff Department

July 24 - Rose Village NA

July 25 - Fourth Plain Forward

July 30 - Washington State Patrol

July 31 - Truman, Road Ends, & East Minnehaha NAs Leadership

July 30 - Washington State Patrol

August 7 - RTC Meeting

September 18 - NTSA

September 22 - Fourth Plain Multicultural Festival

# Next Steps

Suggested Outreach for Immediate Safety Improvements	Proposed Approach
Work with COV neighborhood office to identify key events to reach out neighborhoods and SR500 users (i.e., evening & noon concerts, Fourth Plain Multicultural Festival, National Night Out, etc.)	Focus WSDOT direct effort in adjacent areas WSDOT to provide info and briefing to local agency staff attending
Inclusion in Fourth Plain Forward electronic list serve	WSDOT to request & facilitate
Ask NAs to help distribute flyers to neighbors and businesses	WSDOT to request
Drop off flyer announcing “change is coming” at: Goodwill (to distribute in shopping bags) and apartment buildings.	WSDOT to develop & deliver
Reader board along SR500	WSDOT to determine safe usage for notice of changes

# Next Steps