

NE Lake Road and NE Everett Street (SR-500)

INTERSECTION IMPROVEMENTS



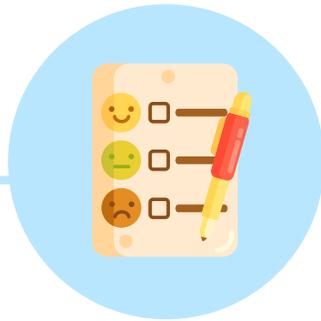
Public Involvement Update



Stakeholder Interviews



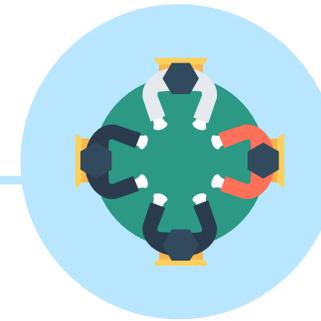
PAC Meeting #1



Community Survey



Community Open House #1



PAC Meeting #2



Community Open House #2

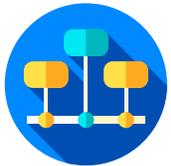
Key Themes from Open House #1



Reducing congestion, improving safety, and maintaining traffic flow during construction are top priorities.



Incorporate improved bicycle and pedestrian access and crossings.



Consider impacts to existing parking and the need for additional parking.

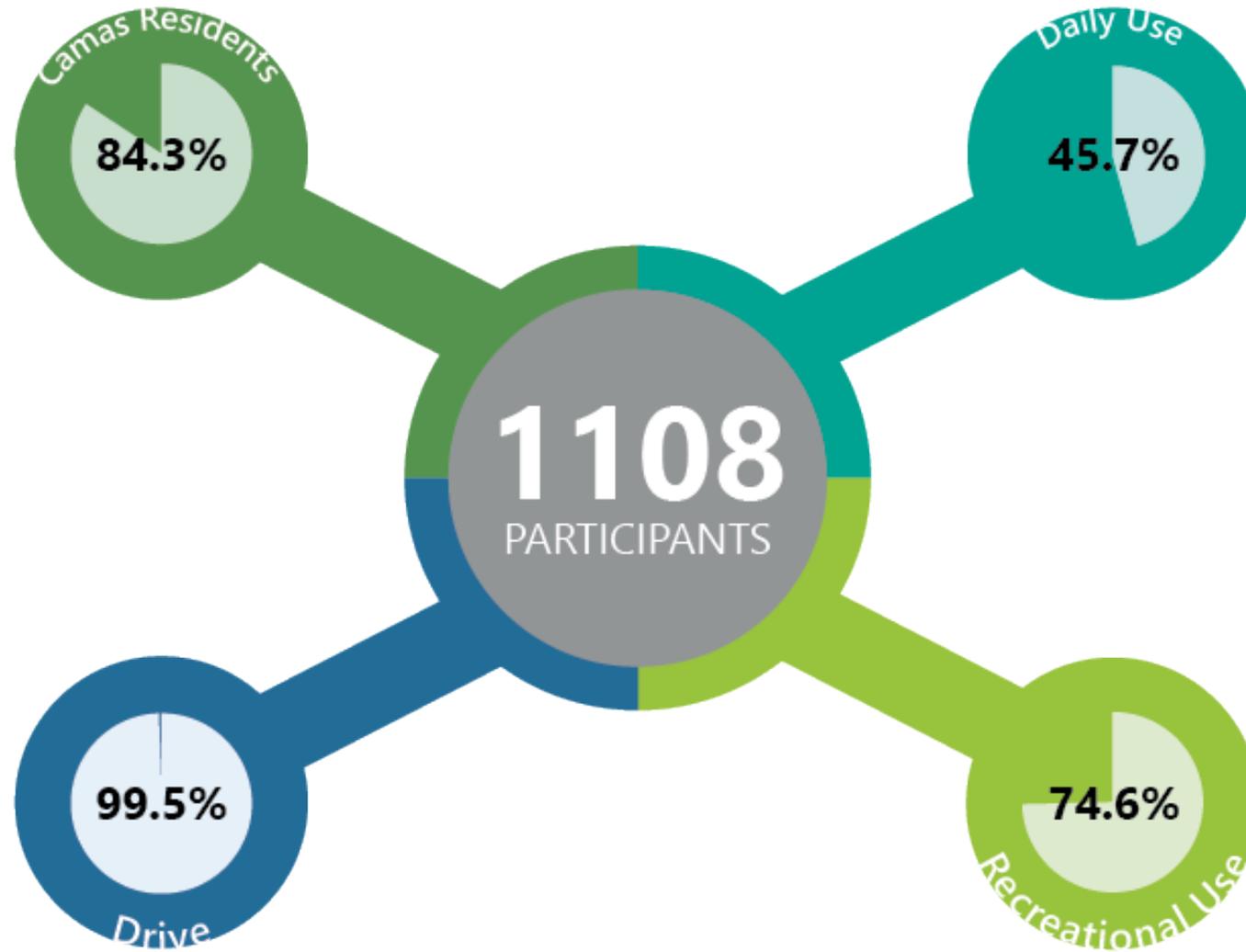


Consider environmental impacts.



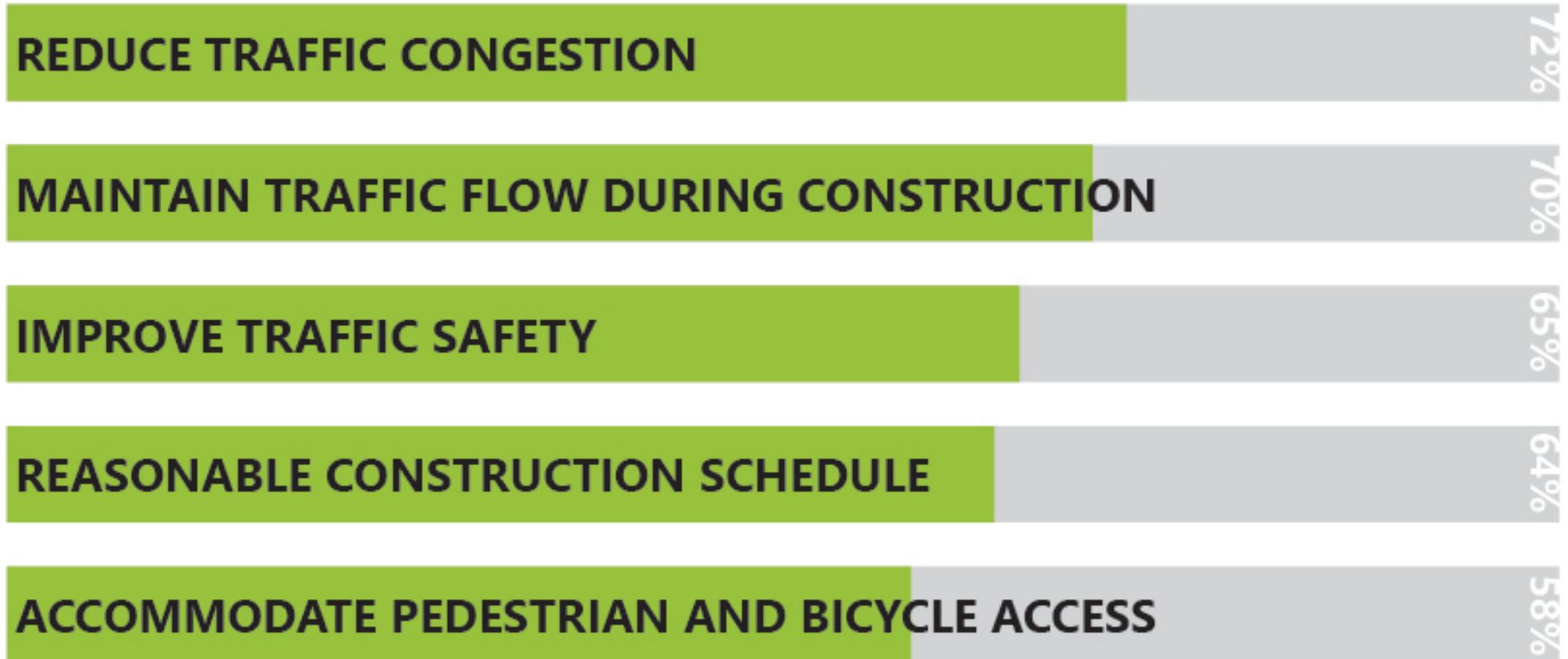
Consider bridge improvement/replacement now instead of later.

On-Line Survey Results



On-Line Survey Results

Top Five Criteria for the New Intersection



An aerial photograph of a road and a river flowing through a dense forest. The road has a double yellow line and curves to the right. A parking lot with several cars is visible on the left side of the road. The river is in the foreground, reflecting the sky and trees. The entire image is overlaid with a semi-transparent blue filter.

Alternatives Analysis

Alternatives Analysis - Evaluation Criteria

Public Impacts & Benefits

- Overall project schedule
- Parking impacts
- Accessibility to lake
- Private property impacts
- Aesthetics

Traffic Impacts & Benefits

- Short term traffic impacts: construction
- Long term traffic impacts: resiliency
- Pedestrian safety
- Vehicular safety
- Access management

Environmental Impacts & Benefits

- Tree impacts
- Lake and wetland impacts
- Habitat impacts
- Water and air quality

Infrastructure Impacts & Benefits

- Impact to existing bridge
- Short term cost (construction)
- Utility impacts

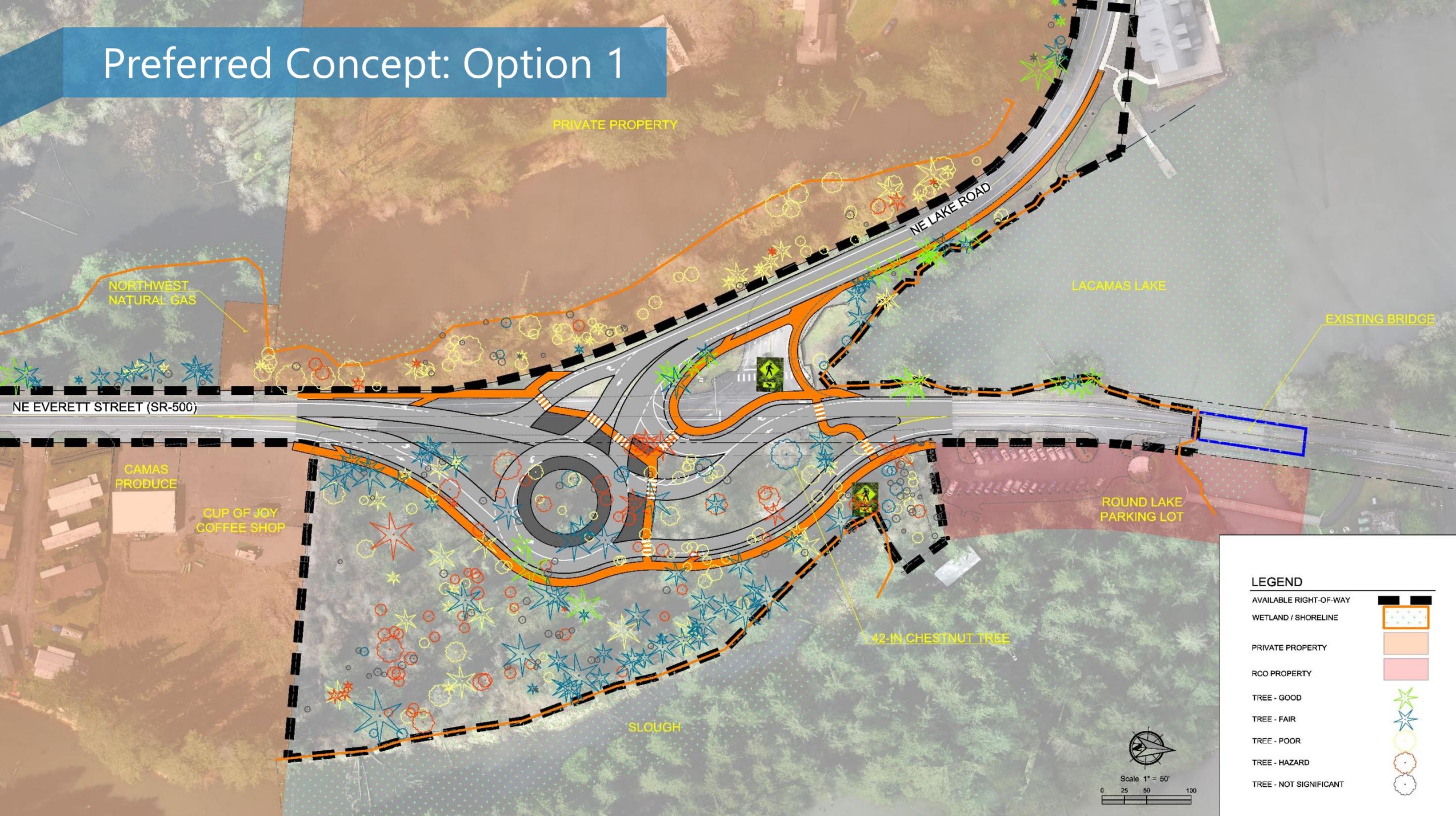
Results Summary

	NB	S1	S2	S3	RB1	RB2	RB3
Total Score (No Priority)	99	68	75	100	143	111	129
Total Score (Web Survey Priority)	4,585	3,379	3,832	5,173	7,307	5,697	6,403

Preferred Alternative Recommendation



Preferred Concept: Option 1



LEGEND

AVAILABLE RIGHT-OF-WAY



WETLAND / SHORELINE



PRIVATE PROPERTY



RCO PROPERTY



TREE - GOOD



TREE - FAIR



TREE - POOR



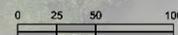
TREE - HAZARD



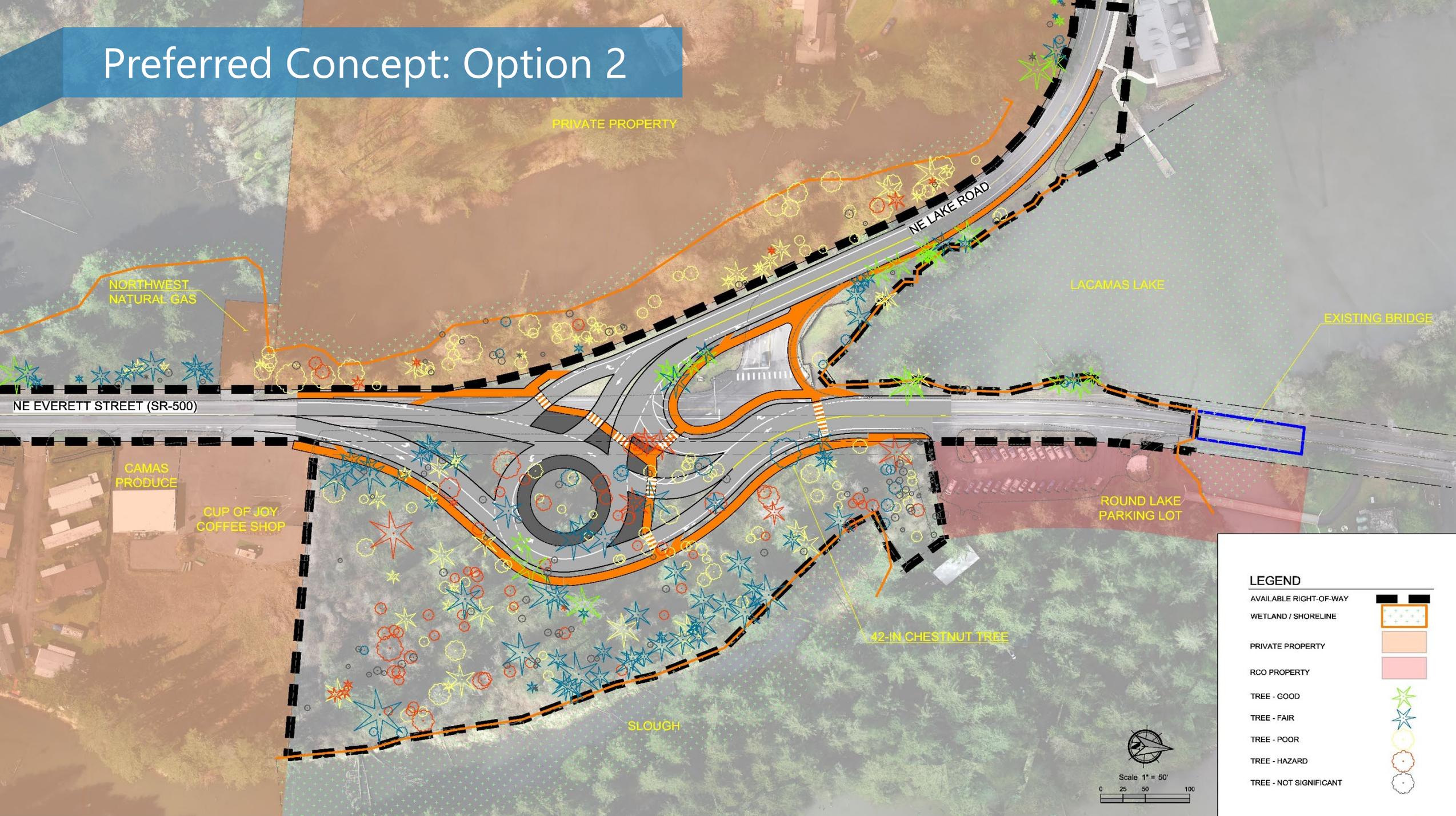
TREE - NOT SIGNIFICANT



Scale 1" = 50'



Preferred Concept: Option 2



PRIVATE PROPERTY

NORTHWEST
NATURAL GAS

NE LAKE ROAD

LACAMAS LAKE

EXISTING BRIDGE

NE EVERETT STREET (SR-500)

CAMAS
PRODUCE

CUP OF JOY
COFFEE SHOP

ROUND LAKE
PARKING LOT

42-IN CHESTNUT TREE

SLOUGH

LEGEND

AVAILABLE RIGHT-OF-WAY

WETLAND / SHORELINE

PRIVATE PROPERTY

RCO PROPERTY

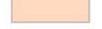
TREE - GOOD

TREE - FAIR

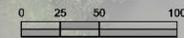
TREE - POOR

TREE - HAZARD

TREE - NOT SIGNIFICANT

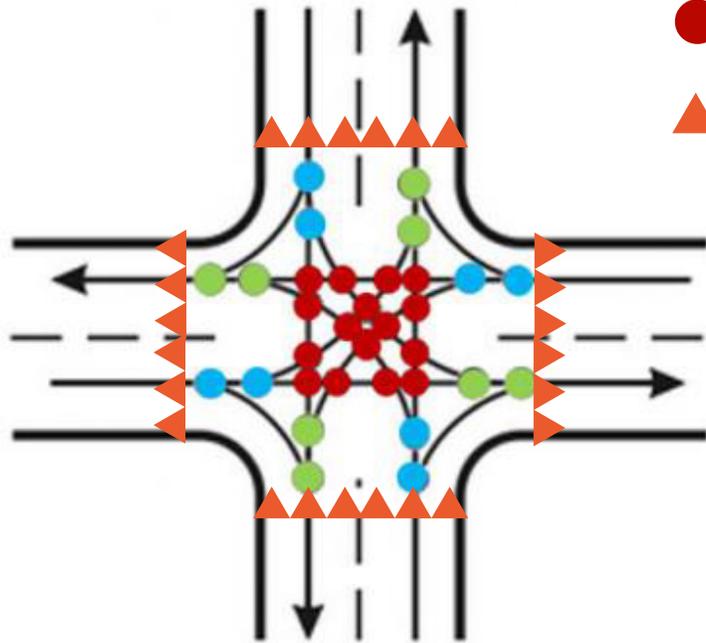


Scale 1" = 50'

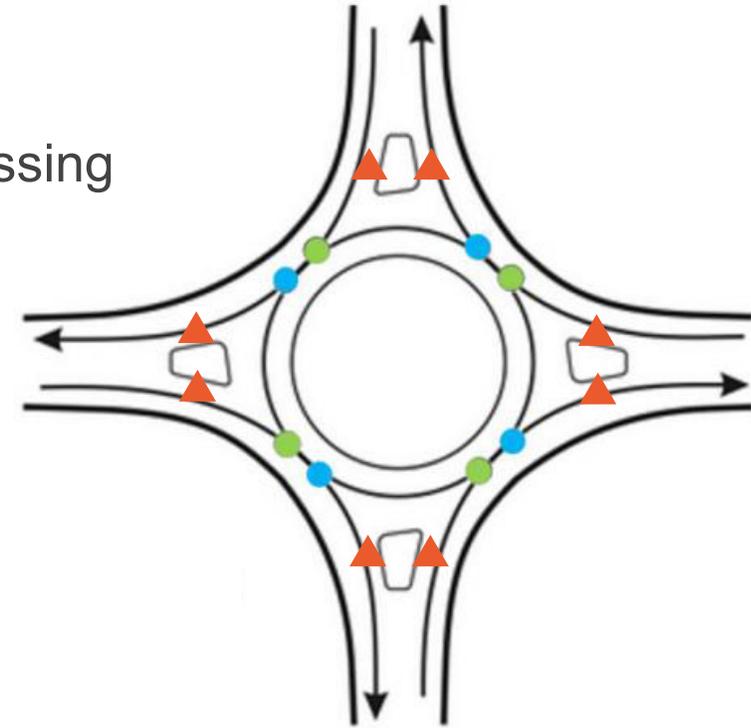


Vehicle Conflict Points: Signals vs. Roundabouts

- Diverging
- Merging
- Crossing
- ▲ Pedestrian Crossing



32 Vehicle Conflict Points
24 Pedestrian Conflict Points



8 Vehicle Conflict Points
8 Pedestrian Conflict Points

Safety Benefits of Roundabouts over Signals



37% ↓ reduction in overall collisions

75% ↓ reduction in injury collisions

90% ↓ reduction in fatality collisions

40% ↓ reduction in pedestrian collisions

Traffic calming effect

Pedestrian safety *(lower speeds, traffic stream focus, refuge island)*

No light to "beat"

Additional Benefits: Roundabouts over Signals

Operations

- Lower Overall Delay
- Improves Access
- Lower Operating Costs
- Always Works (*Power Outage*)

Environmental Factors

- Less Noise
- Less Fuel Consumption
- Better Air Quality
- Less Pavement

Frequent Comments/Questions

- How will construction impact traffic?
- Can there be a pedestrian bridge or tunnel?
- Why not include replacement of the existing bridge now?
- School traffic is the real problem—won't high school drivers be confused by a roundabout?
- There isn't enough parking now, how will this project impact that?



Video: No Build Signal



Click [here](#) to watch online.

Video: Built Out Signal



Click [here](#) to watch online.

Video: Roundabout Operation



Click [here](#) to watch online.

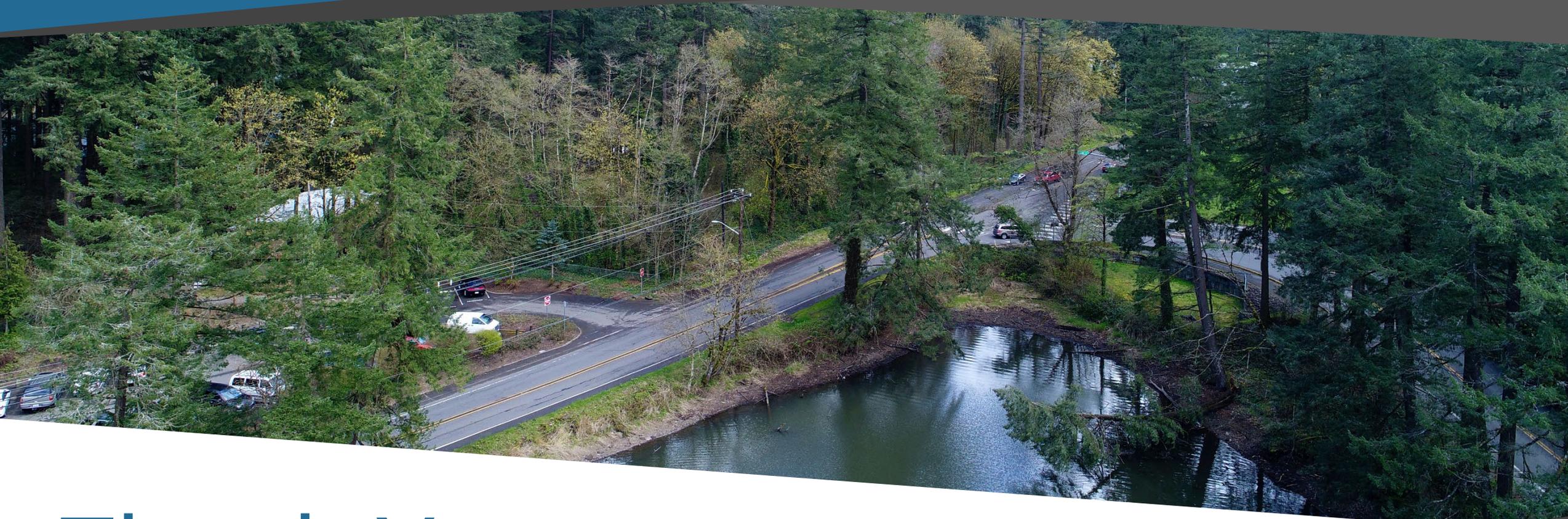
Fly-Through Video: Roundabout Option 1



Click [here](#) to watch online.

NEXT STEPS

- Select your preferred Roundabout Option tonight.
- On-line survey to select your preferred Roundabout Option from tonight through April 20, 2019.
- City Council final decision on May 6, 2019.



Thank You

