

# **Bellevue Way SE HOV – 112<sup>th</sup> Ave SE ‘Y’ to South Bellevue P&R Project Recommendation**

**April 24, 2017 – Study Session**

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**Presenters:**

**Ron Kessack, Assistant Transportation Director**

**Marina Arakelyan, Project Manager, City of Bellevue**

## Tonight's purpose:

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- Present project scope recommendation
- Seek Council's approval of project recommendation

# Completed Activities: Project Definition

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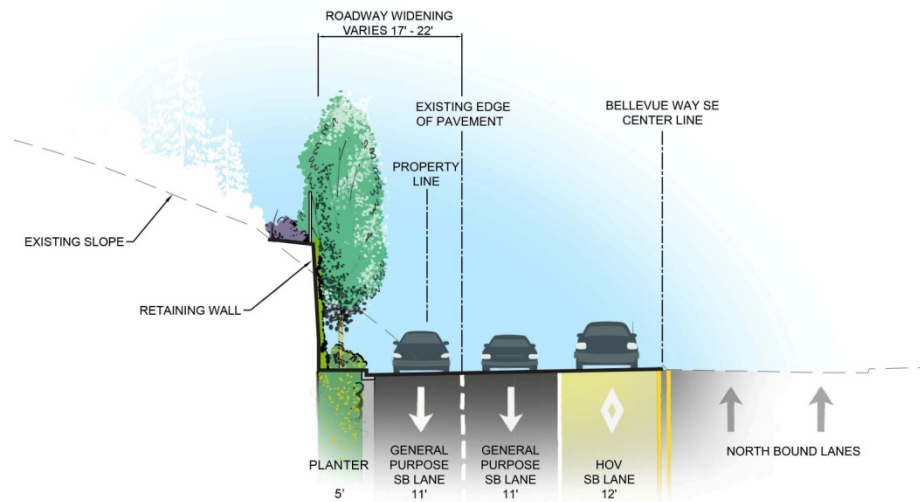
- Developed several corridor options for roadway sections and project lengths
- Engaged community and other stakeholders
- Analyzed and refined project options based on input received
- Identified staff recommendation for a preferred option

# Public and Stakeholder Involvement:

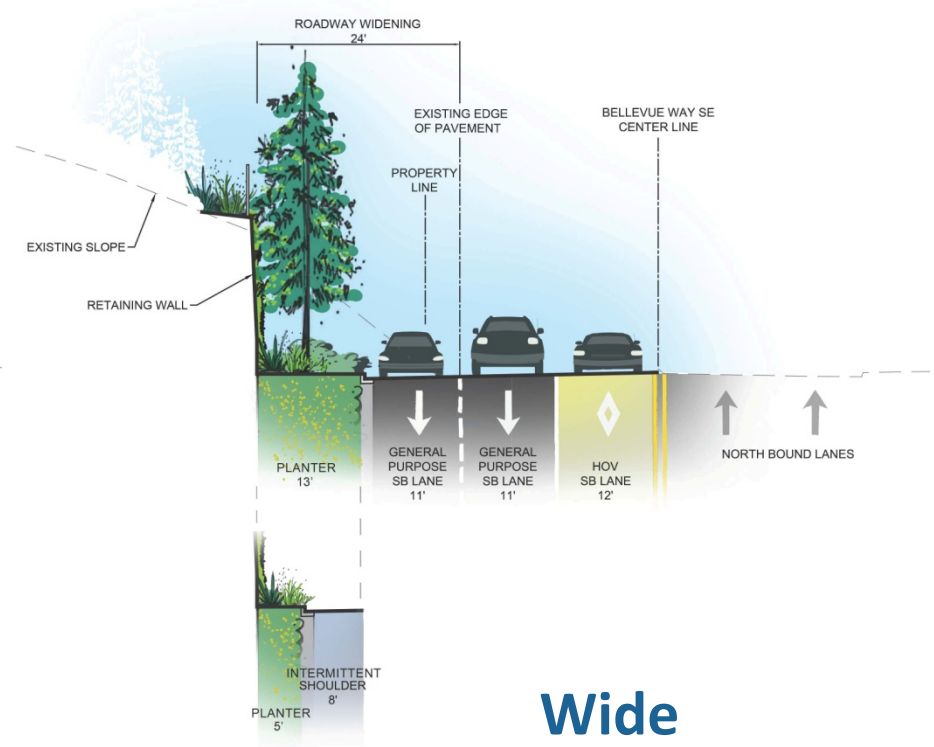
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- City Council project update - January 9, 2017
- Public/Online Open House - January 19, 2017
- Chamber of Commerce - February 14, 2017
- Bellevue Downtown Association – Feb. 24, 2017
- Transportation Commission - March 9, 2017
- Transportation Commission - April 13, 2017

# SB HOV Project Roadway Width: Narrow Section vs. Wide Section



Narrow



Wide

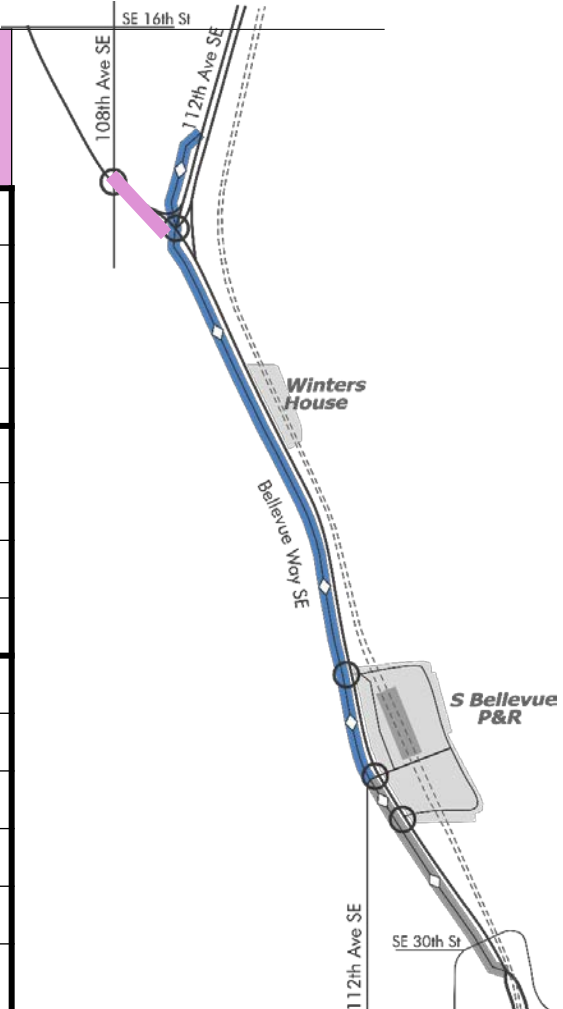
# SB HOV Project Length: Options Considered



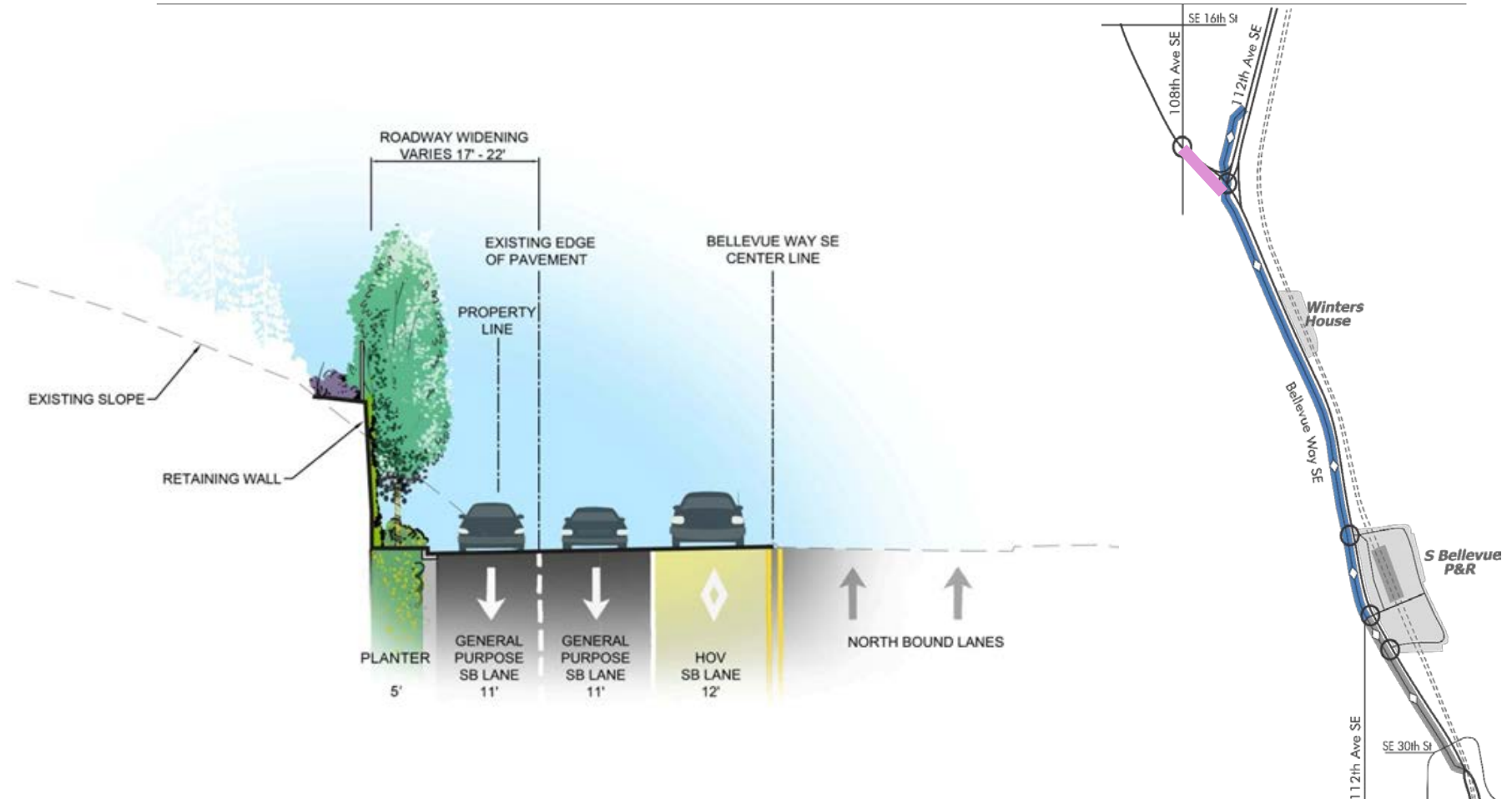
# SB HOV Project Length:

## Option 4 / Option 2 Comparison

	2030 No Build Baseline	Full Build Option 4: HOV through "Y" 112th Only	Full Build Option 2: HOV through "Y" BWSE & 112th
<b>Travel Times From Bellevue Way</b>			
SOV	7.5 min	7.9 min(+5%)	8.0 min(+7%)
HOV	7.2 min	4.7 min(-35%)	4.4 min(-39%)
Transit	6.7 min	4.7 min(-30%)	4.4 min(-34%)
<b>Travel Times From 112th Ave</b>			
SOV	9.9 min	10.1 min(+2%)	10.4 min(+5%)
HOV	9.5 min	5.0 min(-47%)	5.6 min(-41%)
Transit	10.6 min	6.0 min(-43%)	7.0 min(-34%)
<b>Peak Hour Volumes</b>			
Total Vehicles	2,163	2,462(+12%)	2,492(+15%)
Total People	3,876	4,490(+16%)	4,528(+17%)
# HOV Vehicles	194	457(+236%)	463(+237%)
# Transit Routes	20	20	20
<b>Conceptual Design, ROW and Construction Costs</b>		\$31,000,000	\$35,000,000



# Project Recommendation





# Next Activities – Early Design

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- Complete 30% design and environmental documentation – Fall 2017
- Continue engaging with community and stakeholders
- Develop project phasing option(s) and recommendation
- Continue to develop project funding strategies
- Return to council for direction and approval on project phasing and advancing design –Winter 2018

# Thank You!

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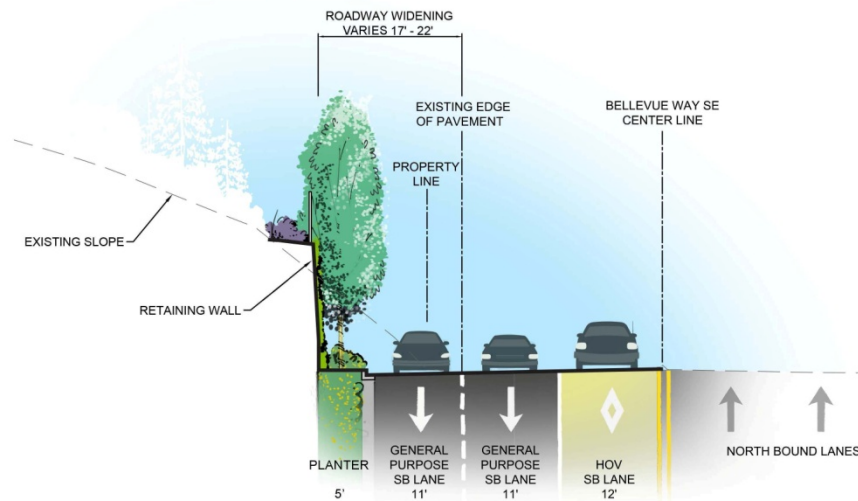
## Contact Information:

Marina Arakelyan, project manager

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ph. 425-452-4632

# SB HOV Project Roadway Width: Narrow Section – Preferred Option



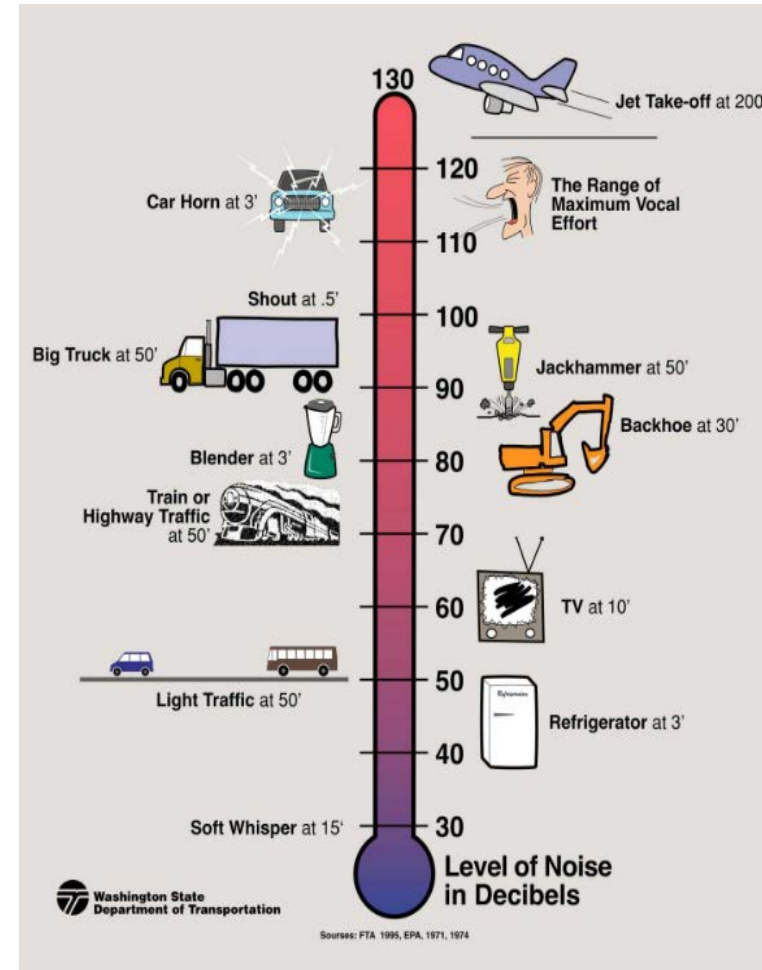
- Equivalent traffic operations performance
- Less Critical Area Impacts
- Less Private Property Impacts
- For full build project length, narrow section is \$9 million less than wide section.

# Noise

Condition	Noise Level
Existing Noise Level	64 to 69 dB
Without Project (w/ growth by 2030)	Add 0 to 1 dB
With Project (No Noise Wall)	Change -2 to 2 dB
With Project (10' to 20' Noise Wall)	Reduce by 2 to 7 dB

## Noise Walls facts:

- 10' to 20' would be in addition to 5' to 20' retaining walls needed
- Will block views
- Need to be continuous to be effective
- Cost approximately \$2M



# January 19<sup>th</sup> Open House Feedback

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- **Preferred Length:** Option 2 – 33% (10 of 30)
- **Acceptable Length:** Option 4 – 70% (21 of 30)
- **Preferred Width:** Wider option – 61% (22 of 36)
- **Construction Phasing:**
  - No phased approach – 56% (18 of 32)
  - If phased, option 4B (to Winters House) – 60% (9 of 15)
- **Aesthetics Design:** Supported – 75% (20 of 28)
- **Noise Walls:** Continue considering – 63% (20 of 32)
- **Project Opposition:** 10% (4 of 40)

Please note that respondents did not always answer all questions.