



# LIGHT RAIL PERMITTING ADVISORY COMMITTEE

## COMMITTEE MEETING

July 2, 2014 | 3:00PM -5:00PM | ROOM 1E-113



# Agenda

- **3:00**
  - Call to Order, Approval of Agenda, Distribution of July 2<sup>nd</sup> Meeting Minutes – Co-Chairs Lynde and Mathews
  - Public Comment
- **3:20**
  - City of Bellevue Noise Code – Kate Berens
- **3:50**
  - Bel Red Tree Mitigation – Sound Transit, City of Bellevue
- **4:10**
  - Bel Red Ancillary Structures -Sound Transit
- **4:50**
  - Public Comment



# City of Bellevue Noise Code

## **Bellevue City Code Section 9.18**

### **Intent**

The intent of the city council is to control the level of noise pollution in a manner which promotes commerce; the use, value, and enjoyment of property; sleep and repose; and the quality of the environment by establishing maximum environmental noise levels applicable within designated areas or zones of the city; to adopt appropriate exemptions to the provisions of this chapter to allow for the functioning of commercial business and the operation of construction and emergency equipment; and to declare certain noise-producing activities to be noise disturbances.



# City of Bellevue Noise Code

## Maximum Permissible Sound Levels by Receiving Property

Maximum Permissible Sound Levels by Receiving Property
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EDNA of Noise Source	EDNA of Receiving Property		
	Class A (dBA)	Class B (dBA)	Class C (dBA)
Class A	55	57	60
Class B	57	60	65
Class C	60	65	70

\*Reduce by 10  
dBA, nights,  
10:00 p.m. to  
7:00 a.m., for  
receiving  
property in  
Class A EDNAs

Residential land use district: Class A EDNA;  
Commercial land use district: Class B EDNA;  
Industrial land use district: Class C EDNA.



# City of Bellevue Noise Code

**Table 1. A-Weighted Levels of Common Sounds, dBA**

Sound	Sound Level	Approximate Relative Loudness*
Jet Plane at 100 feet	130	128
Rock Music with Amplifier	120	64
Thunder, Danger of Permanent Hearing Loss	110	32
Boiler Shop, Power Mower	100	16
Orchestral Crescendo at 25 feet	90	8
Busy Street	80	4
Interior of Department Store	70	2
Ordinary Conversation at 3 feet	60	1
Quiet Car at Low Speed	50	1/2
Average Office	40	1/4
City Residence, Interior	30	1/8
Quiet Country Residence, Interior	20	1/16
Rustle of Leaves	10	1/32
Threshold of Hearing	0	1/64

\*As compared to ordinary conversation at 3 feet. Source: US Department of Housing and Urban Development, Aircraft Noise Impact Planning Guidelines for Local Agencies, November 1972.



# City of Bellevue Noise Code

## CAC Scope of Work on Noise Mitigation

- Noise Wall Materials (Not affecting effectiveness of noise attenuation)
- Noise Wall Texture
- Adjacent Landscaping



# Bel Red Design Tree Mitigation Plan

**Sound Transit Presentation**

Light Rail Permitting Committee



# Bel Red Ancillary Structures

Figure 7

## 130th Station: Ancillary Structures

