MULTNOMAH COUNTY

Updates on Sandy Blvd., Arata Road and 238th Drive Projects

September 24, 2018
Wood Village Public Meeting

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Agenda

NE Sandy Blvd
  – Construction update

NE Arata Road
  – Construction challenges and utility conflicts
  – Updated construction schedule

NE 238th Drive
  – Design update
  – Noise analysis
  – Cost challenges and mitigation plan
  – Public concerns

Questions / Comments
NE Sandy Blvd. Background

• Construction began in March 2018

• New turn lanes, pedestrian crossing signals, pavement and drainage improvements, and bus stop enhancements
NE Sandy Blvd. Update

- Remaining work on south side:
  - paving
  - sidewalk improvements
  - retaining wall fencing
- Construction to be finished mid-October, weather permitting
NE Sandy Blvd. Questions

For more information:

multco.us/sandy

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NE Arata Road Background

- Storm sewer, sidewalk, traffic signal and full rebuild of road from NE 223rd Ave to NE 238th Dr.
- Construction began May 2018
- Completion originally scheduled for late 2018
Construction Challenges & Utility Conflicts

• Conducted standard utility locates during design. Underground utilities owned by PGE, Frontier, Comcast, City and others

• After construction began we discovered:
  – unidentified utilities
  – shallow utilities
  – boulders to be crushed and removed
  – soft ground requiring subgrade stabilization
These conflicts have caused:

- redesigns
- delays in road work
- rework of construction activities
- extension of timelines assigned to temporary construction easements
Updated Construction Schedule

• Construction will not be completed before winter rainy season

• Project will shut down for winter and two-lane traffic flow will be re-established

• Work will resume in spring 2019 for several months, with one-way traffic

• Road work ends summer 2019; planting ends fall 2019
NE Arata Rd. Questions

For more information:

multco.us/arata

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NE 238\textsuperscript{th} Drive Project Background

- Project identified in 2012 East Metro Connections Plan, adopted by City & County

- Wider lanes, shared paths for pedestrians and bikes, stormwater management from NE Oregon St. to NE Arata Rd.
NE 238th Drive Timeline Updates

• Design at 50% completion
  – The following are identified:
    ▪ Project footprint
    ▪ Stormwater management plan
    ▪ Types of retaining walls and locations
    ▪ Environmental impacts
  – Working on details to 90% design

• Schedule
  – Design (2017-2019)
  – Advertise (Fall 2019)
  – Construct (2020)
• Traffic noise predicted to change by -1 decibel (dB) to +2 dB when compared to existing noise levels.

• Average person requires an increase of 3 dB or more to detect an increase in traffic noise levels.

• Any changes to overall traffic noise levels will be undetectable.

• Noise barriers will not be added to project.
NE 238th Drive Design Updates

- Due to safety needs and public input:
  - Planter strips added for safety and stormwater management
  - Wider cross section for road
NE 238<sup>th</sup> Drive Cost Challenges

- 2012 original project cost was at $8M ($800K County match). Estimate was done by ODOT, Metro & consultant.
- 2012 budget based on early concept.
- 30% design estimate is $1.5M over 2012 budget.
- Biggest cost drivers are retaining walls in middle of project and stormwater management facilities.

1. widened lanes (15 foot northbound, 14 foot southbound)
2. 12 foot climbing lane
3. 10 foot multiuse facility (north and south bound)
4. retaining walls in two locations. Opportunities for landscaping.
NE 238th Drive Cost Mitigation

- **Road Closure**
  - Larger work zone cuts cost of walls and construction time
  - Saves $1.3M
  - Improves safety during construction

- **Materials**
  - Asphalt (not concrete) sidewalks saves $200K more
What We’ve Heard So Far

- Concerns about traffic noise at night
- Concerns about pets on hot asphalt sidewalks
- Questions about access to businesses at top of hill
Next Steps

• Continue to take public feedback for traffic plan and design

• Bring design phase to completion
NE 238th Dr. Questions

For more information:

multco.us/238th

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