East Link
Introduction of Amended Memorandum of Understanding

Bellevue City Council
April 6, 2015
Tonight’s Agenda

• Introduction of elements of an amended MOU
  – Including discussion of how noise will be addressed

• Outline next steps
Elements of the Amended MOU

• Financial Reconciliation
• Operations and Maintenance Satellite Facility (OMSF)
• Project Permitting and Mitigation
• Project Coordination (covered March 30)
Financial Reconciliation

• $100 million up front contribution will be met
  – Property as originally included in the 2011 MOU
  – Private utilities credit
  – Public utilities payment
  – 112th overlay credit
  – Bellevue Way HOV grant contribution
Financial Reconciliation

- $60 million contingent contribution eliminated
- $25 million from Sound Transit
  - East Link permitting and inspection fees
  - Additional property impacts
- Sound Transit will transfer ownership of a number of properties to the City
130th Station Property
(Current 90% Design Shown)

**ST:**
- Demolish buildings
- Construction staging
- Construct intersection improvements at 130th and 132nd
- Turned over to City to facilitate development of TOD and transit parking prior to East Link opening

**City/Developer:**
- Provide 300-stalls for transit parking
- Construct roadway frontage improvements on 130th and 132nd

**Option:**
- City may have the Sound Transit contractor construct westbound lane between 130th and 132nd
Amended MOU - Operations and Maintenance Satellite Facility (OMSF)

- Should Sound Transit select the Bel-Red site
- Amended MOU includes section to address OMSF
- Language stating no expansion of boundaries or number of rail cars served at OMSF
- Includes exhibits
  - Development scenarios
  - Property exchange
  - Proposed code amendment
Operations and Maintenance Facility
Graphic from Sound Transit Board Site Selection Meeting July 2014
OMSF – Phase 1 and Phase 2
Amended MOU – OMSF Phase 1

- Design elements of facility integrated to existing and future surroundings
- Allowance for future transit oriented development (TOD) adjacent to operating facility
  - Overall facility design
  - Design of future street network
  - Utility design and construction to parcels 1, 2 and 3
- Commissioning of a market analysis for future TOD
- Based on results of market analysis negotiate Development Agreement for Phase 1 parcels
- Provides potentially
  - 1,102,300 s.f. Office
  - 130,000 s.f. Retail
Amended MOU – OMSF Phase 1

- Non-motorized connections between 120th and the future Eastside Rail Corridor (ERC) trail system
  - North connection constructed with OMSF
  - South connection constructed with road network
- Sound Transit commits to construct ERC interim trail between Hospital Station and SR 520 (requires King County approval)
- Accommodate future daylighting of West Tributary to Kelsey Creek
Tri-Party Agreement – OMSF Phase 2

- Relocation of 120th Avenue NE
- Triggers changes to Metro Transit Facility
- Allows for 2 more parcels for redevelopment
- Separate tri-party agreement between City, Sound Transit and King County
- Provides additional potential
  - 268,250 s.f. Office
  - 65,000 s.f. Retail
  - 410,000 s.f. Residential
- Total 1,975,550 s.f. potential development
East Link Project Permitting and Mitigation

- MOU does not waive city permitting, standards, or mitigation requirements
- Light Rail CAC continued review, input and advisory documents
- MOU provides increased certainty for City
  - Environmental mitigation
  - Noise mitigation
  - Construction maintenance of traffic
- MOU provides increased certainty for Sound Transit
  - Timely permitting review and approval
  - Fixed fee for East Link permit review, approval and construction inspection
Amended MOU – East Link Project Permitting and Mitigation

- Role of timely permit application and issuance in overall project delivery
- Recognition and elimination of construction inspection overlaps
- Adds efficiencies in construction
- Agreed scope of services
- Establishes a Collaborative Construction Program to manage to schedule, budget and agreed scope
Amended MOU
East Link Mitigation

MOU addresses items for project and construction mitigation, including:

• Outreach
• Maintenance of Traffic
• South Bellevue Park and Ride Closure
• Construction Noise
• Operational Noise
Amended MOU – East Link Outreach

• Sound Transit lead all construction outreach
• City of Bellevue Neighborhood Traffic Safety Services (NTSS)
  – NTSS staff to work with neighborhoods and ST contractors
  – Address traffic related impacts during construction
  – Identify mitigation measures to be implemented by contractor
Amended MOU – East Link Maintenance of Traffic

• Contractor to develop traffic control plans in collaboration with Sound Transit and City
• Traffic control plans finalized and approved through City Right-of-Way Use permit process
• Sound Transit and contractor shall seek ways to minimize impacts to:
  – Bellevue Way SE
  – 112th Avenue SE, road over rail
  – 110th Avenue NE, north portal
  – NE 20th Street/136th Avenue NE intersection
• Evaluate use of project milestones for reducing length of road impacts and liquidated damages for delays
• Specifically related to Bellevue Way SE
  – Sound Transit and contractor shall to the extent practicable, make a good faith effort to reduce the duration of lane closures
Amended MOU
South Bellevue Park and Ride

• Minimize closure to extent practical
• Identification and implementation of alternate parking and transit access
• Use of project milestones for garage completion and liquidated damages for delays
• Investigate reasonable opportunities to make a portion of the Park and Ride available prior to completion of the South Bellevue Station
Construction Noise

• Construction noise must meet city codes

• City code
  – Prohibits construction noise outside the hours
    • 7 a.m. and 6 p.m. Monday to Friday
    • 9 a.m. and 6 p.m. Saturday
    • Prohibited Sunday and legal holidays

• Some sounds are exempt
  – In commercial and industrial areas
  – Residential areas with time restrictions
Construction Noise

• Expanded hours may be authorized
  – Transportation mitigation (evening haul routes, etc.)
  – Construction on schools or essential government facilities that cannot be done during exempt hours
  – Site stabilization (fall prior to winter weather)
  – Emergency work

• Sound Transit has identified some larger work items they would request extended work hours
  – South portal construction one potential area
Amended MOU – Construction Mitigation

• Final timing of installation of noise walls or alternatives will be established in construction permits
• Installation of permanent noise walls as early as technically feasible and practical
• South portal temporary noise walls installed as first order of work as a requirement of the construction permits
Noise Background

• Much interest in how noise is addressed for both:
  – Operational noise
  – Construction noise

• Additional background information necessary

• Understand that city codes and MOU provide mitigation beyond what is identified in Record of Decision
# Operational Noise Along the Alignment

<table>
<thead>
<tr>
<th>Noise Source</th>
<th>Mitigation as part of Design &amp; Mitigation Permit(s)</th>
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| Bells and Warning Devices    | - Sound level reduced during nighttime 10pm to 6 am  
                                        - Directional bells  
                                        - Bells and warning devices located at ped crossings  
                                        - Road over Rail reduced number of crossings and warning devices |
| Crossovers and Switches      | - Designed to meet noise criteria where they are installed  
                                        - Can be modified to ensure switch function continues to operate within standard |
| Wheel Squeal                 | - Potential for wheel squeal on curves 600-feet or less  
                                        - Rail lubricators installed prior to curves 600-feet or less  
                                        - Curves greater than 600-feet will accommodate lubricator if needed |
## Operational Noise Along the Alignment

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| **Train**                              | - LRT designed with wheel skirts (cover over wheel wells) to reduce noise from rail-wheel interference  
- O&M program  
  - Rail grinding  
  - Vehicle wheel truing and replacement  
  - Vehicle maintenance  
  - Operator training, operate under speeds used in noise analysis  
- Re-profile the rails to better match the wheels  
- Maximize use of ballasted track (quieter than paved) |
| **Traction Power Sub-  
Stations (TPSS)** | - Subject to Noise Code Ch 9.18  
- Designed to be enclosed within structures or with surrounding walls to mitigate noise                                                                                                                                  |
Operational Noise Along the Alignment

City’s technical analysis concluded certain additional measures were needed

South Bellevue
- Installation of noise walls as planned to meet Federal Transit Administration (FTA) guidelines
- Add additional height and length to noise walls as necessary to meet city code
- Ensures noise of light rail is at or below the existing ambient levels

Lake Bellevue
- Acoustic panels adjacent to the track per FTA to mitigate at or below existing ambient levels

Bel-Red
- New residential construction along the alignment are required to install sound proofing
Amended MOU
Operational Mitigation

• Establishes:
  – Noise and vibration monitoring plan
  – Performance standards for light rail operations
  – Should there be an exceedance, timely compliance and retesting
Project and Construction Mitigation
Draft Mitigation Map
Project and Construction Mitigation

Draft Mitigation Map

LEGEND

- AT-GRADE TRACWAY
- ELEVATED TRACWAY
- RETAINED CUTOFF TRACWAY
- SOUND WALL
- CONSTRUCTION SOUND WALL

Mitigation Mitigation

- Draft Mitigation Map

EXHIBIT O - MITIGATION
Amended MOU - Project Coordination

- Covered March 30\textsuperscript{th}
- Efficiencies in project delivery
- Sound Transit work performed by the City
- City work performed by Sound Transit
- Agreement in scope, timing, reimbursement
Continued Community Outreach

• East Link web pages updated tonight/tomorrow
  – Recent Council presentations/information
  – Fact sheets (OMSF, Noise, Parks/Open Space)
  – Mitigation map (attachment to MOU)
• Community briefings (Steering Committee)
• Kate March 425-452-2055
## Next Steps

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>April 8</td>
<td>MOU Document Available On-Line</td>
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<tr>
<td>April 13</td>
<td>Public Hearing-To gather input on the proposed MOU (Written comments will be accepted until April 19)</td>
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<tr>
<td>April 20</td>
<td>Council Discussion and Potential Action</td>
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Questions?