ISSUE PAPER NO. 24

TOPIC: Noise Methodology and Criteria

ACTION SPONSOR TEAM: Environmental Action Team

PRIMARY AUTHOR(S): Environmental Action Team

APPLICABLE PROJECTS: All Sound Transit projects.

ISSUE: Noise Analysis Guidance

DATE APPROVED: February 1, 2001

BACKGROUND:

FHWA and FTA have different methodologies and criteria for noise analysis.

DECISIONS:

<table>
<thead>
<tr>
<th></th>
<th>Co-lead</th>
<th>FTA-Only</th>
<th>FHWA-Only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Point Source e.g. Park &amp; Ride Transit Center</td>
<td>FTA</td>
<td>FTA</td>
<td>FTA</td>
</tr>
<tr>
<td>Line Source</td>
<td>FHWA</td>
<td>FHWA</td>
<td>FHWA</td>
</tr>
</tbody>
</table>

FHWA methodology and criteria (line source) will be used for the roadways to the intersection with the physical boundary of the point source (e.g. curb line of a park and ride lot). For the point source, use FTA methodology and criteria contained in FTA’s Transit Noise and Vibration Assessment. In areas
where the line source analysis area and point source analysis area overlap, the FHWA line source methodology and criteria will be used. Contact Sound Transit’s Environmental Compliance Division staff for copies of FHWA and FTA guidance.
ENVIRONMENTAL ACTION TEAM DECISION ON ISSUE PAPER NO. 24

Noise Analysis

AGREED TO ON FEBRUARY 1, 2001 BY:

Linda Gehrke, Deputy Regional Director Administrator, FTA

Perry Weinberg, Environmental Compliance Manager, ST

Sharon P. Love, Environmental Program Manager, FHWA

Martin Palmer, Environmental Manager, WSDOT