



HS-P14.10



When evaluating projects with new vibration-sensitive uses near an existing railroad or BART line, use Table HS-X to evaluate whether the project could expose the sensitive uses to excessive groundborne vibration. Projects with sensitive uses within the screening distances identified in the table would require preparation of a groundborne vibration and noise evaluation that is consistent with Federal Transit Administration-approved methodologies.

TABLE HS-X: RAIL VIBRATION SCREENING DISTANCES

Type of Rail	Distance in Feet		
	Land Use Category 1	Land Use Category 2	Land Use Category 3
Conventional Commuter Rail or Rapid Transit (BART)	600	200	120

Notes:
 Land Use Category 1: Vibration-sensitive research and manufacturing, hospitals, vibration-sensitive equipment, universities conducting vibration-sensitive research, concert halls, recording studios, and theaters.
 Land Use Category 2: Residential, hotels, and hospitals without vibration-sensitive equipment.
 Land Use Category 3: Institutional uses such as churches, and schools/ offices without vibration-sensitive equipment.

HS-P14.11



Provide appropriate measures along major transportation facilities/corridors to reduce impacts on adjacent noise-sensitive land uses. (3)

Actions

HS-A14.1



Adopt a noise ordinance establishing exterior noise standards for stationary, non-transportation sources and construction sources at receiving sensitive land uses. (11-f, 11-b)

HS-A14.2



Pursue General Quiet Zone status for rail crossings that are a noise nuisance to nearby residential areas and other noise-sensitive land uses.

