

Summary of Alternatives

Social, Economic, and Environmental Effects

Viaduct Alternative

Community Grid Alternative (PREFERRED ALTERNATIVE)

Air Quality

Both Alternatives

- Mesoscale:** • Lower emissions of all modeled pollutants when compared to No Build
- Microscale:** • Particulate matter concentrations would be below the National Ambient Air Quality Standards (NAAQS) and would be similar to conditions under the No Build Alternative.
- Construction:** • Pollutant concentrations would not exceed the NAAQS.

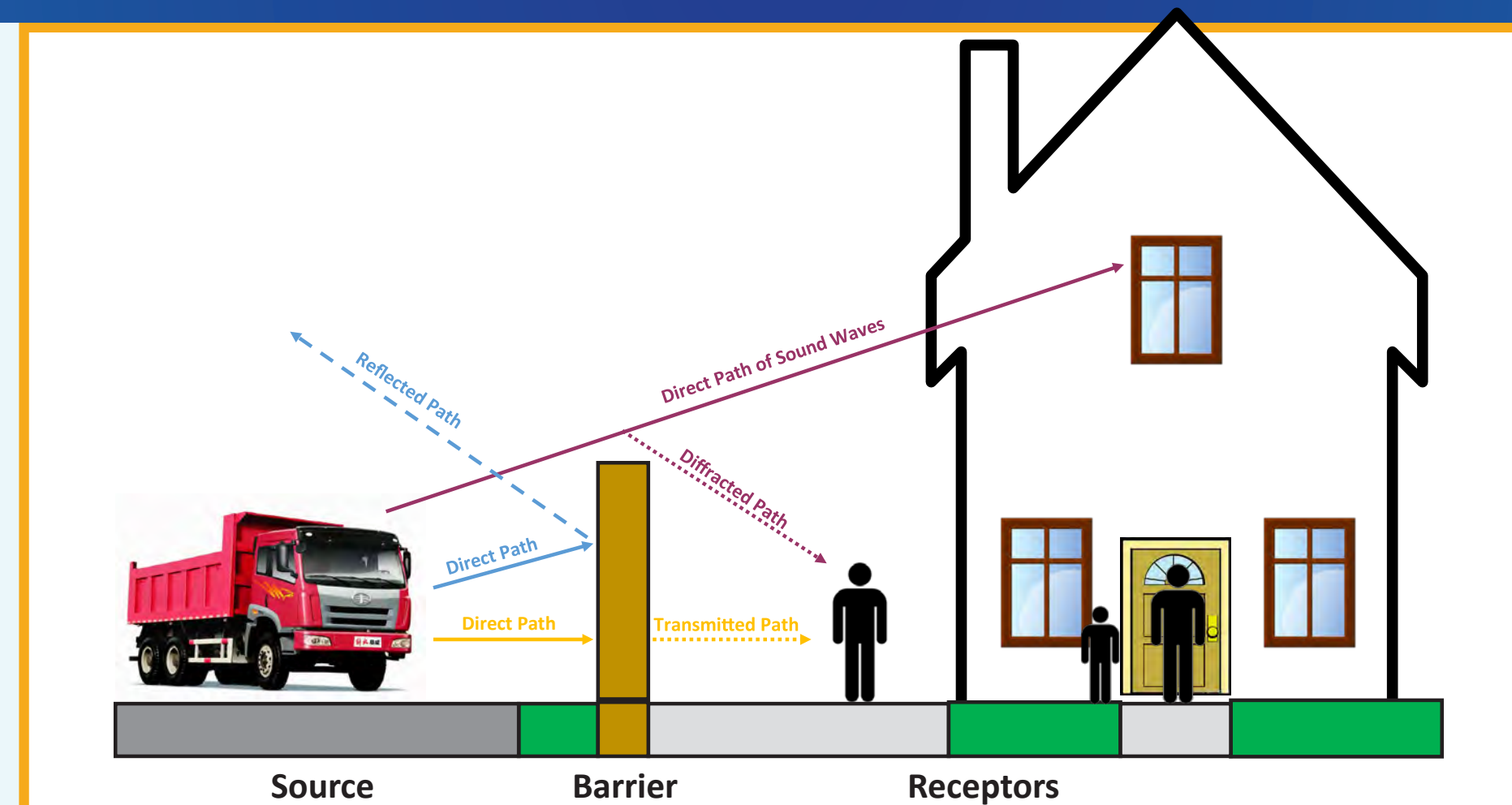
Energy and Climate Change

Both Alternatives

- Decrease in operational greenhouse gas emissions and energy use
- Construction of two new stormwater trunk lines which would reduce runoff volumes to the combined sewer system by an estimated 173 million gallons per year, decreasing frequency and magnitude of overflow events.

Noise

- 1,196 impacted receptors
- Recommended noise barriers: 15
- With abatement: 823 impacted receptors



- 996 impacted receptors
- Recommended noise barriers: 15
- With abatement: 712 impacted receptors

Water Resources

- Temporary impacts to Onondaga Creek (65 linear feet)



- Permanent impacts to North Branch Ley Creek (10 linear feet)
- Temporary impacts to Onondaga Creek (65 linear feet) and North Branch Ley Creek (15 linear feet)
- Improvements to Mud Creek (e.g., streambed restoration, habitat connectivity, floodplain enhancements, and riparian corridor enhancements)

General Ecology and Wildlife Resources

Habitat removal (e.g., field, forest, shrubland): 305 acres



Habitat removal (e.g., field, forest, shrubland): 1050 acres

Asbestos and Lead, Hazardous Waste, and Contaminated Materials

Both Alternatives

Structures removed or reconstructed may contain Asbestos-Containing Material (ACM) and/or lead, which would be abated and handled in accordance with applicable State and Federal regulations.

Detailed assessment of each structure removed or reconstructed would be completed prior to its acquisition and removal.