

# Vent Plants

- Three vent plants are required for Alternative 3B Revised: one at the north portal, one at an intermediate tunnel location, and one at the south portal.
- The vent plant ensures good air quality in the tunnels during operations:
  - Fans would run up to approximately 8 hours per day. Fans would not run continuously, but in shorter periods of approximately 1 to 2 hours at a time.
  - With noise attenuation, vent plants would be designed to emit a maximum of 50 dBA.\*
- Louver requirements for air flow:
  - Bottom of louvers must be a minimum of 12 feet above the ground, and
  - 3,000 square feet of louver area.



Example: THE-Dyer Ave (Rendering)  
New York City

\* 50 dBA = approximately the noise produced by an indoor air conditioner at a distance of 3 feet