

DRAFT ENVIRONMENTAL IMPACT STATEMENT AND DRAFT SECTION 4(f) EVALUATION

## **APPENDIX 12**

# **Noise and Vibration**

### 12-1: Construction Assumptions Used in Noise Analysis





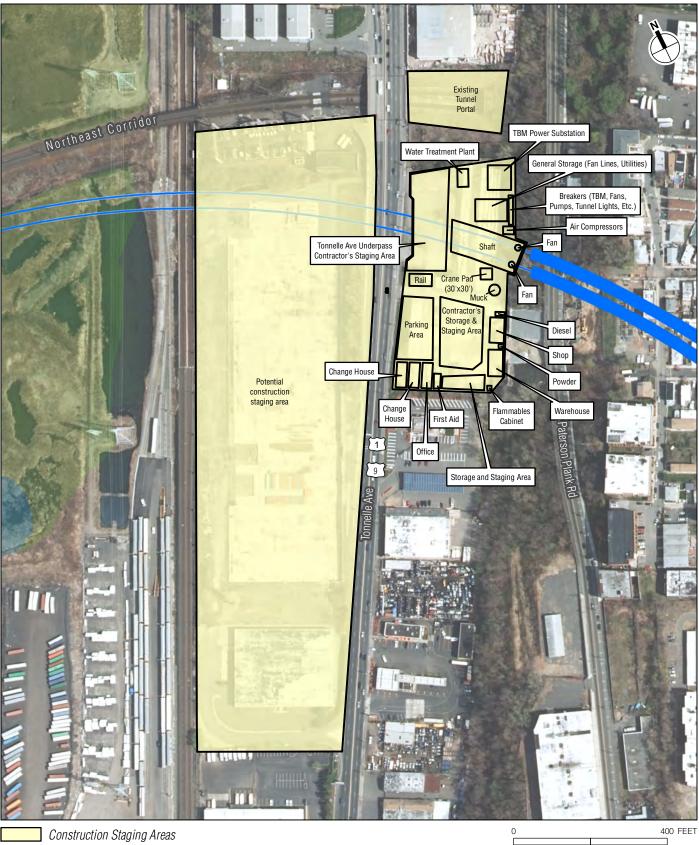
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# **Construction Assumptions Used in Noise Analysis**





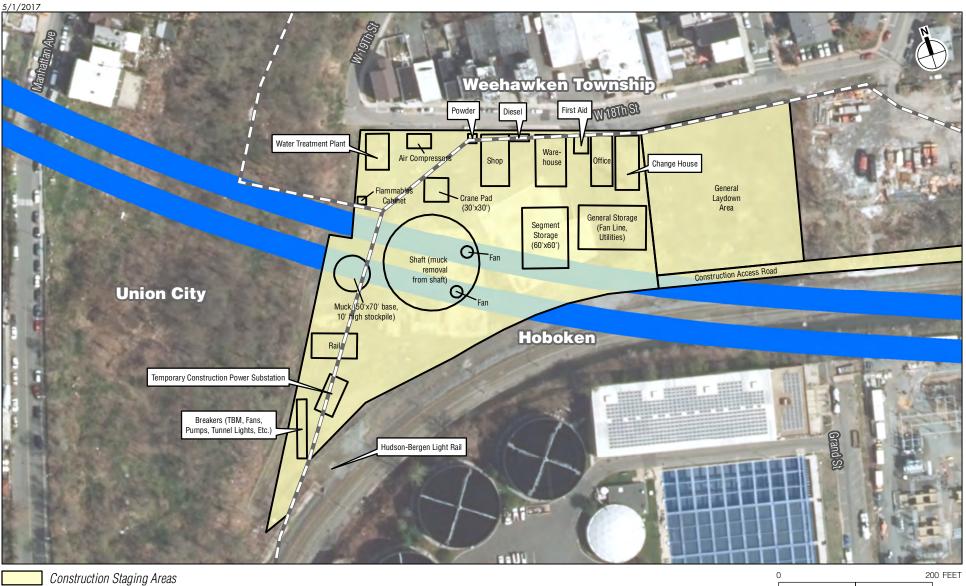


Construction Staging Areas
Proposed New Tunnel
Proposed Surface Tracks

Tonnelle Avenue Staging Area Conceptual Site Layout



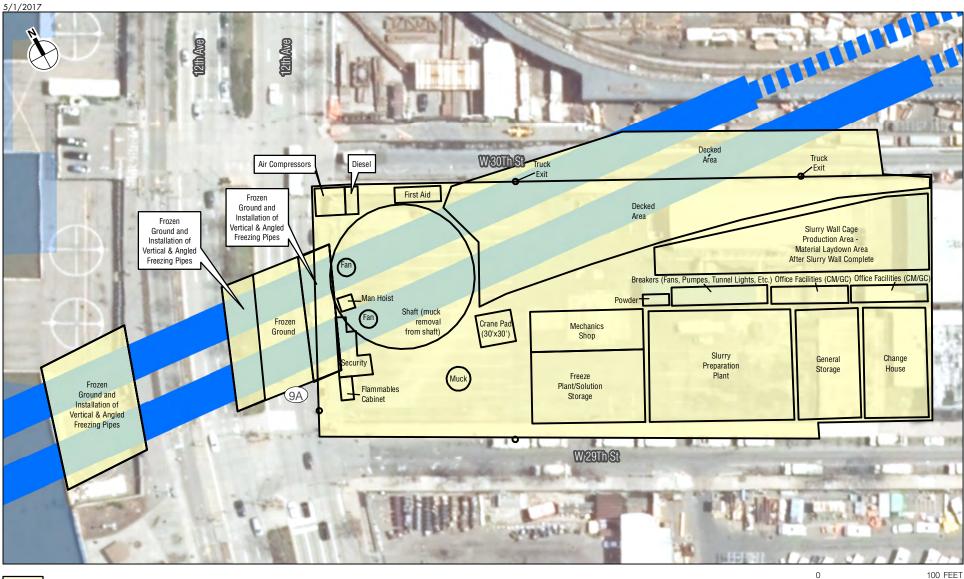
5/1/2017



Proposed New Tunnel Municipal Boundaries

> Hoboken Staging Area Conceptual Site Layout





Construction Staging Areas Proposed New Tunnel

Hudson Yards R.O.W. Preservation

Twelfth Ave Staging Area Conceptual Site Layout

