



## THE VIRGINIA AVENUE TUNNEL

### **Virginia Avenue Tunnel – Construction Mitigation Plan**

CSX is committed to providing extensive mitigation to anticipate and address disruptions the Virginia Avenue Tunnel project may create for the nearby community.

Experts applied federal standards to conduct rigorous modeling and testing to identify potential impacts and then develop plans to offset disruptions to our D.C. neighbors. Throughout construction, we will use a comprehensive monitoring program to make sure those plans are effective and, if needed, we will adjust our approach. The project team will monitor and record air quality, noise and vibration conditions, and regularly post results on the project website ([www.virginiaavenuetunnel.com](http://www.virginiaavenuetunnel.com)).

Our comprehensive mitigation plan ensures access for emergency vehicles, first responders and residents; promotes safety; and addresses the full range of possible impacts, such as noise, vibration and dust. Construction-mitigation activities will include:

#### ***Reducing Noise and Vibration***

- Conducting train operations entirely underground in front of residences.
- At sensitive locations, setting up fencing with noise-dampening blankets to act as a noise barrier.
- Using construction methods to limit noise and vibration such as drilling support piles instead of driving them. This is like using a power drill and a screw instead of using a hammer and nail – there is less noise and vibration produced by the power drill and screw.
- Limiting high-vibration activities to weekday daytime hours.
- Minimizing the use of residential streets in routing heavily loaded trucks.
- Notifying residents and businesses about upcoming high-noise-producing activities and providing a clear process to address noise complaints.

#### ***Maintaining Air Quality***

- Controlling dust at the construction site.
- Setting up windscreens, using watering trucks and sprinklers to limit dust, routinely cleaning roads, and covering trucks and material stockpiles to prevent dust and dirt.
- Taking proactive steps to limit emissions, such as turning off the engines of construction vehicles and using emission-control devices as outlined in EPA regulations.

#### ***Ensuring Safety***

- Installing extensive security fencing, barricades, signage and lighting to prevent unauthorized access to construction zones and train operations.
- Using perimeter fencing that is at least 8 feet tall and providing high fencing at cross streets.
- Employing closed-circuit cameras and motion detectors.
- Assigning dedicated railroad police officers to the project.
- Having a safety officer present during all construction activities to oversee safety protocols.

- Following all Federal Railroad Administration safety procedures and regulations to protect construction workers and the general public while ensuring the safety of trains moving through the construction site.

#### ***Providing Access for Residents and First Responders***

- Ensuring access to all homes, businesses and other facilities for residents and emergency responders. All cross streets will be open during construction.
- Working closely with the District Department of Transportation to continually update the Maintenance of Traffic plan.

Construction mitigations are just one component of a larger plan that addresses community concerns and minimizes disruptions. CSX is also providing a residential mitigation program to offset inconveniences. We also have a proven claims process to address actual damages. Residents will be offered a pre-construction inspection to document the pre-construction condition of their homes and help expedite the claims process if damage does occur. If unforeseen problems or damages occur, accepting CSX's residential mitigation funds does not in any way preclude residents from filing claims for actual damages.

#### **Our Commitment to the Neighborhood**

CSX is committed to completing this project safely, efficiently and in a way that address community concerns and leaves a great neighborhood even better. The project team looks forward to working closely with residents and businesses to minimize impacts and to ensure they are informed about construction plans.

We invite you to visit our Community Office at 861 New Jersey Avenue SE, contact (800) 494-1049 or send a message through [www.virginiaavenuetunnel.com](http://www.virginiaavenuetunnel.com) if you would like more information during the construction period.