

## West Shoreway Pedestrian Tunnel Reconstruction



*West 76<sup>th</sup> Street Tunnel at Dusk*

- Tunnels provide welcoming, safe, and navigable connections for pedestrians, bikers, and people with strollers
- **Cost:** \$5,000,000
- **Funding Sources**
  - Ohio Department of Transportation
  - City of Cleveland

County: Cuyahoga  
(Cuyahoga District 3)



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After completion of the Cleveland Waterfront District Plan, City Architecture began the initial phases of implementation by developing the Lakefront West Plan. This project addresses the Memorial Shoreway, a barrier that divides the City's neighborhoods from Lake Erie. The redevelopment plan extends from Edgewater Park on the west side, to East 25th Street on the east, and proposes to transform the under-utilized highway to a grand, tree-lined byway, complete with 2 miles of continuous lakefront bike path that tie into existing neighborhoods and Edgewater Park.

A major part of the Lakefront West Plan was the restoration of pedestrian tunnels that connect West Side neighborhoods directly to Edgewater Beach and Upper Edgewater Park, running beneath a busy railroad line and the West Shoreway. The tunnels serve to improve lakefront access and are a great improvement from the dank, foreboding underpasses that previously existed.


### Contact:

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## Pre-Renovation Conditions



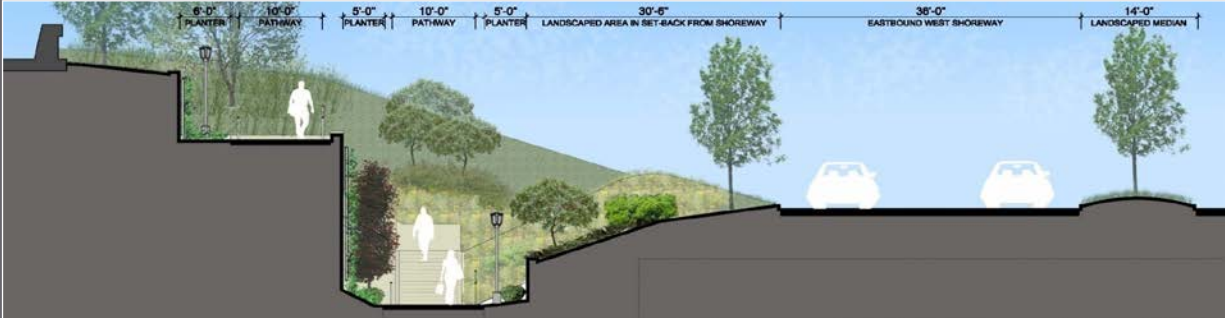
*Stairs limited access to the waterfront*



*Tunnels were dark and uninviting*




*Lacked connection to Edgewater Park*





*24-foot grade change required extensive study to provide optimum and accessible transitions*

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Prior to enhancement of two key pedestrian tunnels, access points to Edgewater Park and the Lakefront felt unsafe and disconnected. Dark tunnels, steep stairs and erosion issues diminished their usability as they were impassable to many, particularly those with special needs.

## Landscaping, Public Art, and Green Infrastructure

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Working with the project's engineers, the team developed a series of catchment zones for the capture and treatment of stormwater. Together, the zones use sustainable means of handling 60,000 gallons of stormwater, from bioretention cells and extended dry detention basins to bioswales and permeable paving.

An artistic rendering of a glacier surrounds the opening of the upper tunnel and can be seen by Shoreway drivers. LAND Studio and Artist Mark Reigelman designed the work, a nod to the ice formations that carved out the Great Lakes thousands of years ago.

## Reclaiming and Activating Spaces



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Since opening in summer 2013, the renovated tunnels have seen tremendous activity and are successful in the goal to better connect West side neighborhoods with the lakefront.

## Pedestrian Tunnel Connections



### Amenities:

- New switchback ramps provide wheelchair and bike access, panoramic views of the lake, and a safe link between Cleveland's waterfront and West side neighborhoods
- West 76<sup>th</sup> Street Tunnel connects directly to Edgewater Beach and Lake Avenue Tunnel to Upper Edgewater Park

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