



# Heroes Tunnel Project

**Wilbur Cross Parkway (Route 15)**  
**Woodbridge/New Haven/Hamden, Connecticut**  
State Project No. 167-108

Department of  
Transportation



Prime Consultant  
*CDM Smith*



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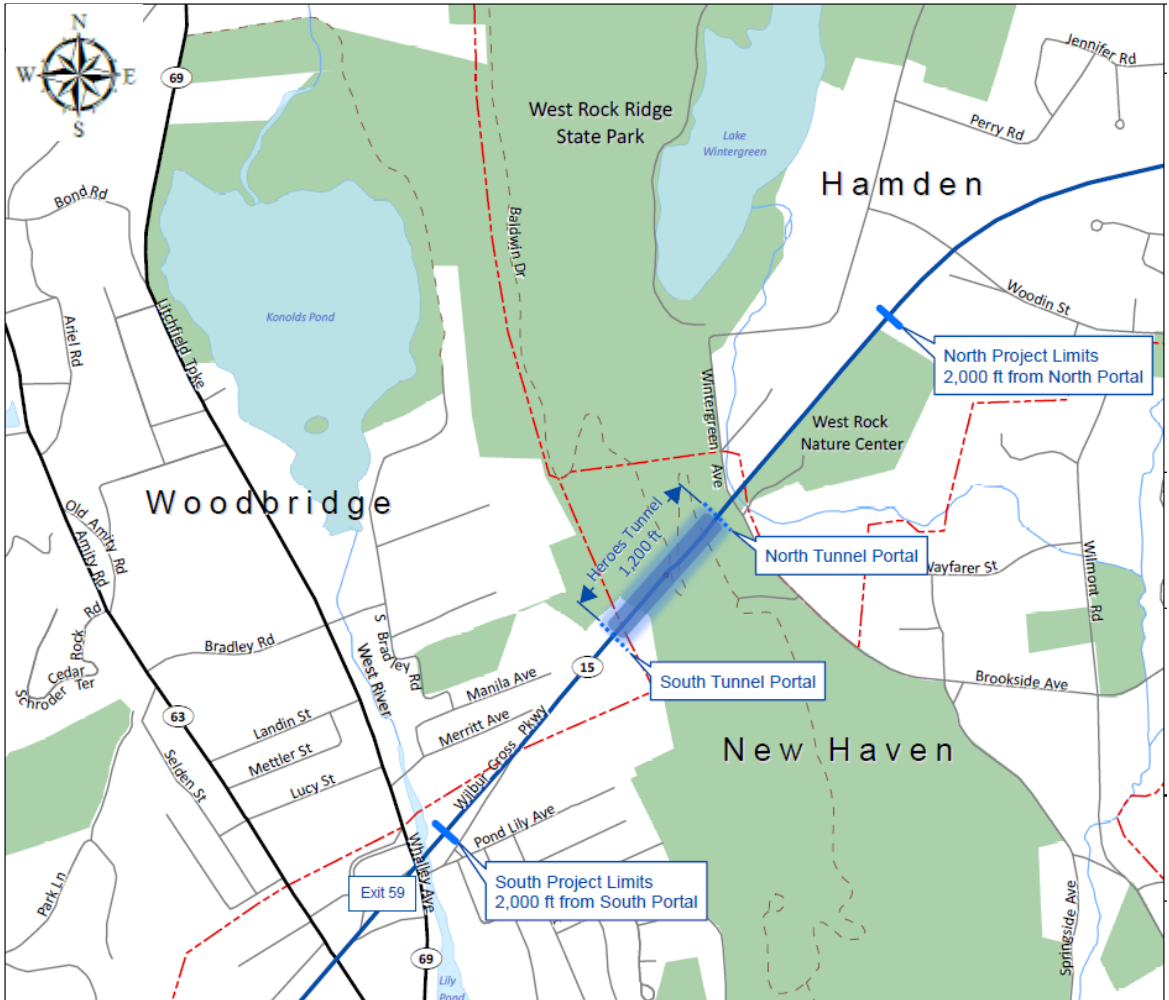
Office of Rights-Of-Way  
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**Paul Stanton**  
***Fitzgerald & Halliday***  
*Environmental Specialist*



*Please refer to the Project Location Map, below.*

The project begins on Route 15 (Wilbur Cross Parkway) just north of Exit 59 (Route 63/Route 69 New Haven Woodbridge) in New Haven, extending northerly through the Heroes Tunnel and ends approximately 1,000 feet north of the Wintergreen Avenue overpass in Hamden.



*Project Location Map*

## **Purpose Objective:**

The project will address existing safety, structural and geometric deficiencies of the Heroes Tunnel. The general deterioration of the tunnel requires either rehabilitation or replacement; both potential approaches have been studied by the Department of Transportation and CDM Smith and summarized in the November 2014 Alternative Construction Options Study Report and the June 2016 Supplement.

## **Description:**

The potential improvements include several options involving rehabilitating the existing tunnel, replacement of the tunnel, enlargement of the existing tunnel, and construction of a third barrel, or a combination thereof. The most significant option consists of a new northbound barrel along the eastern side of the tunnel with new access roadways on the approach and departure from the barrel portals.

All alternatives will be analyzed and properly vetted through the National Environmental Policy Act (NEPA) and Connecticut Environmental Policy Act (CEPA) documentation process.

The Heroes Tunnel Project and the CTDOT Exit 59 (Route 63/Route 69 New Haven Woodbridge) Project are separate initiatives to correct and improve different needs and deficiencies on the Wilbur Cross Parkway (Route 15). Both projects have independent utility as individual, stand-alone projects. However, the CTDOT project teams will continuously coordinate during the design and construction phases to ensure compatibility.

## **Rights of Way:**

There are anticipated right-of-way impacts associated with the proposed improvements to allow for drainage easements and temporary construction easements.

## **Traffic Management Assumptions:**

The November 2014 Study provides an extensive traffic management analysis of several options for rehabilitating or replacing the tunnel, with conclusions documenting unacceptable delays with rehabilitation of the tunnels.





Construct a New One Lane Barrel, Rehabilitate Existing Barrels



Construct a New Two Lane Barrel, Rehabilitate Existing Barrels



Construct a New Two Lane Barrel, Rehabilitate One Existing Barrel, Abandon Other Existing Barrel



Construct a Temporary Bypass Barrel, Enlarge Existing Barrels







Enlarge Existing Barrels, while Maintaining Traffic, using Protective Shield



Rehabilitate Existing Tunnel by Complete Shutdown of One Barrel



Rehabilitate Existing Tunnel by Partial Shutdown of One Barrel

	Rehabilitate
	New Construction
	Temporary
	Abandon



*View of Route 15 bridges over Wintergreen Avenue and Wintergreen Brook*



*View from south portal looking south towards Exit 59*

## Estimated Construction Cost:

\$200 million

## Funding:

Federal and State

## Anticipated Project Schedule:

- Acceptance of NEPA/CEPA Documentation: Spring 2019
- Preliminary Design Completion: Spring 2020
- Construction is anticipated to start in the Spring of 2022

## Comments and Additional Information:

Documents and other information are available for public inspection or copying at the Connecticut Department of Transportation Engineering Office at 2800 Berlin Turnpike, Newington, Monday - Friday, between the hours of 8:00 a.m. and 3:30 p.m., holidays excluded.

All comments and recommendations made at this meeting will receive careful consideration by the Connecticut Department of Transportation. As a result of the information gained at this meeting, some of you may wish to make additional statements. Additional statements or comments can either be provided through the "Comment/Subscribe Page" of the project website ([www.heroestunnelproject.com](http://www.heroestunnelproject.com)), or made in writing. Written statements or comments should be sent to:

**Mr. David A. Cutler, P.E.**

Transportation Supervising Engineer  
Connecticut Department of Transportation  
Bureau of Engineering and Construction  
2800 Berlin Turnpike  
Newington, CT 06131  
or by email at: [david.cutler@CT.gov](mailto:david.cutler@CT.gov)



Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

*Please provide comments below:*

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*Check here if you would like a response via telephone*

**Written statements are requested by November 8, 2017. Statements or comments can also be provided through the “Comment/Subscribe Page” of the project website, [www.heroestunnelproject.com](http://www.heroestunnelproject.com).**



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**MR. DAVID A. CUTLER, P.E.**  
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Connecticut Department of Transportation  
Bureau of Engineering and Construction  
2800 Berlin Turnpike  
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**STATE PROJECT NO. 167-108**

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