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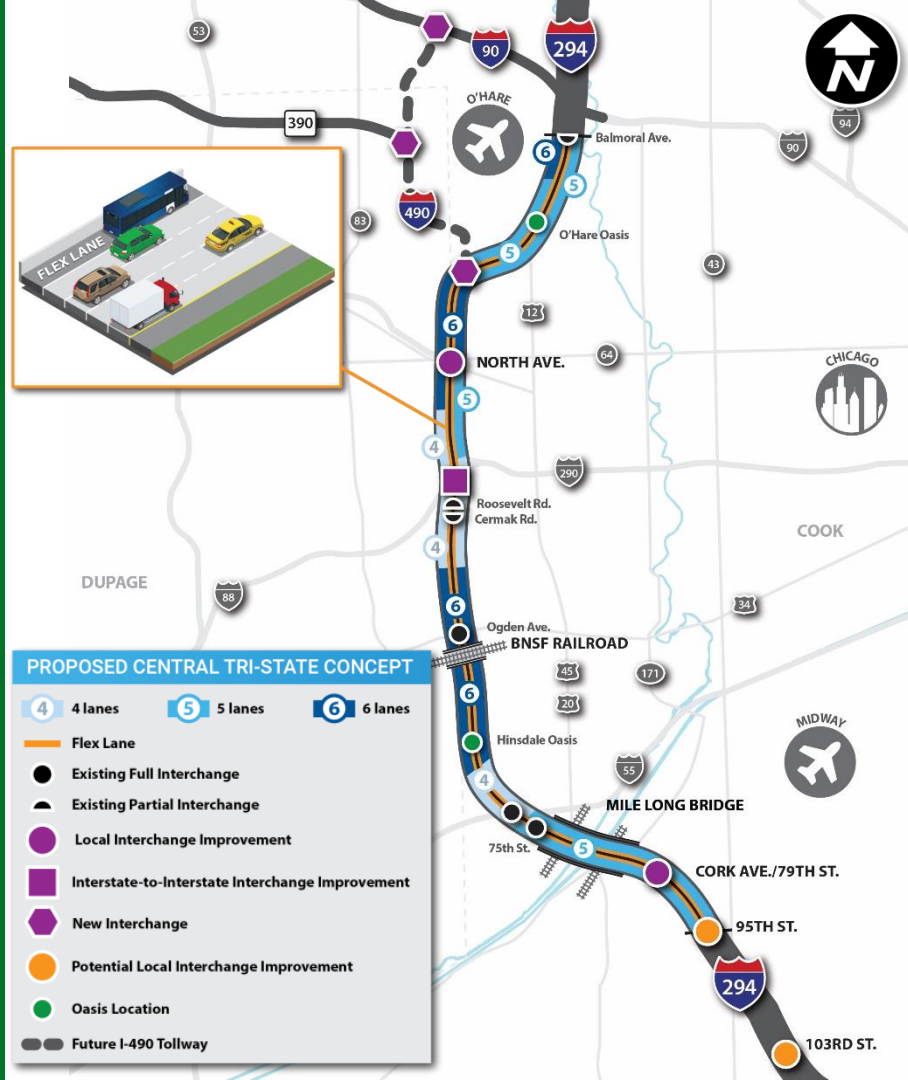
# Central Tri-State Tollway (I-294) Project

*Proposed Noisewalls in Western Springs*

Presented by Bryan Wagner  
February 2019

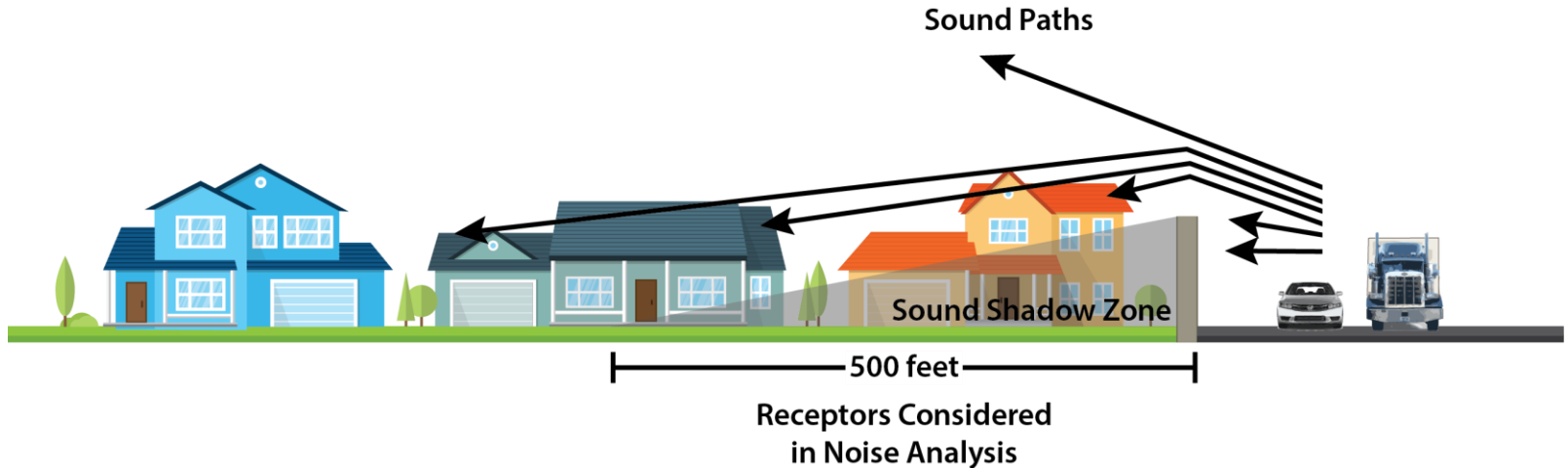
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# Central Tri-State Concept



# Purpose of a Noisewall

Noisewalls are designed to provide a reduction in traffic noise for the majority of the first row of residences located directly behind the wall



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# Determining the Need for a Noisewall

- 1 FHWA's Traffic Noise Model is used to determine current and future noise levels
- 2 Field monitoring ensures the modeled current noise levels are in line with those that were monitored
- 3 If warranted, noise analysis is conducted to determine if noise abatement meets Tollway policy criteria

The ability to effectively reduce traffic noise, the density of receptors, the distance from the roadway and overall cost effectiveness are among many factors considered.



# Proposed Noisewalls in Western Springs




- All existing noisewalls will be replaced
- Pre-cast concrete formliner

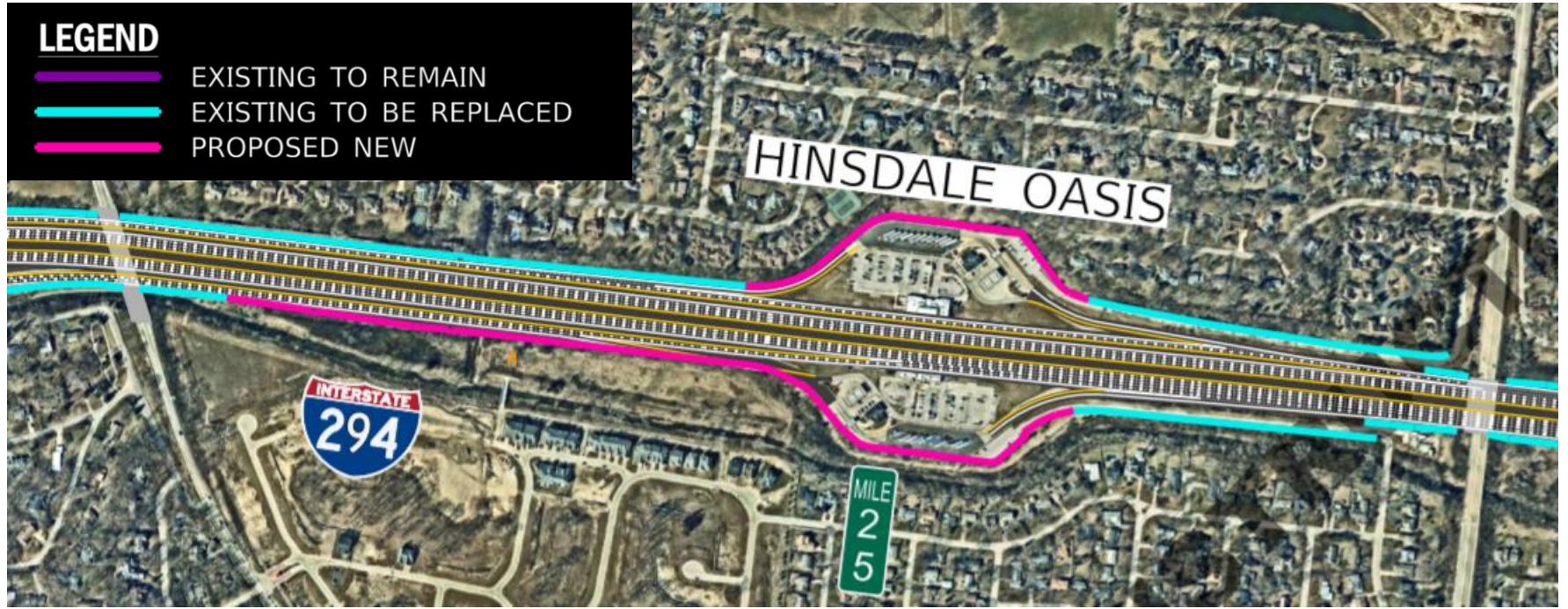


# New Proposed Noisewalls

## *Plainfield Road to Hinsdale Oasis*

### LEGEND

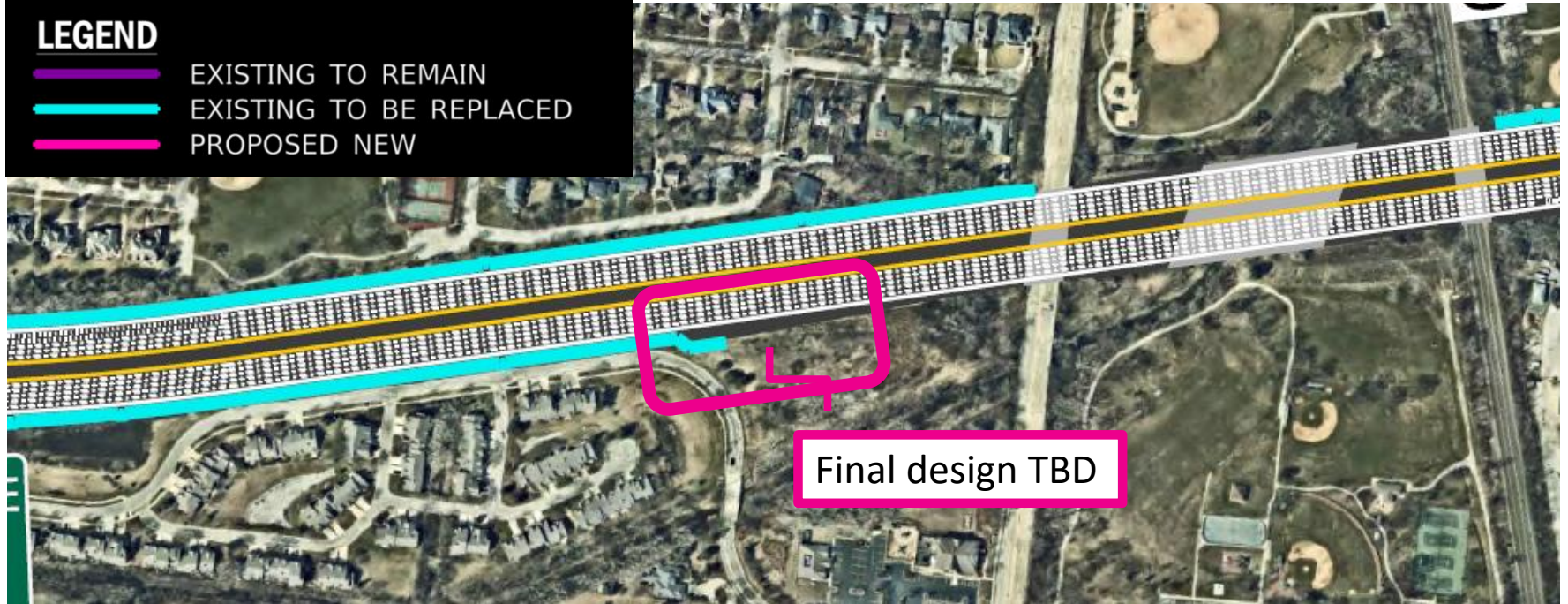
-  EXISTING TO REMAIN
-  EXISTING TO BE REPLACED
-  PROPOSED NEW



# Noise Abatement Options Near 47<sup>th</sup> Street

## LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REPLACED
- PROPOSED NEW



# Existing Noise Abatement Berm to Remain





**For more  
Information**

## **About the Project**

[illinoistollway.com/outreach](http://illinoistollway.com/outreach)

## **Construction Information**

[illinoistollway.com/projects](http://illinoistollway.com/projects)

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# THANK YOU