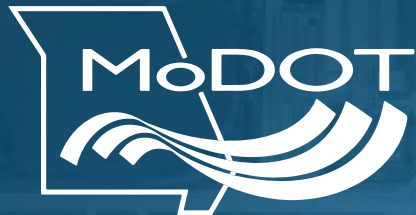


# I-70 realignment from Wentzville Parkway to west of I-64/Rte. 61

**Public Meeting**

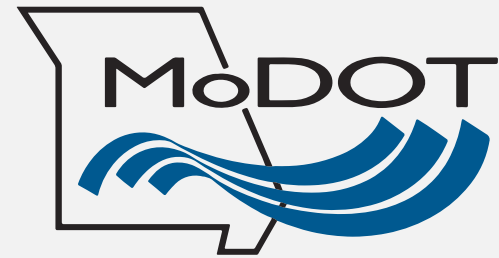
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# Hello!

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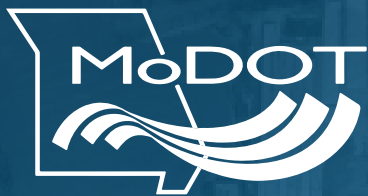
The Virtual WebEx Meeting for the I-70 realignment from Wentzville Parkway to west of I-64/Rte. 61 will begin shortly



# Welcome to the Virtual Public Meeting

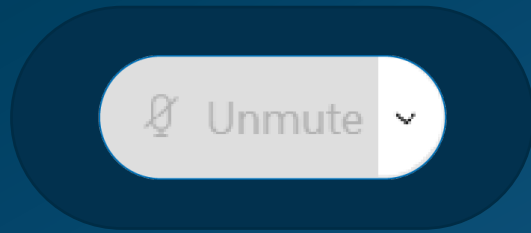
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I-70 realignment from Wentzville  
Parkway to west of I-64/Rte. 61

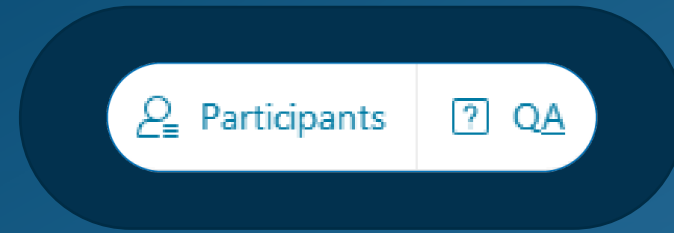


March 22, 2022 | 4-6 p.m.

# Welcome to Webex



You are muted and your video is disabled upon entry.



Please use the QA (lower right hand corner of the screen) to type in comments or questions throughout the session.

Questions will be answered after the presentation during the Q & A session.



# Agenda

- Introductions
- Area Issues
- Project Plans
- Environmental/Noise
- Right-of-Way Impacts
- Project Schedule
- Q&A



# Team



**Christopher Kelly**

MoDOT  
PROJECT MANAGER



**Andy Tuerck**

MoDOT  
AREA ENGINEER



**Jack Wang**

MoDOT  
COMMUNICATIONS



**Kevin Kriete**

HDR  
TRANSPORTATION  
PROJECT MANAGER



**Lou Kuelker**

HDR  
TRANSPORTATION  
PROJECT MANAGER



**Tom Blair**

MoDOT  
ADMINISTRATION



**Mitch Doria**

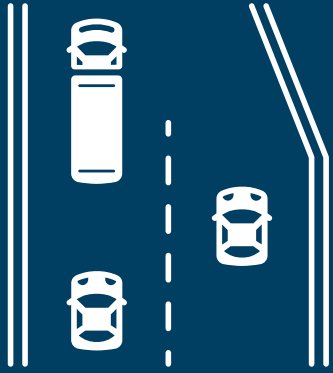
MoDOT  
RIGHT OF WAY



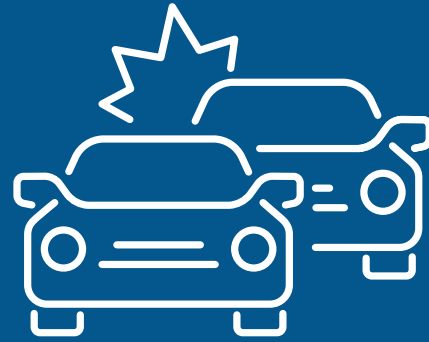
**Jessica Hochlan**

HDR  
COMMUNICATIONS  
COORDINATOR

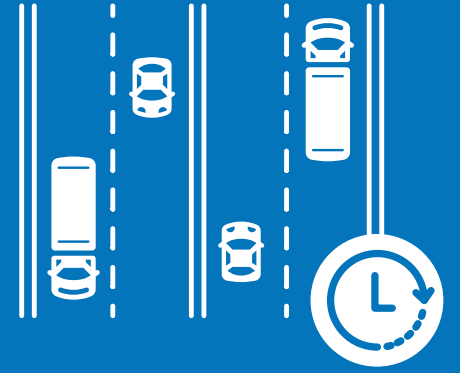
# Project Area Issues



**Limited Capacity**



**Safety Issues**



**Reliability**

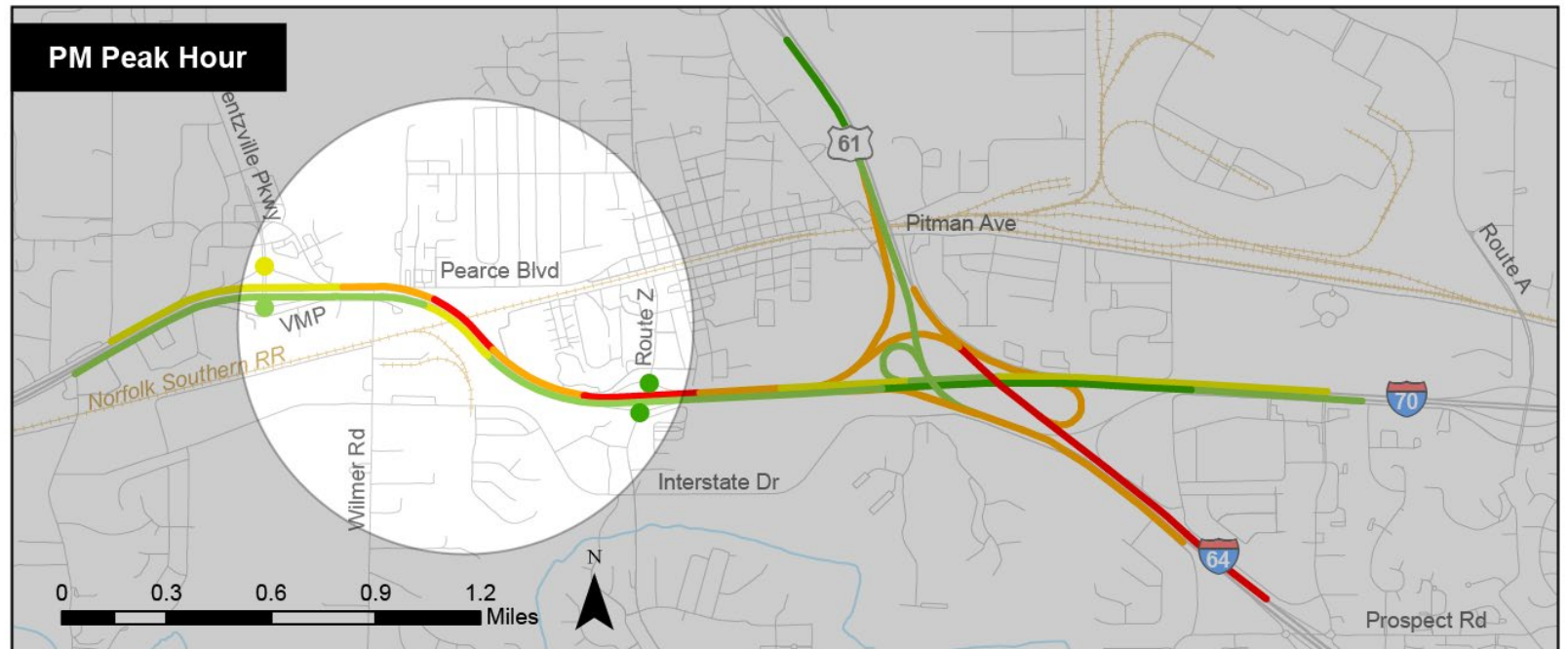
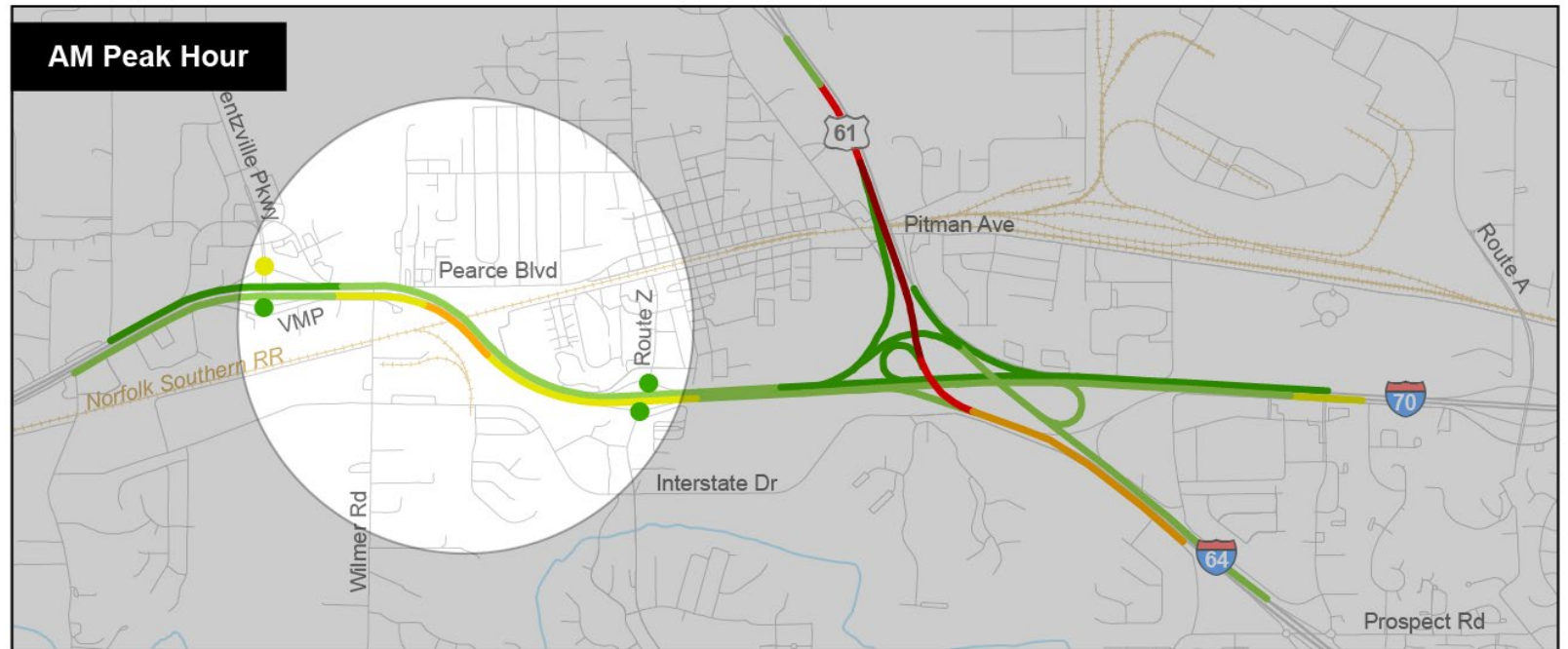
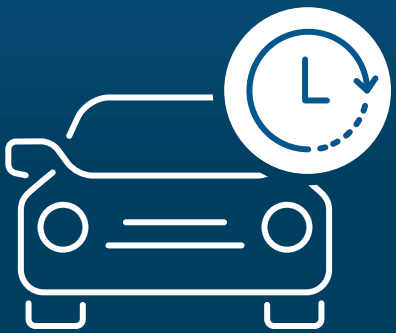
# Project Area Issues





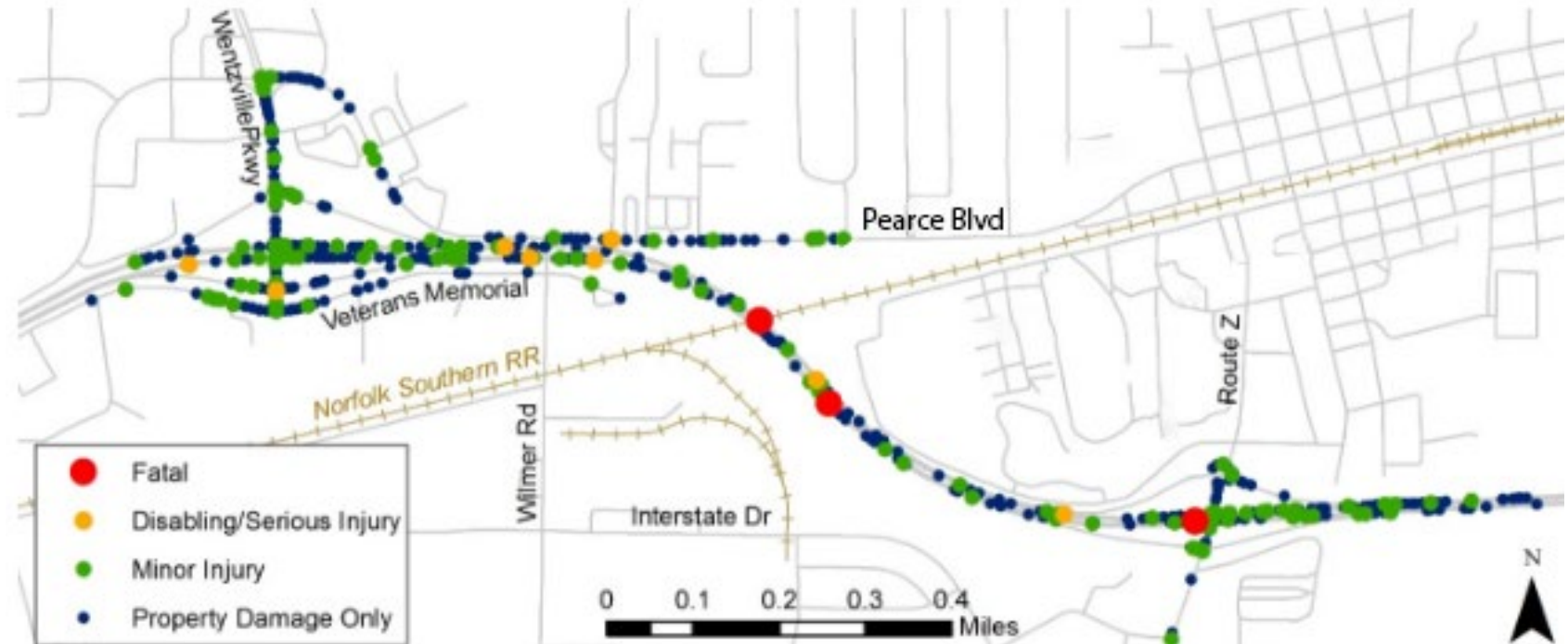
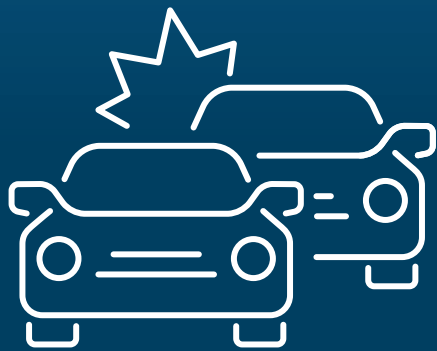
# Project Area Issues

## Delays



# Project Area Issues

## Safety



## Crash data from 2015-2019

**63%**

Higher than the statewide average

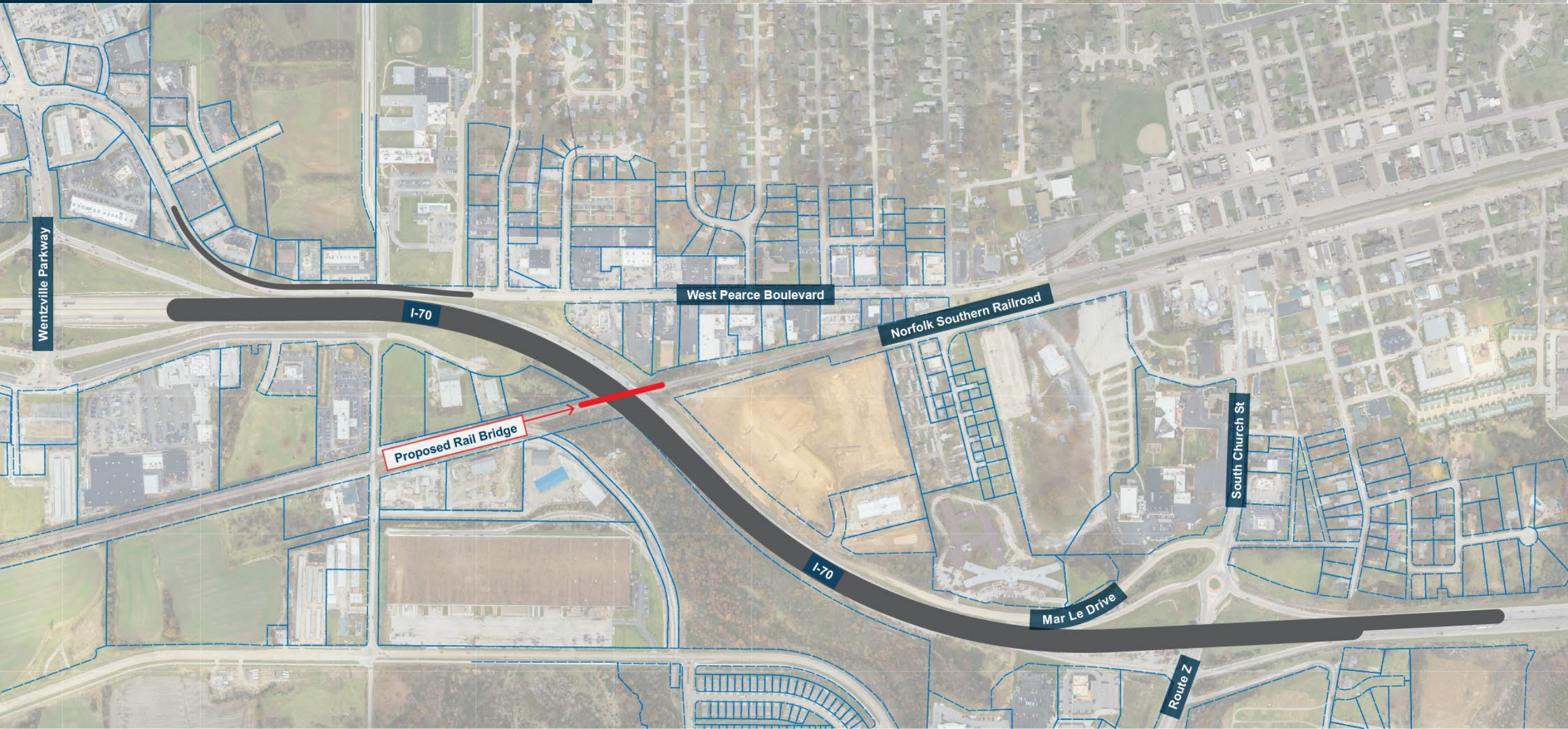
**457**

Total crashes

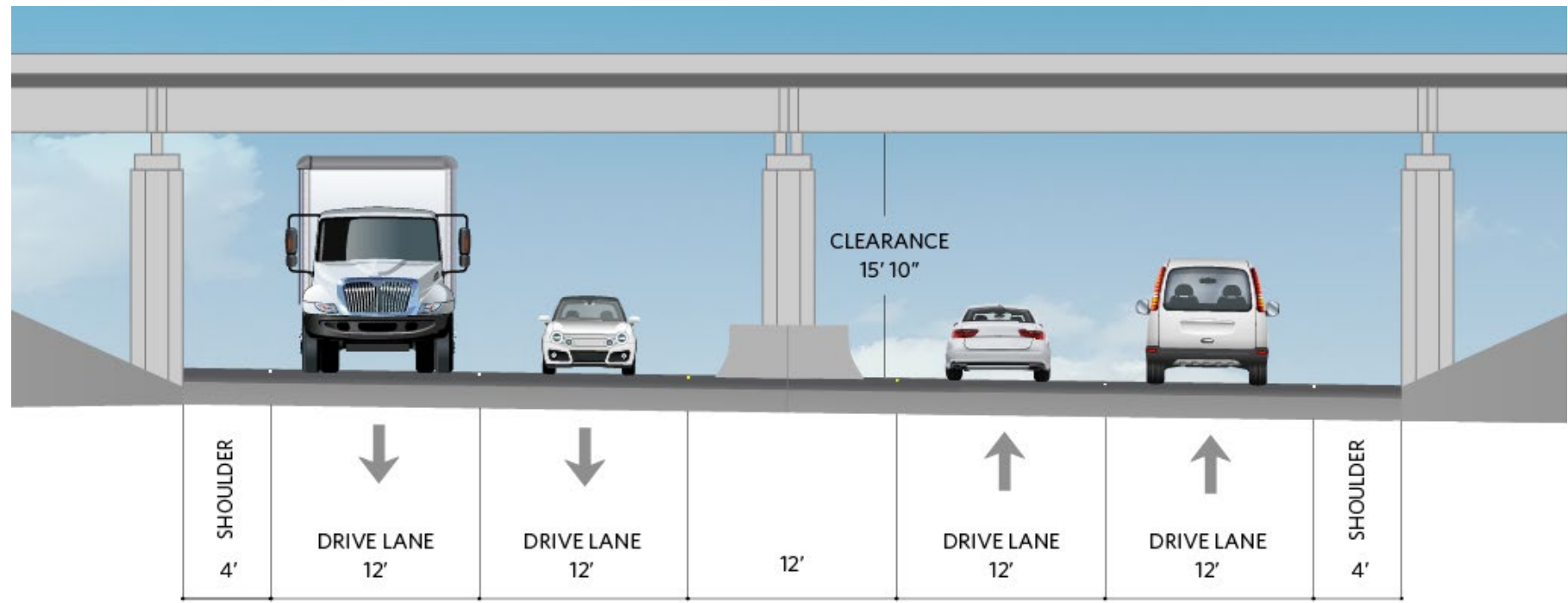
**3**

Fatalities

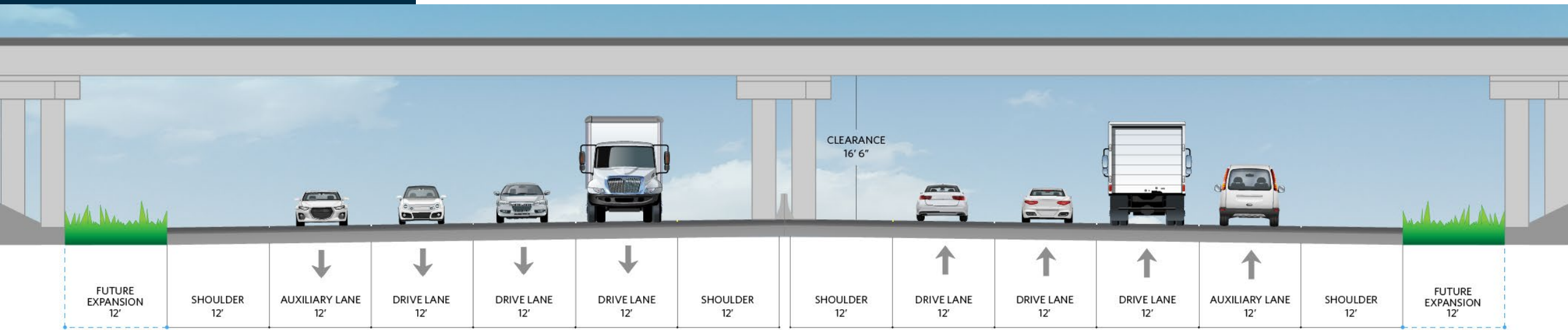
# Project Area



# Project Area — Lane Typical



EXISTING I-70 UNDER RAIL BRIDGE



PROPOSED I-70

# Environmental/Noise

## Frequently Asked Questions

### Why is MoDOT building sound walls instead of roads?

MoDOT looks at the environmental impacts of roadway projects and at all alternatives to minimize those impacts. Sound walls are a way to minimize the increased noise that these projects create. MoDOT would also lose federal funding if it did not look at the environmental impacts of its projects. Noise is an environmental impact.

### Why do some areas get sound walls and others don't?

A sound study is done whenever MoDOT adds through lanes, a new road or changes the alignment of a roadway. We can only build walls in those locations where all the criteria are met. It would be fiscally irresponsible for MoDOT to build walls that don't meet the criteria.

### Why can't you just plant trees or build a berm?

Landscaping or berms for sound abatement is just not feasible in many areas. A group of trees would have to be over 100 feet thick and very dense to provide the 7 decibel reduction necessary to be classified as sound abatement. Earthen berms can effectively diminish sound, but require a large swath of land. Vertical walls are most often the only cost-effective option

  
Missouri Department of Transportation  
P.O. Box 270  
Jefferson City, MO 65102  
1-888-ASK-MODOT

[www.modot.org](http://www.modot.org)

The Why, When and Where  
with Road Construction

## Sound Walls

### Why Build Sound Walls?

The Federal Highway Administration (FHWA) requires MoDOT to complete a sound study for noise abatement any time it plans to add through lanes to an existing highway, construct a new roadway, or change the location of a road.

Sound walls are not analyzed unless noise levels are 66 decibels (dBA) for property owners next to a highway. At this noise level, it is difficult to hear normal speech. Effective sound walls can reduce noise levels up to 10 dBA. The decibel scale is logarithmic, meaning a 10 dBA decrease cuts loudness in half. However, sound walls will not completely eliminate traffic noise but can lessen the volume of the constant hum of traffic for those closest to the highway.

MoDOT's noise policy is based on federal rules and regulations for determining when and where sound walls can be built. All MoDOT sound mitigation criteria must be met for a sound wall to be constructed. If all of the criteria are met, sound walls can be funded as part of the construction project.



### Sound Wall Location

Whether a sound wall should be located at the MoDOT property line or closer to the road depends on where it would be most effective in blocking the noise. MoDOT's first choice is to locate sound walls about five feet inside the public right-of-way, which allows room for installation, maintenance and drainage. However, when residences are lower than the roadway, the sound walls need to be closer to the roadway noise source to be effective. The location and height of the wall is determined in the same study that determines when walls are warranted. The wall must be built on state property.

### Noise Policy Criteria

- Predicted noise levels exceed 66 decibels in residential areas
- All first-row properties must have a reduction of at least 7 decibels in the outdoor living space.
- Maximum 20' height limit for safety
- Can be built on state property and meet safety criteria and maintenance needs
- Majority of benefitted owners and residents must vote in favor of the wall
- Size of the wall may not exceed 1,300 square feet per benefitted property

### Common Noise Levels

Outdoor	Decibels	Indoor
jet flyover at 1,000 feet	110	rock band
gas lawnmower at 3 feet	100	inside subway train (New York)
diesel truck at 50 feet noisy urban daytime	90	food blender at 3 feet garbage disposal at 3 feet
gas lawnmower at 100 feet	80	very loud speech at 3 feet
commercial area heavy traffic at 300 feet	70	vacuum cleaner at 10 feet
	60	normal speech at 3 feet office speech at 3 feet
quiet urban nighttime	50	dishwasher, next room small theater, large conference room (background)
quiet suburban nighttime	40	library
quiet rural nighttime	30	bedroom at night concert hall (background)
	20	broadcast and recording studio
	10	threshold of hearing

### Property Owner / Resident Approval

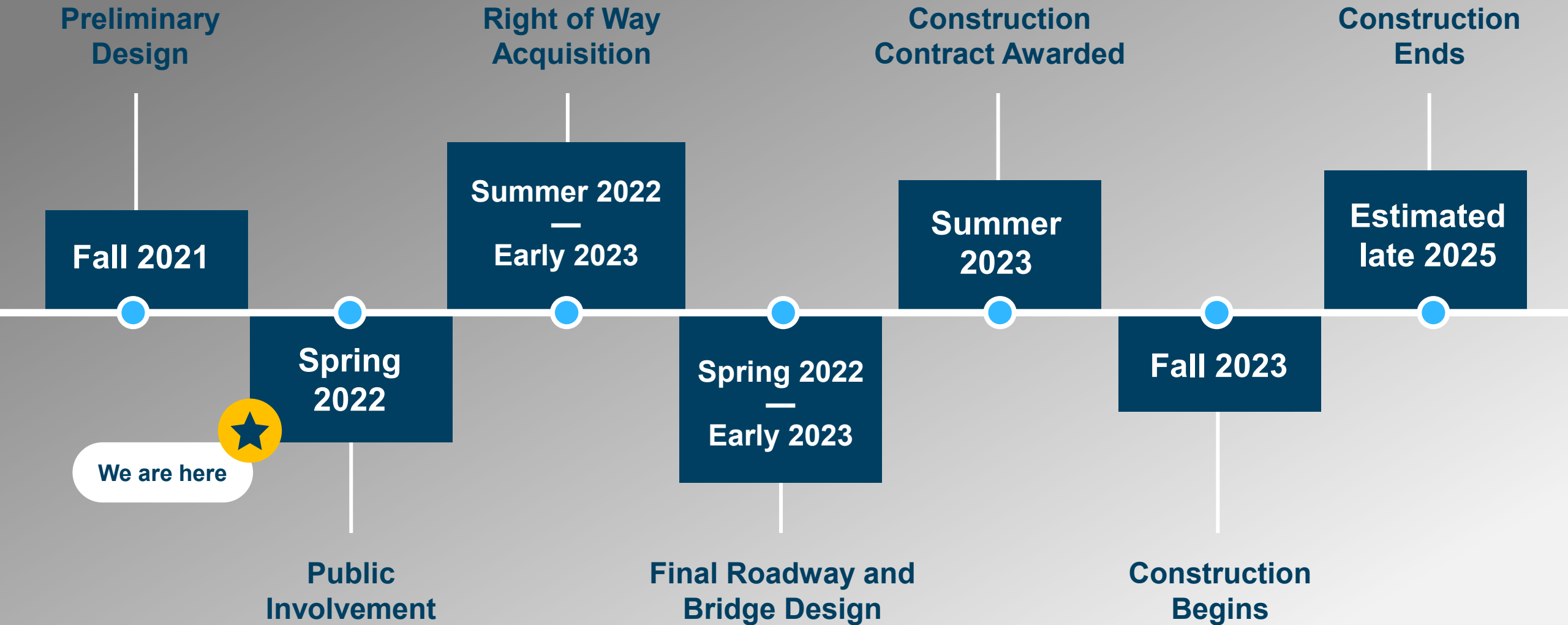
Those people who live immediately adjacent to the highway and who are benefitted will be asked to vote whether or not they desire the wall. These benefitted property owners will be given information about the general location, height and look of the wall. If a majority want the wall, the wall will be constructed, provided all of the other sound wall criteria are met. If a majority of benefitted owners/residents do not want the wall, then it will not be built.



[www.modot.org/sites/default/files/documents/soundwall-brochure-2022.pdf](http://www.modot.org/sites/default/files/documents/soundwall-brochure-2022.pdf)



# Project Schedule



# Right-of-Way Impacts

## The Path of Progress

Improving our transportation system often requires us to ask neighboring property owners for help. Sometimes we need a small piece of your property to improve safety for you and others using the transportation system. Other times we need large pieces of property to add to or change the transportation system's path. In any event, we have prepared this brochure because we are committed to being fair, honest, and open in our work with you. Inside you will find information related to the acquisition process.

## Pathways for Progress

A Property Owners Guide on  
Land Acquisition for  
Transportation Improvements

### REACHING AN AGREEMENT

Who will be my contact for the purchase of my property?



A representative from the department office in your area will work with you throughout the acquisition process. When an offer for your property has been determined, a department representative will contact you to schedule a meeting. During this meeting, the representative will explain how the department acquires land and realty rights and how the particular project will affect your property. If you receive your offer by mail, the representative's contact information will be included in the packet.

Can I designate someone else to work with the department representative?  
Yes. The department representative will discuss the details of the transaction for your property with you or your authorized representative.

What if I disagree with the amount offered for my property?  
You may make a counteroffer and engage in negotiations with the department.

Can I remove items from the property?  
The department may authorize owners to retain certain items located on the property being purchased. However, the salvage value of those items will be deducted from the offer.

Will I be responsible for filing any special documents?  
No. Your department representative will take care of the details and paperwork. However, it will be necessary for you to provide certain information, such as your social security or tax identification number.

4





**Questions?**

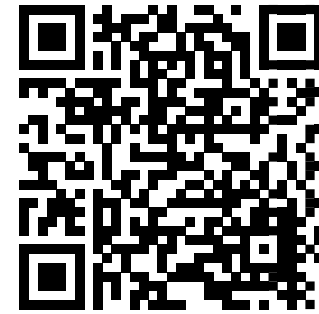




**If you have additional project comments please go to:**

 [www.modot.org/i-70-improvements-wentzville-parkway-route-z](http://www.modot.org/i-70-improvements-wentzville-parkway-route-z)

Or scan here:



**Fill out our online comment form.  
The comment form will be up for  
two weeks.**



# Thank You

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For additional questions please contact us at the project email [i70wentzville@modot.mo.gov](mailto:i70wentzville@modot.mo.gov) or contact:



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Project Manager

[Christopher.Kelly@modot.mo.gov](mailto:Christopher.Kelly@modot.mo.gov)

(314) 453-5034



**Andy Tuerck**

St. Charles County Area Engineer

[Andrew.Tuerck@modot.mo.gov](mailto:Andrew.Tuerck@modot.mo.gov)

(314) 453-5046

