



State Project Number 0034-0364 I-84 Flex Lane in Danbury

Virtual Public Information Meeting
Connecticut Department of Transportation
March 10, 2026

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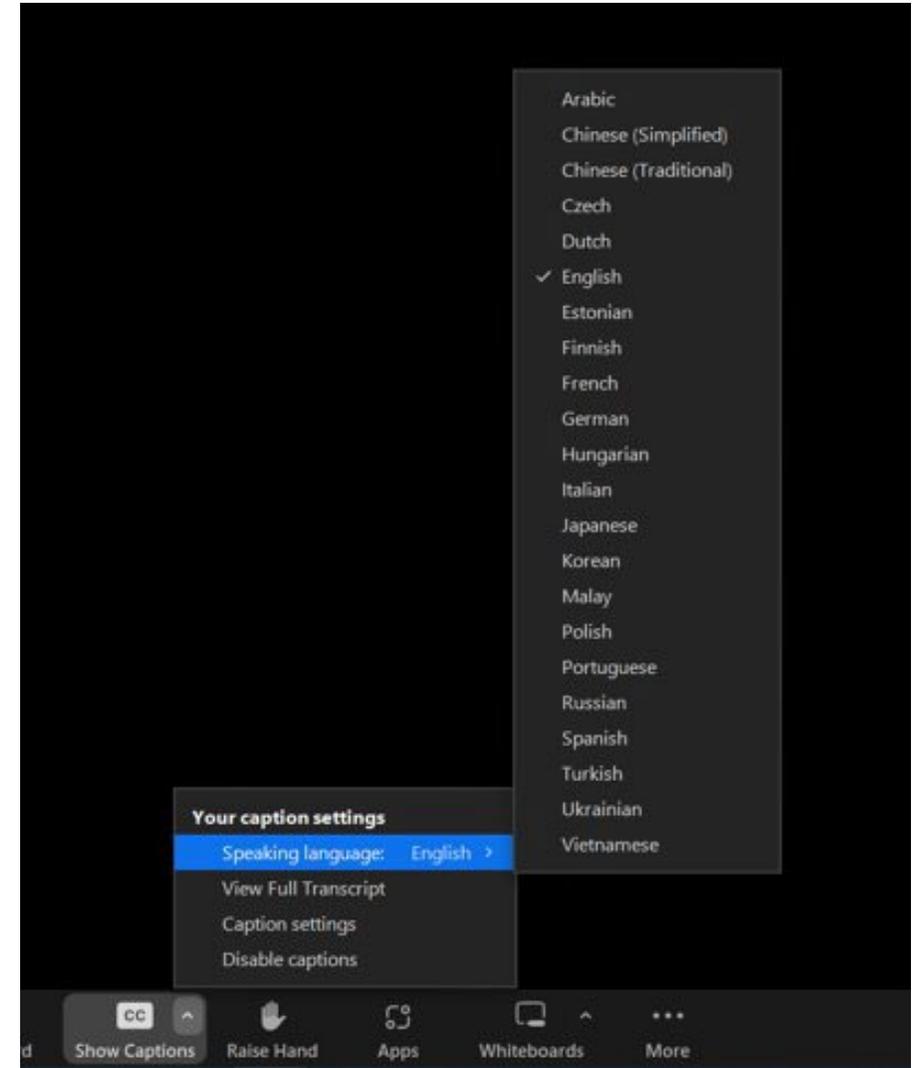


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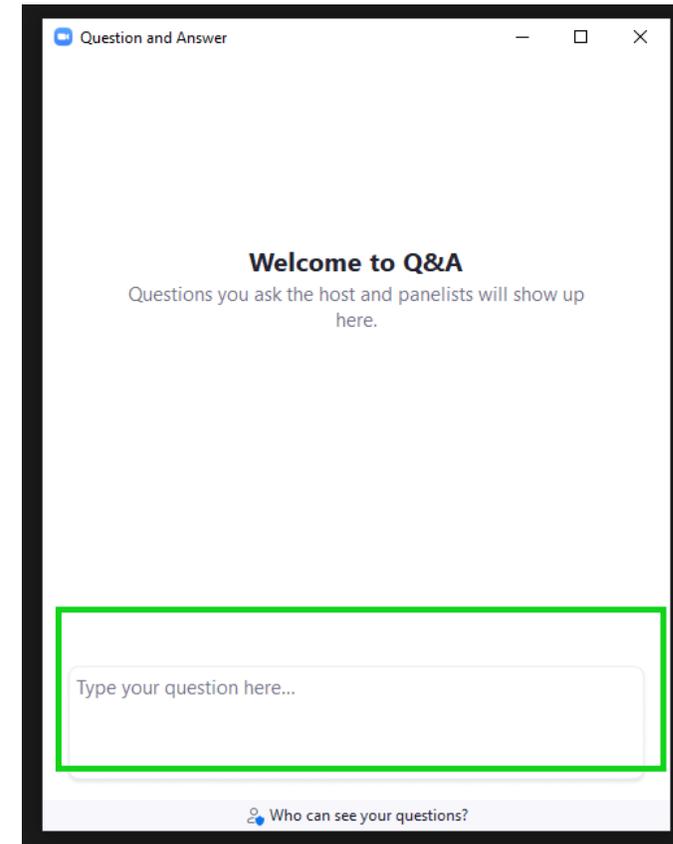


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No person shall, on the basis of race, color, or national origin, be excluded from participation or subject to discrimination in the development of this project.

Civil Rights information:

- portal.ct.gov/dot/equity/title-vi

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Individuals and organizations may file a complaint by completing the Title VI complaint form (portal.ct.gov/dot/equity/title-vi).

Complaints should be signed and include contact information and should be sent to:

Office of Civil Rights Federal Railroad Administration 1200 New Jersey Avenue, SE ROA-10, Mail Stop 5 Washington, DC 20590



Connecticut Department of Transportation Title VI Notice to the Public

The Connecticut Department of Transportation (CTDOT) operates its programs and services without regard to race, color, and national origin in accordance with Title VI of the Civil Rights Act. Any person who believes she or he has been aggrieved by any unlawful discriminatory practice under Title VI may file a complaint with the CTDOT.

For more information on the CTDOT's civil rights program, and the procedures to file a complaint, contact the CTDOT Title VI Coordinator at (860) 594-2169, TRS 711; Debra.Goss@ct.gov; or visit our administrative office at 2800 Berlin Turnpike, Newington, CT 06131. For more information, visit www.ct.gov/dot.

A complainant may file a complaint directly with the Federal Transit Administration by filing a complaint with the FTA Office of Civil Rights, Attention: Title VI Program Coordinator, East Building, 5th Floor-TCR, 1200 New Jersey Ave., SE, Washington, DC 20590

A complainant may file a complaint directly with the Federal Highway Administration by filing a complaint with the FHWA Office of Civil Rights, Attention: Title VI Program Coordinator, 8th Floor E81-105, 1200 New Jersey Ave., SE, Washington, DC 20590

如需更多信息或免费语言协助，请致电 (860) 594-2109

Para información adicional, o asistencia lingüística gratuita, por favor llame al (860) 594-2109

Per informazioni aggiuntive o assistenza linguistica gratuita, chiamare il numero (860) 594-2109

Para obter mais informações, ou para auxílio gratuito em outro idioma, ligue para (860) 594-2109

Aby uzyskać dodatkowe informacje lub bezpłatną pomoc tłumacza, proszę dzwonić pod numer (860) 594-2109

Для получения подробной информации или бесплатных услуг перевода звоните по телефону (860) 594-2109

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لمزيد من المعلومات أو للحصول على مساعدة لغوية مجانية، يرجى الاتصال بالرقم (860) 594-2109

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Để có thêm thông tin hoặc hỗ trợ ngôn ngữ miễn phí, vui lòng gọi (860) 594-2109



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El Departamento de Transporte de Connecticut (CTDOT) se compromete a asegurar que ninguna persona sea excluida de participar en, o le sean negados los beneficios de, sus servicios de transporte basándose en la raza, color o país de origen de la persona protegida por el Título VI de la Ley de los Derechos Civiles. Si a usted le parece que ha sido objeto de discriminación en lo que corresponde al Título VI, puede presentar una queja al CTDOT.

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Welcome & Introductions

CTDOT Lead Team



Michael Calabrese
Division Chief



Nilesh Patel
Principal Engineer



Kevin Burnham
Project Manager



Krishalyn Macrohon
Project Engineer

CTDOT Support Team

Highway Operations | District 4 Maintenance | Traffic



Consultant Team



Sharat K. Kalluri
Project Manager



Michael Joyce
Lead Highway Engineer

Presentation Agenda

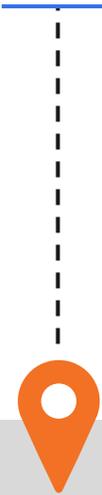
Purpose & Need
and Benefits



Flex Lane
Operations



Other
Improvements



Cost and
Schedule





I-84 Flex Lane

Project Video



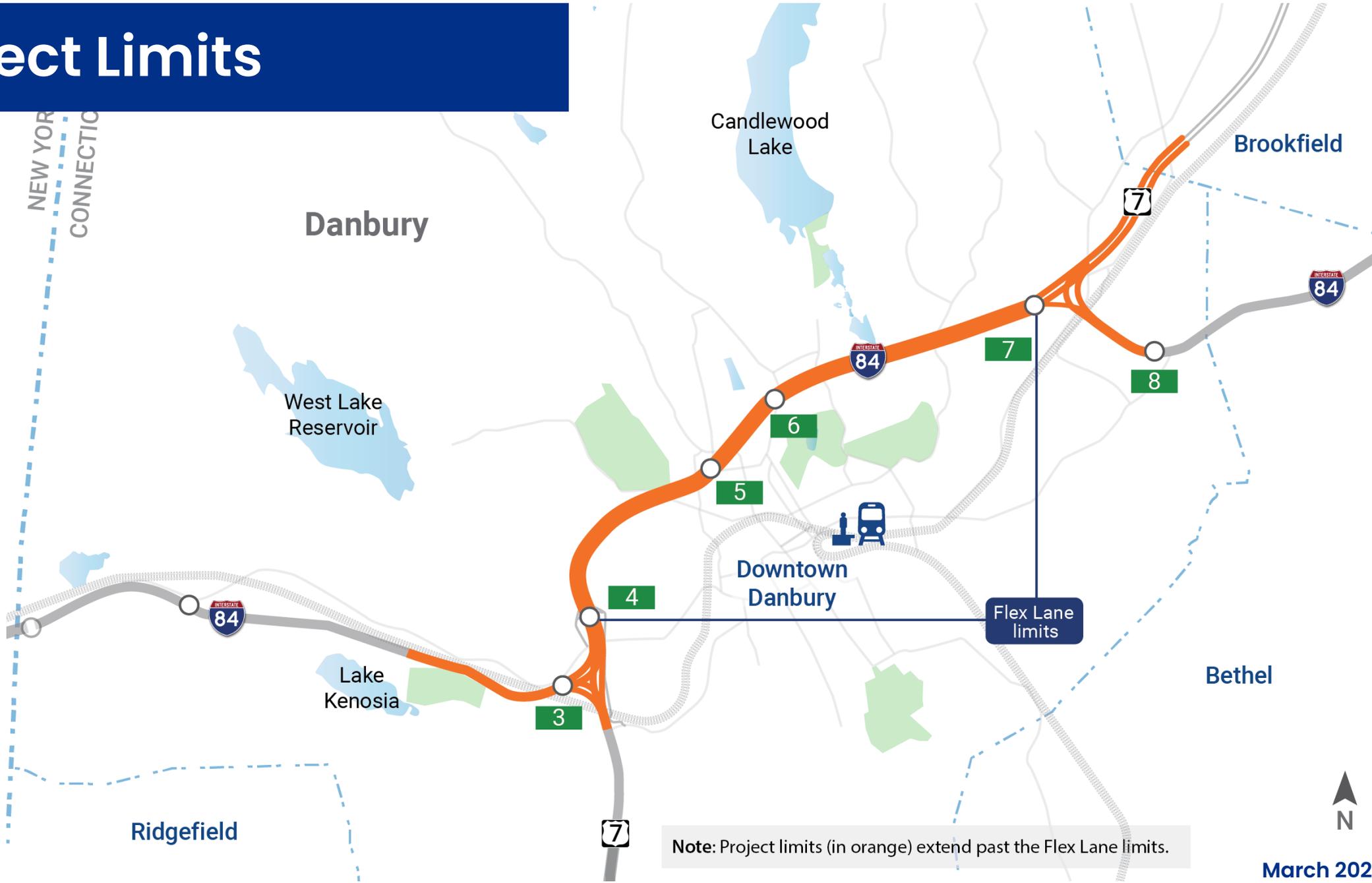
Project Purpose & Need



**Reduce congestion and improve mobility
on I-84, Route 7, and adjacent roadways**



Project Limits



Note: Project limits (in orange) extend past the Flex Lane limits.



How will a Flex Lane address this need?

By repurposing the median shoulder into a **temporary travel lane** during the busiest times to improve traffic flow and safety



This *proven* FHWA strategy:



Improves traffic flow



Provides more capacity during rush hours



Increases reliability



Reduces the number of congestion-related crashes

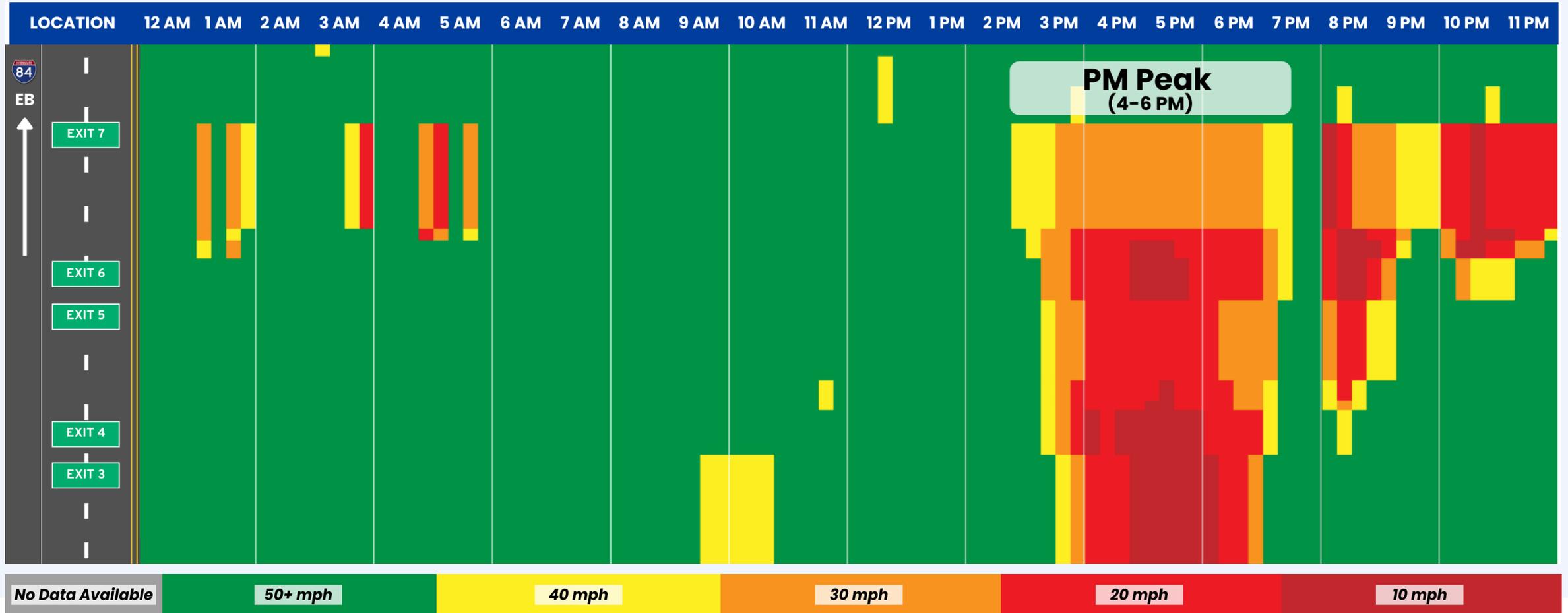


How would a Flex Lane help me?

Understanding Evening Traffic Congestion



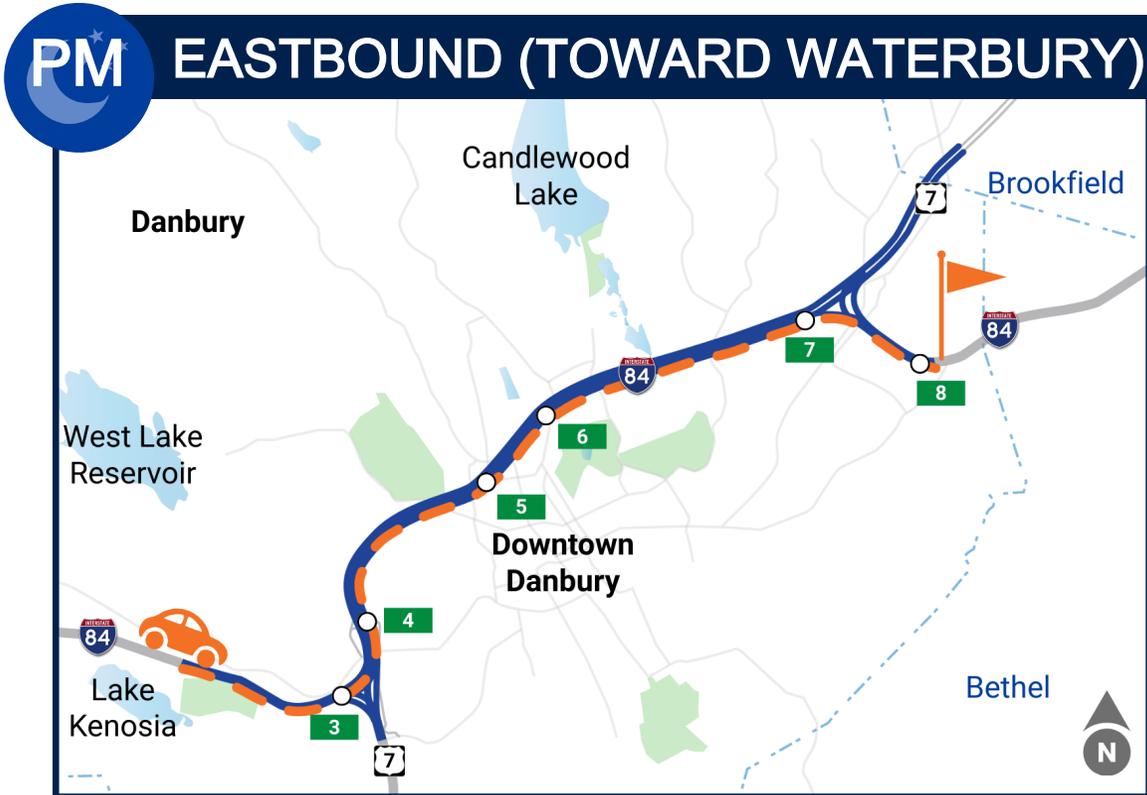
I- 84 EASTBOUND



Note: Based on April 2024 Data

Source: Regional Integrated Transportation Information System (RITIS)

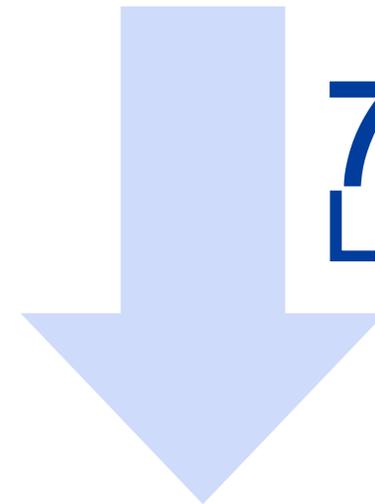
Estimated Evening Travel Time Improvements



Current (2024):
31 minutes



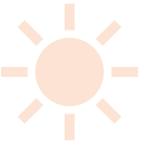
Flex Lane (2030)
8 minutes



**74%
Less Time!**

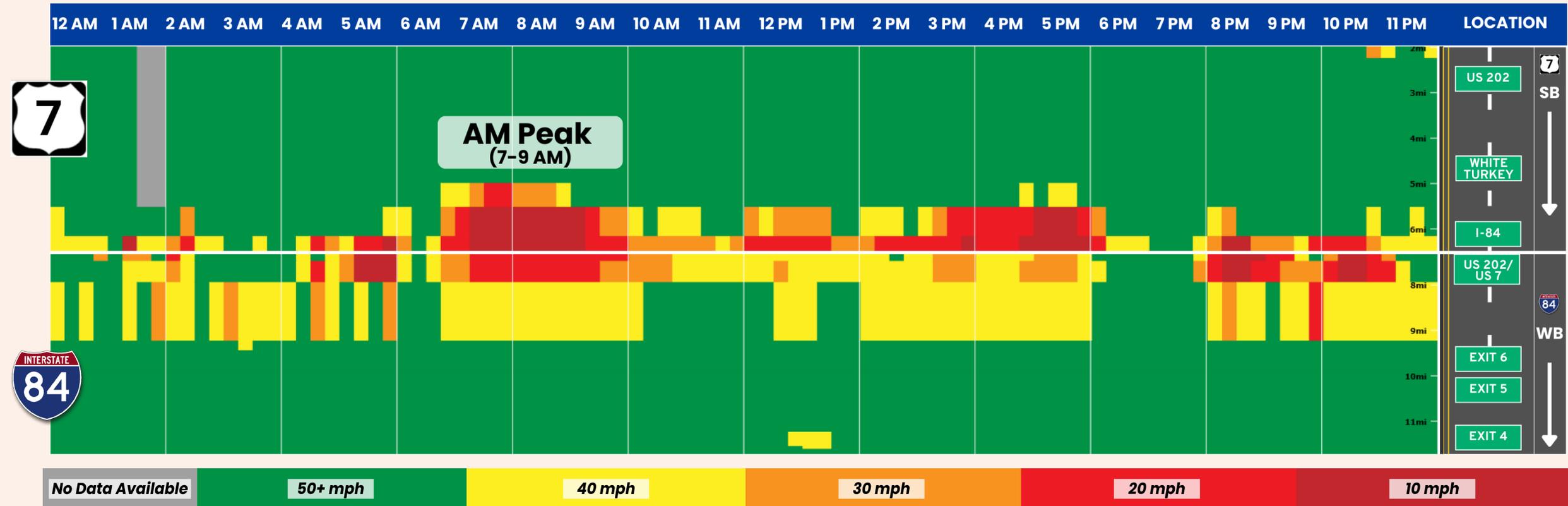


Source: VISSIM Analysis



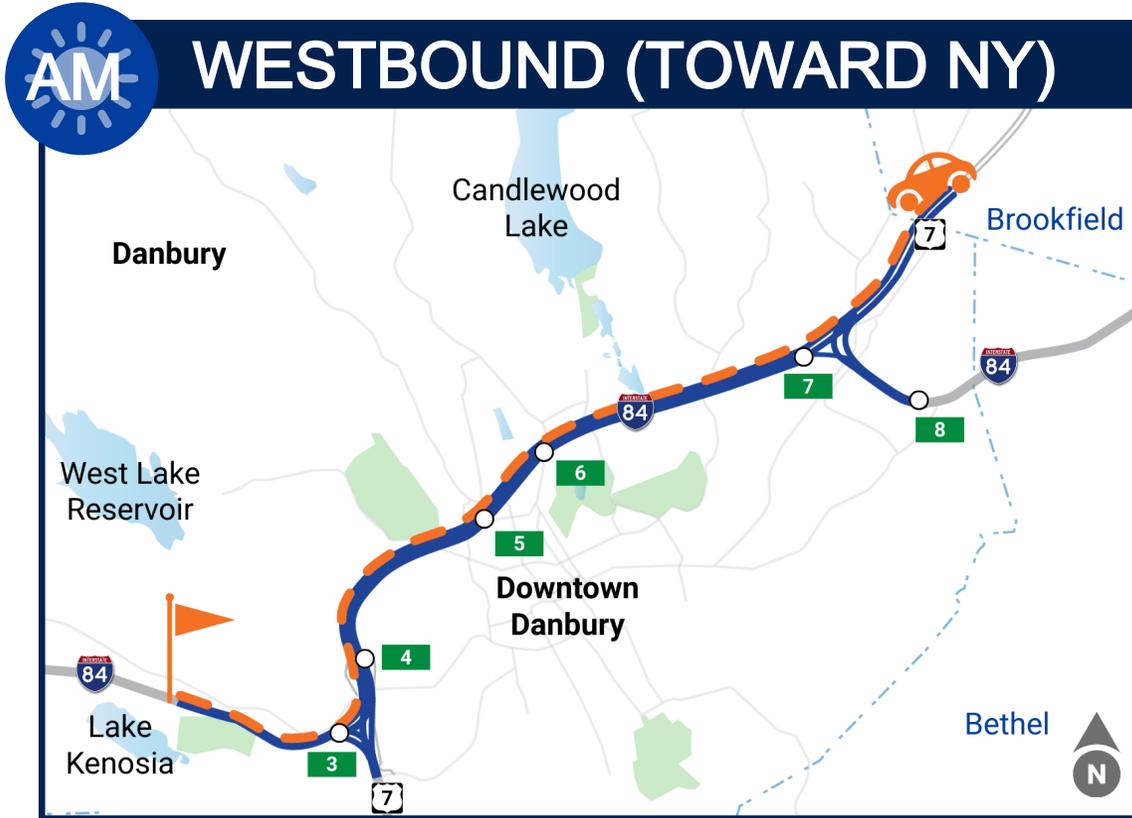
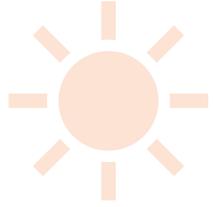
Understanding Morning Traffic Congestion

ROUTE 7 SOUTHBOUND/I-84 WESTBOUND



Note: Based on April 2024 Data
Source: Regional Integrated Transportation Information System (RITIS)

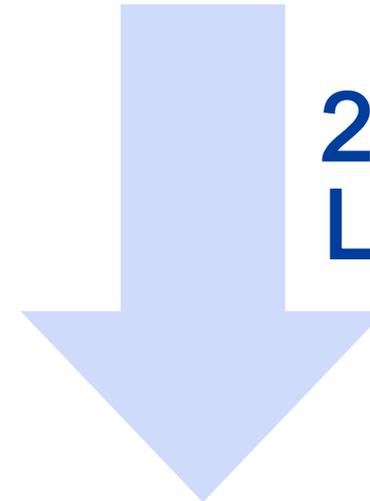
Estimated Morning Travel Time Improvements



Current (2024):
9 minutes



Flex Lane (2030)
7 minutes



**22%
Less Time!**



Source: VISSIM Analysis

Proven Success in Other States

Madison, WI



- ✓ Reduced travel times by **45%** in 2023
- ✓ **~20%** reduction in crashes

Source: *The Cap Times*, June 2, 2024; *Spectrum News 1*, July 13, 2023

Ann Arbor, MI



- ✓ Congestion reduced by **11% northbound** and **16% southbound**
- ✓ **~17%** reduction in crashes

Source: *Evaluation of an Active Traffic Management System with Part-Time Use of the Inside Shoulder*, January 2022

Proven Success in Other States

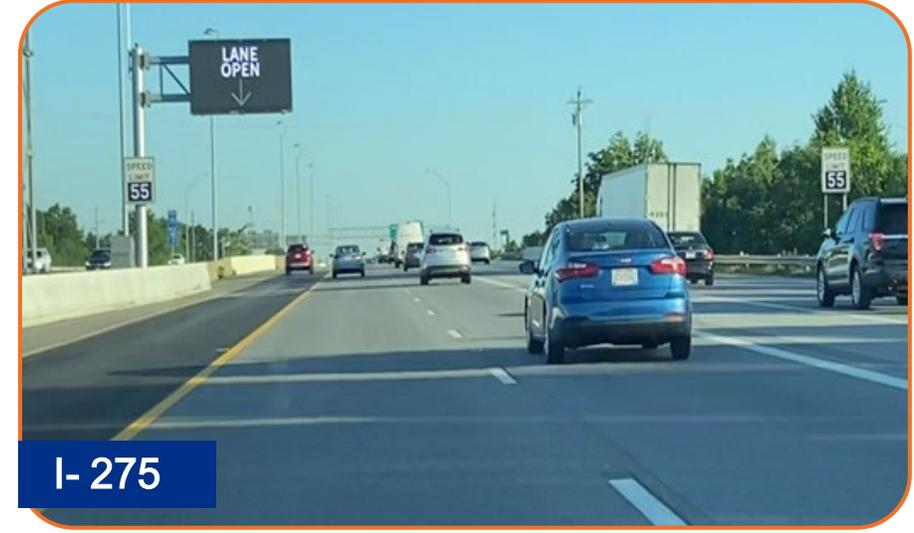
Columbus, OH



 I-670 commute times are **cut in half**

Source: "SmartLane Saves Time and Improves Reliability for Central Ohioans", AASHTO 2024

Cincinnati, OH



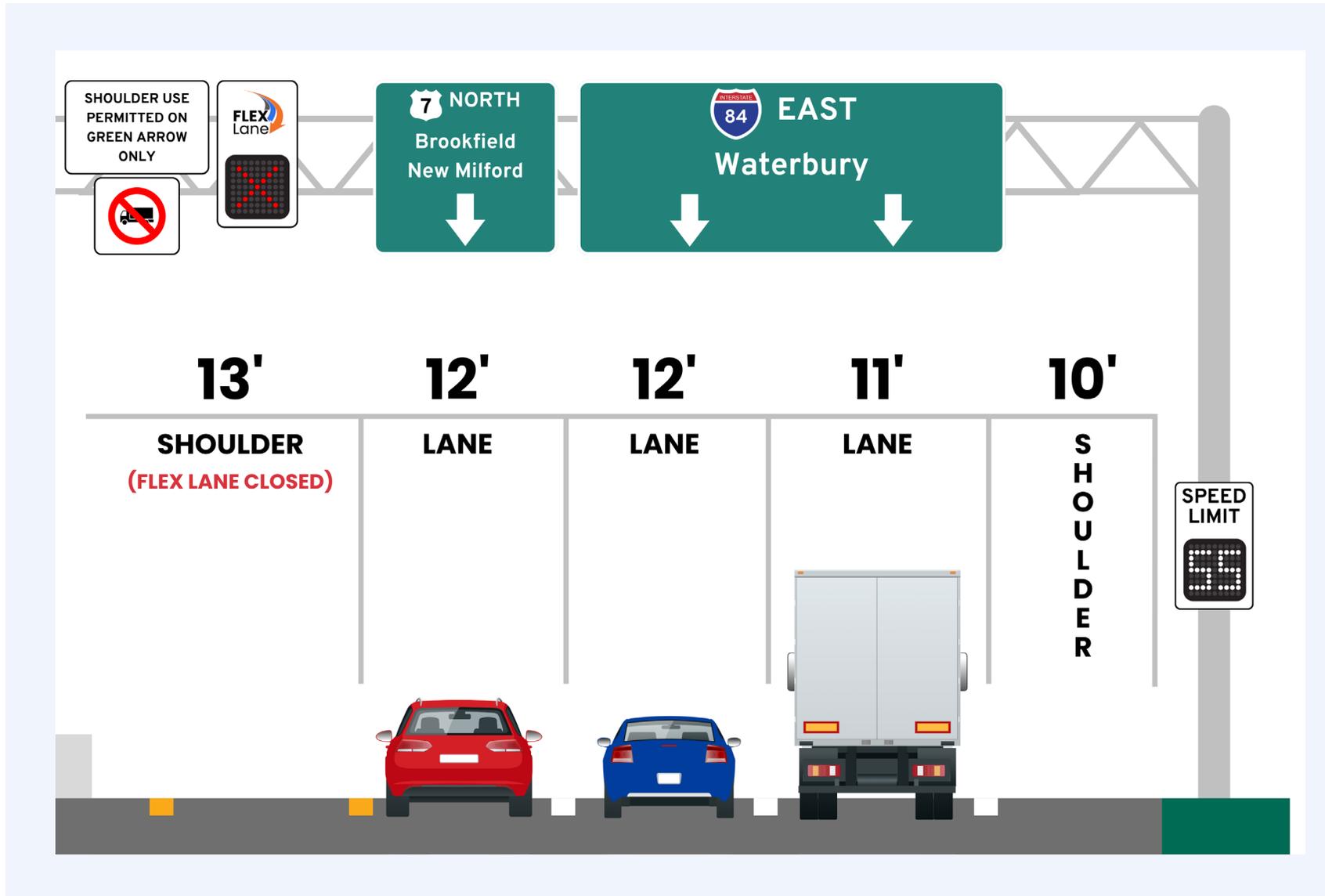
 Travel times have **improved by ~10%** since opening in June 2024

Source: Ohio Department of Transportation

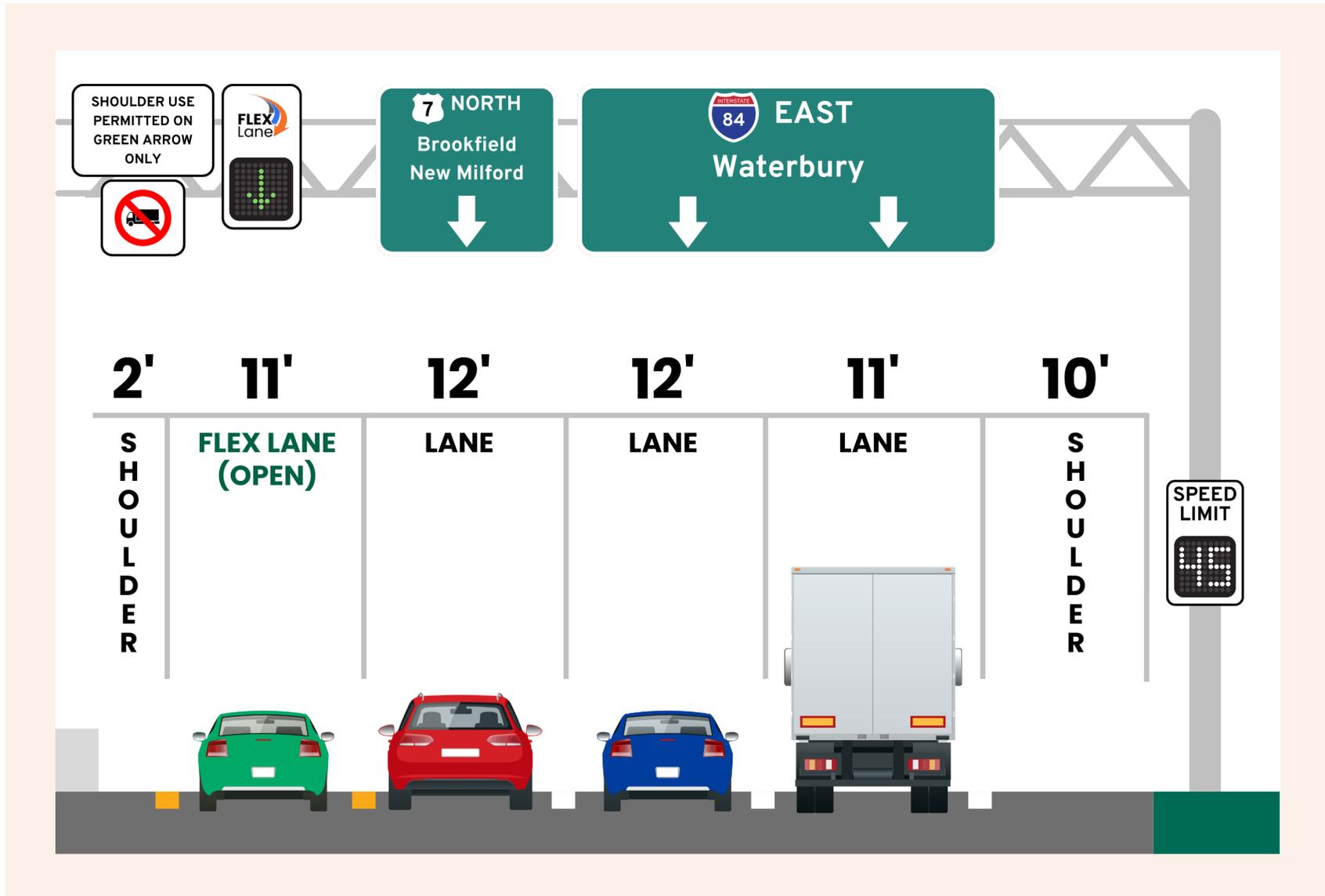


Flex Lane Operations

What would the Flex Lane look like?



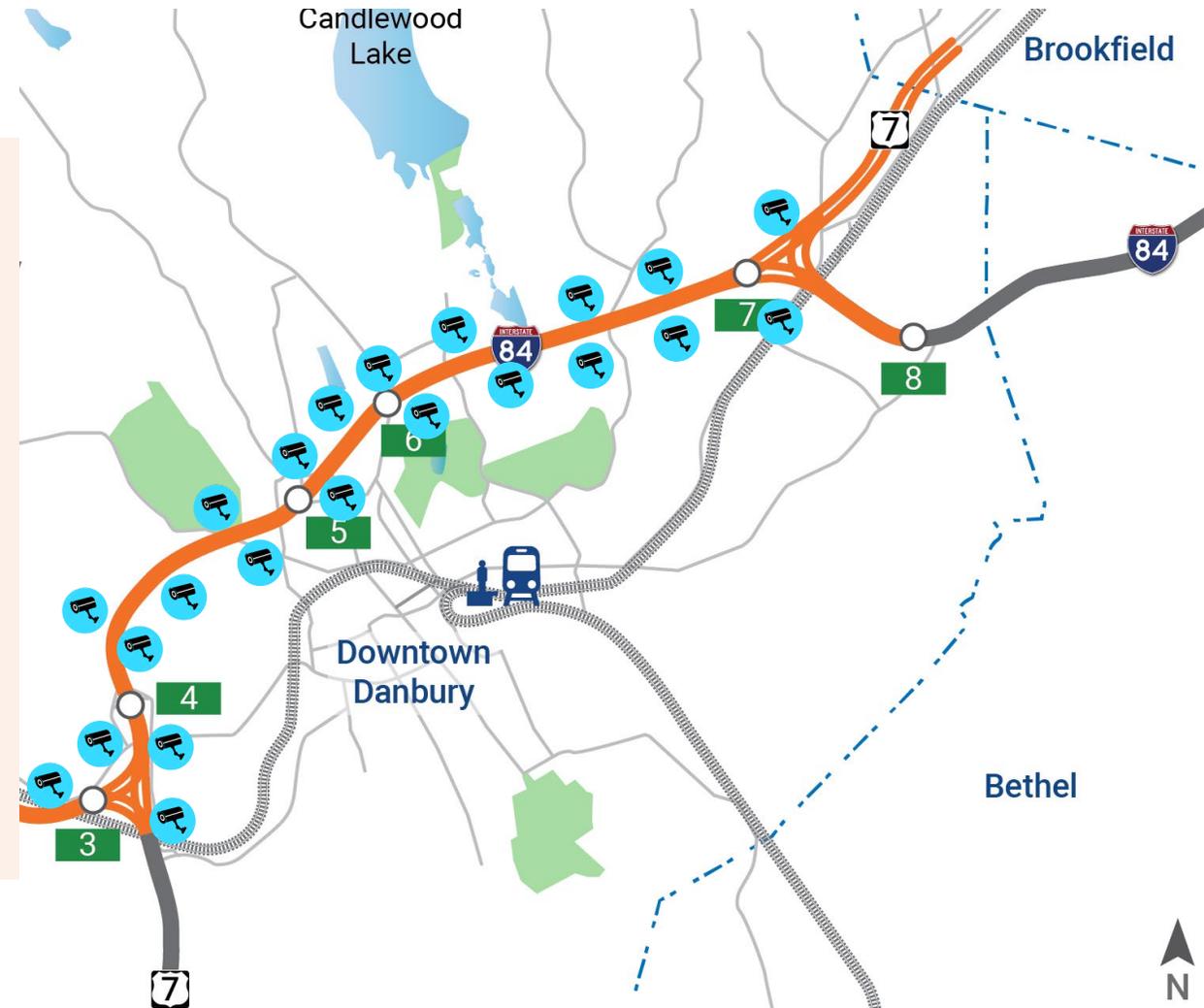
What would the Flex Lane look like?



New Camera Infrastructure

Full camera coverage of the Flex Lane and general-purpose lanes

- Check for lane obstructions in Flex Lane
 - Debris
 - Weather related
- Confirm congestion/incidents across all lanes



Criteria for Opening/Closing the Flex Lane

Is it peak travel time?

Yes

No

Is the roadway congested?

Yes

No

Is the lane safe and clear to open?

Yes

No



Open



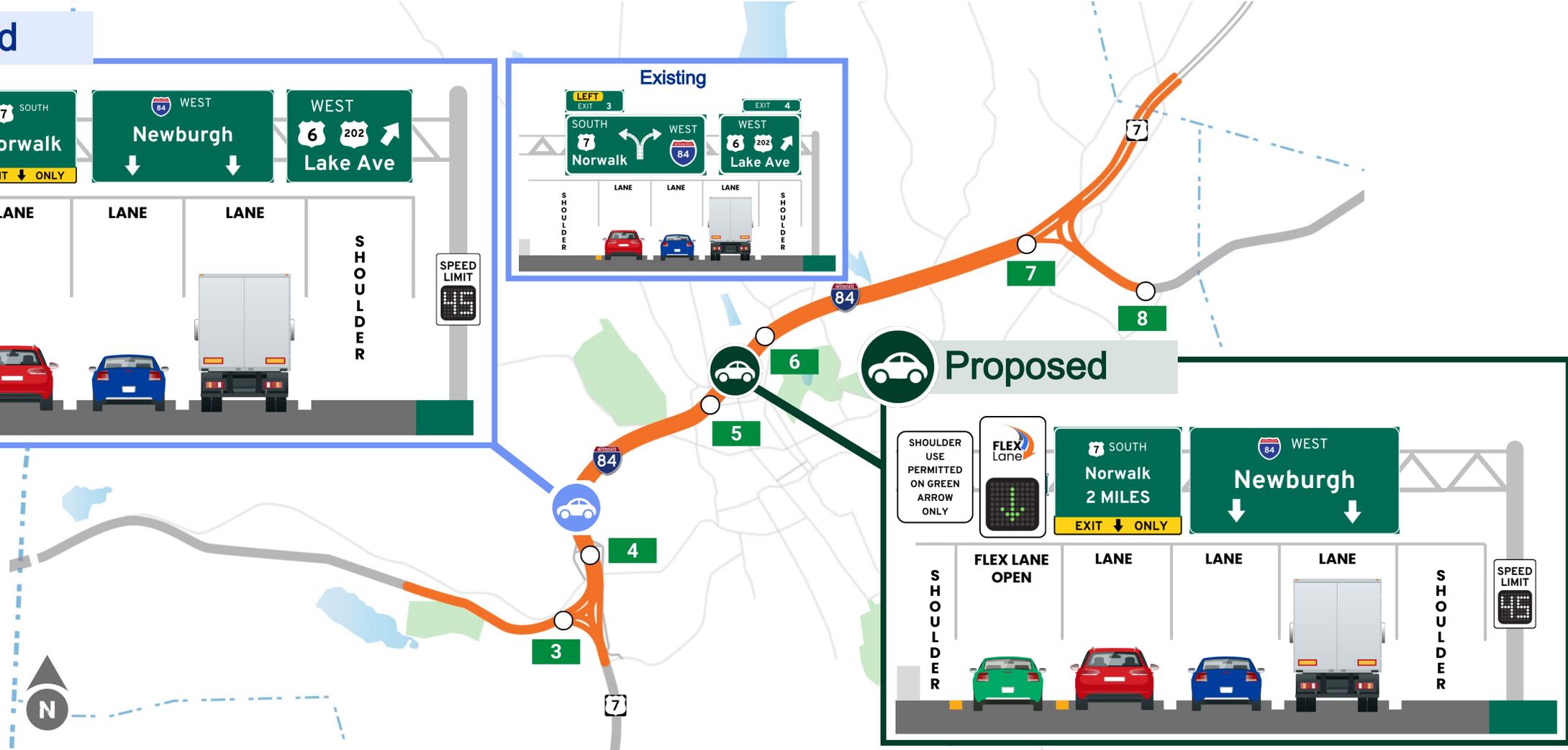
Westbound I-84 (Toward New York)



Proposed



Existing



Proposed



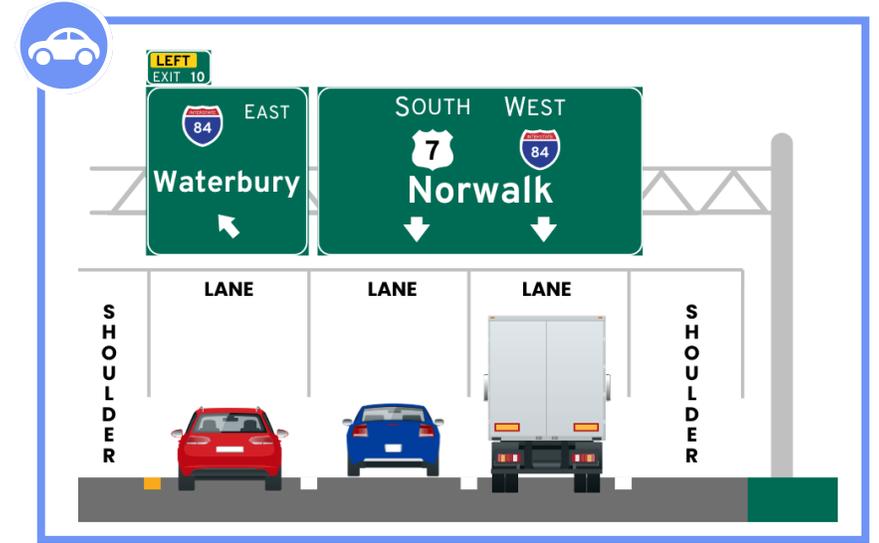
Existing Route 7 Southbound



Proposed Route 7 Southbound



New configuration would provide two through-lanes for Route 7 as it merges with I-84 at Exit 7



Noise Analysis Process



Measure Existing Noise Conditions

Noise monitoring was conducted in November 2025



Validate Traffic Noise Model

Calculate existing and future noise levels



Identify Noise Impacts

Identify predicted noise impacts



Consider Noise Abatement Measures

If impacted, determine if abatement/noise walls are feasible and reasonable

Project Classification: Type I



Includes, but is not limited to, new highways, added lanes, or substantial horizontal or vertical alignment changes
(per 23 CFR 772 & CTDOT's Noise Policy)

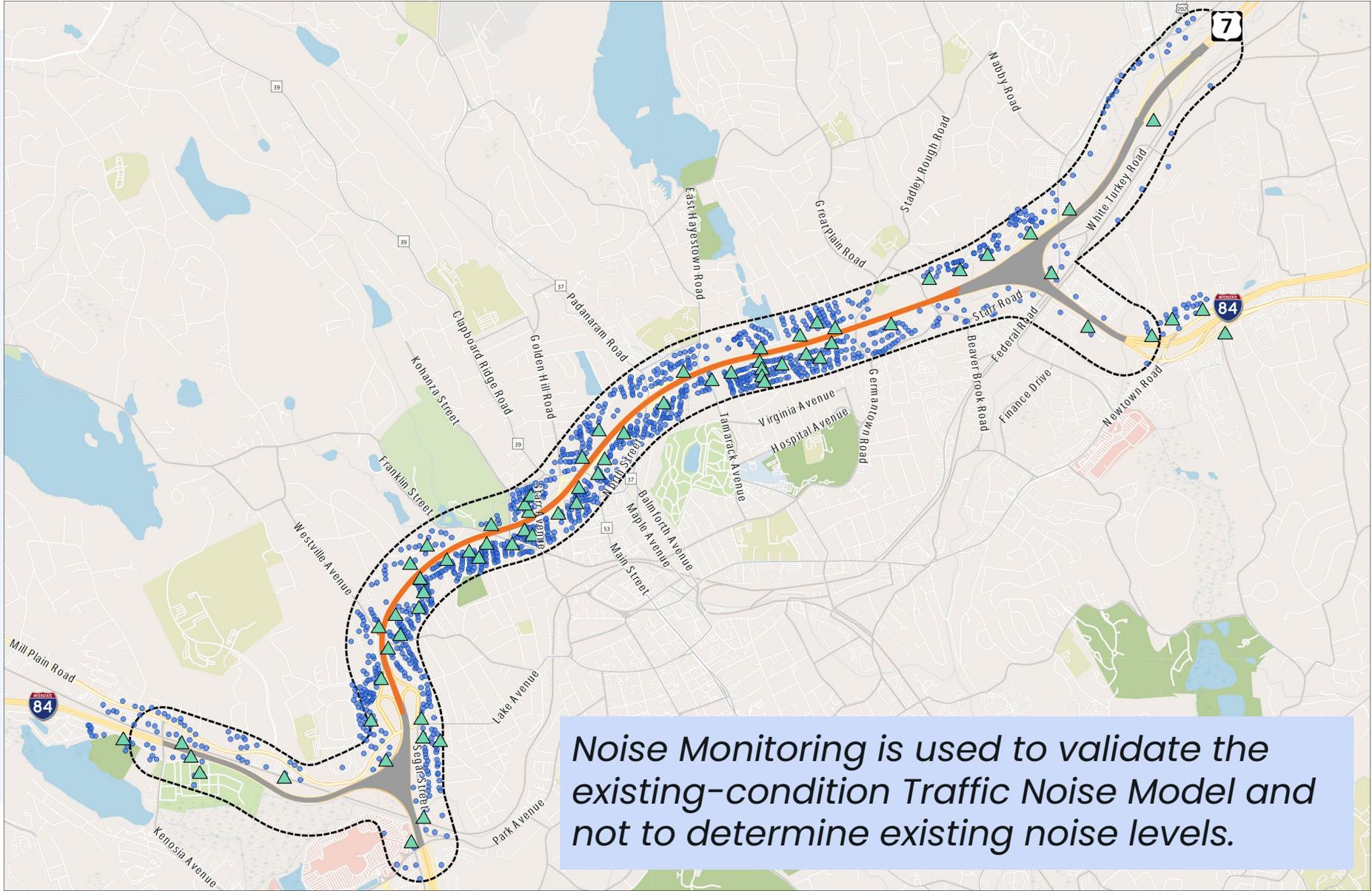
Noise Monitoring Locations

 Noise Receptors

 Monitoring Locations

 Noise Study Area

 Flex Lane

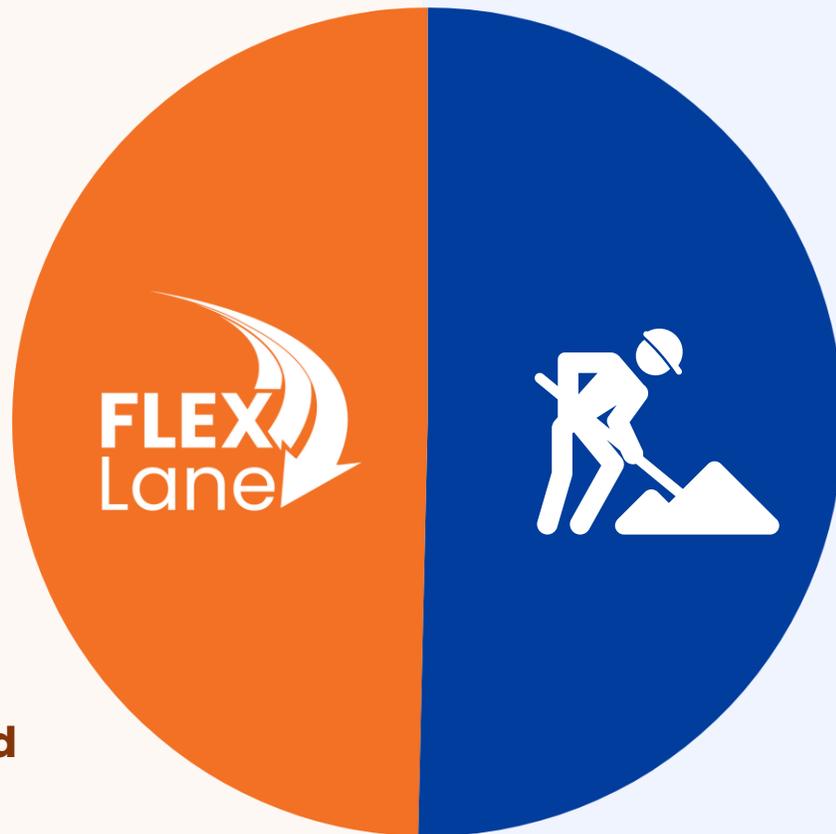


Noise Monitoring is used to validate the existing-condition Traffic Noise Model and not to determine existing noise levels.

\$ The estimated construction cost for the project is \$250M.

Flex Lane Construction

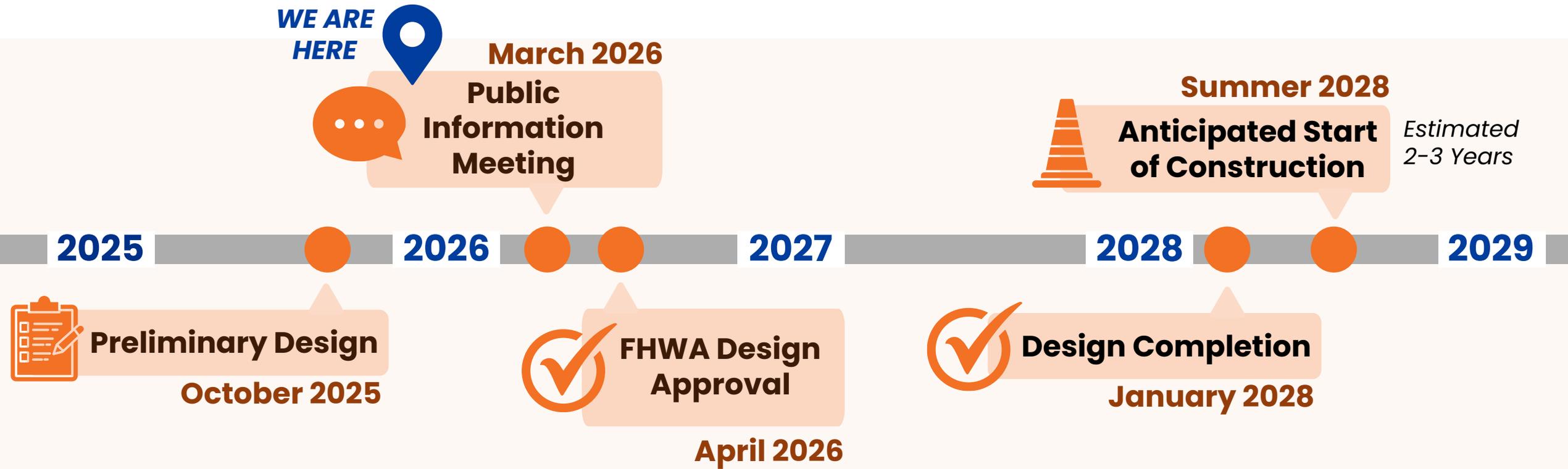
- ✓ New overhead gantries
- ✓ Lane control signs
- ✓ Full camera coverage
- ✓ Variable speed limits
- ✓ Isolated bridge median and parapet improvements



State of Good Repair Investments

- ✓ Median reconstruction
- ✓ Drainage & guiderail upgrades
- ✓ Illumination and signage upgrades
- ✓ Routine pavement preservation & improvements
- ✓ Wrong-way detection systems

Project Schedule



We want your feedback!



i84Danbury.com/FlexLane



i84DanburyFlexLane@ct.gov



CTDOT Headquarters
Attention: Kevin Burnham
2800 Berlin Tpke
Newington, CT 06131-7546



(860) 594-3485



Submit your comments
through April 6, 2026!



**Scan to learn
more!**



Question and Answer Session

Let's have a productive, friendly, & efficient meeting.



**Respectful
language &
professional
meeting
behavior**



**Similar
questions may
be grouped**



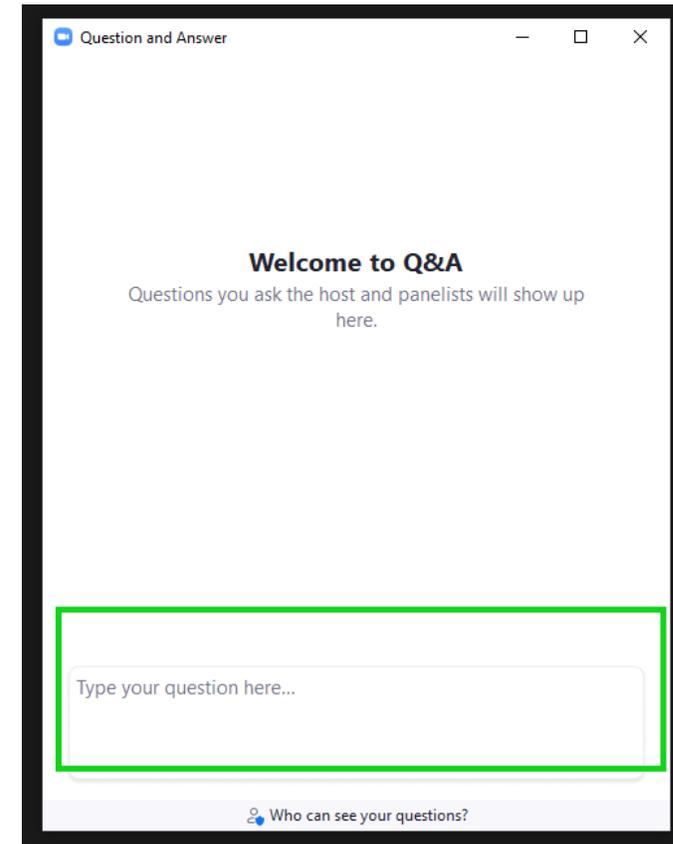
**Recording
available
online**

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(3) Please type question in the textbox & click enter.

We want your feedback!



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through April 6, 2026!



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