



# Somerville I-93 Viaduct Bridge Preservation Project: Construction Update






*Public Information Meeting*

June 9, 2022 | 6:00 – 7:30 p.m.

Project File No. 606528



# Zoom Meeting Webinar Controls

-  • Listen in Spanish, Chinese (Mandarin), Haitian Creole and Portuguese
-  • Drop down menu to check microphone and speakers
-  • Ask a question and share comments
-  • Raise your hand
-  • If you are unable to access the internet or are having technical problems, please call into the meeting at 1-646-876-9923, Webinar ID: 830 9123 8534

If you have trouble with the meeting technology during the presentation, please call:

1-888-799-9666

Closed captioning automatically generated by Zoom



# Public Meeting Notes and Procedures

## Notification of Recording

- This virtual public meeting will be recorded. The Massachusetts Department of Transportation may choose to retain and distribute the video, still images, audio, and/or Q&A transcript. By continuing attendance with this virtual public meeting, you consent to participate in a recorded event.
- If you are not comfortable being recorded, please turn off your camera, and keep your microphone muted, or you may choose to excuse yourself from the meeting.

## Other Important Notes

- Your microphone and webcam are automatically disabled upon entering this meeting.
- The meeting will be open to questions and answers at the end of the formal presentation.
- Please take time to respond to our survey! Your feedback is important.

**All questions and comments are welcome and appreciated, however, we do request that you refrain from any disrespectful comments.**

**Thank you for joining our meeting. We appreciate your participation!**

## **Notice Of MassDOT Policy Diversity and Civil Rights**

All MassDOT activities, including public meetings, are free of discrimination. MassDOT complies with all federal and state civil rights requirements preventing discrimination on the basis of race, color, national origin, limited English proficiency, and additional protected characteristics. We welcome the diversity from across our entire service area. If you have any questions or concerns, please visit <https://www.mass.gov/nondiscrimination-in-transportation-program> to reach the Office of Diversity and Civil Rights.

**All questions and comments are welcome and appreciated, however, we do request that you refrain from any disrespectful comments.**



# Outreach Conducted for Public Information Meeting

- MassDOT flyer and meeting notice posted on MassDOT website
- Meeting notice published in local newspapers
  - *Brazilian Times*
  - *Somerville Journal*
  - *The Somerville Times*
- Flyer and meeting notice shared with City officials of Somerville
- Meeting information shared through MassDOT's social media accounts



O Departamento de Transportes de Massachusetts convida você a participar de uma:  
**Reunião Virtual de Informação Pública Sobre:**  
**Atualização da construção e preservação da ponte do viaduto Somerville I-93**  
**Quinta-feira, 9 de Junho, 2022 - 6:00PM – 7:30PM**

Esta reunião sobre a construção vai proporcionar uma oportunidade para o público saber do Projeto de Preservação da Ponte do Viaduto Somerville I-93, e também vai proporcionar uma visão geral do projeto, além de cronograma e impactos no tráfego à partir de junho de 2022. Os participantes terão a oportunidade de fazer perguntas e comentários.

Todos os moradores, empresários locais e interessados estão convidados a participar. Todos os que entrarem na reunião e fornecerem um endereço de e-mail serão inseridos no banco de dados de e-mail do projeto para receber atualizações. Antes da reunião, se você tiver dúvidas ou preocupações específicas para a equipe do projeto, envie um e-mail para: [massdot93somervilleviaduct@dot.state.ma.us](mailto:massdot93somervilleviaduct@dot.state.ma.us)

Nota: Esta reunião é acessível a pessoas com deficiência. O MassDOT fornece acomodações razoáveis e/ou assistência linguística gratuita mediante solicitação (por exemplo, intérpretes em Língua de Sinais Americana e outros idiomas além do inglês, legendas ao vivo, vídeos, dispositivos de escuta assistida e formatos alternativos de materiais), conforme apropriado. Para acomodação ou assistência linguística, entre em contato com o Diretor de Diversidade e Direitos Civis do MassDOT pelo telefone (857) 368-8580, Relay Service em 7-1-1, fax (857) 368-0602 ou por e-mail para [MASSDOT.CivilRights@dot.state.ma.us](mailto:MASSDOT.CivilRights@dot.state.ma.us).

As solicitações devem ser feitas o mais rápido possível antes da reunião e, para os serviços mais difíceis de conseguir, como: linguagem de sinais, CART ou tradução ou interpretação de idiomas, as solicitações devem ser feitas pelo menos dez dias úteis antes da reunião.

Título VI Aviso de Não Discriminação: O MassDOT está em conformidade com o Título VI da Lei de Direitos Civis de 1964 e os estatutos e regulamentos federais e estaduais relacionados. É política do MassDOT garantir que nenhuma pessoa ou grupo de pessoas devem, com base nas categorias protegidas do Título VI, incluindo raça, cor, origem nacional, ou sob categorias protegidas federais e estaduais adicionais, incluindo sexo, idade, deficiência, orientação sexual, identidade ou expressão de gênero, religião, credo, ascendência, status de veterano ou antecedentes, ser excluído da participação, ter seus benefícios negados ou ser sujeito a discriminação sob qualquer programa ou atividade administrado pelo MassDOT.

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Título VI Aviso de não discriminação: MassDOT está em conformidade com o Título VI da Lei dos Direitos Civis de 1964 e afins

Caso esta informação seja necessária em outro idioma, favor contar o Especialista em Título VI do MassDOT pelo fone 857-368-8580.

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如果需要使用其它语言了解信息, 请联系马萨诸塞州交通部 (MassDOT) 《民权法》第六章专职人员, 电话 857-368-8580。

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# Agenda

- 01 Welcome
- 02 Project Overview
- 03 What to Expect During Construction
- 04 How We Will Inform You
- 05 Q&A





# Project Team

## MassDOT Highway Division

### Bridge Owner and Project Proponent

- Joseph Stasio, Project Manager & Resident Engineer
- Paul Stedman, District 4 Highway Director
- Robert Antico, Design Project Manager
- Michael Winnick, District 4 Area Construction Engineer
- Scott Kelloway, District 4 Assistant Construction District Engineer
- Daniel Fielding, Legislative Affairs

## City of Somerville

- Brad Rawson, Director of Transportation and Infrastructure

## Contractors

- Engineer of Record: TranSystems
  - Ali Tali, Designer of Record
  - Michael Sarazen, Traffic Engineer
- General Contractor: SPS New England, Inc.
  - Brayden Sheive, Project Manager
- Public Outreach Coordination: Howard Stein Hudson
  - Erin Reed, Project Manager

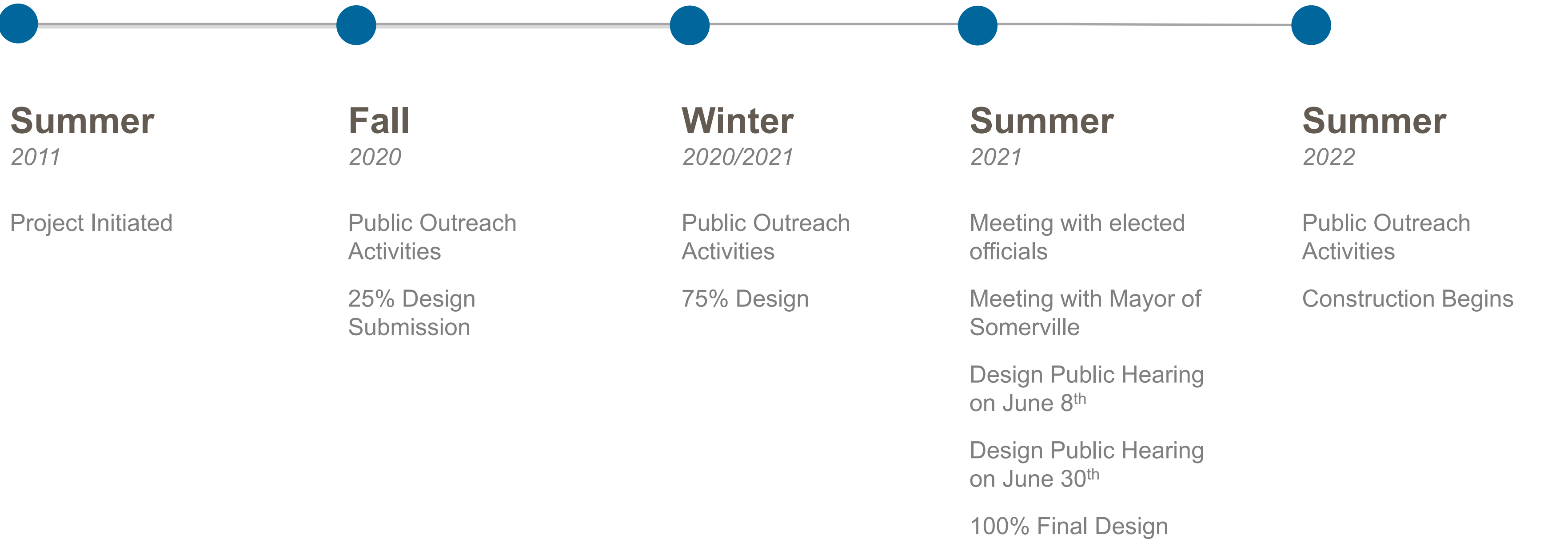


## Project Area





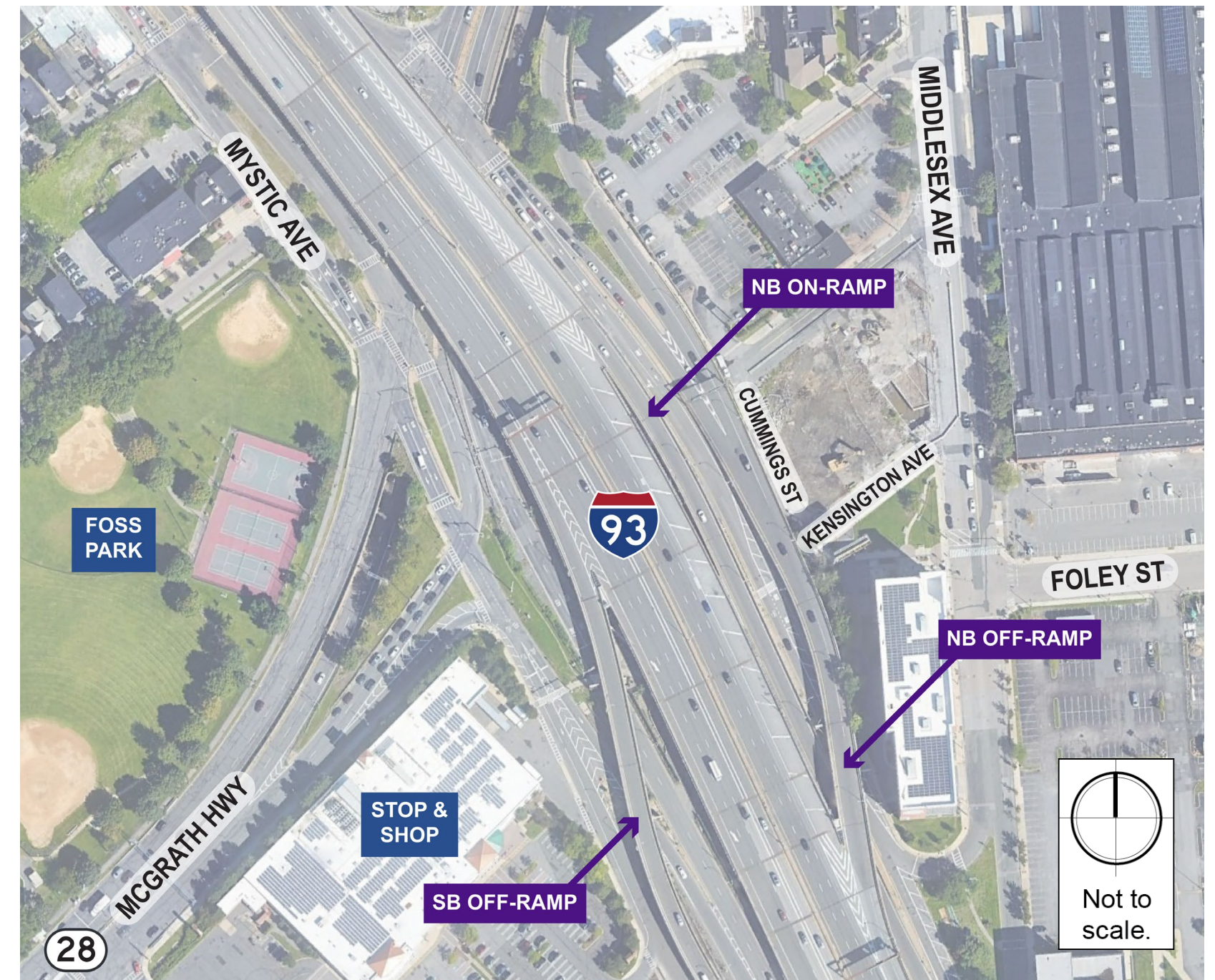
# How did we get here?





# Project Overview

- Aging viaduct is a major commuter link that carries about 140,000 vehicles per day
- The viaduct encompasses four (4) independent structures:
  - I-93 Mainline Bridge
  - Northbound Off Ramp from I-93 to Mystic Ave
  - Northbound On Ramp from Mystic Ave to I-93
  - Southbound Off Ramp from I-93 to Mystic Ave
- Preservation of the existing viaduct carrying I-93 in the City of Somerville will extend the life of the viaduct and decrease frequent repairs





Existing Conditions

Structural Deterioration – Steel Superstructure



Structural Deterioration – Concrete Substructure



Misaligned Steel Girders



# Scope of Work

Preservation work includes:

- Superstructure steel repairs and painting
- Substructure concrete repairs
- Replacement of existing bridge joints
- Deck repairs as needed





# Project Schedule



- Substructure Concrete Repairs (primarily daytime work)
- Structural Steel Cleaning, Repairs, and Painting (primarily daytime work)
- Bridge Joint Replacement (nighttime work)
- Deck Repair work (nighttime work)



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**What to  
Expect During  
Construction**



## Construction Impacts

- Construction will utilize both day and night shifts based on contract restrictions
- Impacts to expect
  - Noise - Contract requires construction-related noise to be controlled throughout the duration of work
  - Dust - Contract requires construction-related dust emissions to be controlled throughout the duration of work
  - Traffic – changes to traffic flow and detours were developed to minimize impacts to local traffic and abutters



## Mitigation: Noise Control

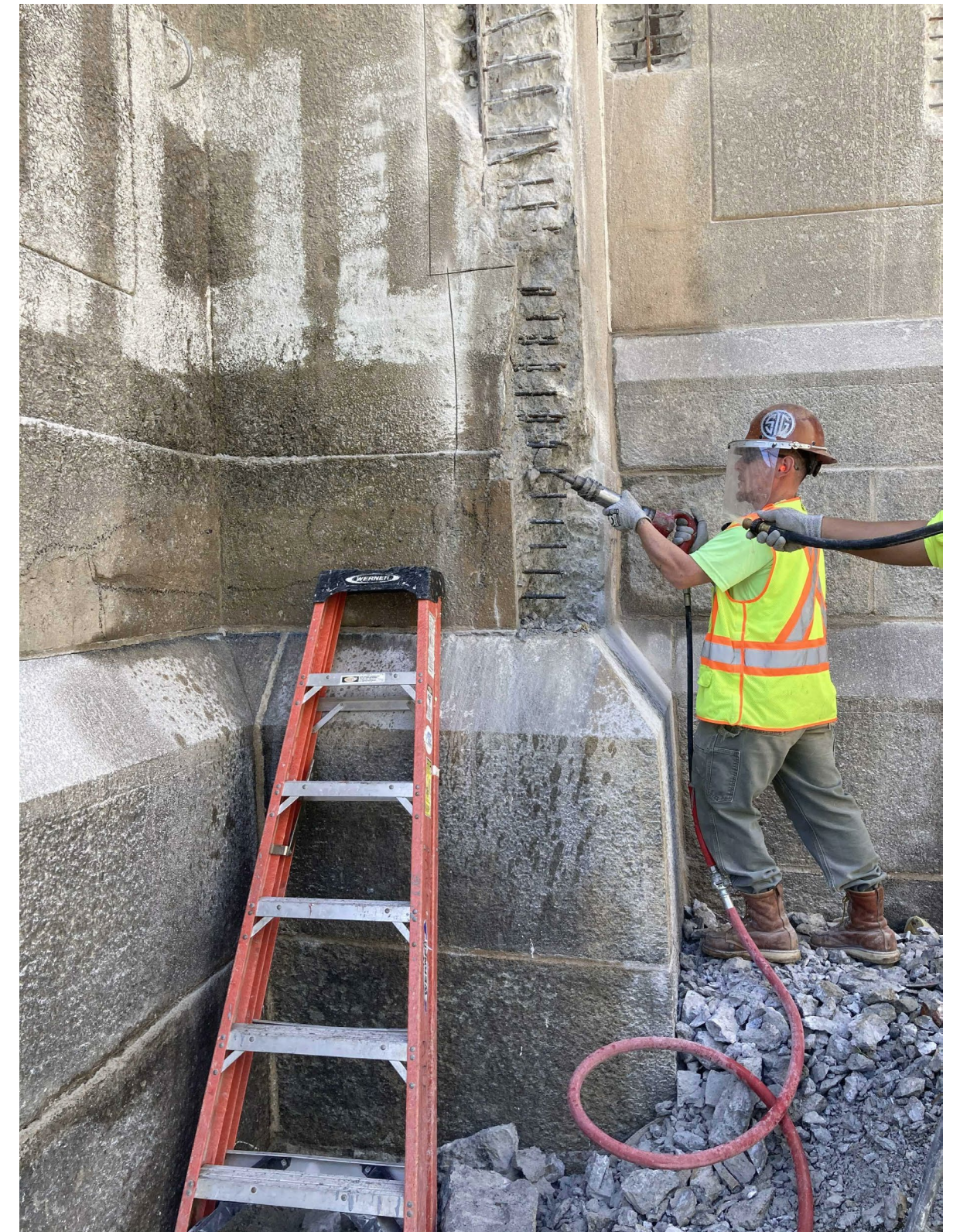
- Noise from the Work Zone is unavoidable but will be controlled in accordance with the contract documents
  - Baseline noise levels already collected by a Licensed Acoustical Engineer
  - Noise control plan submitted and approved by MassDOT
- Contractor to employ noise abatement measures as needed, based on the Acoustical Engineer's recommendations and the equipment being used for the work
  - Minimize noise within construction areas, lay-down areas, and communities adjacent to the construction site in accordance with the Contract Documents





## Mitigation: Dust Control

- Control construction related dust emissions at all times during work of this Contract
- Examples of Dust Suppression Methods that may be used:
  - Light water sprays
  - Foams
  - Dust suppressants
  - Calcium Chloride
  - Tarps
- Intrusive activities may be reduced or curtailed under high wind or heavy rain conditions if nuisance dust is not mitigated using the Dust Suppression Methods
- Any concerns are overseen by the project team and can be sent to [MassDOTi93SomervilleViaduct@dot.state.ma.us](mailto:MassDOTi93SomervilleViaduct@dot.state.ma.us)





## Traffic Impacts

- A 2.5-year (30 months) construction duration is anticipated
- Phased detours throughout: ramp closures, underpass detours: Rt 28 and Mystic Ave
- Impacts to I-93 and local roadway traffic will occur primarily at nighttime
- MBTA bus stop will be relocated
- Overnight lane reductions on I-93 –full lane capacity during the day
- Closures to be communicated via VMS boards, and project advisories via Gov Delivery and project website
- Coordination with Emergency Services so they are aware of when detours are in place
- Lane closure and detours can be found on the project website



[www.mass.gov/somerville-i-93-viaduct-preservation](http://www.mass.gov/somerville-i-93-viaduct-preservation)



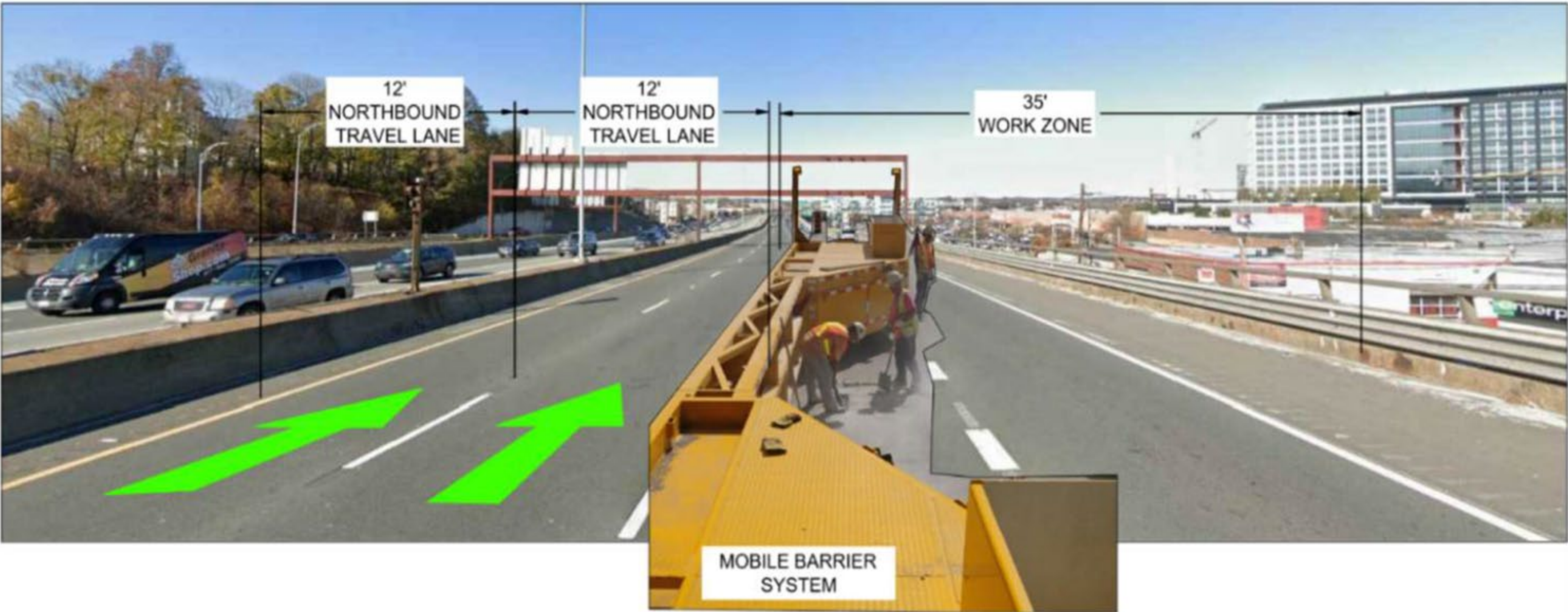
# Traffic Monitoring

- Traffic Monitoring to support the detour routes
- Adjust signal timing based on monitoring of detour routes
- Police details to support traffic management
- Real Time Traffic Management Plan for I-93 Mainline for bridge joint work
  - Cameras
  - Speed Sensors
  - Message Boards
  - Remote Monitoring
- Any concerns are overseen by the project team and can be sent to [MassDOTi93SomervilleViaduct@dot.state.ma.us](mailto:MassDOTi93SomervilleViaduct@dot.state.ma.us)





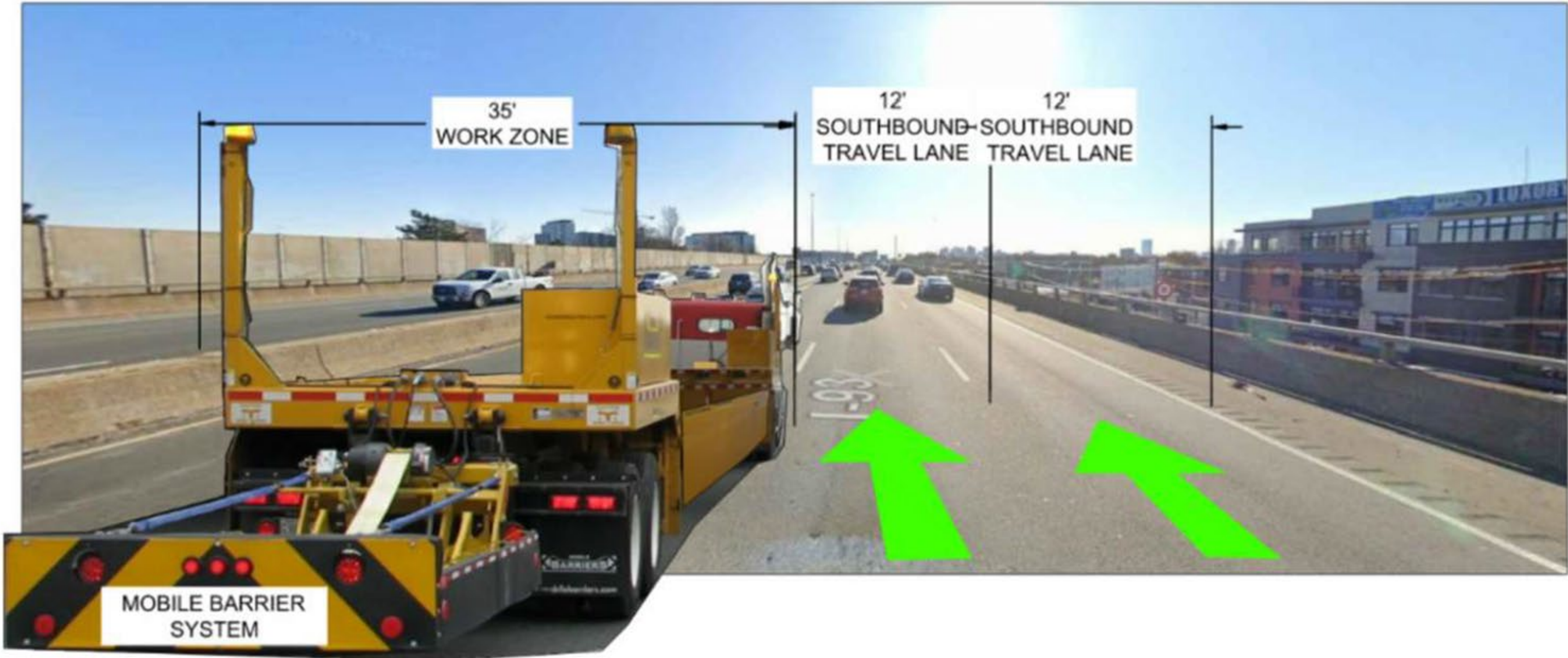
# Traffic Impacts





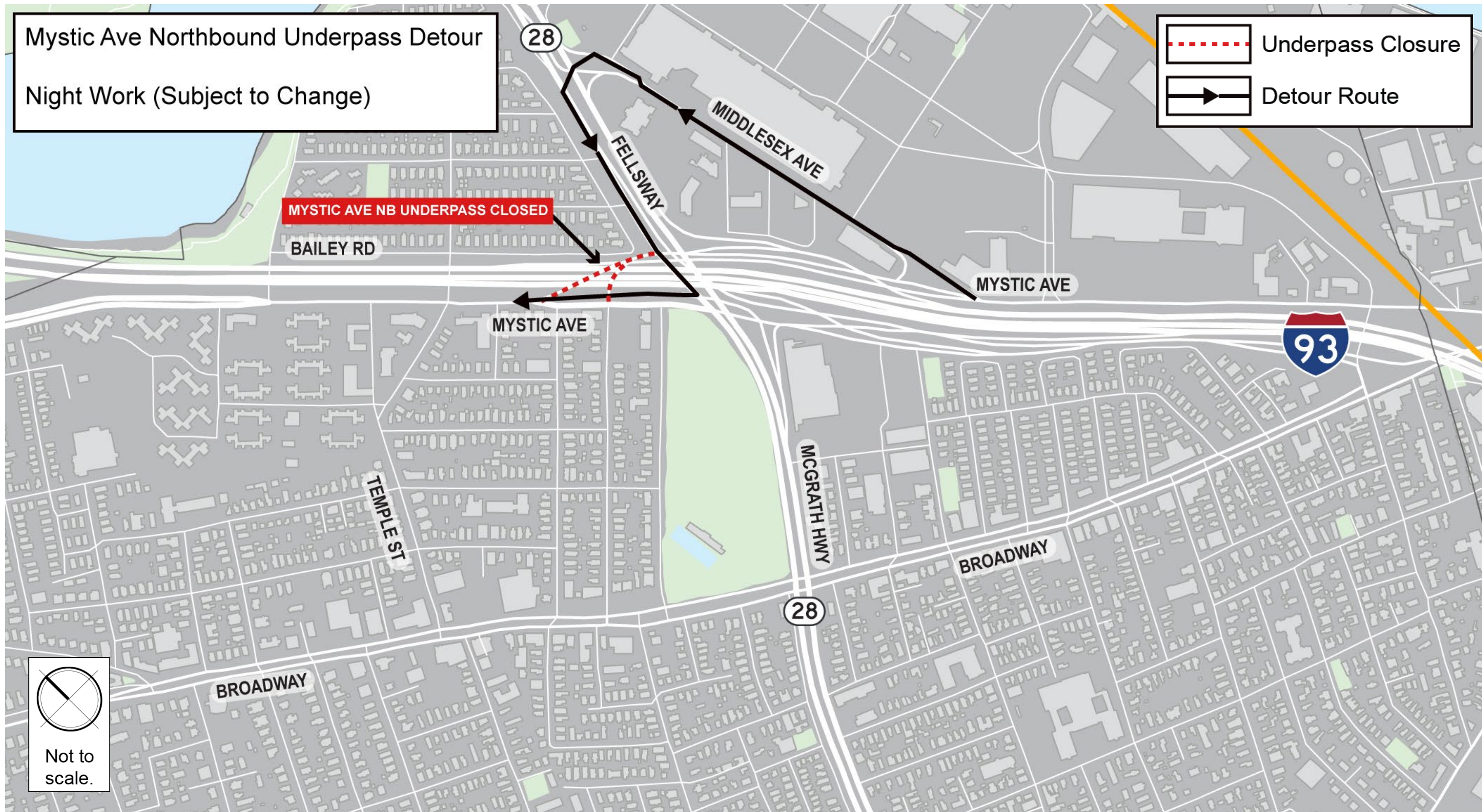
# Traffic Impacts

I-93 LANE CLOSURE STAGE 2: INSIDE LANES CLOSED (NIGHT WORK)





# Mystic Ave NB Underpass Detour



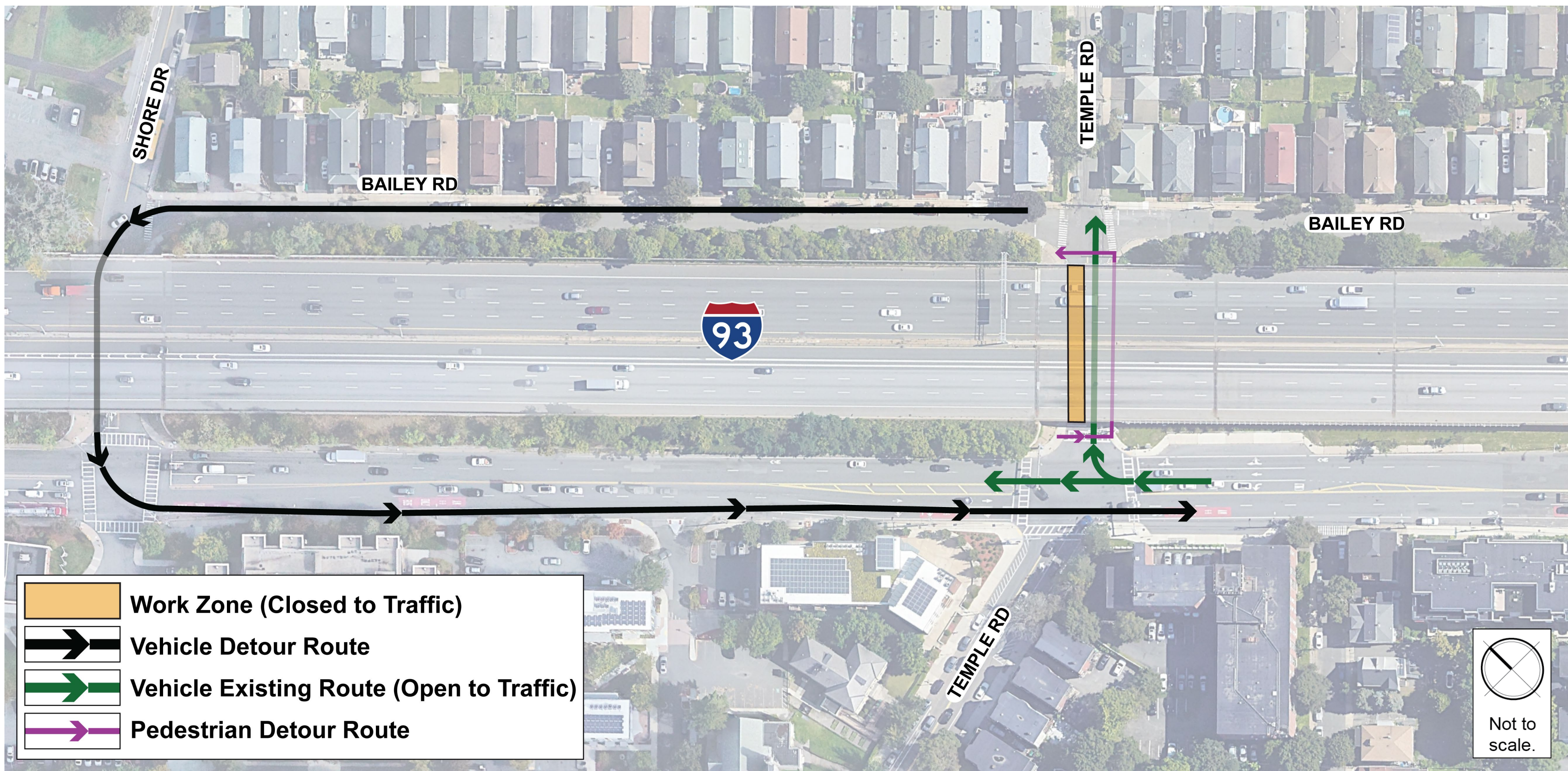


# Temporary Bus Stop Relocation



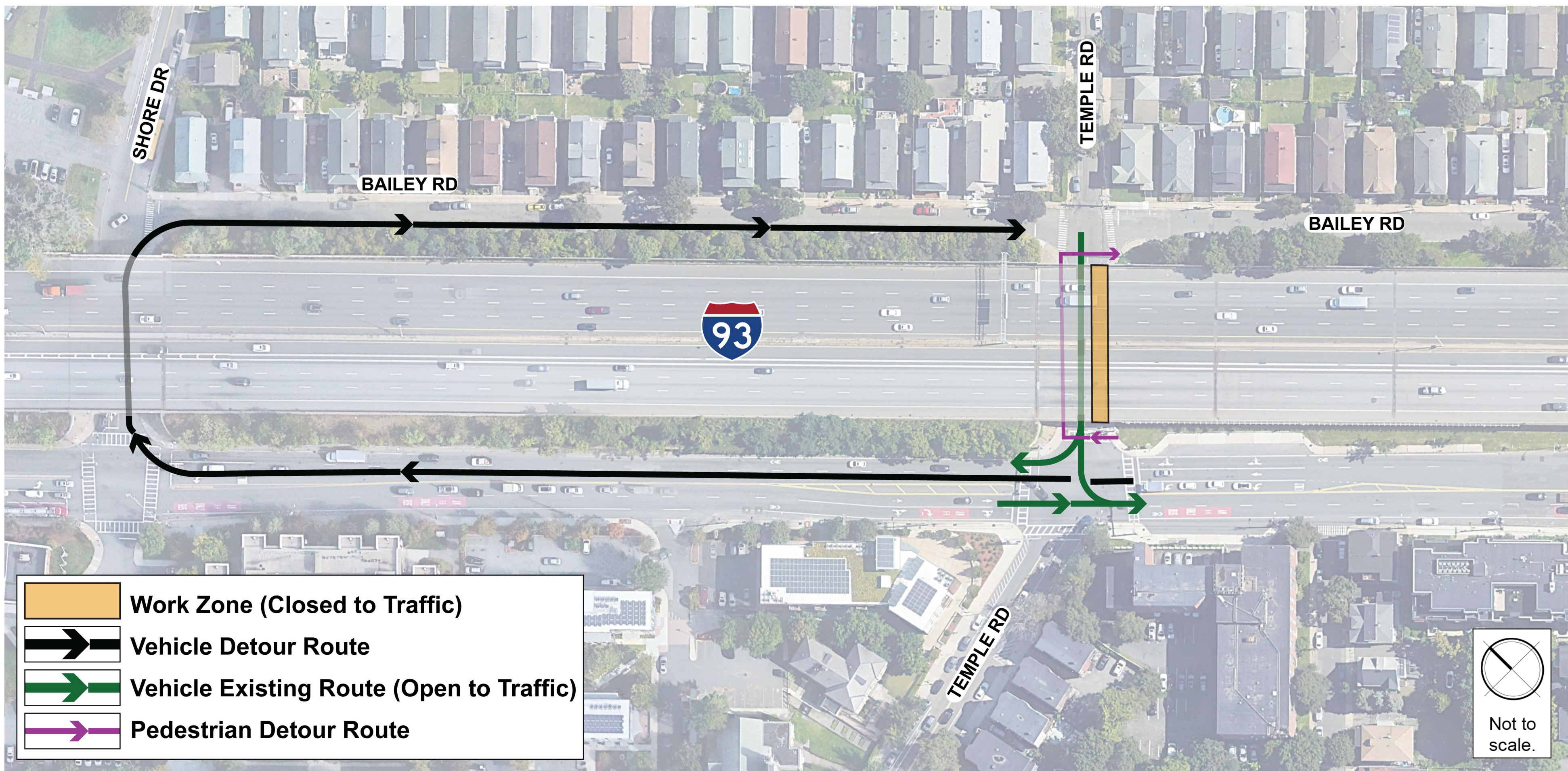


# Temple Road Westbound Underpass Detour (Daytime Only)





Temple Road Eastbound Underpass Detour (Daytime Only)







**How will we  
keep you  
informed?**



# How will we keep you informed?

Up-to-date traffic information for planned lane closures and detours will be made available prior to any traffic changes being implemented. We will keep you informed with:

- Website
  - Notifications
  - Monthly Project Updates
  - Meeting Information
- Email Advisories via Gov Delivery
  - Direct Notifications
  - Traffic & Construction Updates
- “Megaphones” – Local officials & Community Organizations
- Social Media
- Two-way communication between the project team & community via the project email address  
[MassDOTi93SomervilleViaduct@dot.state.ma.us](mailto:MassDOTi93SomervilleViaduct@dot.state.ma.us)



## Somerville I-93 高架桥维护虚拟公众信息会议

### 发生了什么？

马塞诸塞州交通部(MassDOT) 正在开始对位于 Route 28 和 Temple Street 之间的 Somerville I-93 高架桥进行桥梁维护

- 该项目将于 2022 年 6 月启动，并将会带来诸多公共利益，包括
- 延长高架桥的使用寿命降低维修的频率

### 这将会为您带来怎样的影响？

邀请所有临近业主和道路使用者参加虚拟公众信息会议，讨论将于 2022 年 6 月开始的施工时间表、项目影响和建议的绕行路线。演讲之后将进行问答环节。

### 什么时候

星期四2022年6月9日18:00

### 参加

[活动 | Mass.gov](https://rebrand.ly/MassDOT-Events)



请注意，本次会议将被录音。

请访问 <https://rebrand.ly/MassDOT-Events> 获取更多信息



本次会议可以保障残障人士参加。麻州交通部可应要求，在能够满足的情况下免费提供合理的便利设施和/或语言协助（如美国手语和英译外口译、直播字幕、视频、辅助听力设备）。如需特殊安置或语言帮助，请致电（857） 368-8580， TTD/TTY（857） 266-0603，传真（857） 368-0602 或发送电子邮件至 [MASSDOT.CivilRights@dot.state.ma.us](mailto:MASSDOT.CivilRights@dot.state.ma.us) 与麻州交通局多元化和公民权利主管联系。相应要求应在会前尽早提出。对于手语、CART 或语言翻译或口译等比较有难度的服务需求，请至少在会议前十个工作日提出。

有关拟议工程的项目问询、书面意见陈述和其他证据可通过电子邮件提交给代理总工程师嘉莉·拉瓦利 [MassDOTI93SomervilleViaduct@dot.state.ma.us](mailto:MassDOTI93SomervilleViaduct@dot.state.ma.us)

或通过美国邮政寄至 Paul Stedman, District Highway Director, MassDOT, 519 Appleton Street, Arlington, MA 02476, Attention: Project Management, PROJECT FILE NO. 606528



## How to Connect with the Project



Email the project team with feedback and questions:

- [MassDOTi93SomervilleViaduct@dot.state.ma.us](mailto:MassDOTi93SomervilleViaduct@dot.state.ma.us)



Timely project updates

Project Website

[www.mass.gov/somerville-i-93-viaduct-preservation](http://www.mass.gov/somerville-i-93-viaduct-preservation)

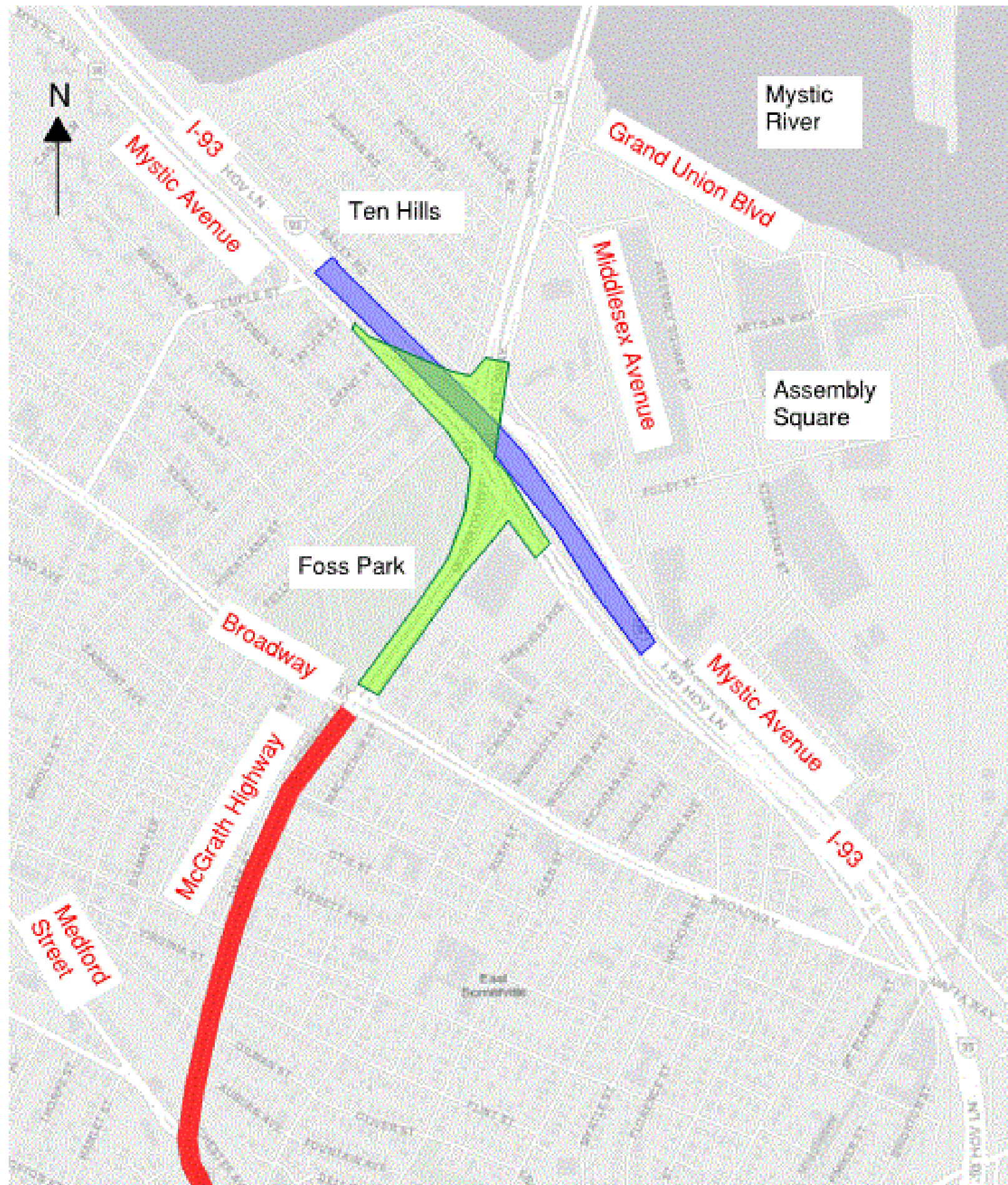


Sign-Up for Project Update Emails

GovDelivery







## MassDOT Projects in the Area

### Bridge Substructure Repairs (# 606528)

### Route 28 / Route 38 Intersection (# 608562)

- Design in progress

### McGrath Highway Resurfacing (# 608482)

- Under construction

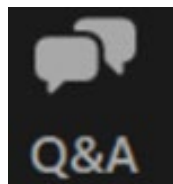




# Questions and discussion



# Share Your Questions and Comments



- Submit your questions and comments using the Q&A button



- “Raise your hand” to be unmuted for verbal questions



- Please state your name before your question



- Please share only **1** question or comment at a time, limited to **2** minutes, to allow others to participate.



- To ask a question via phone, dial \*9 and the moderator will call out the last 4-digits of your phone number and unmute your audio when it is your turn.

**Please be advised that all Q&A and comments are subject to disclosure for public records, therefore use these functions for project-related business only.**





# *Thank You*

## *I-93 Somerville Bridge Preservation Project*

Contact information:

[MassDOTi93SomervilleViaduct@dot.state.ma.us](mailto:MassDOTi93SomervilleViaduct@dot.state.ma.us)





# Nearby Project Information – McGrath Highway



Somerville - Signal and Intersection Improvements at McGrath Highway (Route 28) / Mystic Avenue (Route 38) project

Questions: email  
[daniel.fielding@state.ma.us](mailto:daniel.fielding@state.ma.us)