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# Cummins Highway: Highway: Final Design

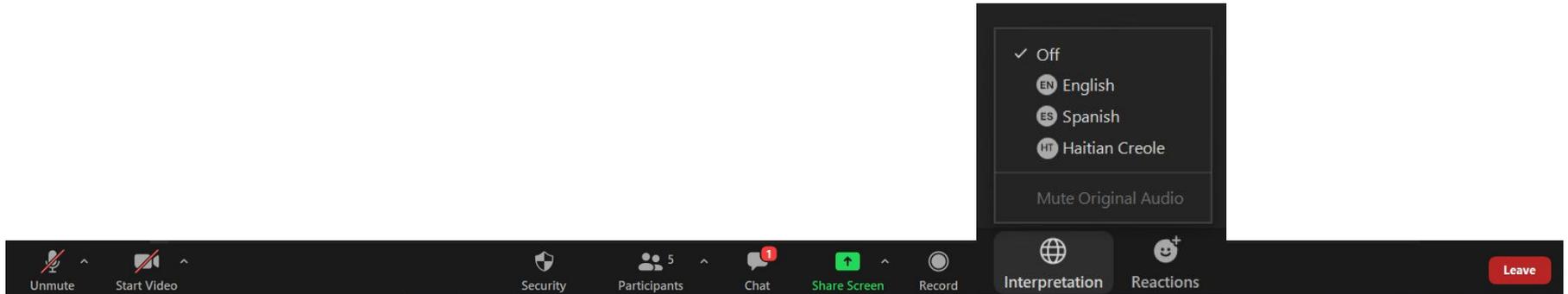
March 19, 2024



# Welcome! ¡Bienvenidos! Akeyi!

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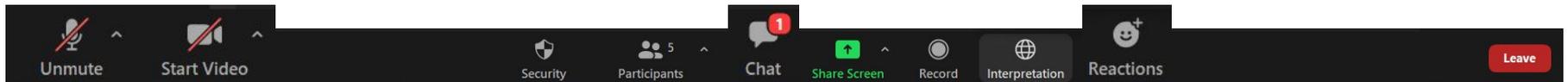
- Si hablas español y prefieres escuchar la reunión en esta lengua utiliza el botón de “Interpretation” (Interpretación) para acceder al canal de audio en español.
- *Si w pale Kreyòl Ayisyen e w prefere tande reyinyon an nan lang sa a tanpri sèvi ak bouton "Interpretation" (Entèpretation) pou w jwenn aksè ak chèn odyo pou Kreyòl Ayisyen an.*



# Welcome! ¡Bienvenidos! Akeyi!

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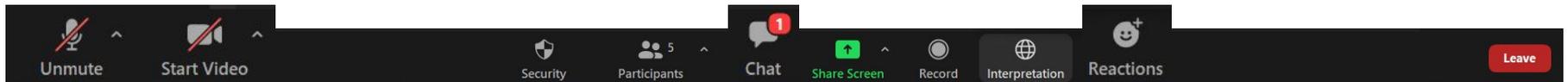
- This meeting **will be recorded**.
  - Esta reunión será grabada.
  - *Reyinyon sa a ap anrejistre.*
- Update your name in Zoom to include your preferred name and your pronouns.
  - Actualiza tu nombre en Zoom con tu nombre preferido y tus pronombres.
  - *Aktyalize non w sou Zoom pou w mete non prefere w ak pwonon w.*



# Welcome! ¡Bienvenidos! Akeyi!

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- Your microphones are turned off to start. You will need to unmute to speak. Joining via phone? Press **\*6** to unmute.
  - Tu micrófono está apagado al empezar. Tendrás que reactivarlo para hablar. ¿Participando por teléfono? Presiona \*6 para reactivar el micrófono.
  - *Mikwo w fèmen pou kòmanse. Ou pral bezwen ouvri mikwo a pou w pale. W ap konekte pa telefòn? Peze \*6 pou ouvri mikwo a.*
- You can use non-verbal feedback options. Raise your hand or leave a message in the chat box if you have a question. If you called into the meeting, use **\*9** to raise your hand.
  - Puedes utilizar las opciones de reacción no verbales. O dejar un mensaje en el chat si tienes alguna pregunta. Si estás llamando por teléfono usa \*9 para levantar la mano.
  - *Ou gendwa sèvi ak opsyon fidbak non-vèbal. Leve men w oswa kite yon mesaj nan bwat tchat la si w genyen yon kesyon. Si w konekte nan reyinyon an, sèvi ak \*9 pou leve men w.*



**Hello! ¡Hola! *Bonjou!***

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**Julia  
Campbell**

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Deputy Chief  
of Streets for  
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**Jeffrey Alexis**

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Engineering,  
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Department



**Hannah Fong**

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Active Transportation,  
Transportation  
Department



**Frances Oliviera**

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Community  
Engagement Specialist  
Streets Cabinet

# Tonight's Meeting

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- Provide an overview of project goals and final design
- Share general construction timeline
- Share how to receive construction updates

# Aging infrastructure on Cummins Highway

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Cummins Highway hasn't been updated since **1955**.

The street cars that ran along Cummins were removed in 1953 to make room for more cars.

The street's layout reflects the priorities of the 1950's: enable non-residents to drive quickly through our neighborhoods.



# Cummins Highway needs an upgrade

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## What we heard:

“Very challenging place to safely cross streets, walk or bike along roadway safely”

“Sidewalks desperately need repair; can't walk without tripping or stubbing toes on raised portion of sidewalks”

“Road needs to be paved”

“Cars regularly pass through over 40 mph. Also coming onto Cummins is difficult because entry can be blind from the side streets”

“It is very dark when turning into Rosewood St. We need better lighting”

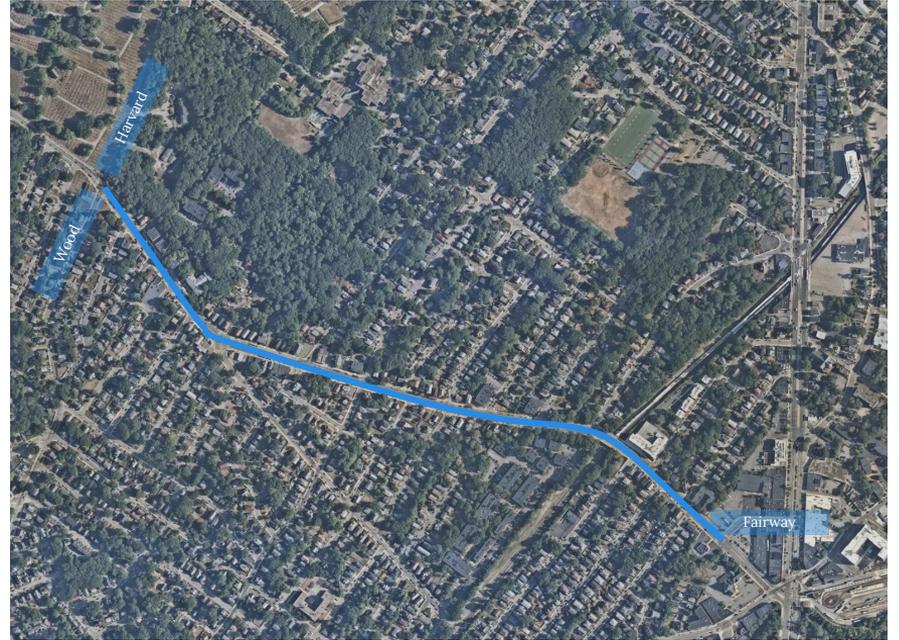


# Cummins Highway reconstruction

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**Beginning this spring**, we will completely rebuild Cummins Highway from Wood Avenue to Fairway Street

This is the first major investment in Cummins Highway since 1955, following the removal of trolleys from service.



# Cummins Highway Reconstruction

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The City has fully funded **\$32 million** for reconstruction of Cummins Highway, from rebuilding the sidewalks, modernizing the traffic signals, to repaving the street.



# The Cummins Highway reconstruction goal: safer, more accessible

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The vision: Cummins Highway will be a ***tree-lined neighborhood street*** that is *safer* for families, *connect* residents to *open spaces*, and make it easier for elders to cross the street.



# Cummins Highway Engagement

Public Meetings at Mattahunt:  
April 2019 - February 2020



Pilot Design Trial: Oct. 2020 - Oct. 2021



2021 - 2023: Monthly "Walk and Talk"  
with people on Cummins Highway



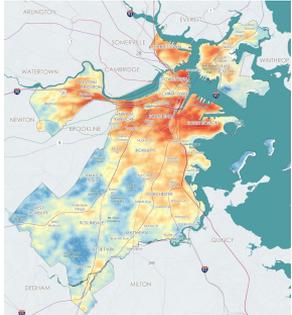
Tableting at Mattapan Farmers Market: October 2020 to Summer 2023

# Community Conversations

We hosted a series of virtual conversations to gather feedback and share information about street design

**July 2021**

**HEAT RESILIENCE &  
CLIMATE CHANGE**



**July 2021**

**AIR QUALITY &  
POLLUTION**



**Aug. 2021**

**LAND USE**



**Sep. 2021**

**STREET LIGHTING**



**Oct. 2021**

**PUBLIC HEALTH**



**Oct. 2021**

**STORMWATER &  
FLOODING**



**Jan. 2022**

**BUS RIDERS**



**Feb. 2022**

**STREET TREES**



**March 2022**

**INTERSECTIONS &  
VEHICLE FLOW**



**April 2022**

**DESIGNING FOR ALL  
AGES**



**May 2022**

**PEOPLE WITH  
DISABILITIES**



**June 2022**

**PUBLIC ART**

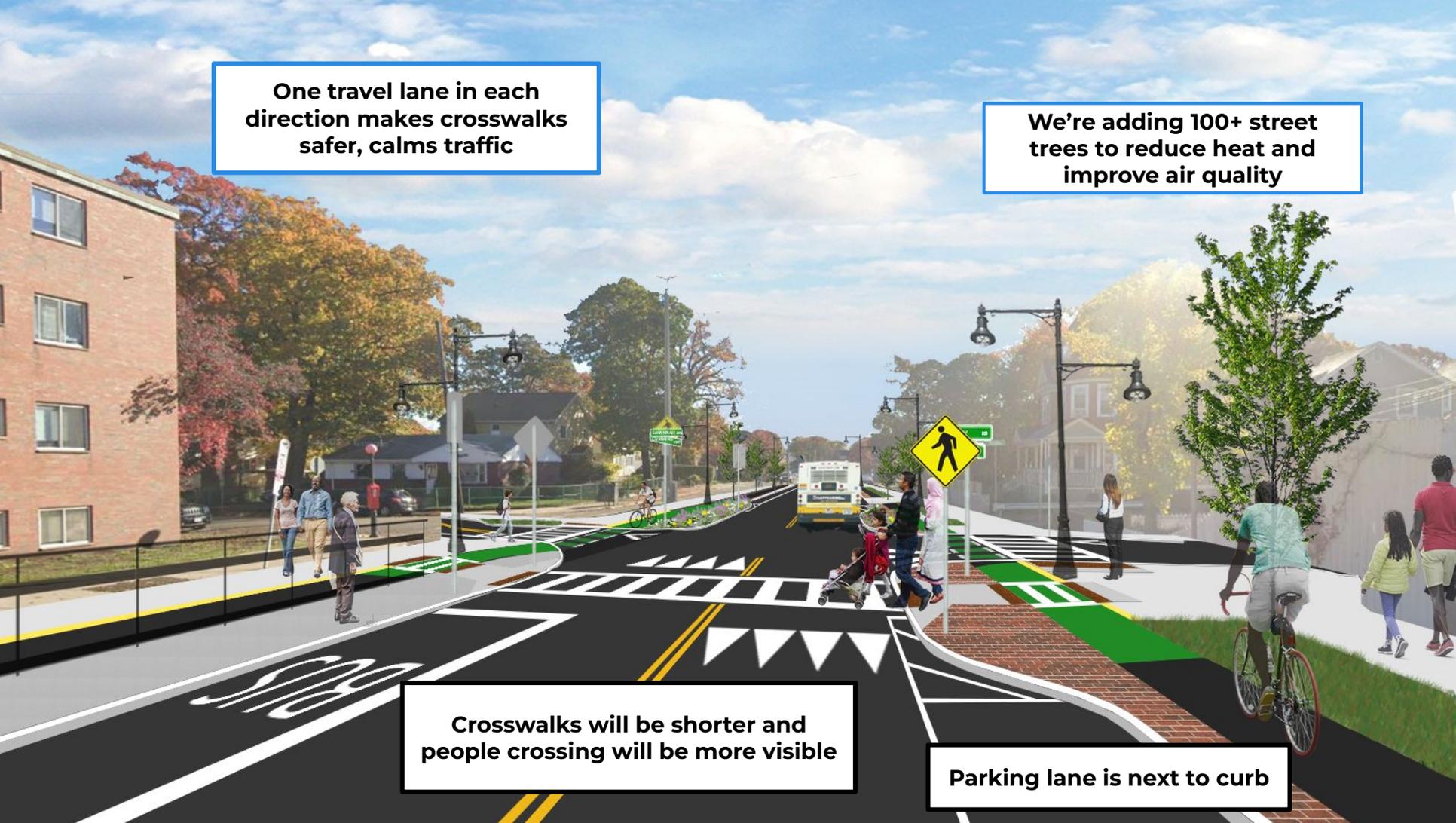


**One travel lane in each direction makes crosswalks safer, calms traffic**

**We're adding 100+ street trees to reduce heat and improve air quality**

**Crosswalks will be shorter and people crossing will be more visible**

**Parking lane is next to curb**



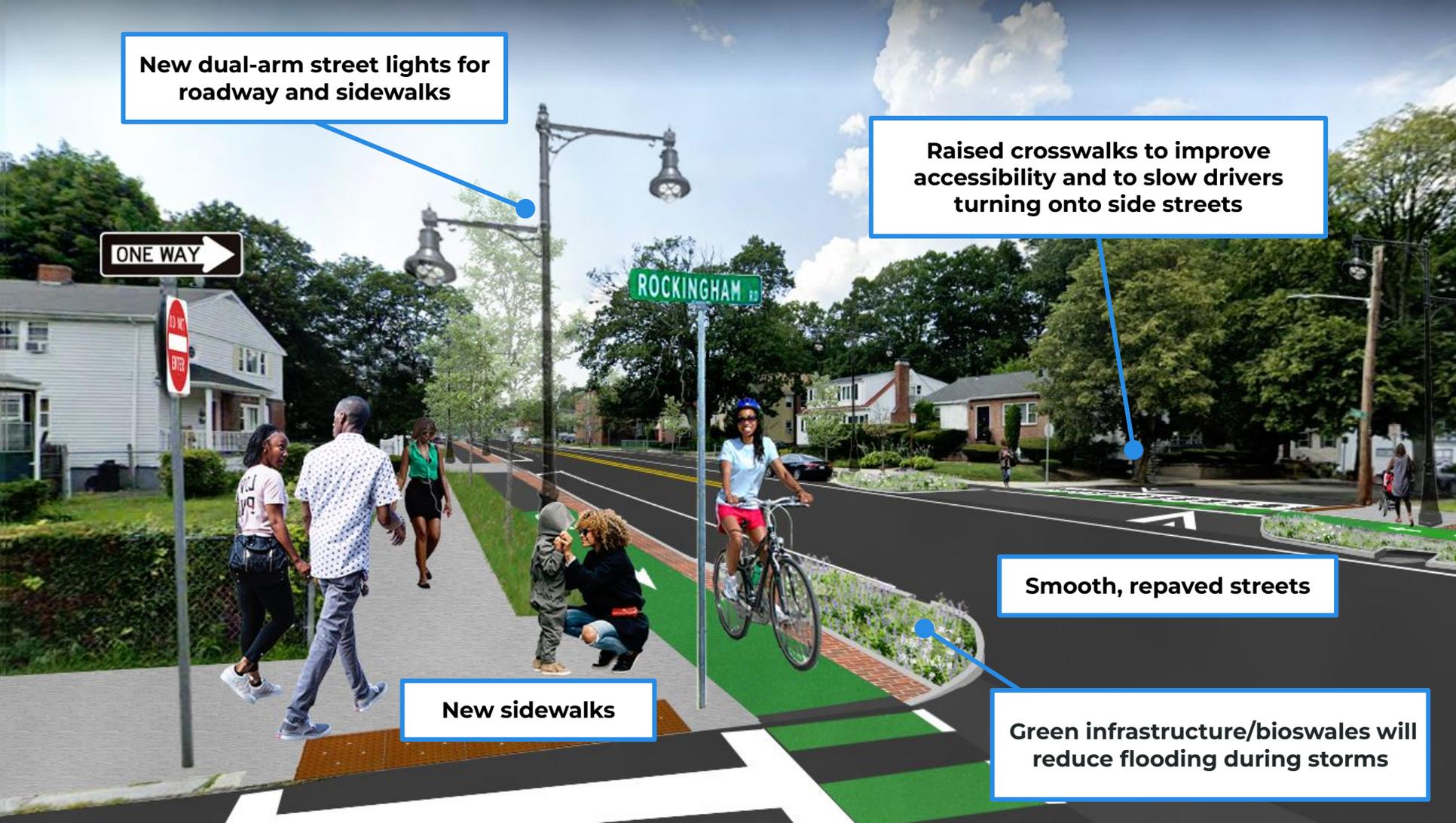
**New dual-arm street lights for roadway and sidewalks**

**Raised crosswalks to improve accessibility and to slow drivers turning onto side streets**

**Smooth, repaved streets**

**Green infrastructure/bioswales will reduce flooding during storms**

**New sidewalks**



# Cummins at Weybosset/Greenfield

A roundabout will improve safety while allowing traffic to flow



Crosswalks will be shorter and people crossing will be more visible

# AIR QUALITY

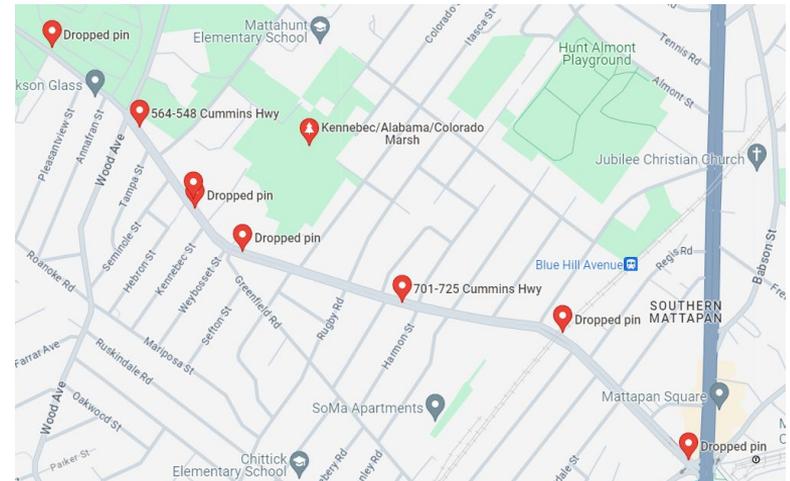
Residents wanted us to monitor air quality on Cummins.

*What we did:* We installed 8 sensors on street poles on Cummins Highway and 1 in Mattahunt Woods to monitor air quality for the last 2 years

*What we learned:*

- Air quality levels were similar to levels observed elsewhere in the greater Boston area
- There was no discernible difference in air quality at different locations on Cummins Highway
- Air pollution levels was about 10% lower in Mattahunt Woods, where the City is carrying out an ecological restoration project this year

*What's next:* Once the street reconstruction is complete, we'll re-install sensors to compare results.



# Traffic-calming on side streets

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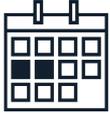
## Safety Surge program:

- We're adding speed humps across Boston to calm speeding on side streets
- Speed humps slow speeds to 20-25 mph



# Construction Information

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Construction will last Spring through Late Fall. We aim to complete construction in 2026



Construction will halt by 3 pm



Sign-up for email updates at [boston.gov/cummins-highway](https://boston.gov/cummins-highway)



[cummins@boston.gov](mailto:cummins@boston.gov)



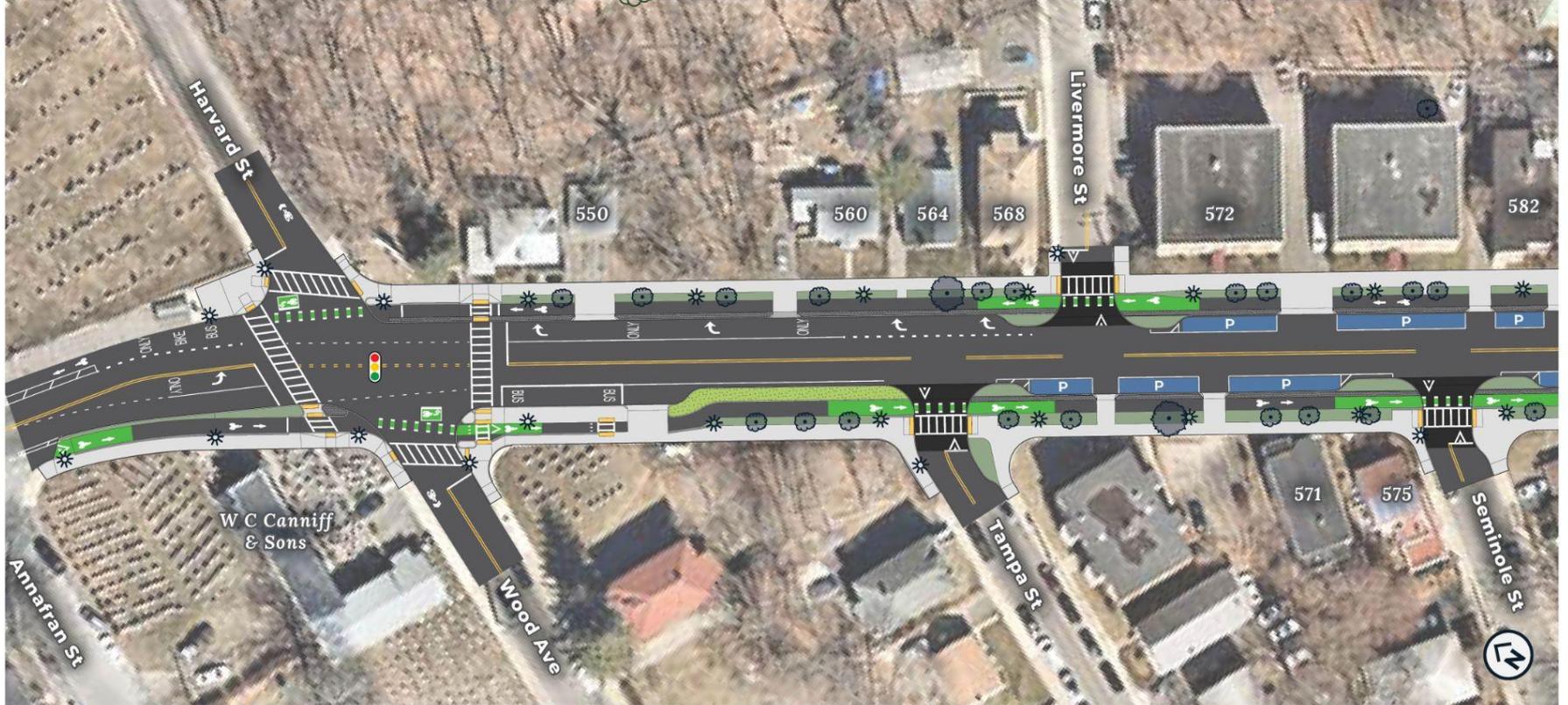
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# Learn more: Cummins Highway Project Info

- Visit the project website: [boston.gov/cummins-highway](https://boston.gov/cummins-highway)
- Email: [cummins@boston.gov](mailto:cummins@boston.gov)

# Slides for Q&A

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## LEGEND

	On-street parking Pakin nan lari Estacionamiento en la calle		Street light Limyè lari Farola		New tree Nouvo pyebwa Árbol nuevo		Existing tree Pyebwa ki deja egziste Árbol existente		Grass Zèb Césped		Green infrastructure Enfrastrikti vèt Infraestructura ecológica		Traffic signal Siyal trafik Señal de tráfico		Raised crosswalk Twtotwa ki pi wo Cruce peatonal elevado
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# CUMMINS HIGHWAY | FINAL DESIGN OVERHEAD VIEW

2024



City of Boston  
Public Works



City of Boston  
Transportation



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# CUMMINS HIGHWAY | FINAL DESIGN OVERHEAD VIEW

2024



City of Boston  
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## LEGEND

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# CUMMINS HIGHWAY | FINAL DESIGN OVERHEAD VIEW

2024



City of Boston  
Public Works



City of Boston  
Transportation



## LEGEND

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# CUMMINS HIGHWAY | FINAL DESIGN OVERVIEW VIEW

2024



City of Boston  
Public Works



City of Boston  
Transportation



## LEGEND

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# Cummins Highway Engagement

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We learned about resident concerns about safety, speeding, congestion, accessibility, in many different ways



- Public meetings
- Postcards & Mailers
- Tabling at Mattapan Farmers Market
- Neighborhood association meetings
- Talking with people on the street
- Virtual “Community Conversation” meetings
- Emails
- Online surveys
- Virtual “office hours” with project staff

# Summary of improvements

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- **Repaving:** The street will be fully repaved, smoothing potholes
- **New sidewalks:** We'll rebuild the sidewalks with trees, fixing curb ramps and improving street lighting
- **Traffic signal upgrades:** We're retiming the signals to accommodate the design and maintain traffic flow
- **Safer crosswalks:** Crosswalks across Cummins will be shorter and safer. We'll add raised crosswalks on side streets to slow turns and crosswalk
- **Better street lighting:** We'll upgrade street lighting. They'll be placed on sidewalks to improve lighting for people walking and biking
- **Active mobility space:** Dedicated space for biking, skateboarding, or riding scooters that will be separated from car traffic and differentiated from pedestrian sidewalk space
- **New street trees.** Reconstructing the street will provide opportunity to add 115 new street trees
- **Green infrastructure:** We'll integrate green infrastructure and permeable pavement to reduce flooding risks by managing stormwater and beautify the street
- **Raised crosswalks:** Raised crosswalks are better for accessibility, reduce pooling in curb ramps,