

Newton Carriageway / Commonwealth Avenue (Route 30) Reconstruction Project

Nicole Freedman

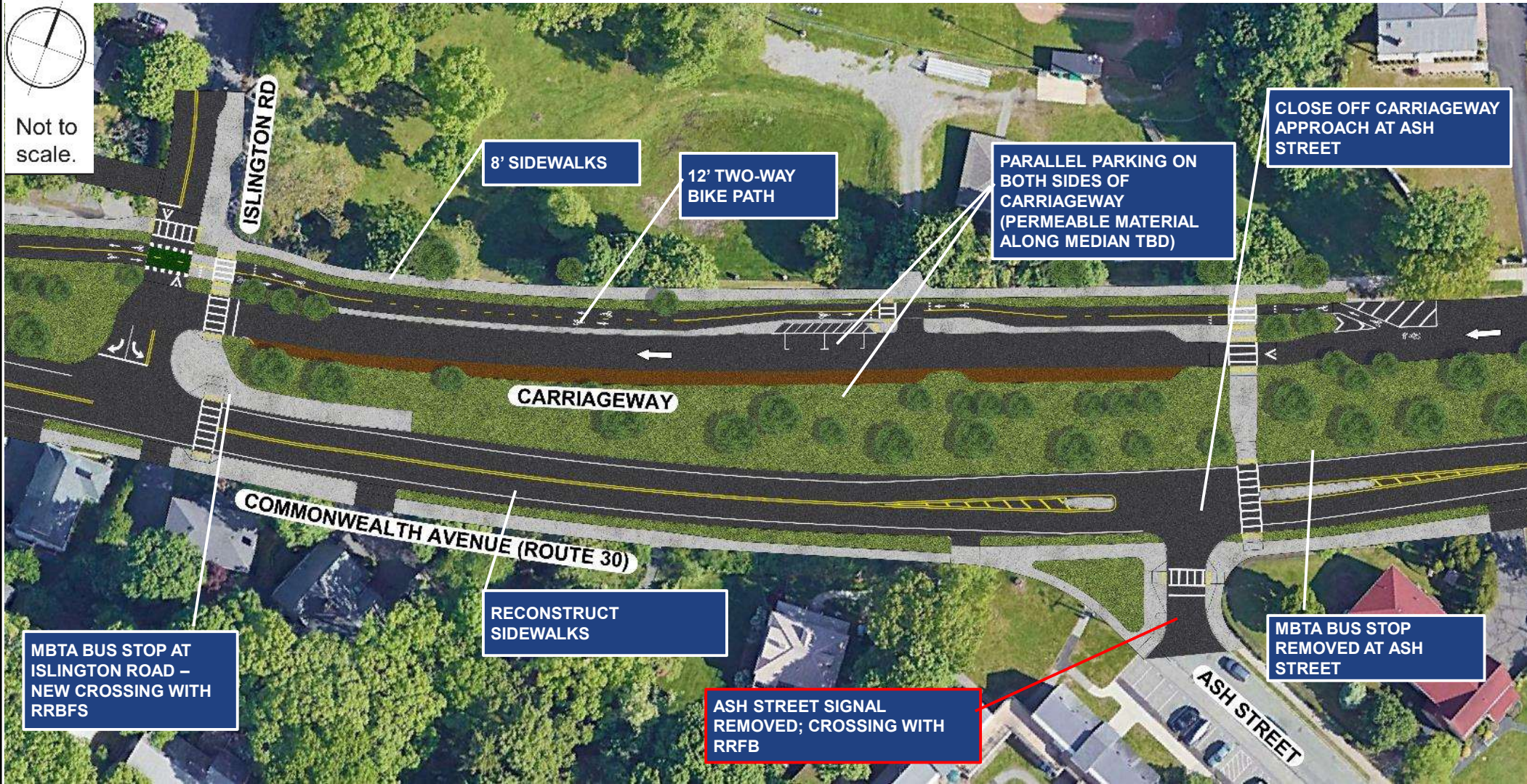
*Director of Transportation Planning
City of Newton*

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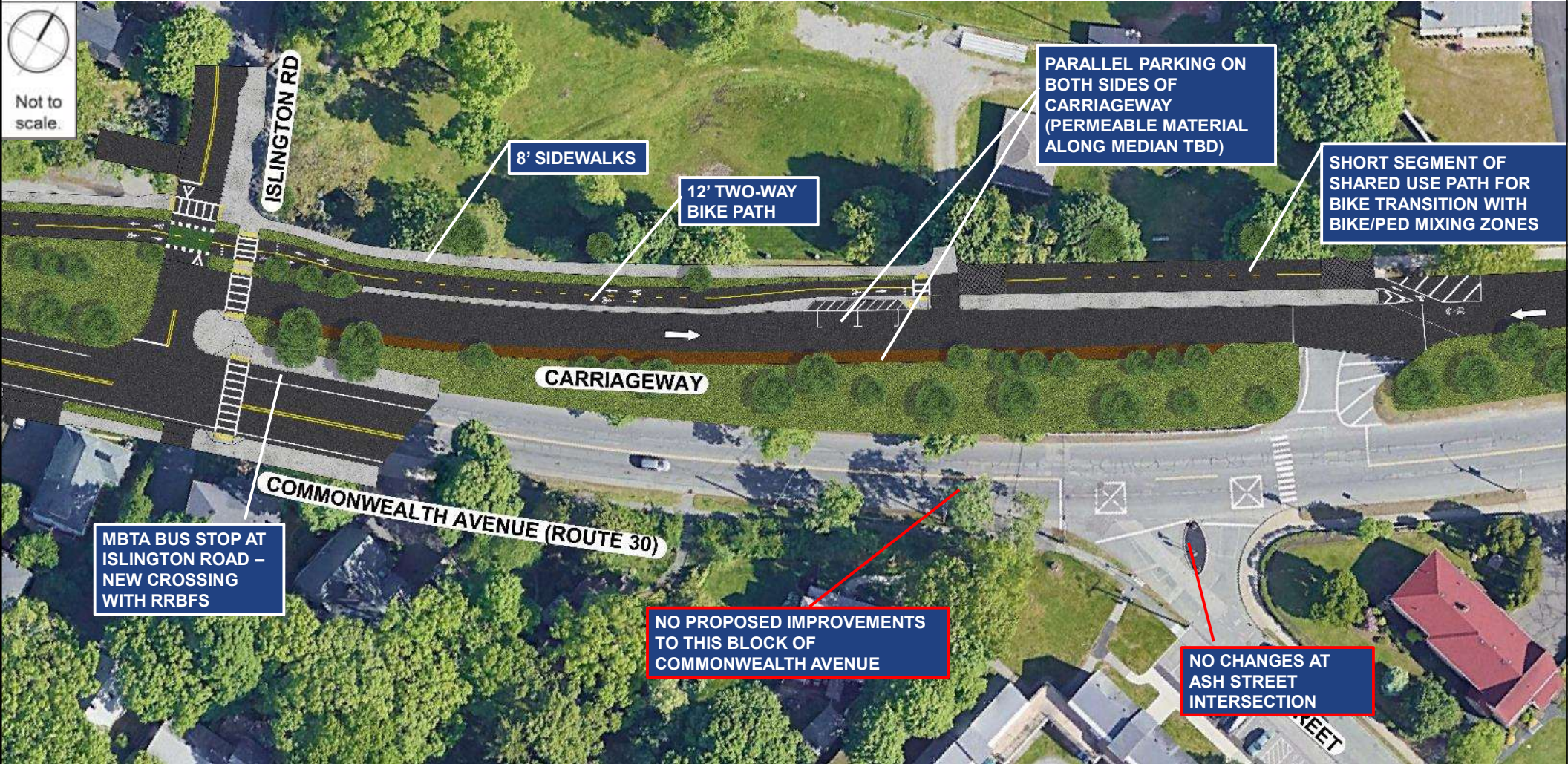
I1. Islington Road to Ash Street – Preferred Design from 4/6 (with Ash)

Only change since 4/6/22 public hearing was to add a turn lane.

Removes signal. Upgrades Ash.



2 Islington Road to Ash Street – Alt Design from 4/6 (w/out Ash). *No change since 4/6/22 public hearing. Keeps signal. No Ash upgrades.*



Not to scale.

ISLINGTON RD

8' SIDEWALKS

12' TWO-WAY BIKE PATH

PARALLEL PARKING ON BOTH SIDES OF CARRIAGEWAY (PERMEABLE MATERIAL ALONG MEDIAN TBD)

SHORT SEGMENT OF SHARED USE PATH FOR BIKE TRANSITION WITH BIKE/PED MIXING ZONES

CARRIAGEWAY

COMMONWEALTH AVENUE (ROUTE 30)

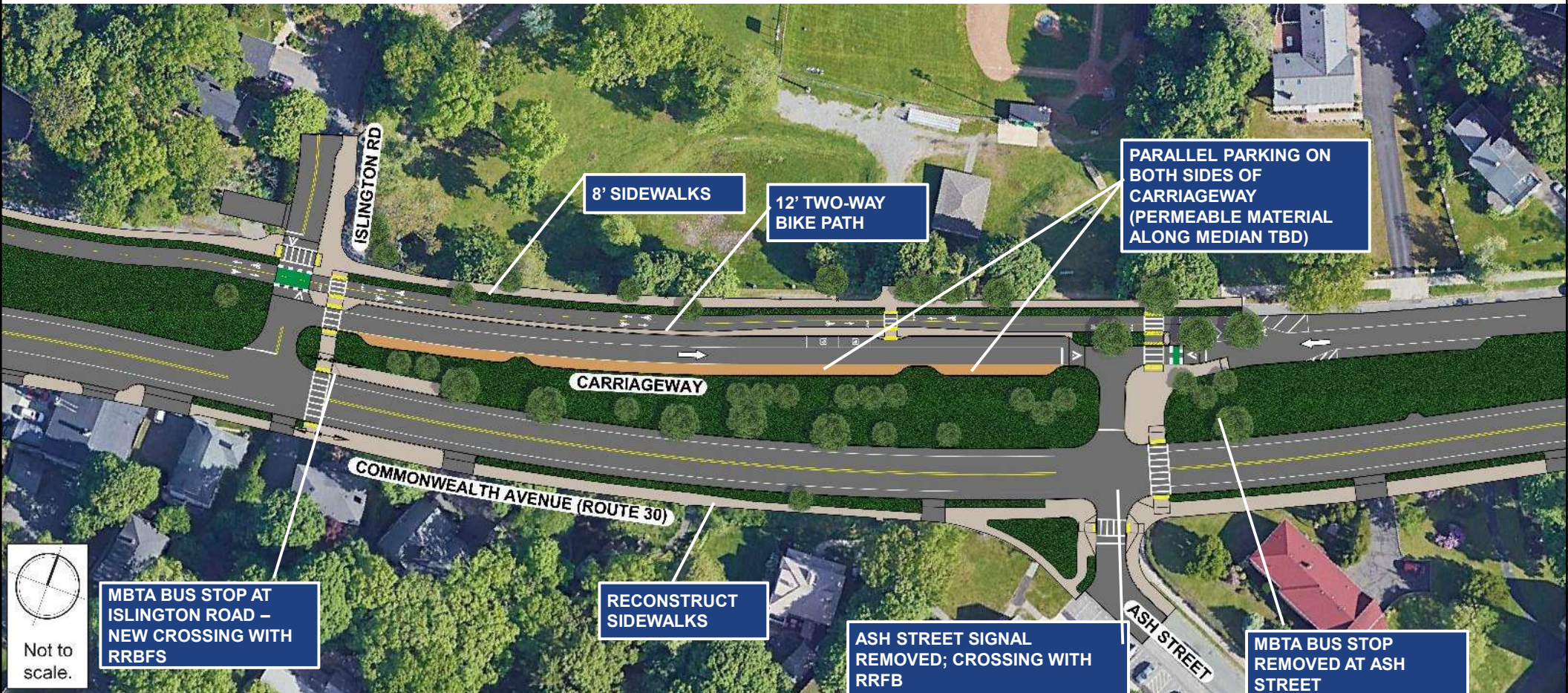
MBTA BUS STOP AT ISLINGTON ROAD - NEW CROSSING WITH RRBFS

NO PROPOSED IMPROVEMENTS TO THIS BLOCK OF COMMONWEALTH AVENUE

NO CHANGES AT ASH STREET INTERSECTION

ASH STREET

3. Islington Road to Ash Street – “Option 3” (with Ash) New Recommended on 4/14
New since 4/6. Removes signal. Upgrades Ash. “Signal-ready”





1. Preferred Design (With Ash) from 4/6

Upgrades Ash
Removes signal
Closes intersection



2. Alt Design (Without Ash) from 4/6

No Ash upgrades
Keeps signal



3. "Option 3" (With Ash) New Recommended from 4/16

Upgrades Ash
Removes signal
Keep intersection – "signal-ready"

Islington Road Average Delay at AM Peak Hour

Intersection/ Movement	No Build Conditions (Signal)	1. Preferred Design (Upgrade Ash. No Signal)	2. Alternative (Keep signal. No Ash Upgrades)	3. "Option 3" – (Upgrade Ash. No Signal but Signal- ready)
	Average Delay (Seconds)			
Commonwealth Avenue/ Islington Road				
Islington SB left	66	153	50	75
Islington SB right		18		
Commonwealth Avenue/ Ash Street				
Ash NB left/right	36	72	36	126
Carriageway SB left/right	34	-	34	113

Islington Road Average Delay at PM Peak Hour

Intersection/ Movement	No Build Conditions (Signal)	1. Preferred Design (Upgrade Ash. No Signal)	2. Alternative (Keep signal. No Ash Upgrades)	3. "Option 3" – (Upgrade Ash. No Signal but Signal- ready)
	Average Delay (Seconds)			
Commonwealth Avenue/ Islington Road				
Islington SB left	42	64	35	46
Islington SB right		18		
Commonwealth Avenue/ Ash Street				
Ash NB left/right	48	45	48	66
Carriageway SB left/right	45	-	45	48

Question: Why can't we upgrade Ash St and add a signal? Can the City install the signal later?

The project is funded by MassDOT. MassDOT law does not allow installation of a signal that does not meet traffic warrants.

If we reconstruct Ash, per MassDOT rules, we will need MassDOT approval for future installation of a signal.

If the City reconstructs Ash separate from this project, the City would not recommend the installation of a traffic signal at at Ash Street because it does not meet signal warrants.

Question: Can the City allow eastbound travel on the Carriageway from Islington to Melrose?

For discussion...

Question: Can the City install a roundabout at Islington?

After preliminary investigation into this option, we unfortunately cannot move forward with this option.

Question: Can we add more traffic calming to Commonwealth Avenue

We are looking into what additional traffic calming will be possible.

Question: Did the pandemic influence the traffic data?

Traffic data was taken twice. The first collection occurred before Covid (February 25-27), nearly 2 weeks before the State of Emergency was declared, and before school was closed in Newton.

A second set of data was taken in June 2021. We worked closely with Parks & Rec to ensure that traffic count data was collected during a time that Lyons Field was being heavily used.

Question: Can we add more parking spaces for the dog park

We are looking at adding up to 5 parking spaces near Woodbine on Comm Ave for combined use of the existing park and any future dog park, plus the businesses/ residences on Woodbine. To make a final determination, we are doing a parking study.

Anticipated Project Timeline



Thank you!

Nicole Freedman

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