

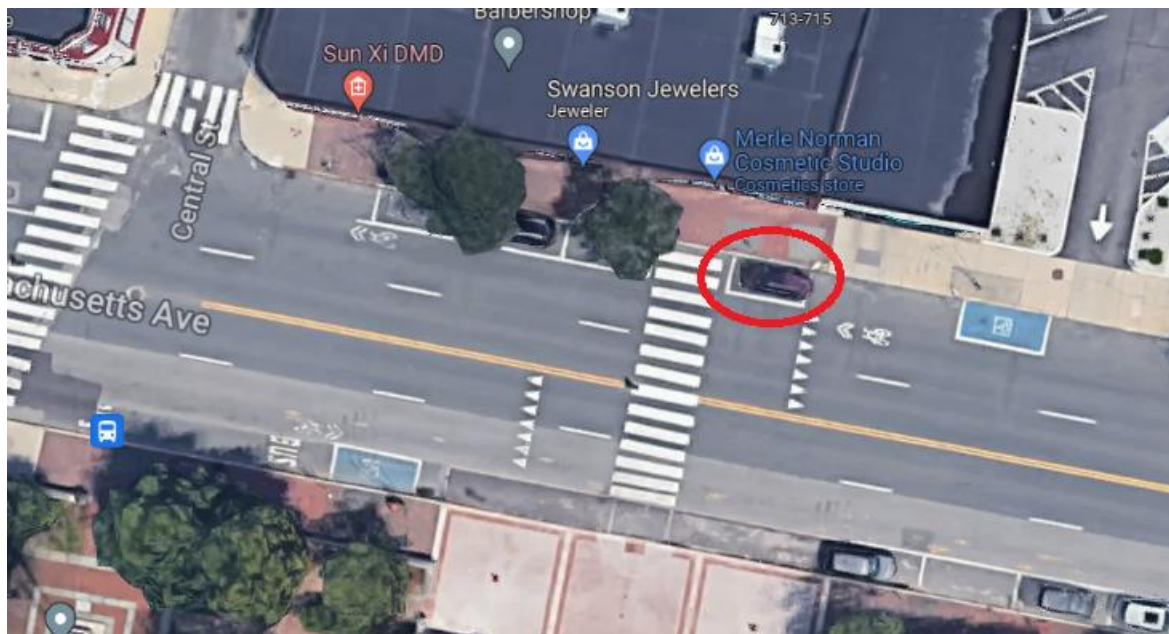


## TRANSPORTATION ADVISORY COMMITTEE.

Arlington Planning Department, 730 Massachusetts Ave,  
Arlington MA, c/o Daniel Amstutz.

Date: October 13, 2022.  
To: Select Board.  
From: Transportation Advisory Committee.  
Subject: Removal of parking space before crosswalk at Town Hall

TAC has been reviewing crosswalks in Arlington Center, and it is recommending the removal of a single parking spot across from Town Hall in order to increase pedestrian visibility in the crosswalk.



*Figure 1: Parking spot recommended for removal is circled in red.*

The single parking spot abuts the Massachusetts Ave crosswalk in front of Town Hall and the driveway exit from the Citizens Bank drive-thru teller (Fig 1). A vehicle parked in the marked spot can limit the visibility of pedestrians seeking to cross Massachusetts Ave to Town Hall. It also limits the ability of drivers heading westbound on Massachusetts Ave and drivers exiting from Citizens Bank driveway to see pedestrians entering the crosswalk. See Figure 2 showing how parked vehicles impair visibility of pedestrians in the crosswalk.



*Figure 2: Cars parked in front of the crosswalk obstruct visibility for pedestrians and drivers.*

Further, this parking spot does not conform to the guidelines set out in Manual on Uniform Traffic Control Devices (MUTCD, 2009) Chapter 3B.16.12, because parking spaces should not be placed between the yield lines and the crosswalk:

Chapter 3B. Pavement and Curb Markings, Section 3B.16 Stop and Yield Lines

12 If yield or stop lines are used at a crosswalk that crosses an uncontrolled multi-lane approach, the yield lines or stop lines should be placed 20 to 50 feet in advance of the nearest crosswalk line, and parking should be prohibited in the area between the yield or stop line and the crosswalk.

Standard:

13 If yield (stop) lines are used at a crosswalk that crosses an uncontrolled multi-lane approach, Yield Here To (Stop Here For) Pedestrians (R1-5 series) signs (see Section 2B.11) shall be used.

<https://mutcd.fhwa.dot.gov/htm/2009/part3/part3b.htm>

TAC recommends removing this parking spot to increase pedestrian safety and installing the No Parking Signs and Yield Here To Pedestrians Signs to bring this



crosswalk into compliance with MUTCD guidelines. The Town also may consider installing flexible bollards or similar infrastructure to prevent illegal parking in this area and preserve visibility. An example of this strategy can be found in Medford on Winthrop Street near the Mystic Valley Parkway in Figure 3.



*Figure 3: Pavement markings and bollards use to prevent illegal parking near a crosswalk on Winthrop Street in Medford.*