

Historic District Commission Application

Continued

Concord Shared Streets Proposal, Main and Walden Pedestrian Crossing Safety Improvements

Project Narrative

The primary goal of the Main and Walden Street Speed Management project is to create a safer streetscape for our community that fits within the historic character of the Town Center.

The project area is a critical crossing point within the Town's historic Town Center and is used by residents and visitors alike. The project will improve the safety of multi-modal users and connection in our historic town for all ages and abilities. The Town has heard from residents that the downtown area is one they feel cars speed through the often not looking out for pedestrians making it dangerous to cross the street.

Concord Center at the intersection of Main Street and Walden Street has 3 crosswalks within the same intersection and several lanes of traffic turning and continuing through which makes it difficult for drivers to take in all of the landscape moving at once. In an effort to slow drivers coming through the area, traffic calming measures are being proposed with visibly different pavement to show the pedestrian heavy area. Better pavement marking would assist vehicles in traversing the intersection which currently does not have clear direction lanes. This would assist drivers in being confident while traversing the intersection and pay more attention to the pedestrians, bicycles, etc which also frequent the area. In keeping with the Town's sustainability principles, street trees on the expanded sidewalk on Main Street would be introduced to create a more pleasant downtown experience, create shade, and assist with storm water runoff.

An easy to maintain pavement covering/stamping which resembles brick and/or cobble will be used to delineate the area from the surrounding street. Bump outs which provide protection to pedestrians and better site lines for pedestrians and vehicles alike will squeeze the road both visibly creating a smaller space with a shorter crosswalk, and alerting drivers to the need to slow down. Improved stormwater management through new catch basins will be installed.

Please note that the materials listed in this application are estimated as this project is required to go out to bid and so exact materials will not be known until after that process is complete. Materials shown here are what will be requested but no specific brands or design types can be specified.

Materials

Materials listed below are subject to change through the bid process, the materials listed below are what we expect to use and will request through the bidding process. Due to the bid process, we cannot request specific designs (such as a specific company or design of the tree grate) but can work with the successful bidder to find an amenable option.

Use	Material
Sidewalks	Concrete, similar to current sidewalk
Detectable warning panels	Cast Iron or a similar metal (example: https://www.ironagegrates.com/product/detectable-warning-plates/), powder coated or “natural” 
Deciduous Street Trees (2)	Exact Species to be later decided, trees such as American Sycamore or Thornless Honeylocust may be considered
Curbing	Granite Curbing
Tree Grate, allows trees to grow and allows stormwater to penetrate and reach roots. ADA complaint	Cast Iron or similar metal, ADA compliance https://www.reliance-foundry.com/hardscape/tree-grates/r-8708-tree-grate , powder coated



Tree Guard,
protects
trees

Stainless Steel or similar material, powder coated