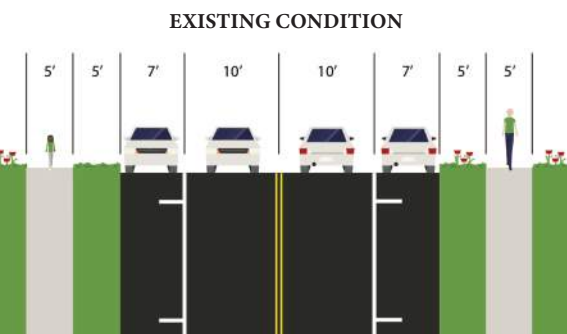


Village of Northbrook Walters Avenue Improvement Project



Background

The Village of Northbrook has secured funding to resurface Walters Avenue. Construction is programmed for 2027. Whenever a resurfacing, reconstruction, or water main project is programmed for construction, the Village also looks to its Bicycle and Pedestrian Plan (adopted in 2018) to identify where bicycle and pedestrian improvements are recommended, as this is the most efficient - and least disruptive - way to improve our streets, sidewalks, and trails.

The Bicycle and Pedestrian Plan proposes buffered bike lanes or protected bike lanes on Walters Avenue between Pfingsten Road and Shermer Road. The Village's ability to implement this recommendation depends on several things, including (1) roadway width, (2) presence of on-street parking, (3) the health, size, and type of trees that could be affected, (4) potential impacts to utility poles, and (5) community preferences.

We Would like to Know Your Thoughts

Since there are a few different ways to implement this recommendation, we want to know which design you think best meets the needs of the Village. This includes people who currently walk and bicycle in the area, and those who might consider doing so after this project is constructed. Also, which design best works with those who live, work, or drive in the area?

Some things to consider: There are three options shown on the following exhibits for consideration: (1) Conventional Bike Lanes, (2) Protected Bike Lanes, and (3) Replacing one of the sidewalks along Walters Avenue with a sidepath. Each of these has benefits and drawbacks, which are described on each exhibit. Please review each of them, and let us know your thoughts.

What Happens Next?

The Village will review feedback collected in today's event to determine which option best reflects the needs and interest of the Village. The Village will then work to prepare a project development report and engineering plans for the preferred design, which is planned for construction in 2027.

Additional project meetings will be held as the project development report is prepared in 2024 to 2025.

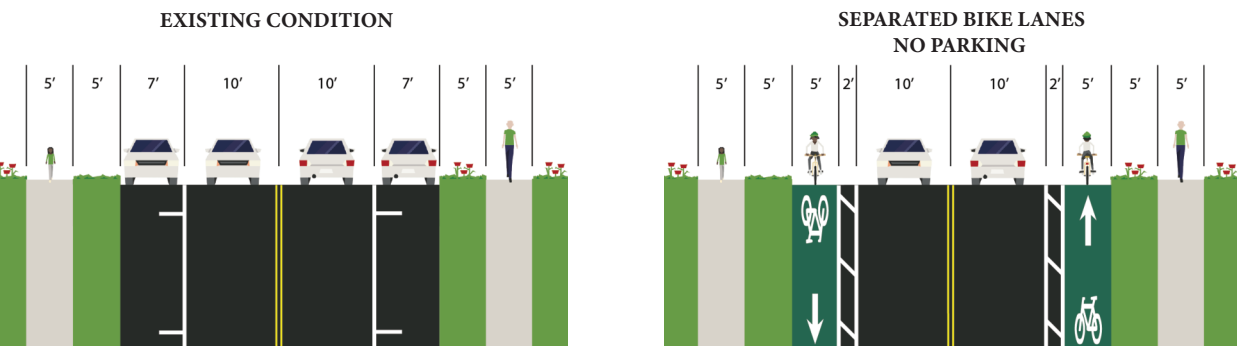
Existing Conditions- Pfingsten Road to Western Avenue



Existing Conditions- Western Avenue to Shermer Road



Village of Northbrook Walters Avenue Improvement Project



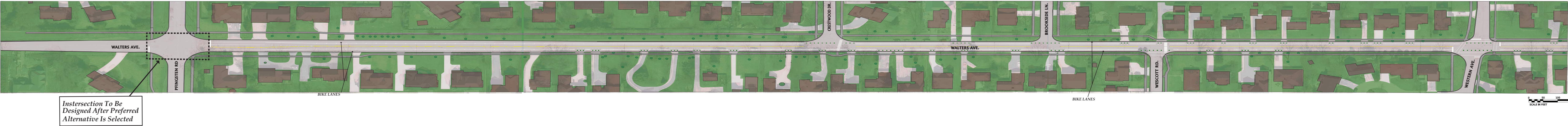
Option 1: Separated Bike Lanes (with partial protection) Parking Removed From Walters Avenue

- This option shows how Walters Avenue would be reconfigured to allow one automobile travel lane and one buffered or protected bike lane in each direction.
- To fit these within the available roadway width, on-street parking would be removed from both sides of the street.
- Using aerial images, utilization of on-street parking was found to be less than 10% during most periods.
- Trees that would need to be removed are identified on the exhibit below.
- New trees would be planted in accordance with the Village's tree replacement policy.

LEGEND

- Existing Trees
- Trees to be Removed

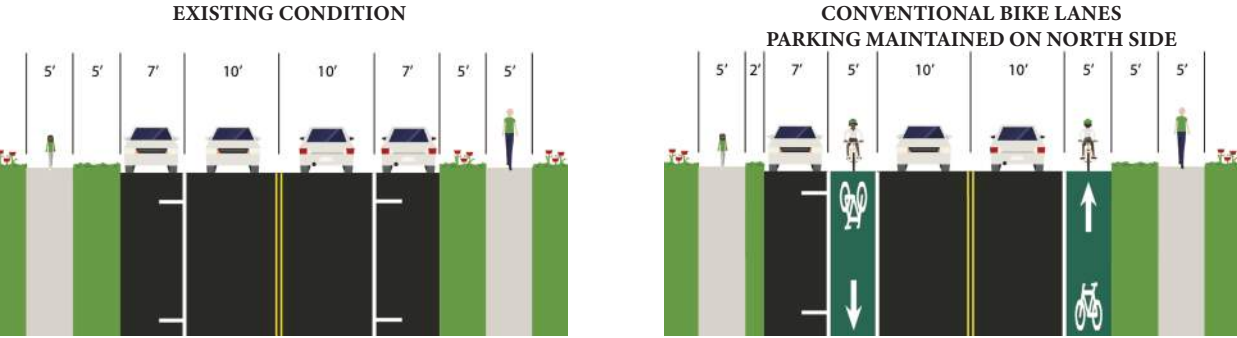
Protective - Pfingsten Road to Western Avenue



Protective- Western Avenue to Shermer Road



Village of Northbrook Walters Avenue Improvement Project



Option 2: Conventional Bike Lanes, Parking Maintained on North Side of Walters Avenue

- This option shows how Walters Avenue would be reconfigured to allow one automobile travel lane and one bike lane in each direction.
- To fit these within the available roadway width, one lane of on-street parking would be removed.
- Using aerial images, utilization of on-street parking was found to be less than 10% during most periods.
- Since all utility poles, power lines, and hydrants are located on the south side of Walters, minor adjustments would be made to the north curb
- Trees that would need to be removed are identified on the exhibit below.
- New trees would be planted in accordance with the Village's tree replacement policy.

LEGEND

Existing Trees

Trees to be Removed

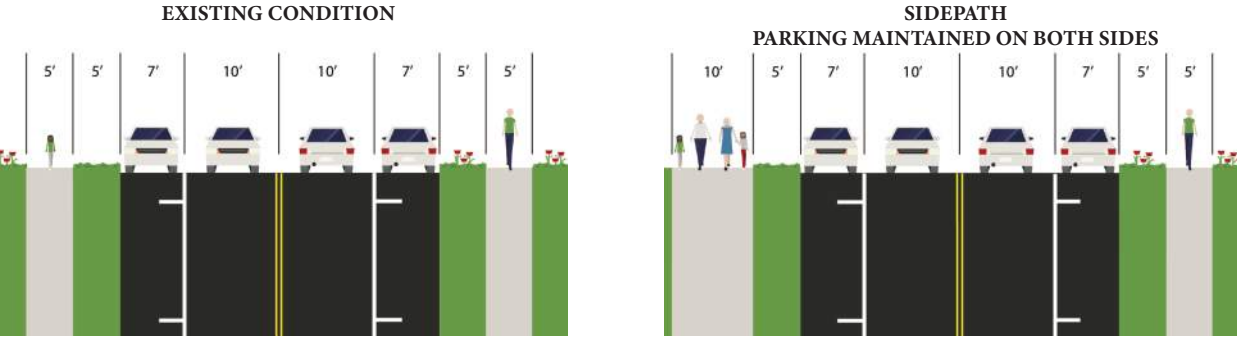
Conventional - Pfingsten Road to Western Avenue



Conventional - Western Avenue to Shermer Road



Village of Northbrook Walters Avenue Improvement Project



Option 3: Sidepath (Widen North Sidewalk to 10')

- This option shows how Walters Avenue would not change, but the sidewalk on the north side of the street would be widened to 10'
- A sidepath is a wide sidewalk that makes it easier for people walking and bicycling to share a wider space away from automobiles.
- Since sidepaths are wider than typical sidewalks, the exhibit below identifies trees that would be removed.
- New trees would be planted in accordance with the Village's tree replacement policy.

LEGEND

- Existing Trees
- Trees to be Removed

Side Path- Pfingsten Road to Western Avenue



Side Path- Western Avenue to Shermer Road

