

Registration

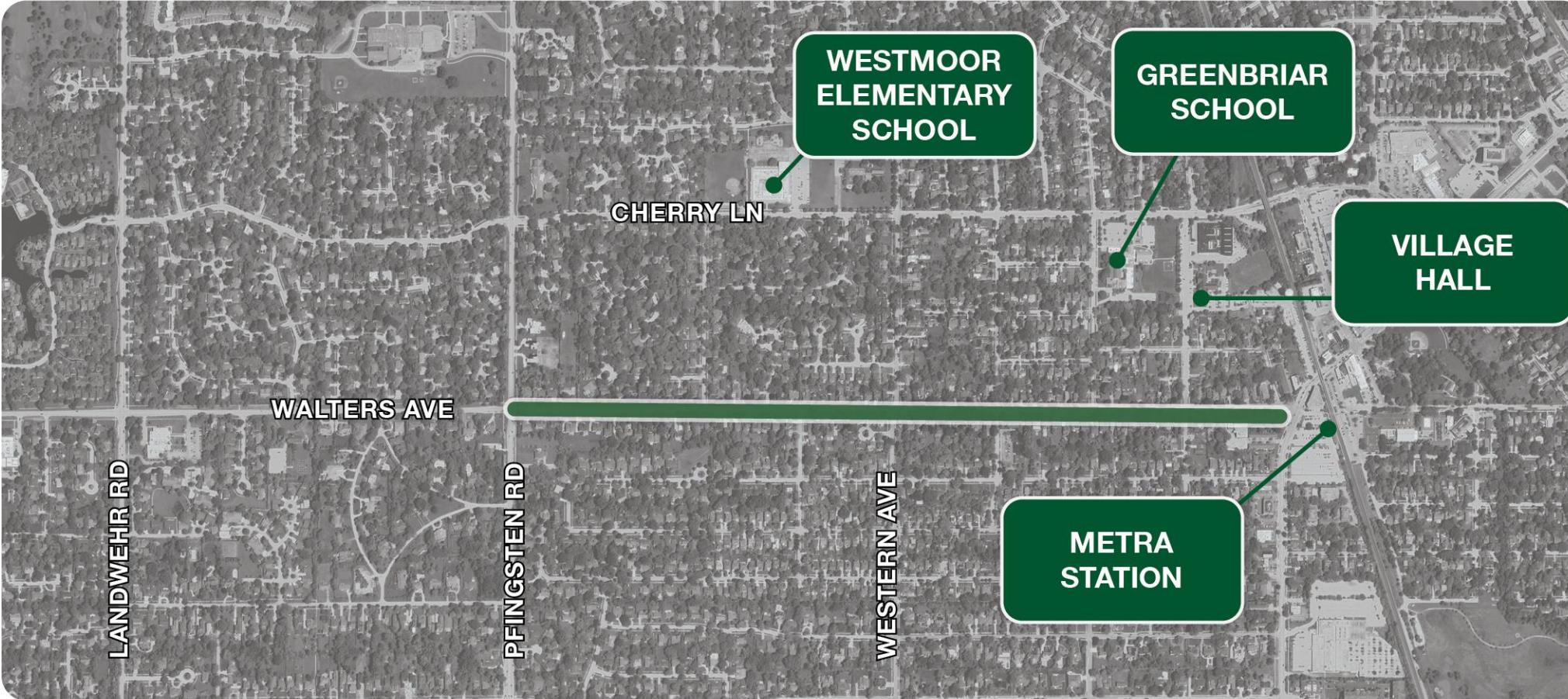


Welcome

Public Meeting #1

Walters Avenue Corridor Phase I Study
March 2025

Location Map



Project Goals



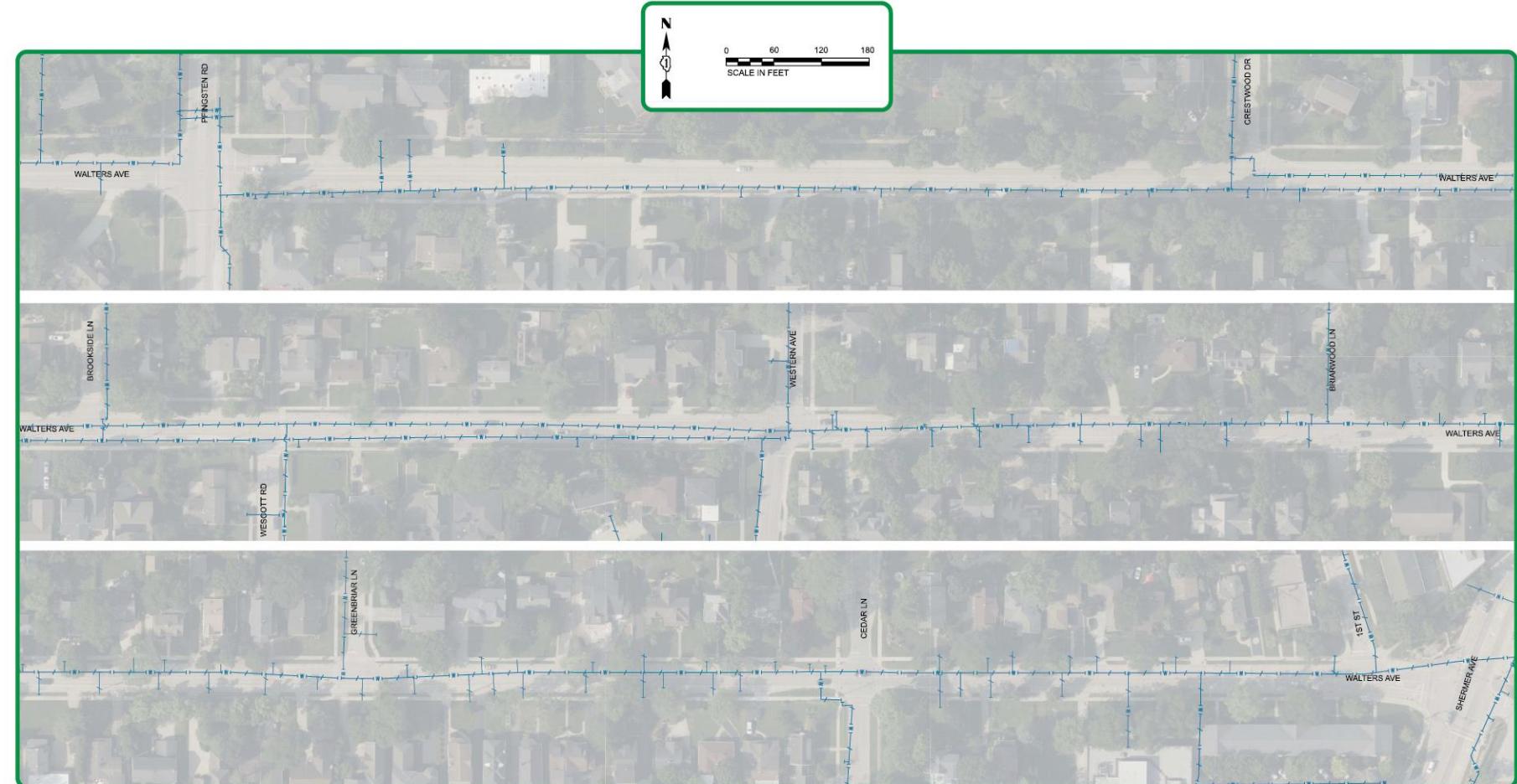
Replace 100+ year old water main

Resurface Walters Avenue

Evaluate bicycle improvements in conjunction with
Master Bicycle and Pedestrian Plan

Watermain Construction

- Replacement of all linear watermain along Walters Avenue



Why Resurfacing?



- Walters Avenue is in poor condition and warrants resurfacing
- Village secured \$927,022 in grant funding through the Surface Transportation Program (STP)

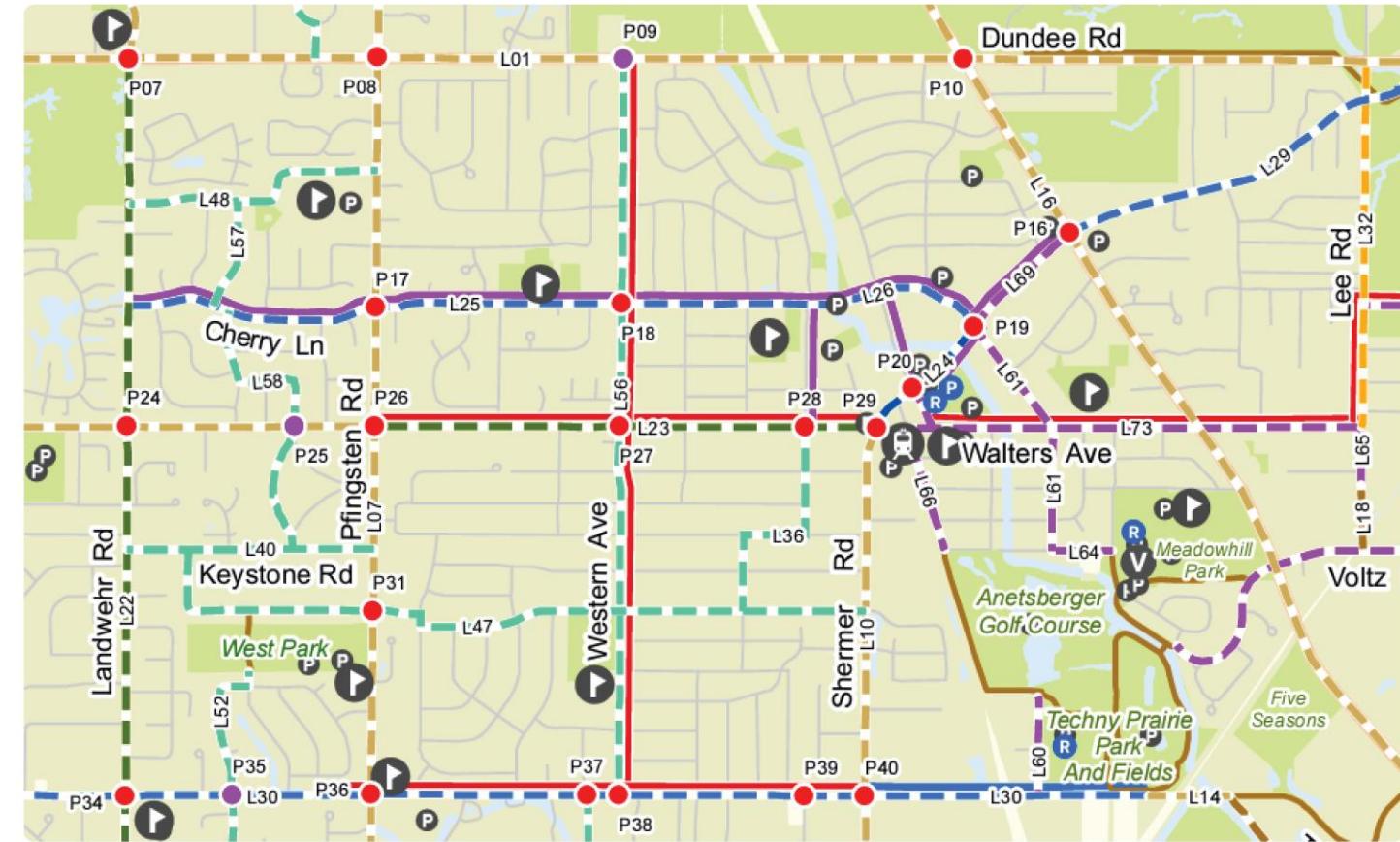
Why Consider Bike Improvements?



- Village's Master Bicycle and Pedestrian Plan was adopted in 2018
- Recommendation was to provide bike facilities on Walters Avenue to provide east-west connectivity

Recommended Facilities

■ Shared Use Path	■ Paved Shoulders
■ Sidepath	■ Bicycle Boulevard
■ Separated Bike Lanes	■ Signed and Marked Roadway
■ Buffered Bike Lanes	■ Sidewalk
■ Conventional Bike Lanes	



Project Development Process



2024-2025

2025-2026

2027

PHASE I

Preliminary Engineering
& Environmental Studies

12-18 months



PHASE II

Contract Plan Preparation

12-18 months

PHASE III

Project Construction

9 months

We are here

Phase I Schedule



Phase I Study: What Is Analyzed?



 Traffic volumes and patterns

 Safety and crash data

 Existing pavement conditions

 Impacts to existing trees

 Integration with Village's bike and pedestrian plan

 Utility impacts

 Stakeholder and public input

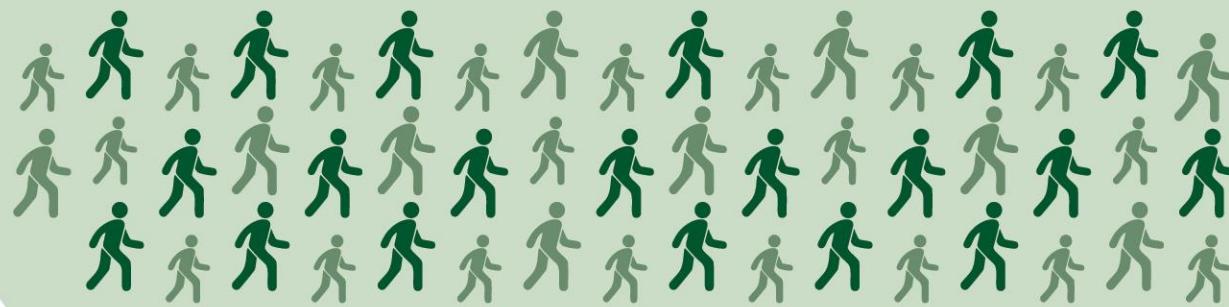
 Cost

Traffic Data

Traffic count data collected at four intersections



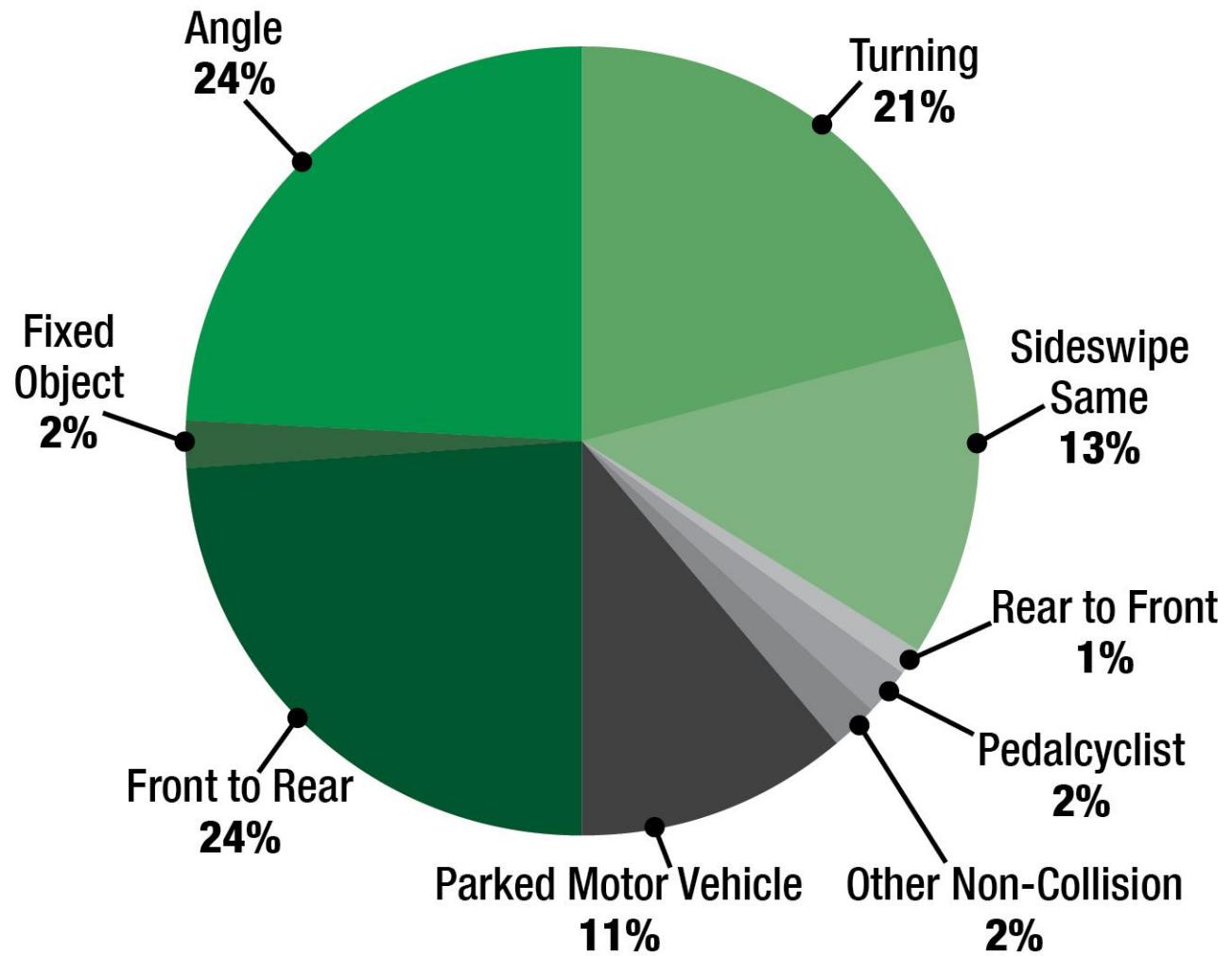
1-6 bicycles per hour
along corridor during
peak periods



20-50 pedestrians per
hour at intersections with
Western, Cedar, and Shermer
during peak periods

Crash Data

- 62 crashes along Walters from 2019-2023
- Predominant types are Angle, Turning, and Rear End
- One crash involving a bicyclist
- No fatalities during the study period
- Majority of crashes (90%) occurred at intersections



Parking Data





Typical Section Alternatives

Alternative 1

Existing Typical Section



Alternative 2

Bike Lanes + North Side Parking Only



LOOKING EAST

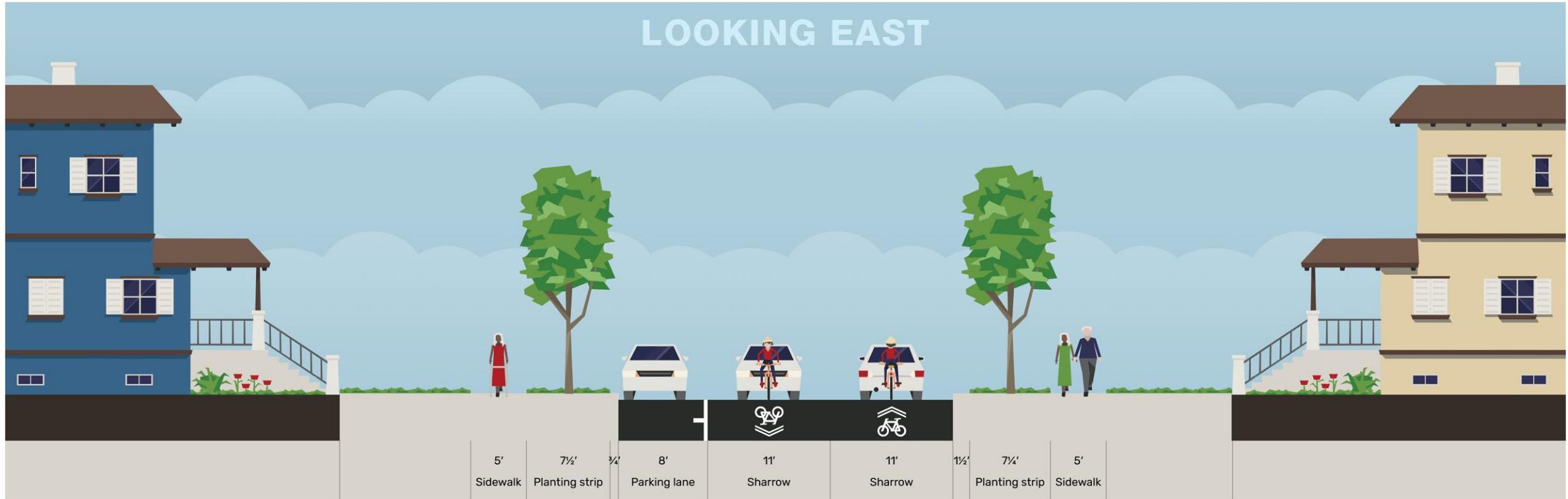


Key Considerations

- Provides dedicated bike accommodations
- Widening of roadway by 2 feet
- Removal of approximately 30 trees
- Removal of parking on south side

Alternative 3

Sharrows + North Side Parking Only

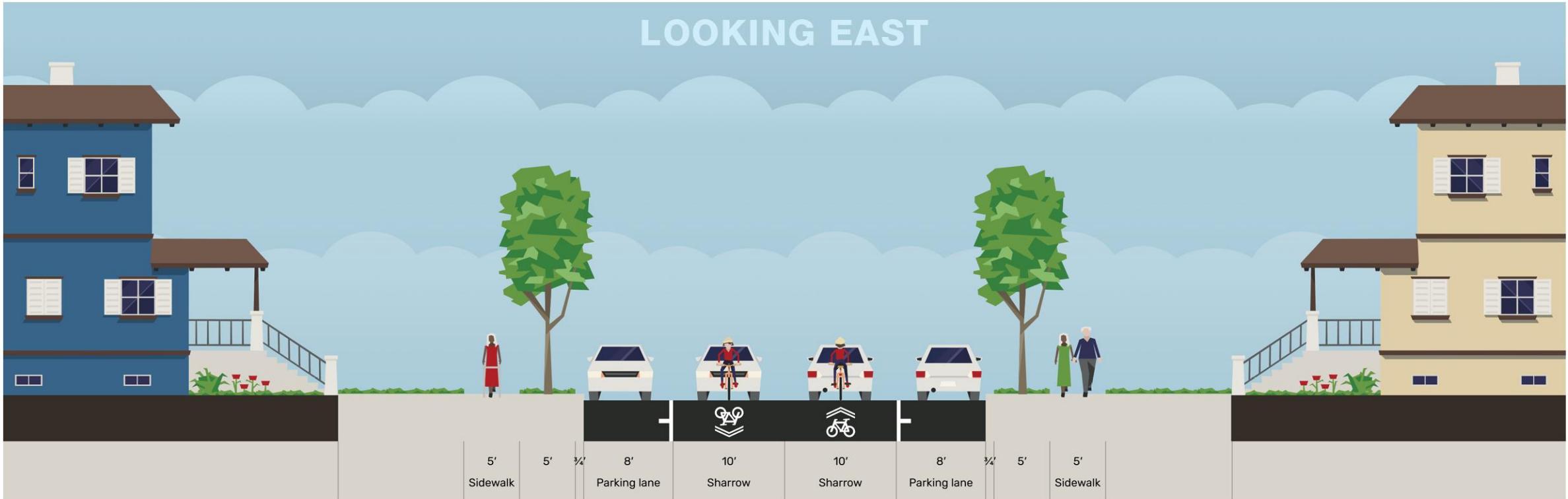


Key Considerations

- Narrowing of roadway by ~6 feet
- Provides additional parkway area
- Removal of parking on south side
- No dedicated bike accommodations

Alternative 4

Sharrows on Existing Configuration



Key Considerations

- No changes to roadway width
- No impacts to trees
- No impacts to parking
- No dedicated bike accommodations
- Resurfacing only

Comments and Survey



Comments Due by
March 19th

<https://www.northbrook.il.us/1140>





Thank You
