



Terrace Avenue and 16th Street Improvement Alternatives

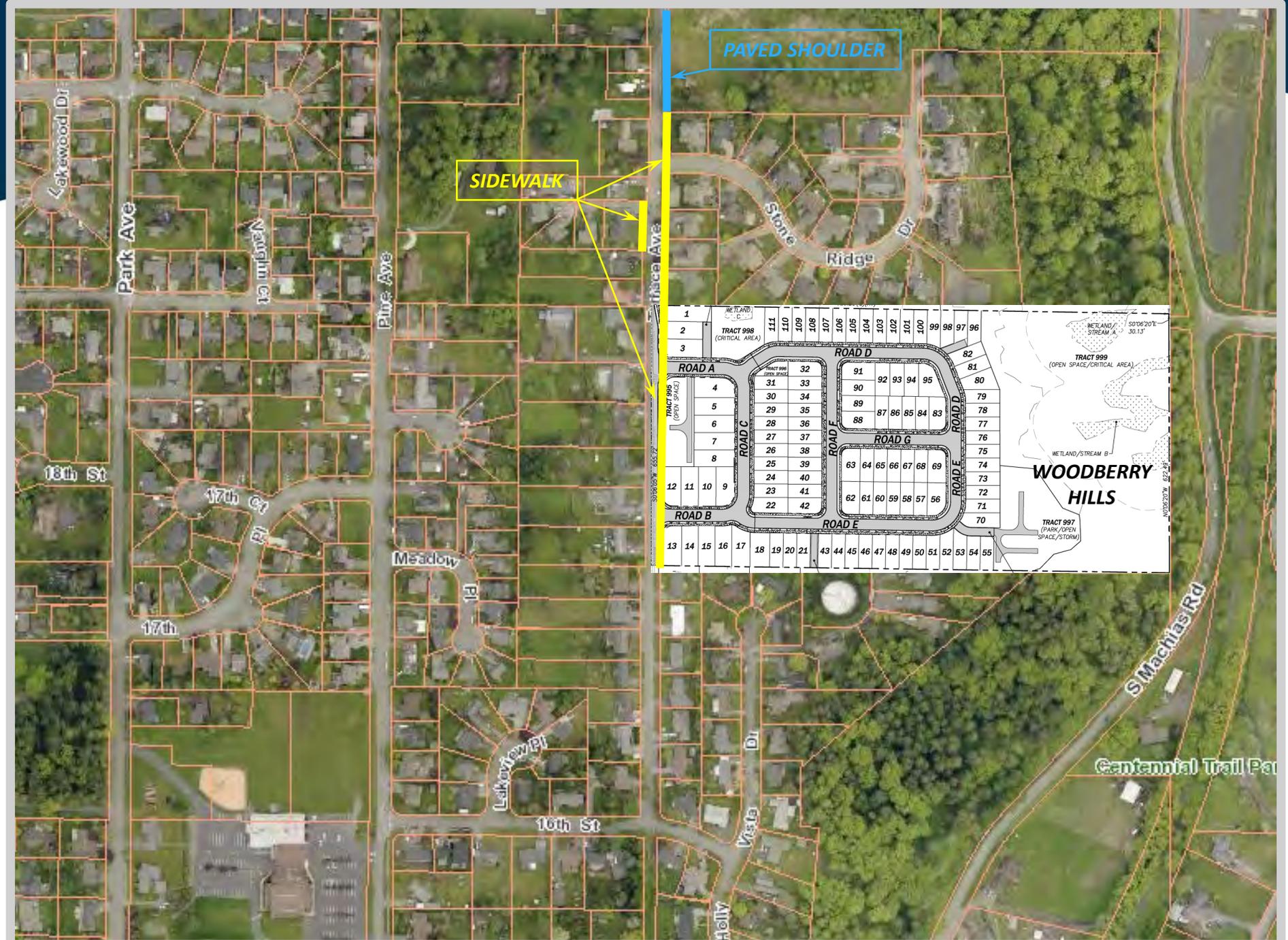


September 19, 2023



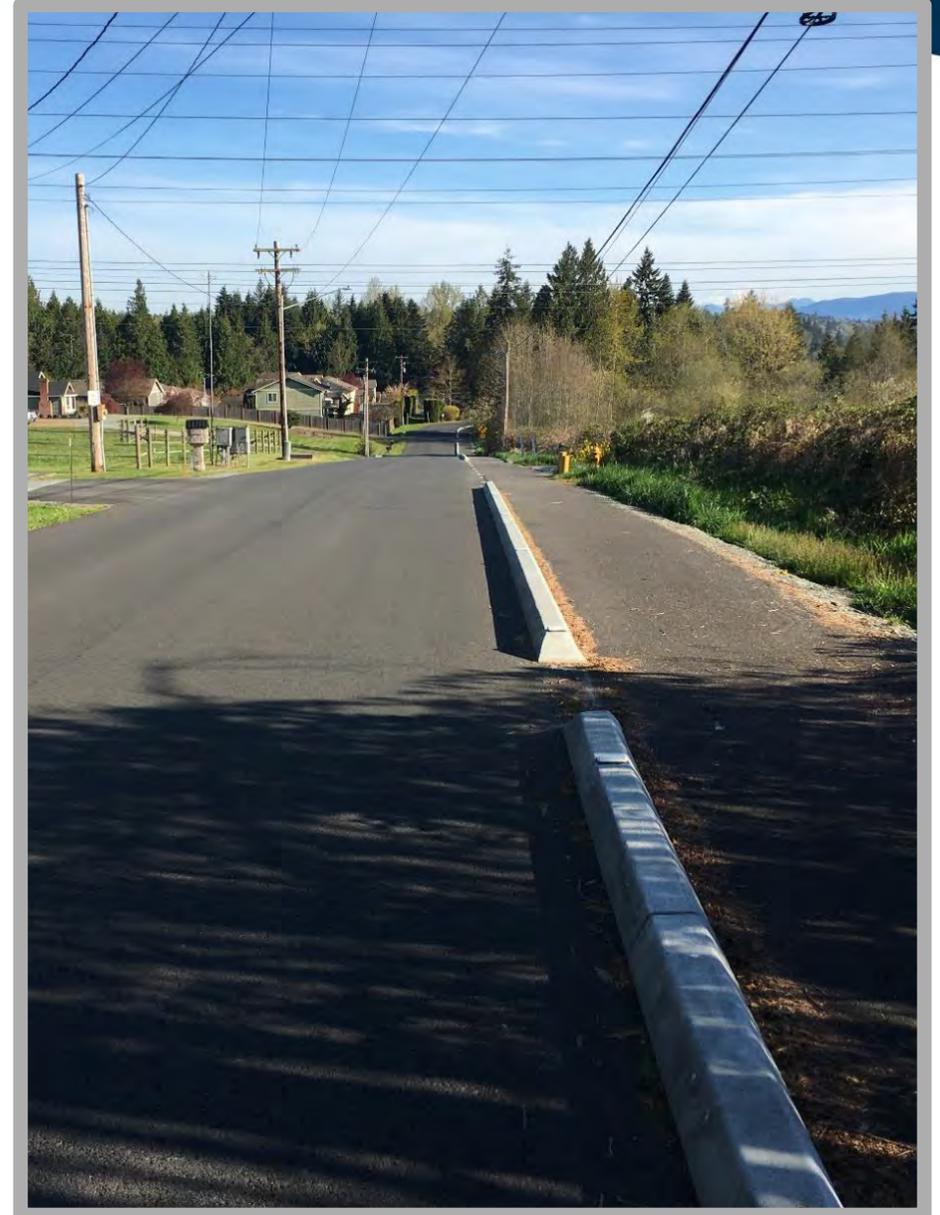
Terrace Avenue Improvements

Terrace Avenue and 16th Street Improvement Alternatives





Terrace Avenue
North of
Stone Ridge
Drive



Terrace Avenue
and 16th Street
Improvement
Alternatives



Terrace Avenue at Stone Ridge Drive

Terrace Avenue
and 16th Street
Improvement
Alternatives





Terrace Avenue
South of
Stone Ridge
Drive

Terrace Avenue
and 16th Street
Improvement
Alternatives





Terrace Avenue at 16th Street

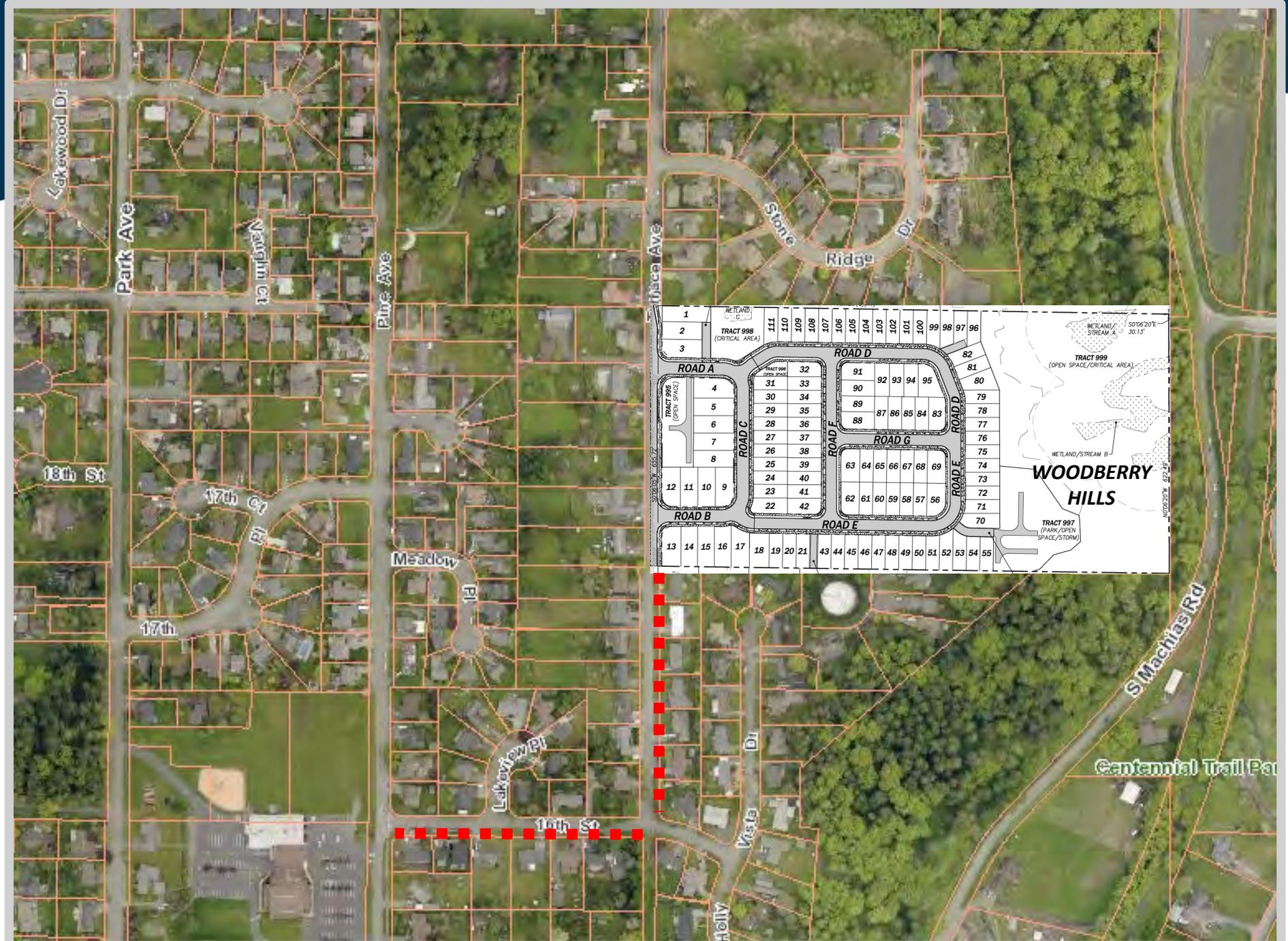


Terrace Avenue and 16th Street Improvement Alternatives



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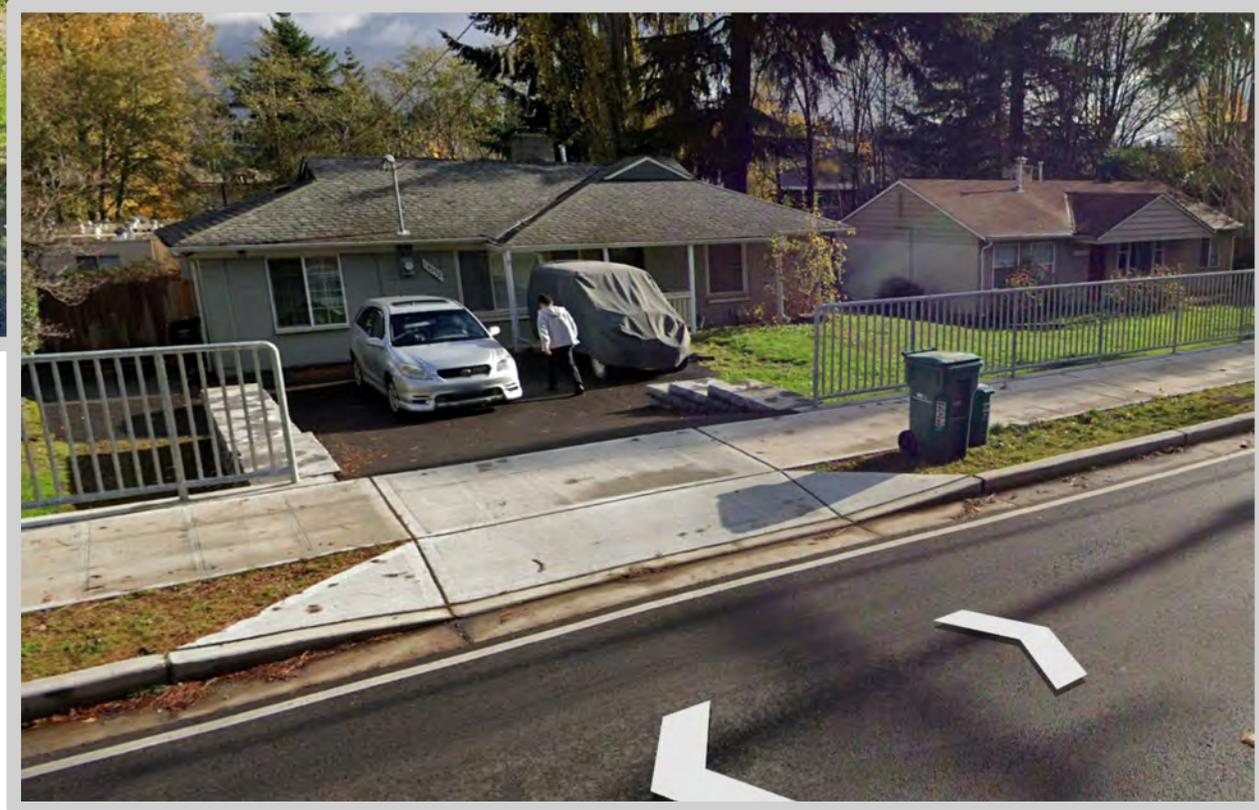
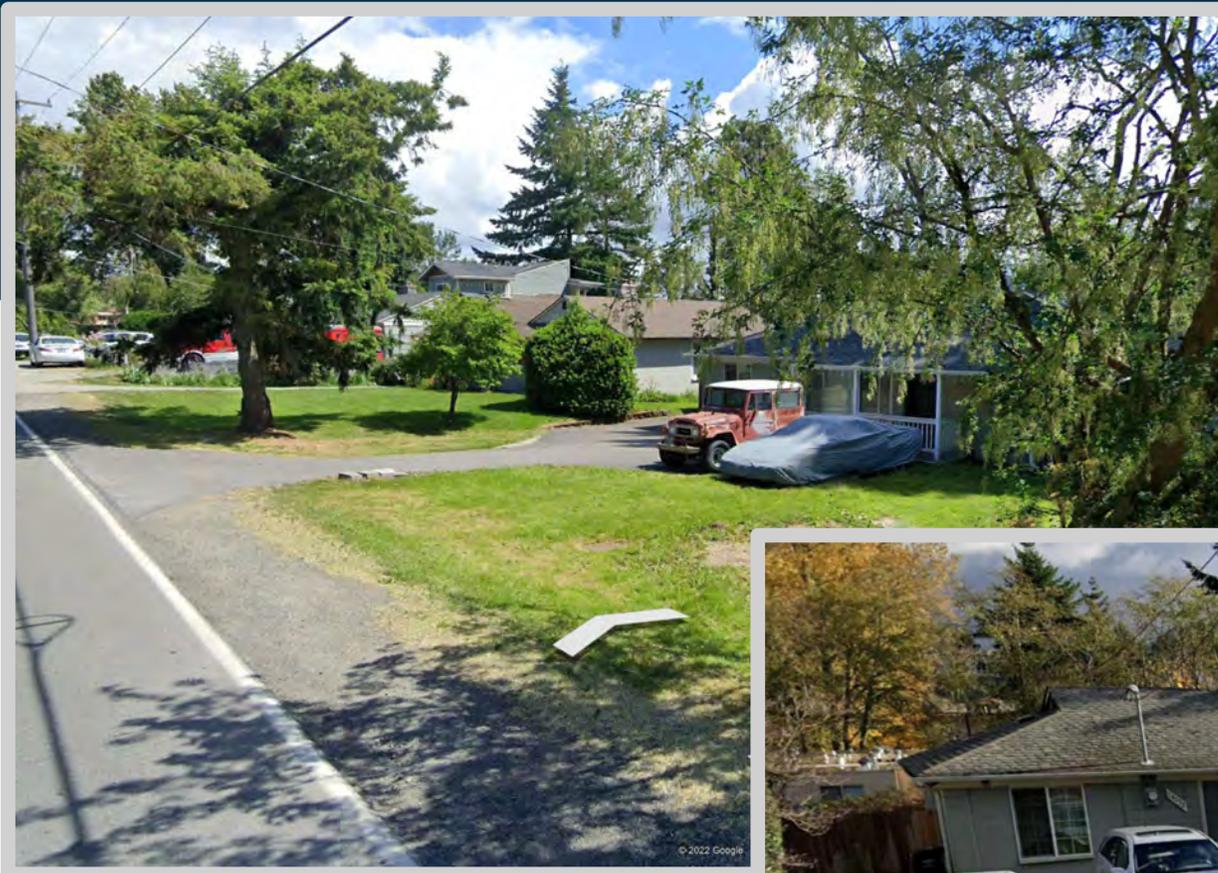
City of Seattle 30th Avenue NE Improvements

Terrace Avenue
and 16th Street
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City of Seattle 30th Avenue NE Improvements



Terrace Avenue and 16th Street Improvement Alternatives



City of Hanover, New Hampshire

Valley Road Advisory Shoulder

Advisory Bike Lanes in North America
Alta Planning + Design, 2017

Terrace Avenue and 16th Street Improvement Alternatives

HANOVER, NH Valley Road

POPULATION: 11,000

Context

Hanover, NH is home to Dartmouth College and a large medical center. Valley Road connects two busier streets and runs through a residential neighborhood of single family homes on large lots. Valley Road is an unmarked, 20-foot wide paved road. No curbs, gutters, or sidewalks exist. No on-street parking is allowed. Users of this road are primarily local and familiar with the area.

Problem Solved

The Town of Hanover was seeking a way to support cycling on Valley Road while implementing some traffic calming. They wanted to test this treatment on a quiet street before installing it on a busier road nearby. Installation of sidewalks and road widening were not considered feasible.

Public Outreach and Response

The Town held two public hearings before installation. Supportive neighbors held discussion parties with the neighborhood. The bicycle and pedestrian committee took a lead role performing public outreach and education tasks. The town continued a dialogue with the community after installation.

Pedestrians and bicyclists called it the "best thing the city could ever do". Initial opposition focused on perceived safety hazards. Safety concerns have not materialized as of summer 2017.

Outcomes

The town feels that the facility is working as an evaluation study concluded the facility was safe. Twelve-hour counts conducted before and after installation found the Advisory Bike Lane increased



FOR MORE INFORMATION: WWW.HANOVERNH.ORG/BIKE-PEDESTRIAN-COMMITTEE

bicycle and pedestrian usage and decreased vehicle use. The police reported fewer problems with speeding vehicles after installation.

Hanover is considering installing Advisory Bike Lanes in other locations.

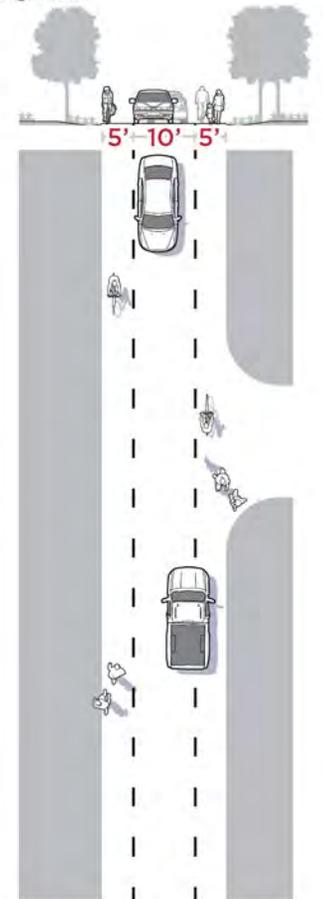
Key Takeaways

- 1 Experience with the facility changed the minds of initially doubtful staff, including City Police.
- 2 Prior public outreach contributed to the successful operation of the facility.
- 3 The bike lanes are commonly used by pedestrians due to lack of sidewalks, and appears to operate well in this fashion.
- 4 Police reported fewer problems with speeding vehicles after installation.

Hanover, NH - Valley Road

DIMENSIONS

Length: 1255 ft

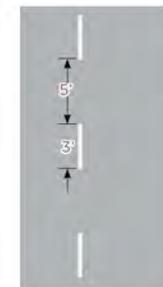


SPEED AND VOLUME

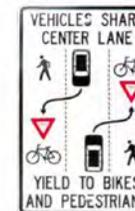
Speed: 25 MPH

Motor Vehicle Volume:
470 ADT

MARKINGS



SIGNS



Custom Sign





City of Hanover,
New Hampshire

Valley Road
Advisory Shoulder

Advisory Bike Lanes in North America
Alta Planning + Design, 2017



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Terrace Avenue

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Terrace Avenue with Advisory Shoulder

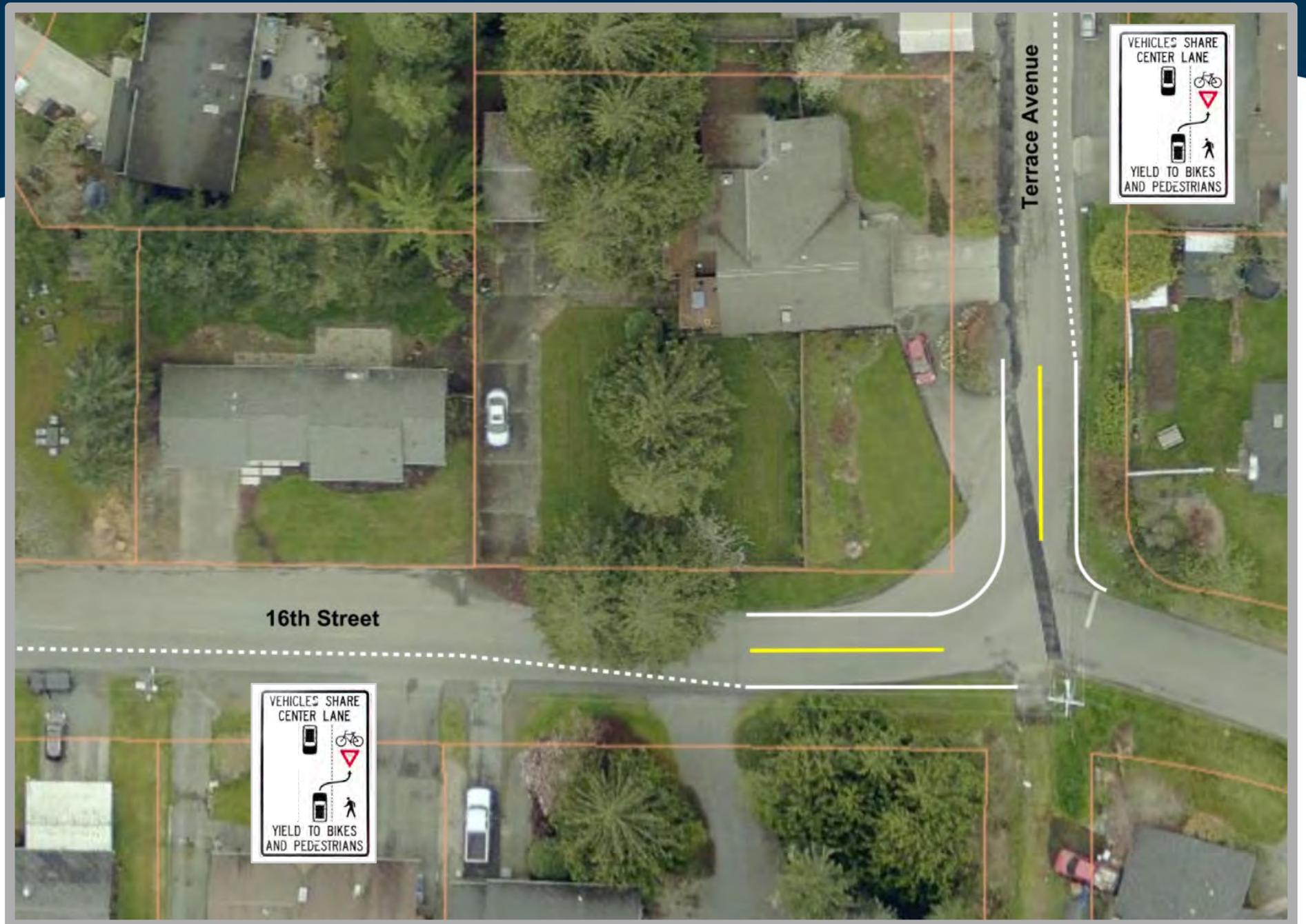
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Terrace Avenue and 16th Street with Advisory Shoulder

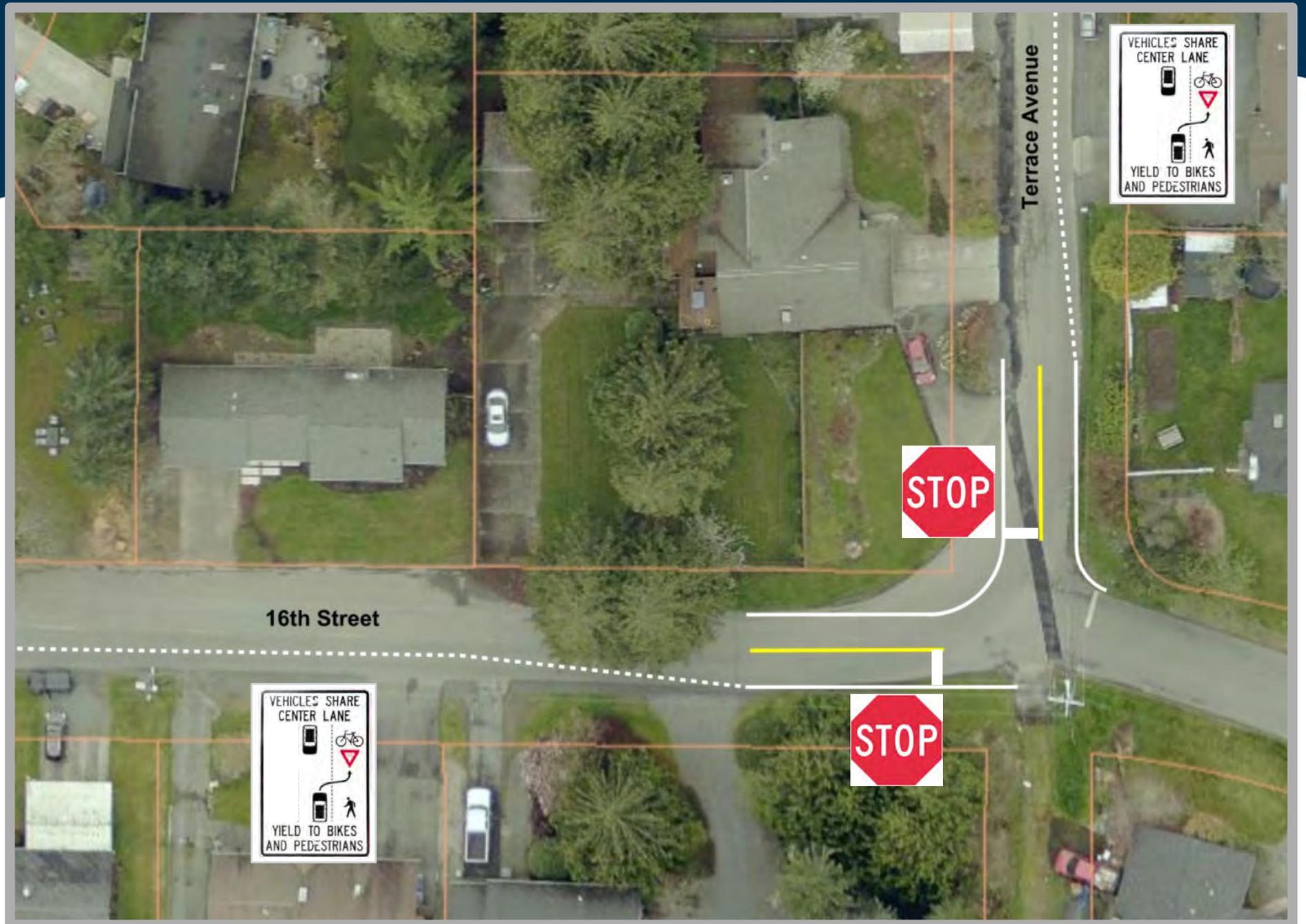
Terrace Avenue and 16th Street Improvement Alternatives





Terrace Avenue and 16th Street with Advisory Shoulder and Stop Signs

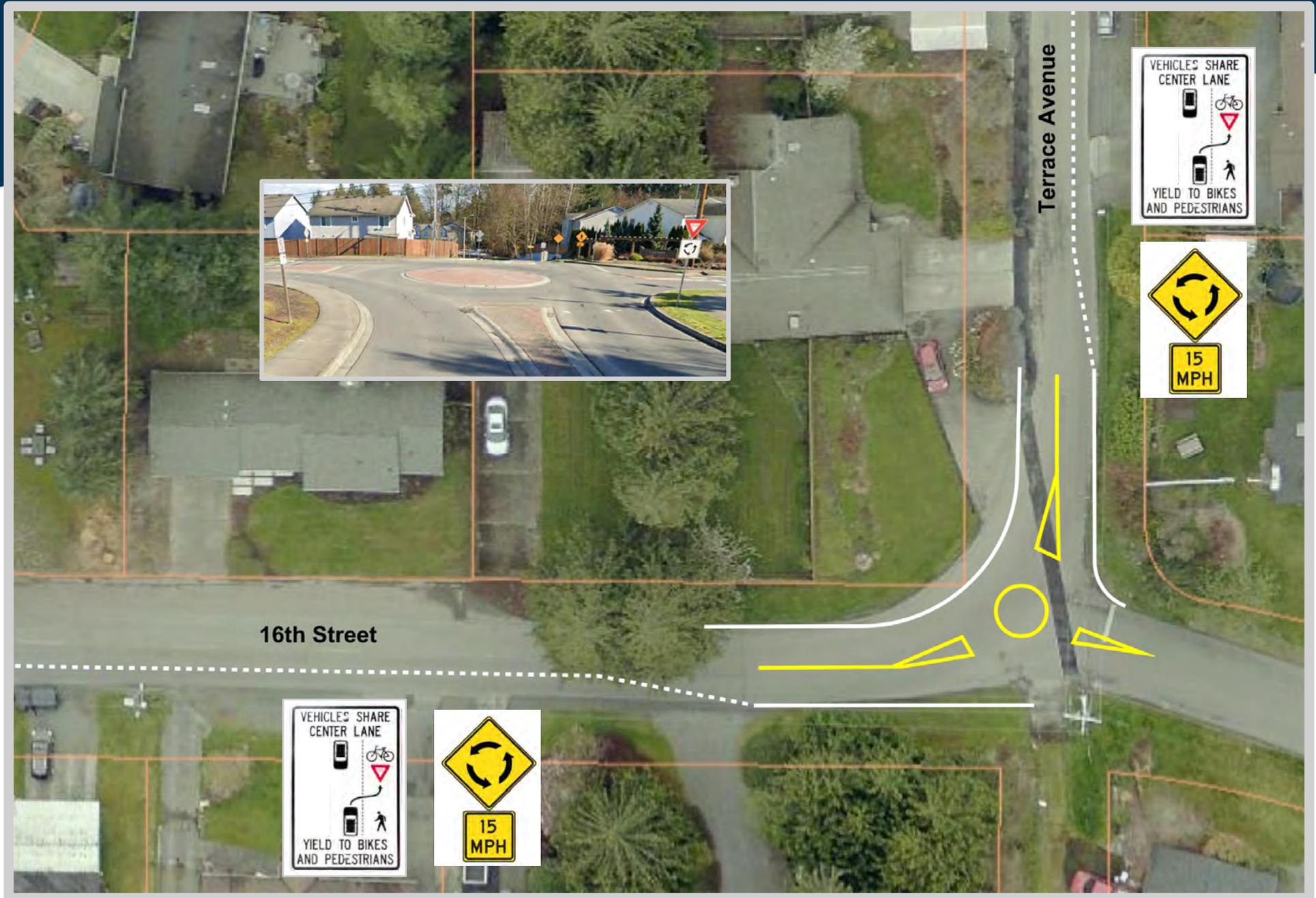
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Terrace Avenue and 16th Street with Advisory Shoulder and Mini-Roundabout

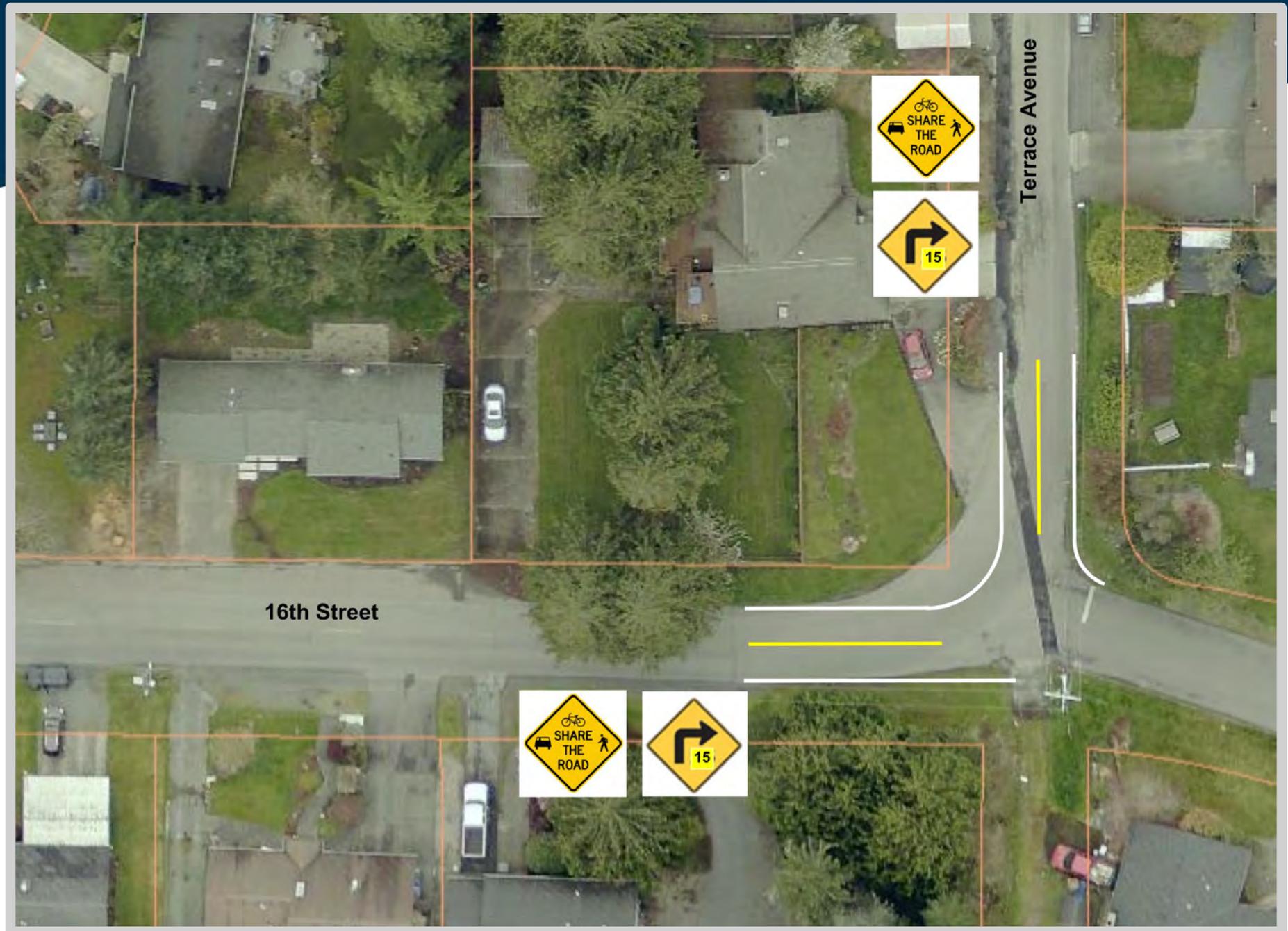
Terrace Avenue and 16th Street Improvement Alternatives





Terrace Avenue and 16th Street with Striping and Signs

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Terrace Avenue and 16th Street Shoulder Improvements

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22nd Street Connector Road Project

Terrace Avenue
and 16th Street
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