

Turk Road Trail Feasibility Study

Doylestown Community Bike and Hike System
October 2nd, 2019

Meeting Agenda

7:00pm – 7:30pm: Open House

7:30pm – 8:00pm: Presentation / Study Results

8:00pm – 9:00pm: Individual Q&A / Open House



Presentation

1. Introduction

2. Scope of Study

3. Public Meeting
#1 Recap

4. Study Results

5. Next Steps /
Timeline



Doylestown has a network of 25 miles of completed trails and sidepaths for use by bicyclists and pedestrians. The Doylestown Community Bike and Hike System will continue the effort to develop the proposed additional trails as grants and donations permit.

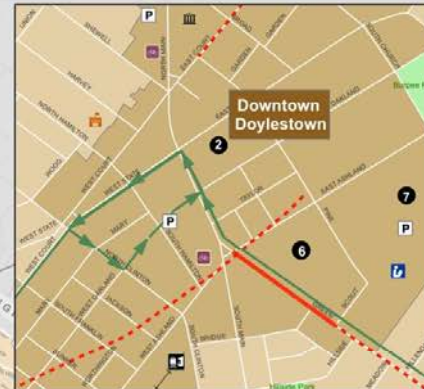
Existing trails are presented as solid red lines, proposed trails as dashed red lines.

Map updated June, 2018

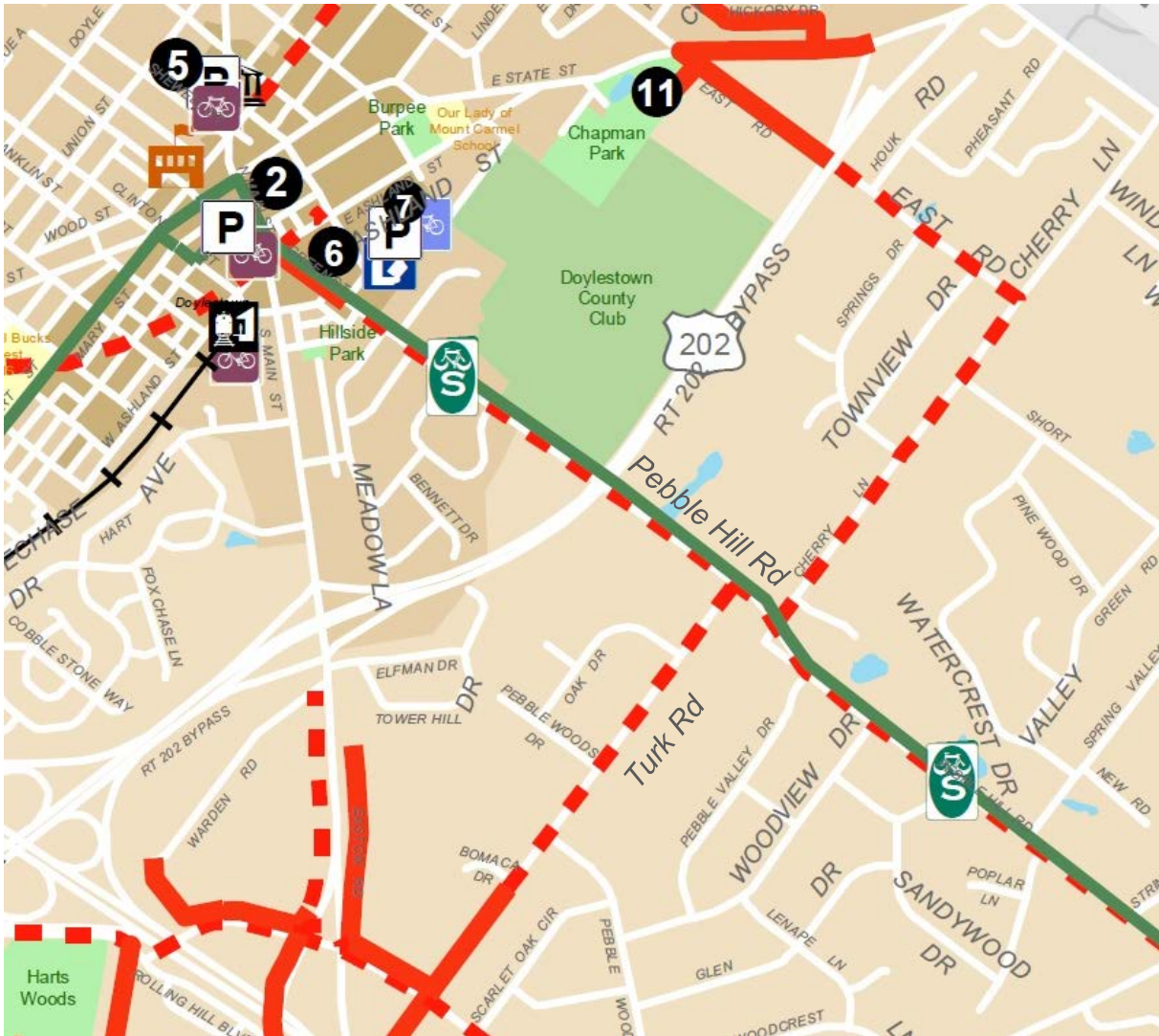
— Existing Trail
- - - Proposed Trail

LEGEND

- R5 Stations
- R5
- Bicycle Parking - Existing
- Bicycle Parking - Proposed
- Bike Shop
- County Courthouse
- Doylestown Hospital
- Library
- Municipal Building/Police Station
- PA State Bicycle Route
- Post Office
- Shopping Center
- Vehicle Parking
- Proposed Route 202 Bypass
- State Highways
- Roads
- Water
- Schools
- Parks
- Historic district



- Est. 1992
- 30 miles of trails
- Improve safety, connectivity, health and quality of life



1. Introduction

"One day, a year-and-a-half ago, my son Kase, said to me, "Dad can we bike to town? " I thought about it and told him, no, that there was no safe way to get there. Very kid like, Kase responded, "Well why don't we just build a path to town dad?" I thought, good point, why don't we? And that was it, our journey began, and now it's becoming reality!"



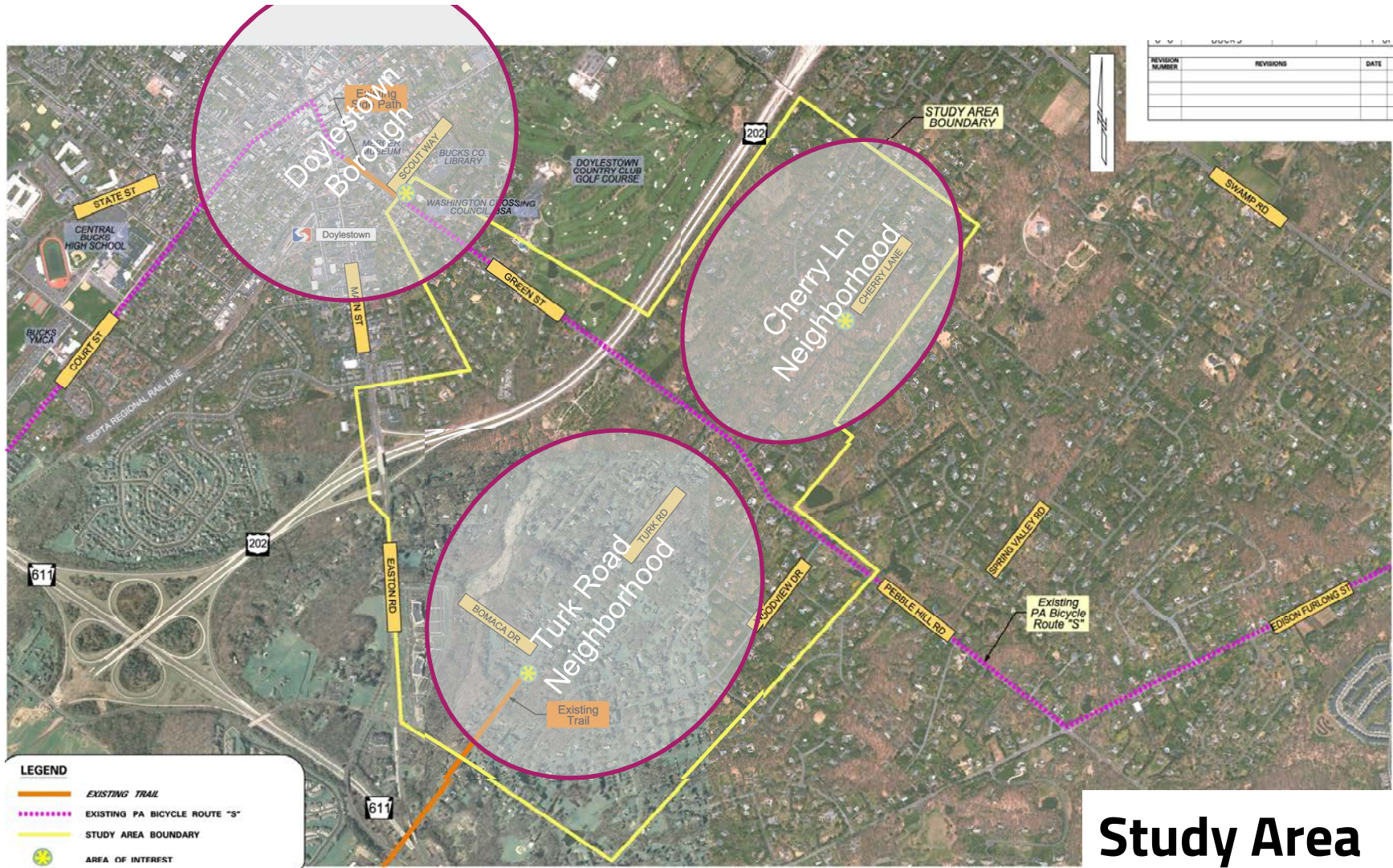


Big Picture Goal:

To connect Doylestown neighborhoods to the major natural, cultural and commercial resources in the area through a safe walking and/or bicycling network.

2. Scope of the Study

- Developed a steering committee
- Analyzed existing conditions
- Completed planning and alternatives analysis
- Prepared concept plans
- Prepare cost estimates and implementation plan
- Public outreach throughout the study process
- Final Study Report



Study Area

Brainstorming

- Broke into groups and generated ideas

Houses close to Pebble Hill / Green St
Safety crossing Pebble Hill

Library + Museums Destinations

Pebble Hill ^{near} from Cherry to 202: SAFETY ISSUE

STOP SIGNS / STOP LIGHTS ON GREEN
 Speed Bumps? Calming Lanes? Pebble Hill?

Must Separate Lanes (Not "S" Route)

Asphalt: not concrete
 Rural Look

Safety: Walkers + Bikers cross Driveways - Line of sight.

Ponds/Lowlands EPA/U.S. Wetlands
 Some Walk to Town - there not
 Path under 202? from Turk area

- Shared road better for bikes
- Bike/walk path on Cherry
- Support except when it comp to taking parents + building sidewalks
- Cyclists should follow traffic rules
- Pebble Hill between Turk + bypass - problems
- Pebble Hill/Green Most Direct
- Woodview - an alternative ^{Wendy M.}
- Shovelling sidewalks

^{Katie} Use - bike 111 (would if safe)
 walk 4441
 run 1

Concerns Kids
 safety - speed limit, blind spots
 traffic light, stop signs, speed bumps
 speed control

Trail - 7 people use existing

Cherry walking path

Turk - Pwoods - Woodview - wide street

along Nesbannay - tunnel under 202?

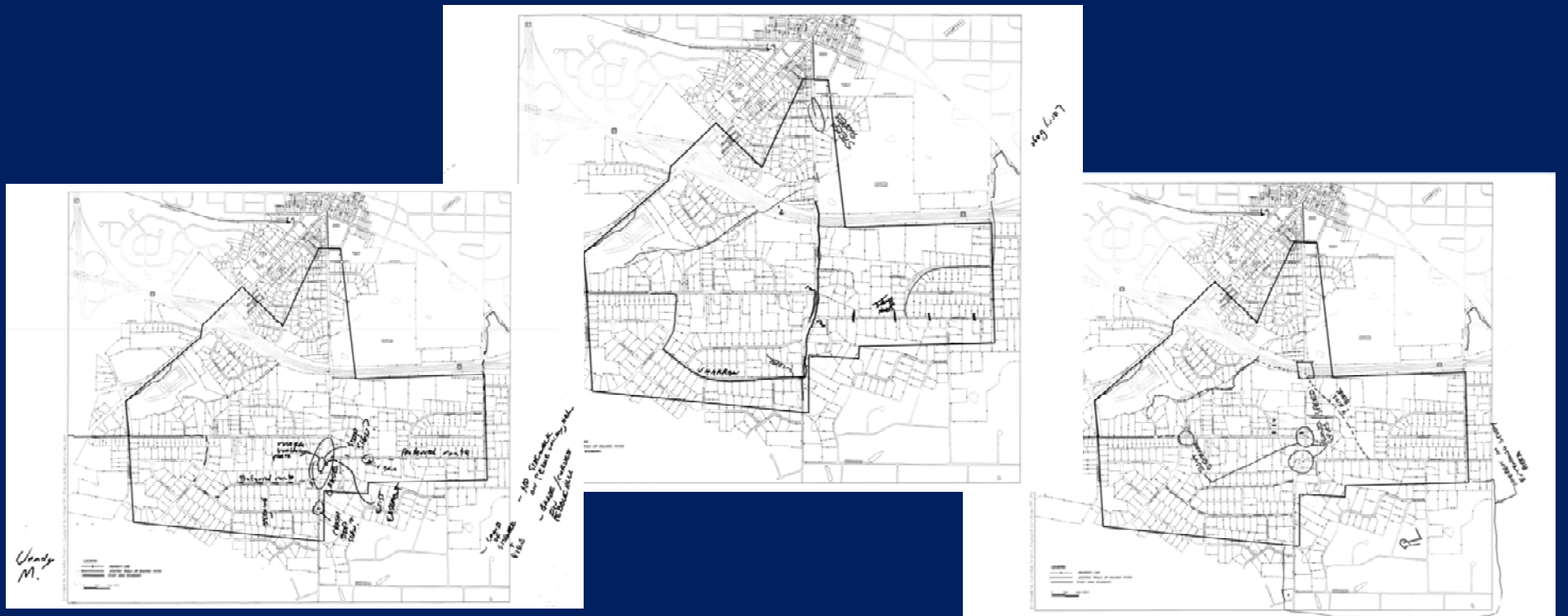
Snow clearance
 liability
 maintenance

Problem spots
 blind spots
 traffic
 Turk + Pitt + cherry
 speed

Kids take easiest/direct path

Brainstorming

- Transferred ideas onto a base map of the study area



Brainstorming

- Collected Comment Forms

Turk / Cherry Area Trail Feasibility Study
Public Meeting
Doylestown Library
July 24, 2018

COMMENT FORM

Dear Community Member:

Thank you for attending tonight's meeting on the Turk / Cherry Area Trail Feasibility Study. We are interested in your comments on the information presented tonight. Staff members are available to record your opinions, and you may also complete this comment form to provide feedback.

Comments: No Sidewalks
No - pavement no concrete
Shouldn't do Bike Paths on Pebble Hill Rd - not feasible
Use 4 way 3 way stops - Woodruss @ Peb Hill
@ Old Pebble Hill / Peb Hill + Cherry -
Help Slow Traffic - and Main Gate
div. Back to Pebble Hill - use that Side of Rd.
Name: Arthur Harrison to Pebble Hill
Address: No Pebble Hill Rd
Phone: 215 230 4461 via mail thru 5th Flg
Email: phone msg / best way to Reach me

Please return completed forms to the staff tonight, or mail/fax completed form to:

Stephanie J. Mason
Township Manager
Doylestown Township
425 Wells Road Doylestown, PA 18901
Phone: (215) 348-9915
Fax: (215) 348-8729
sjmason@doylestownpa.org

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Comments: Very informative. Being that I
reside on Turk Road I would be very
excited to see the trail which ends
without my house continued to
Pebble Hill and then into Doylestown
as it is now we have no access to
a safe trail or path into D. town
Name: Robert Thomson
Address: 2183 Turk Road
Phone: 267-467-3082
Email: rthomson@laprimecatering.com

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Comments: Lack of data presented on suggested
routes, obstacles, options, safety issues etc
I would like to see research data on road
usage, data on accidents/on which
points of which roads, what has worked
in other areas etc - Please see other side ->
Name: Scott Harris
Address: 191 East Rd
Phone: 267-992-8946
Email: Scott.Harris@sanofi.com

Please return completed forms to the staff tonight, or mail/fax completed form to:

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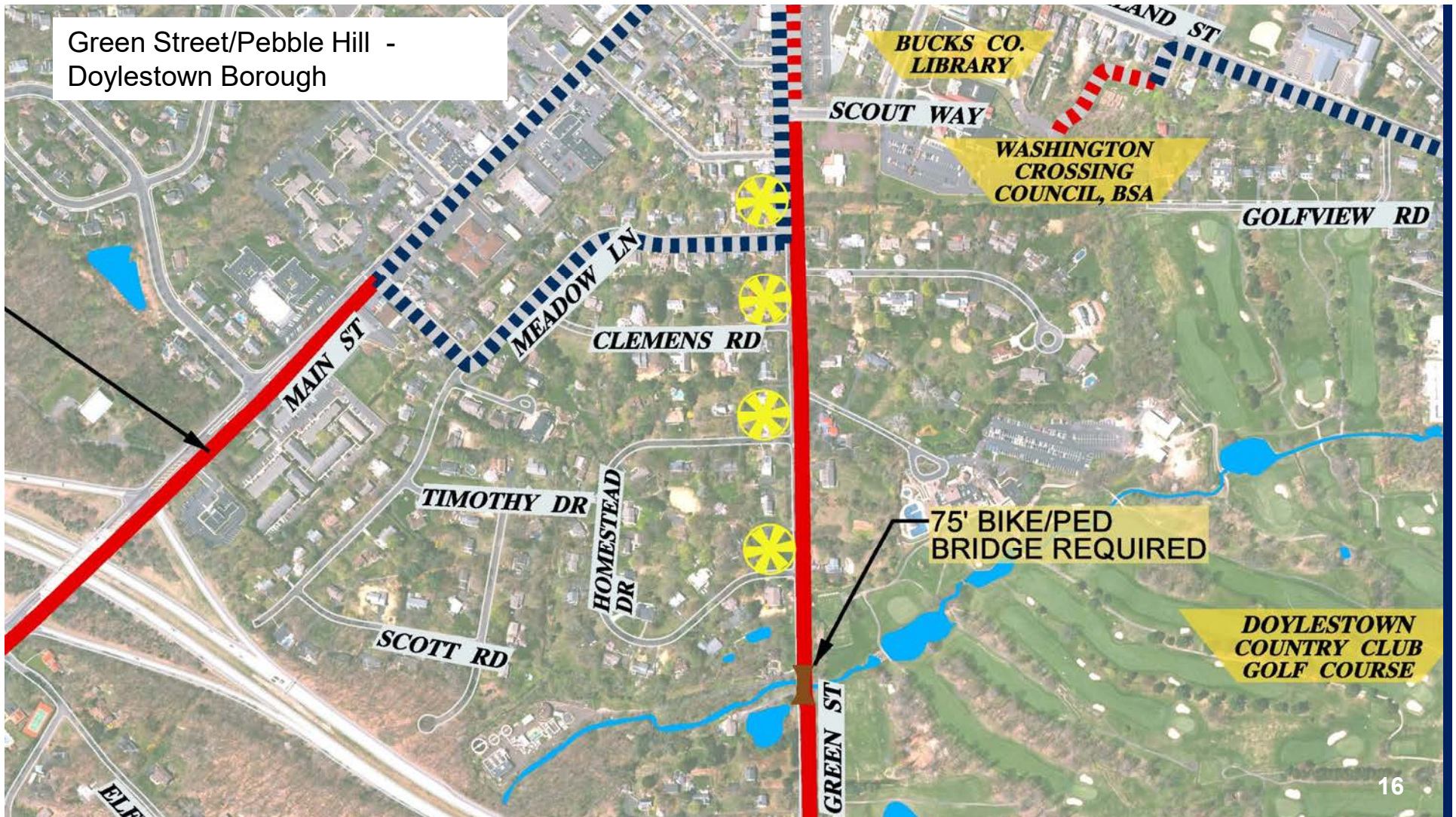
Feedback : Concerns

- All 7 groups were concerned about the safety at the intersections of: Pebble Hill Road x Cherry Lane and Pebble Hill Road x Turk Road.
- Concerns were mainly about sight distance and speed.
- 5 of the 7 groups were concerned about speed, drainage, hills, and hazardous conditions along Pebble Hill Road / Green
- 2 of the 7 groups were concerned about shoveling the new paths / sidewalks

Feedback : Support

- 5 of the 7 groups favored Woodview Drive as an alternative to Turk Road
- 4 of the 7 groups would like to utilize Buck Run (Neshaminy Creek Tributary) to connect to the borough
- 3 of the 7 groups think that Turk road, Cherry lane and Pebble Hill are the most direct routes and therefore should be explored as options
- 2 of the 7 groups want to see biking / walking paths along Cherry lane

Green Street/Pebble Hill -
Doylestown Borough



**BUCKS CO.
LIBRARY**

SCOUT WAY

**WASHINGTON
CROSSING
COUNCIL, BSA**

GOLFVIEW RD

MAIN ST

MEADOW LN

CLEMENS RD

TIMOTHY DR

**HOMESTEAD
DR**

SCOTT RD

**75' BIKE/PED
BRIDGE REQUIRED**

**DOYLESTOWN
COUNTRY CLUB
GOLF COURSE**

GREEN ST







Existing Green Street
(25 mph)



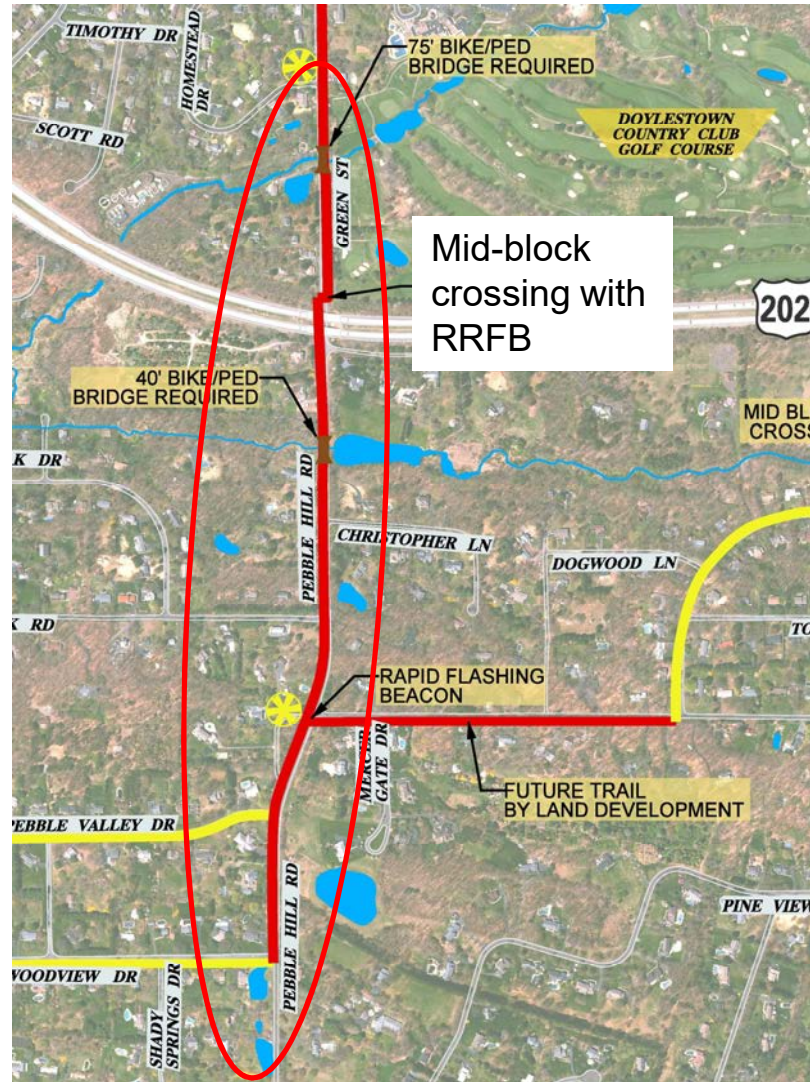
Proposed
Green Street
(25 mph)

Green Street – Meadow Lane to Country Club (1300')

- Continue existing Green St. concept to end of Borough /Country Club property
- Stripe parking lane from Hillside to Meadow (exist. sidewalk here already)
- Move east curb into road – minimize impacts
- Create 10'-11' lanes and 8' area for sidewalk/ ornamental lighting or bike and hike path
- Colorized/textured intersections & crosswalks



Pebble Hill Road Bike & Hike Path - Country Club to Woodview Dr.



Country Club property



**Bridge on Country Club
property – Approx. 75' ped
bridge needed**





Midblock Crossing with RRFB Location

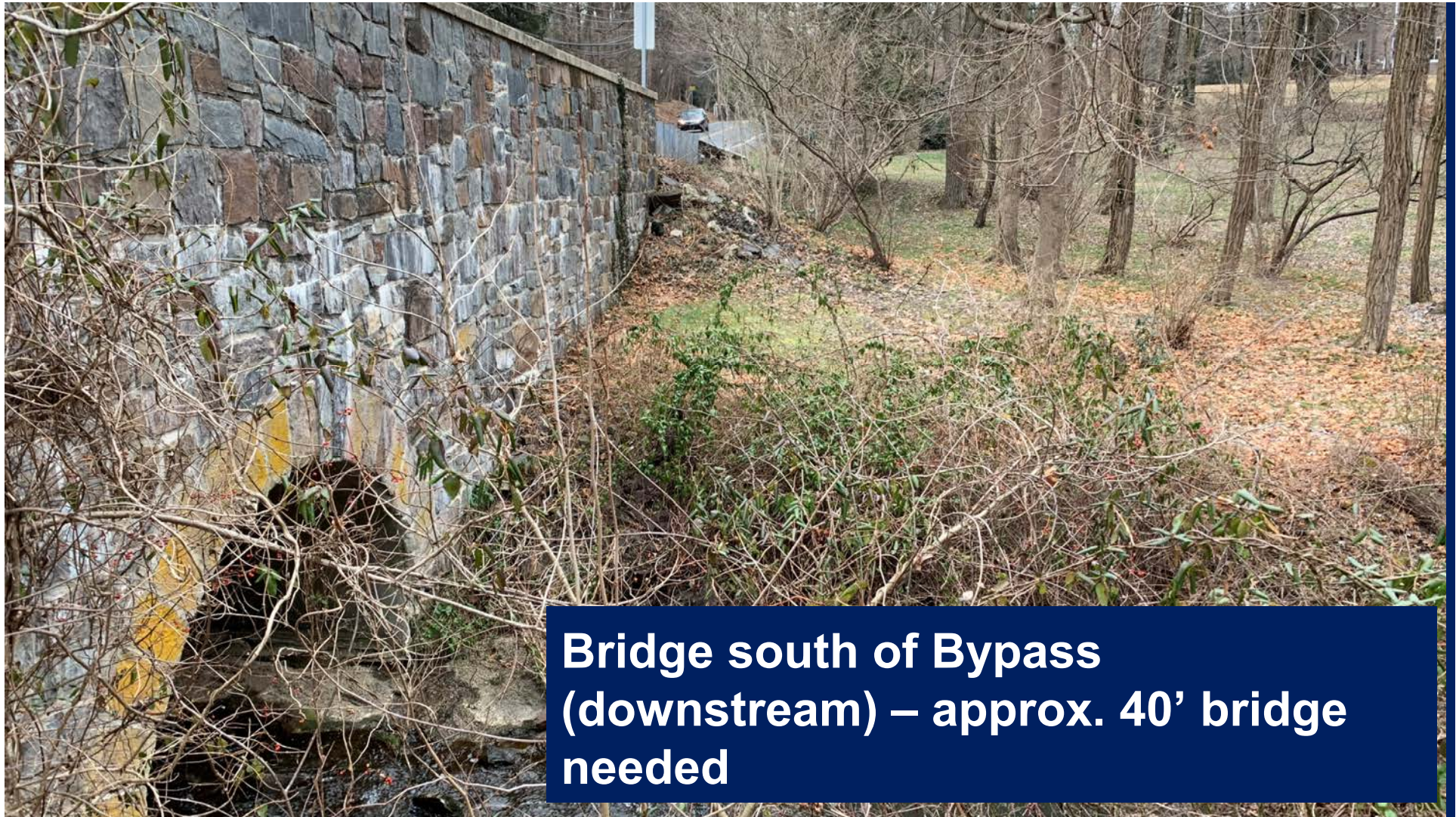


Midblock Crossing with RRFB Location



Dam & bridge south of Bypass





**Bridge south of Bypass
(downstream) – approx. 40' bridge
needed**



Pebble Hill Rd- looking south (before)



Pebble Hill Rd- looking south (after)



Existing
Pebble Hill Road
(35 mph)

Pebble Hill Road/Cherry Lane Intersection improvements



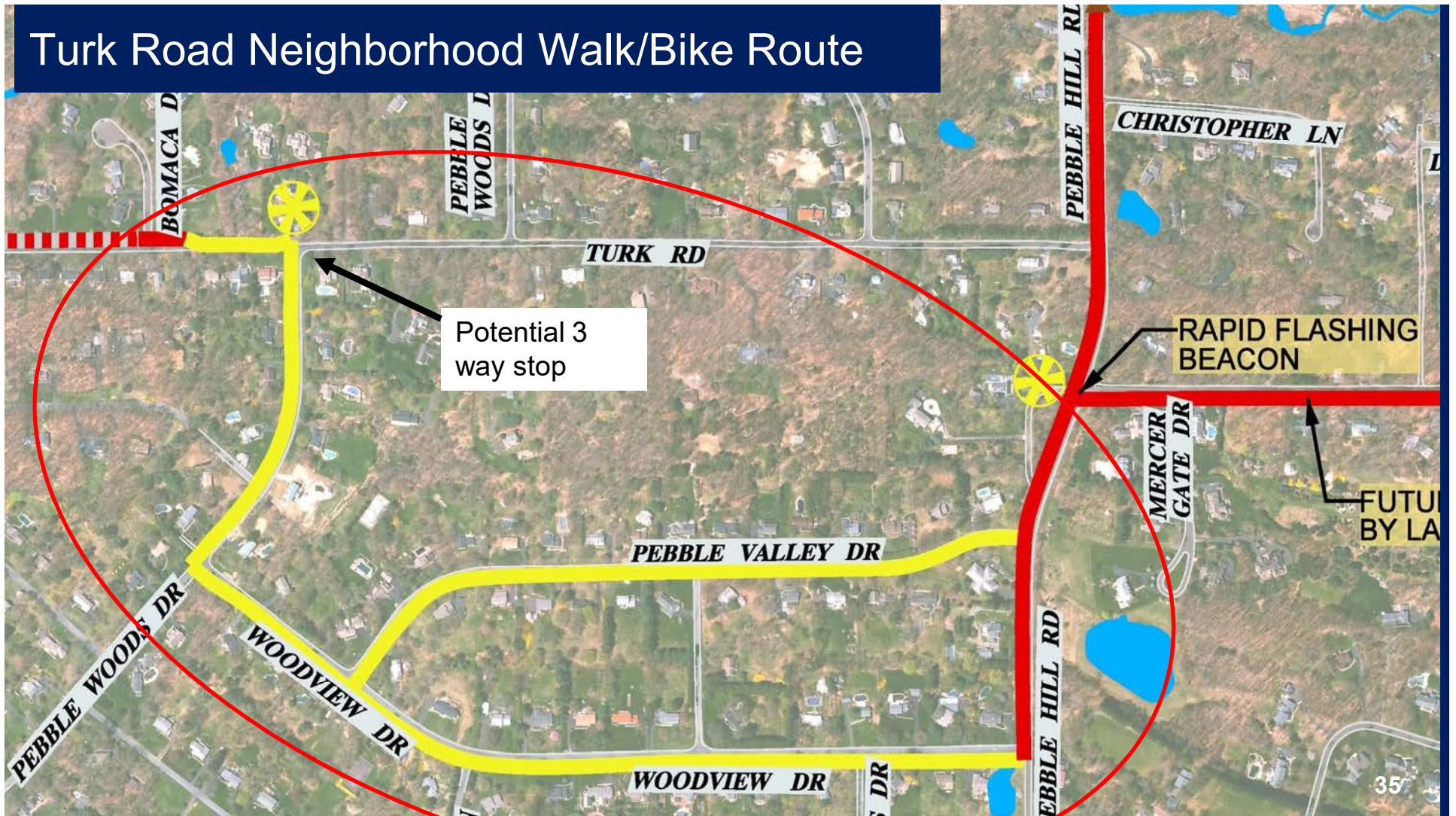
- Potential Rec. Rapid Flashing Beacon signals (in advance of int. also)
- Crosswalk on Pebble Hill to Cherry Lane south side of int.
- Potential colorized / patterned intersection
- Advance warning signs & pavement markings

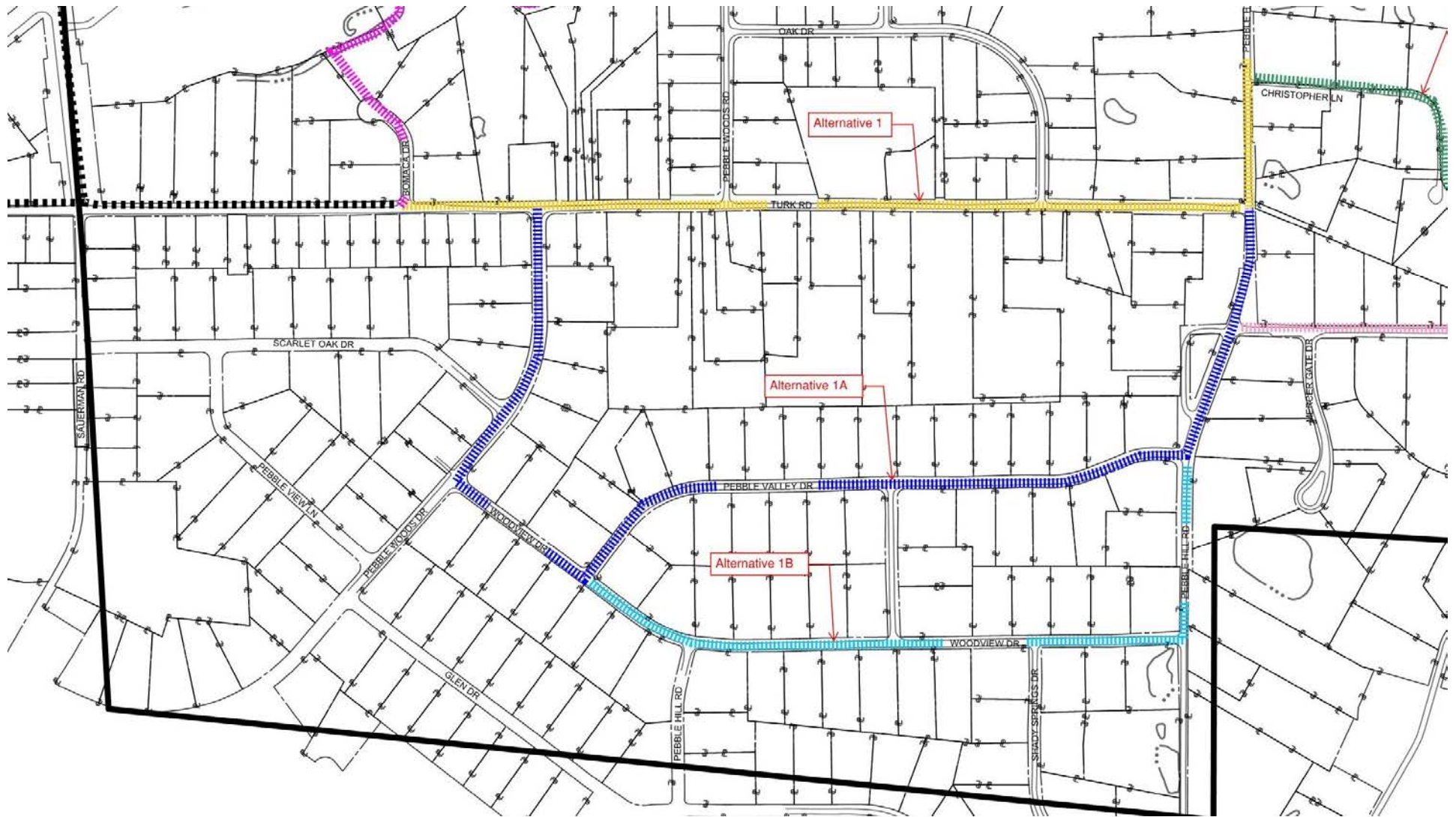


Pebble Hill Road

- Asphalt bike & hike path on Country Club property
- 75' ped bridge & 40' ped bridge required
- Curb, bike & hike path and small retaining wall from Turk Rd. to Cherry Lane; Pebble Valley to Woodview Dr.

Turk Road Neighborhood Walk/Bike Route





Buck Run – Field Visit
12-13-2018

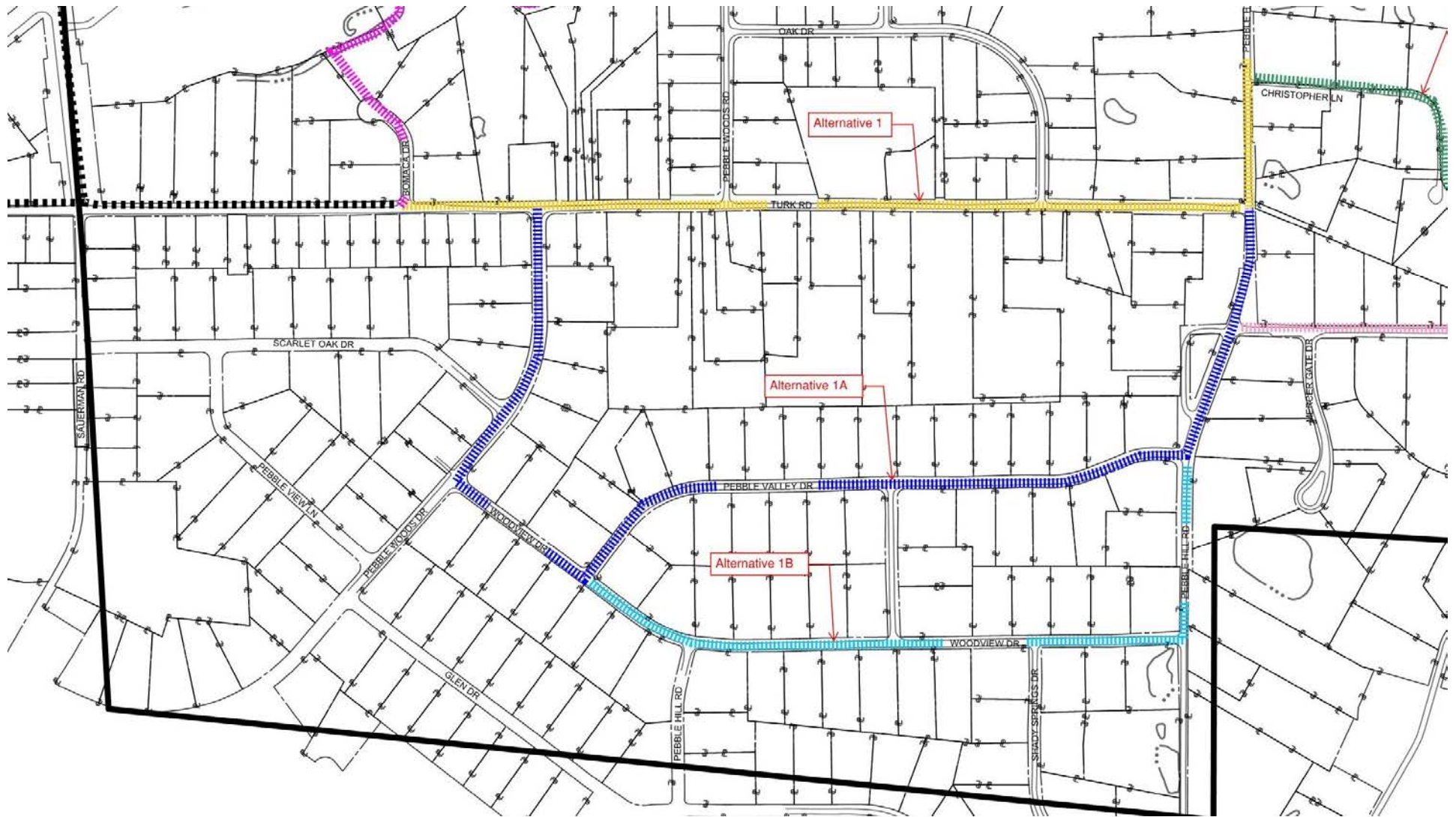


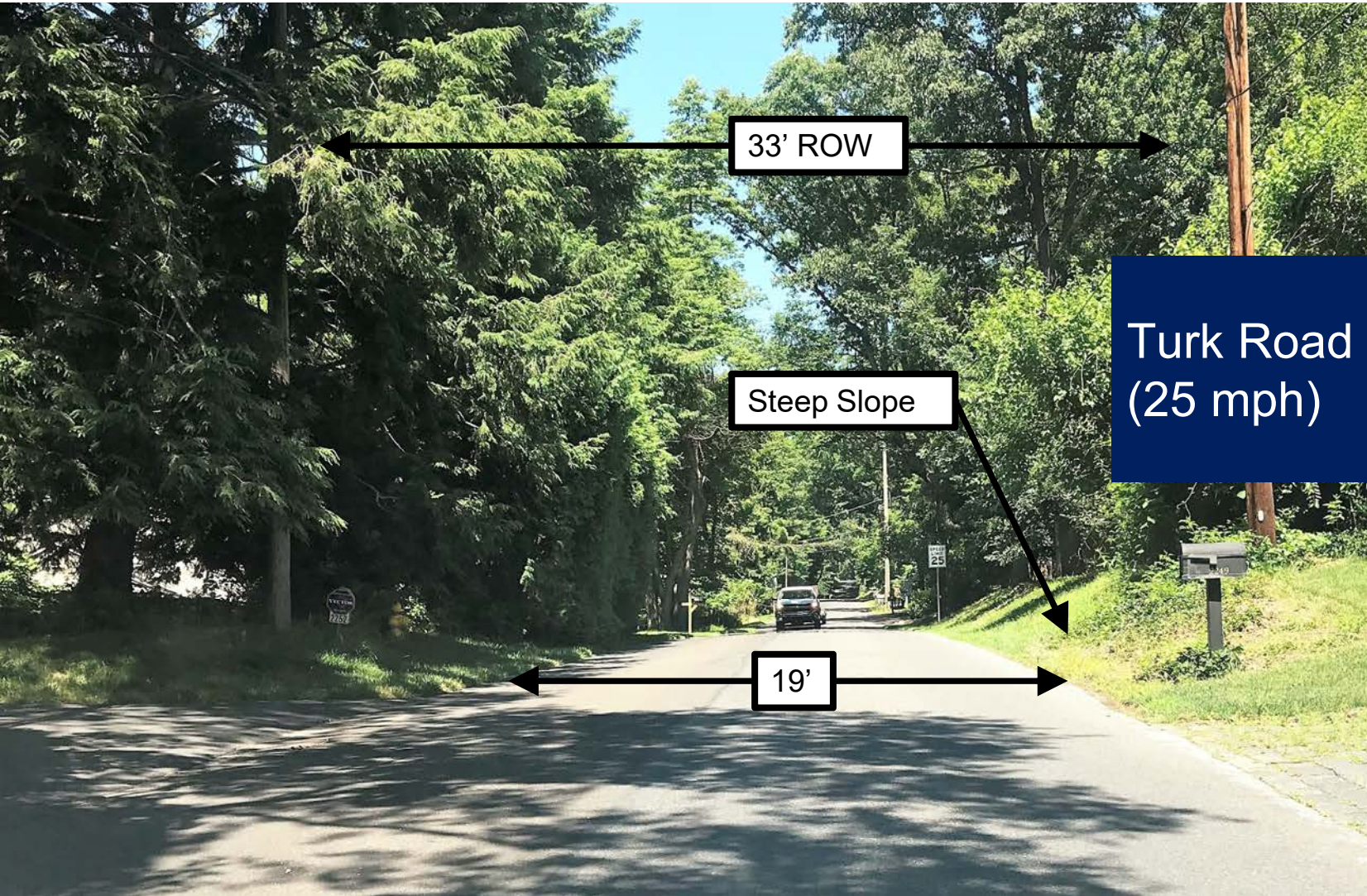
Buck Run – Field Visit
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Buck Run – Field Visit
12-13-2018







Turk Road
(25 mph)





Turk Road
(25 mph)



Turk Road

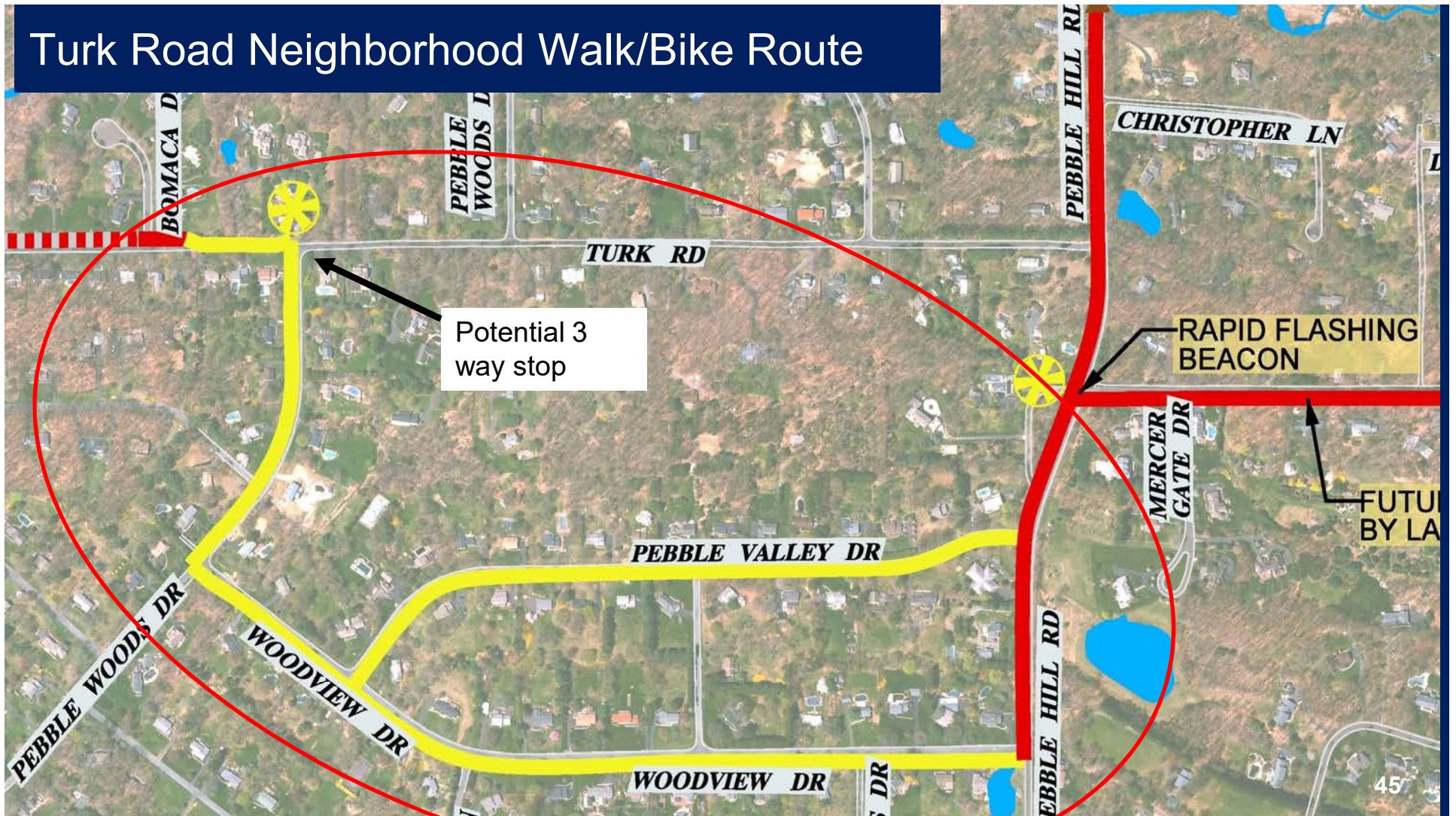
- **Pros**

- Direct Route
- 25 mph

- **Cons**

- 19' existing cartway (Varies 33'-41.5' ROW)
- Steep existing slopes
- Hills along Turk Rd cause poor vertical sight distance
- Intersection with Pebble Hill has poor horizontal sight distance
- Utility Poles

Turk Road Neighborhood Walk/Bike Route





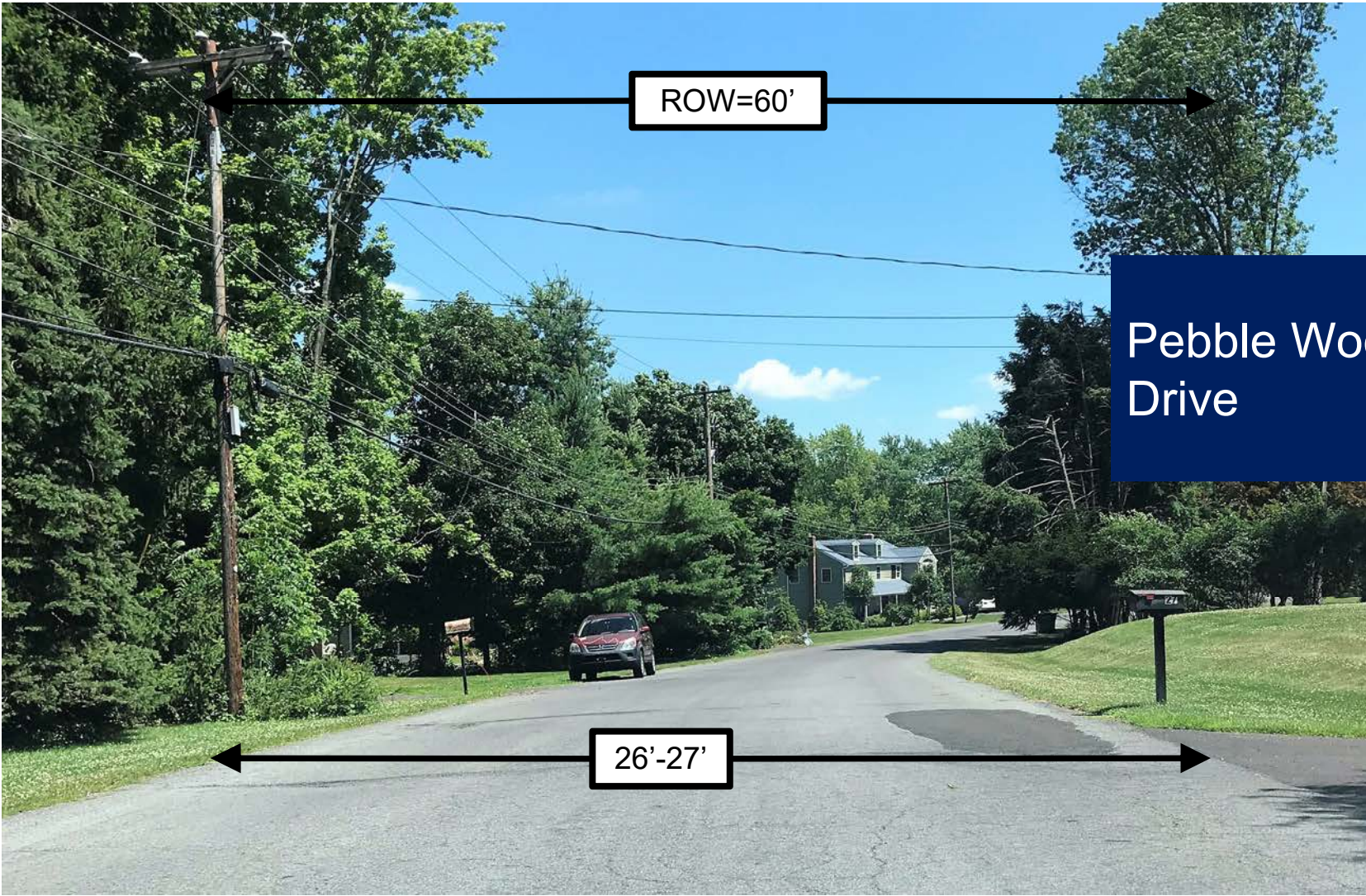
Mid-Block Crossing

Existing
Turk Rd.



Existing Turk Rd.

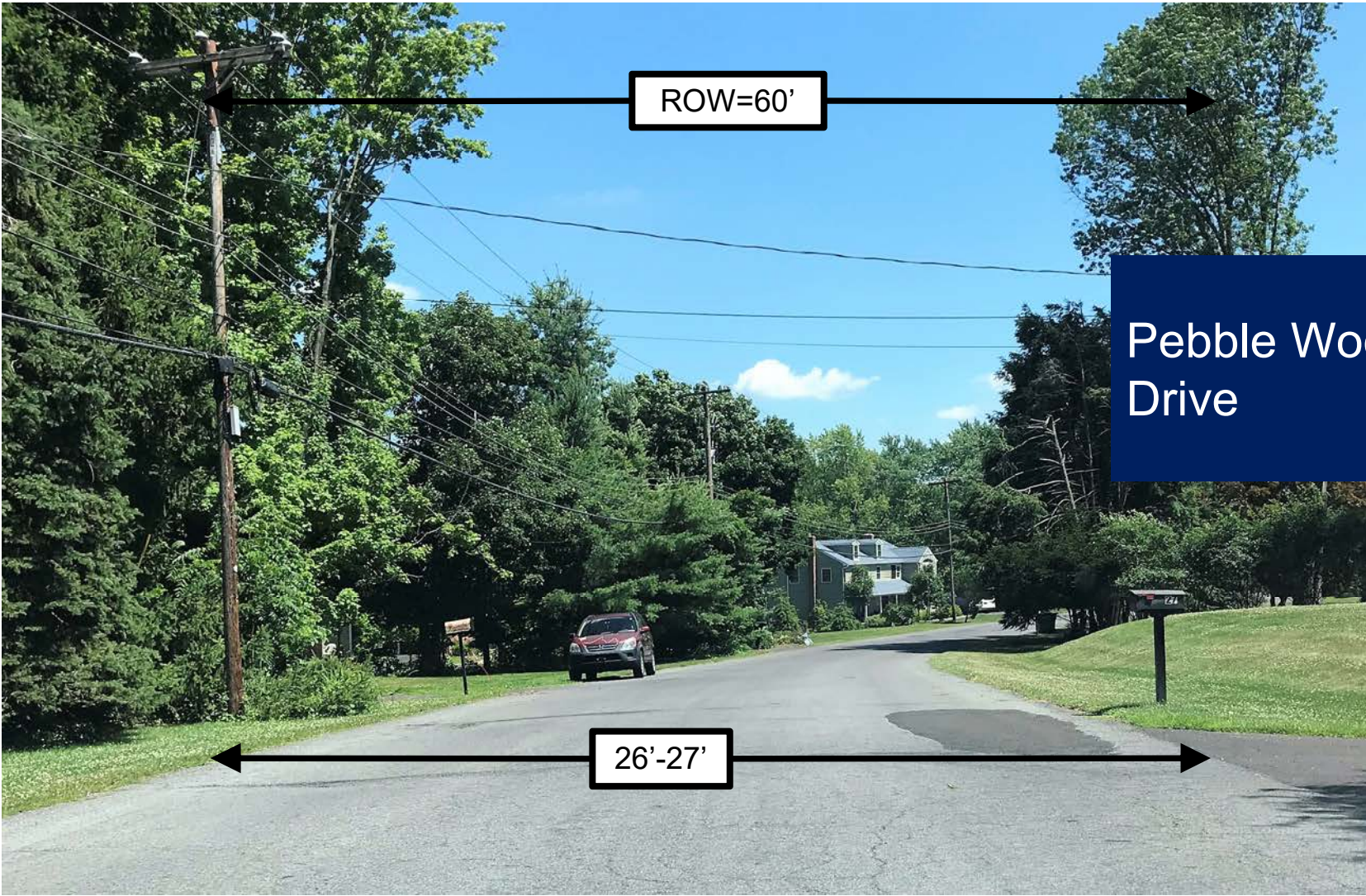
Share The Road



ROW=60'

Pebble Woods
Drive

26'-27'



ROW=60'

27-28'

Existing
Woodview Drive



Option 1 –
4' asphalt sidewalk
with sharrows



Option 2 - Curb, 4' concrete sidewalk in roadway with sharrows, narrow lanes

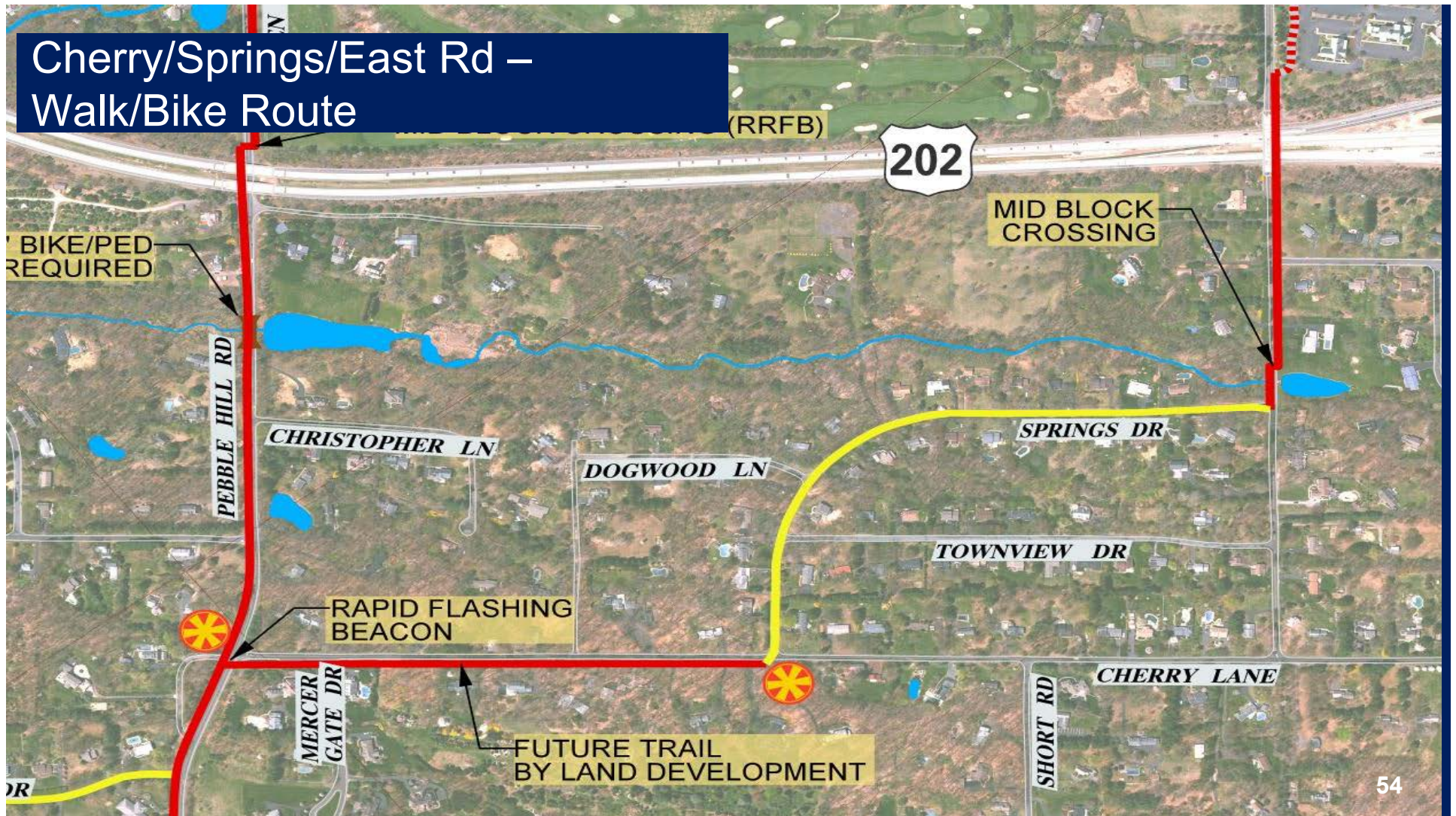


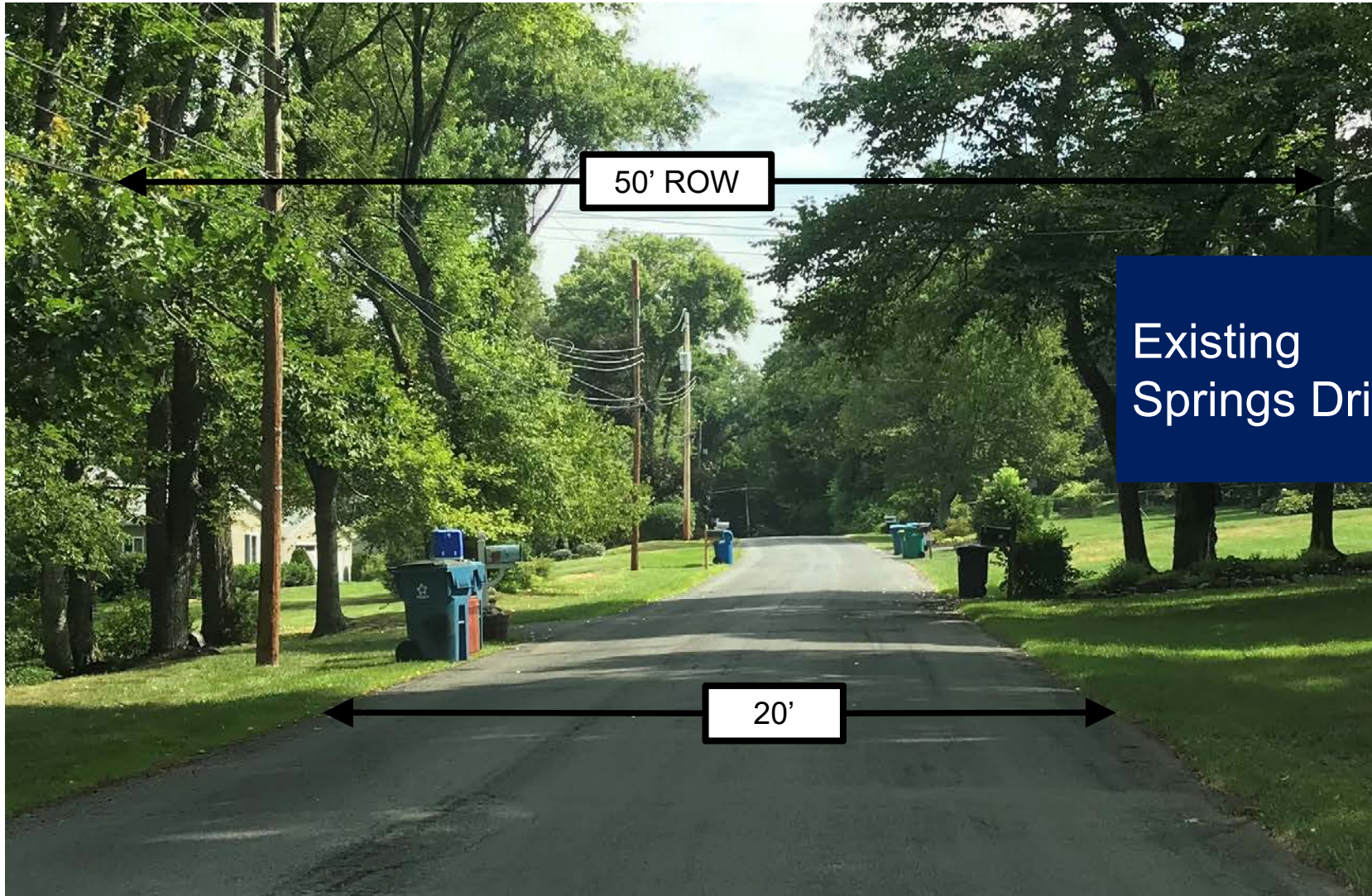
Pebble Valley Drive

Turk Road Neighborhood (Pebble Woods, Woodview, Pebble Valley)

- Connect to Existing Trail along Turk Road with a side path or share the road
- Avoid Turk Road due to limited right of way, vertical sight distance, high vehicular speeds, large cut sections, utility poles
- Utilize Pebble Wood, Woodview, and Pebble Valley because of ample public right-of-way, low speed, low stress for bicycles/pedestrians
- Paint Sharrows on the roadway to help direct cyclists while also alerting motorists of the cyclist's presence
- Optional walking path / sidewalk if the community favors that option

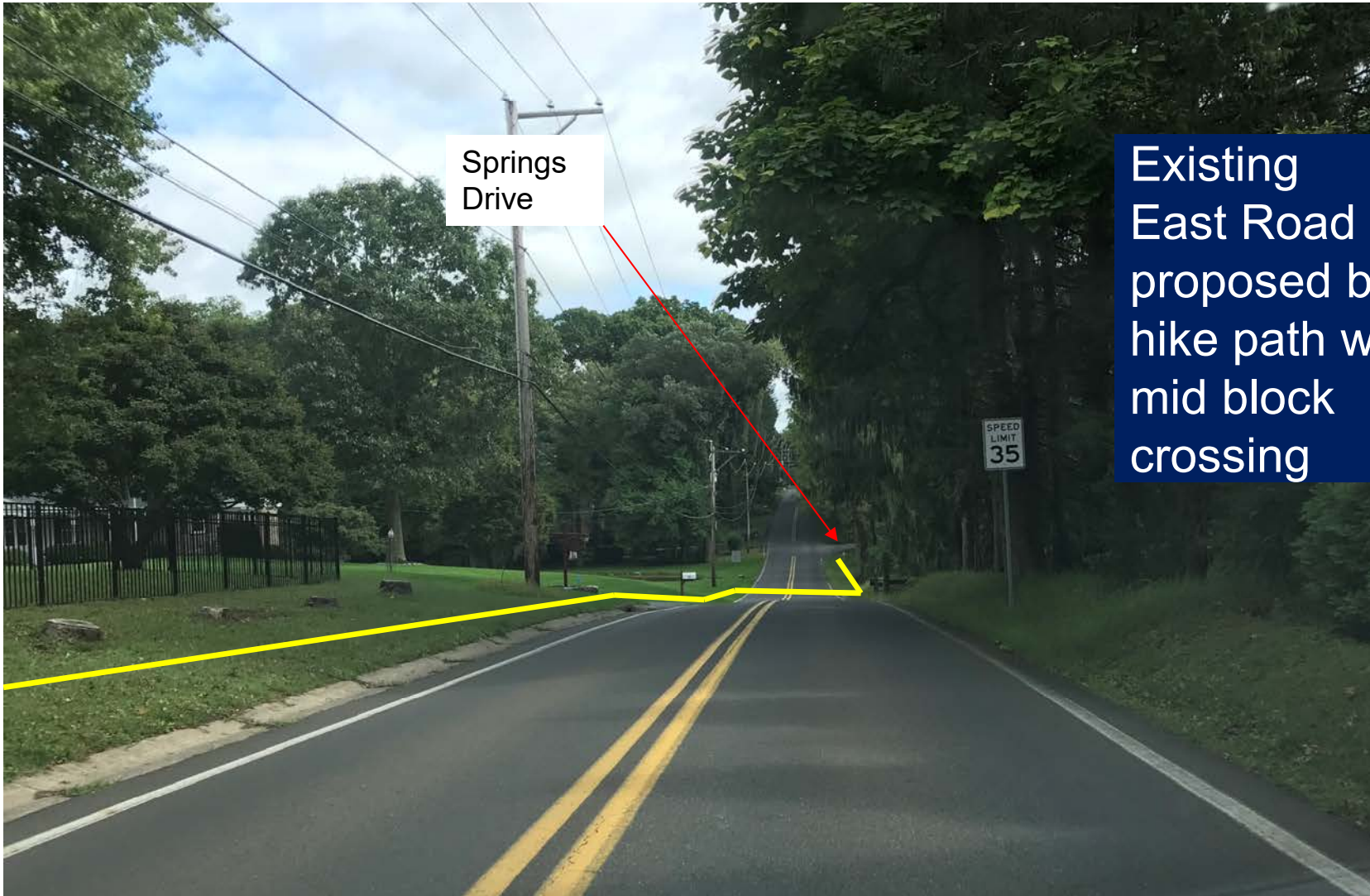
Cherry/Springs/East Rd – Walk/Bike Route





Existing
Springs Drive





Springs Drive

Existing East Road – proposed bike & hike path with mid block crossing

Exist. East Road
Bridge over 202
Bypass

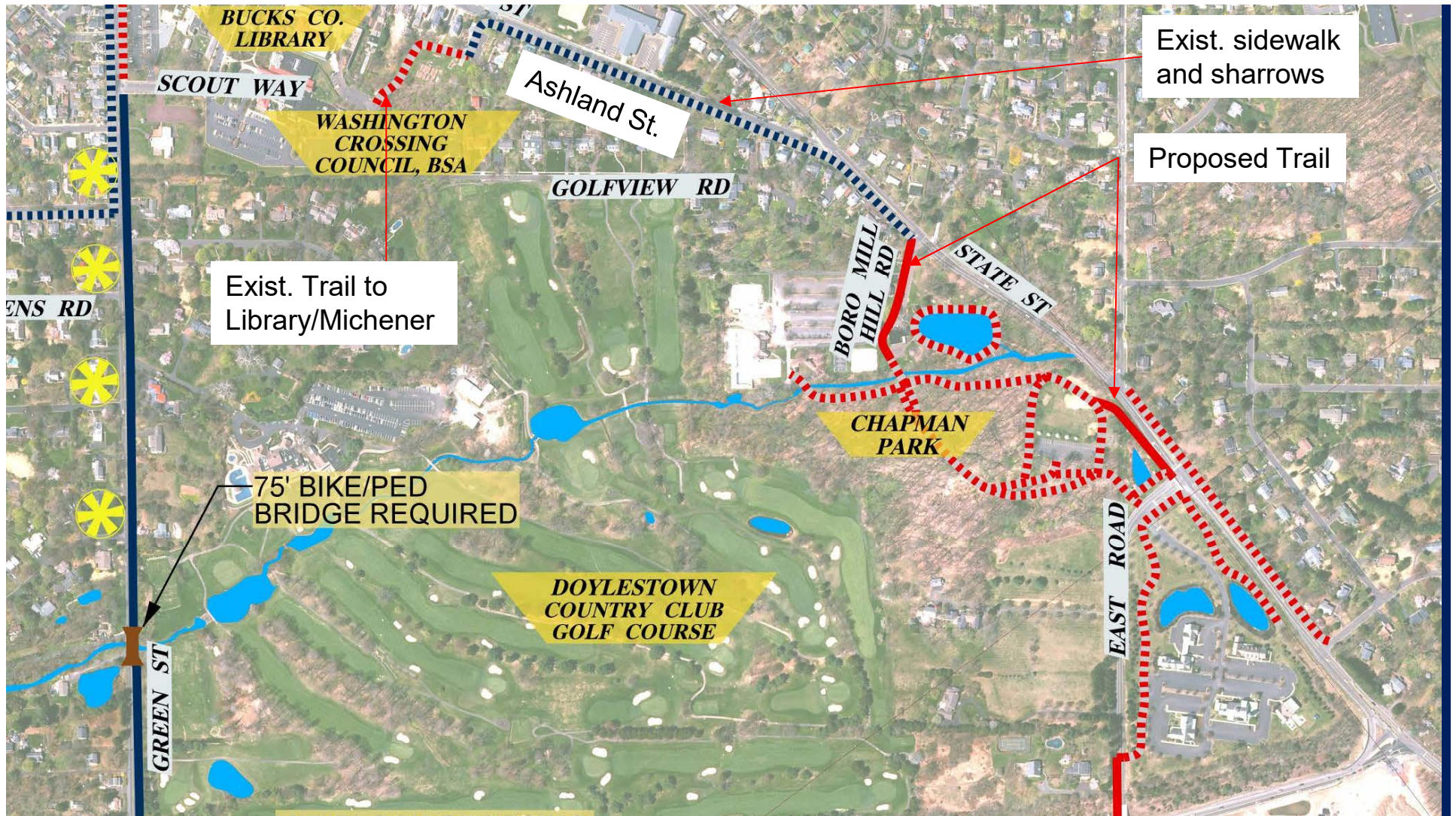
- Add bike and
hike route with 5'
buffer and flex
posts or Qwikurb

Exist.
Trail



Cherry Lane Neighborhood (Cherry, Springs, East)

- Future Land Development – Brooks Tract building Shared Use Path
- Utilize Springs Drive because of ample public right-of-way (50'), low speed, low stress for bicycles/pedestrians
- Paint Sharrows on the roadway to help direct cyclists while also alerting motorists of the cyclist's presence
- Optional walking path / sidewalk if the community favors that option
- Shared Use Path on East Road. Midblock Crossing after Pond – Use shoulder of 202 bridge (~12' wide) with potential buffer/flex posts
- Tie into existing trail 200 feet north of structure.



BUCKS CO. LIBRARY

SCOUT WAY

WASHINGTON CROSSING COUNCIL, BSA

Ashland St.

GOLFVIEW RD

BORO MILL HILL RD

STATE ST

CHAPMAN PARK

DOYLESTOWN COUNTRY CLUB GOLF COURSE

Exist. sidewalk and sharrows

Proposed Trail

Exist. Trail to Library/Michener

75' BIKE/PED BRIDGE REQUIRED

ENS RD

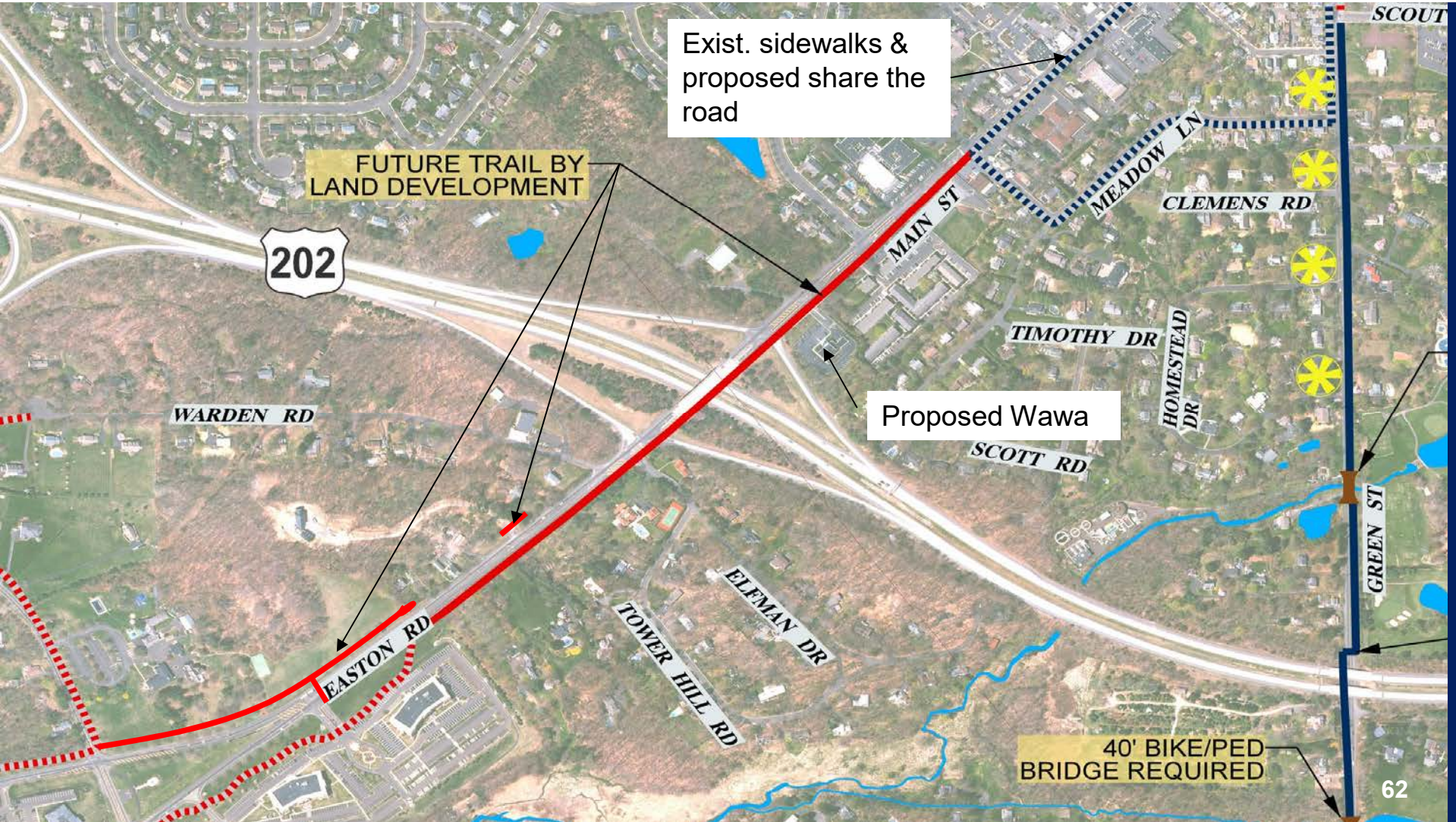
GREEN ST

EAST ROAD



East Road to Cultural District / Main St.

- Existing trails thru Farm Ln / Chapman Park
- Proposed Trail along E .State St to avoid sharing narrow driveway and back tracking
- Proposed trail along Boro Mill Hill Rd.
- Use sidewalk and shoulders on E. State St. (improve with striping/signs/crosswalks
- Use Ashland St. sidewalk and sharrows to reach Main Street
- Existing trail off Church St. to reach Library



Exist. sidewalks & proposed share the road

FUTURE TRAIL BY LAND DEVELOPMENT

202

WARDEN RD

EASTON RD

TOWER HILL RD

ELEMAN DR

MAIN ST

MEADOW LN

CLEMENS RD

TIMOTHY DR

HOMESTEAD DR

SCOTT RD

GREEN ST

Proposed Wawa

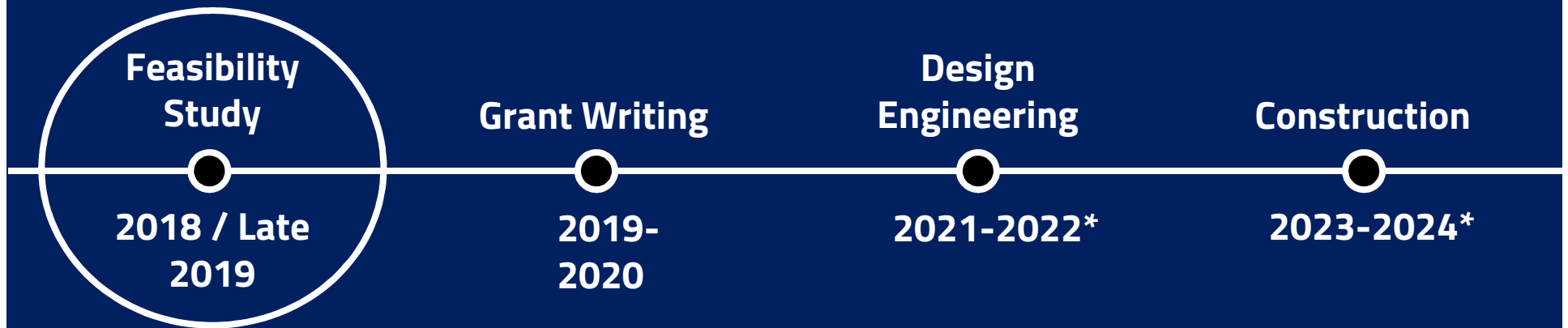
40' BIKE/PED BRIDGE REQUIRED

62

5. Next Steps:

- Incorporate input and ideas from this meeting
- Cost Estimates for different options
- Develop Implementation Plan
- Explore Grant opportunities
- Finalize Study Report

Timeline



***All dates are estimated**

Thank You