Quince Orchard Boulevard Streetscape & Shared Use Path Update

Mayor and City Council
Work Session
July 22, 2019

Gaithersburg
A CHARACTER COUNTS! CITY

Previous Discussions

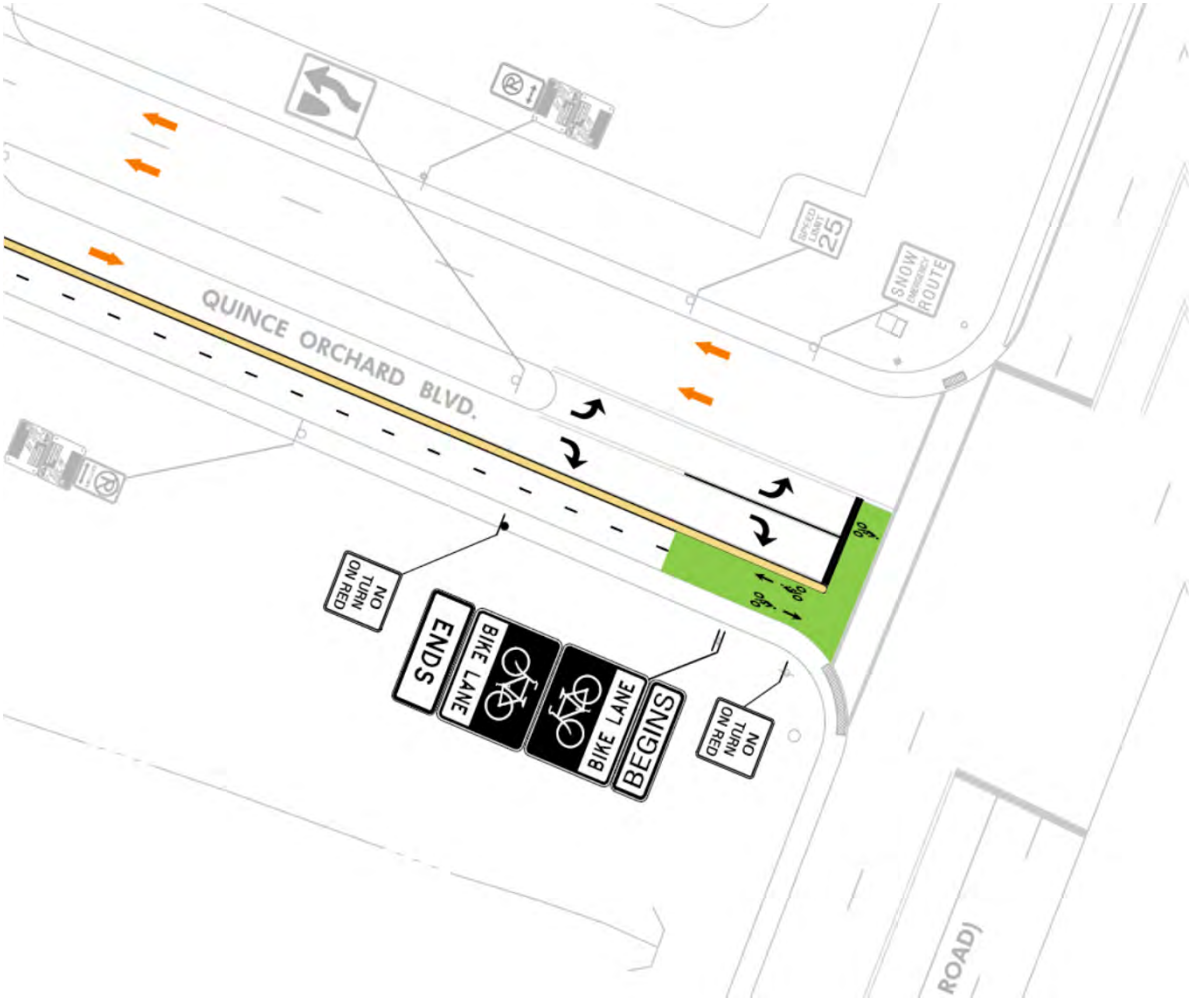
Mayor and City Council Off Site Work Session on May 11, 2015

- Focus of the discussion was on condition of street, existing trees, alternatives, and potential bike facility
- Direction was provided to investigate a tree replacement program and conduct further analysis on bikeway options

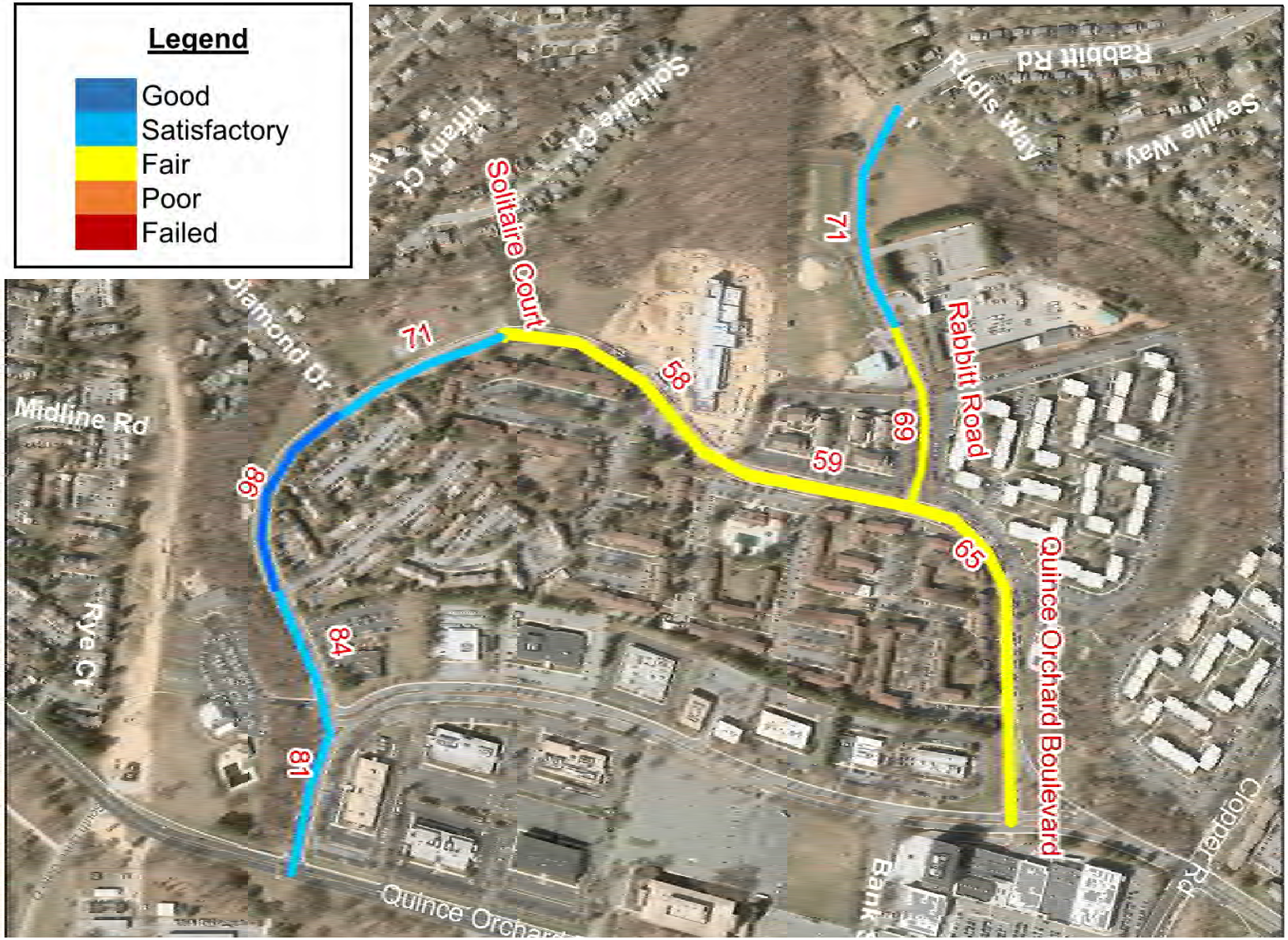
Previous Discussions

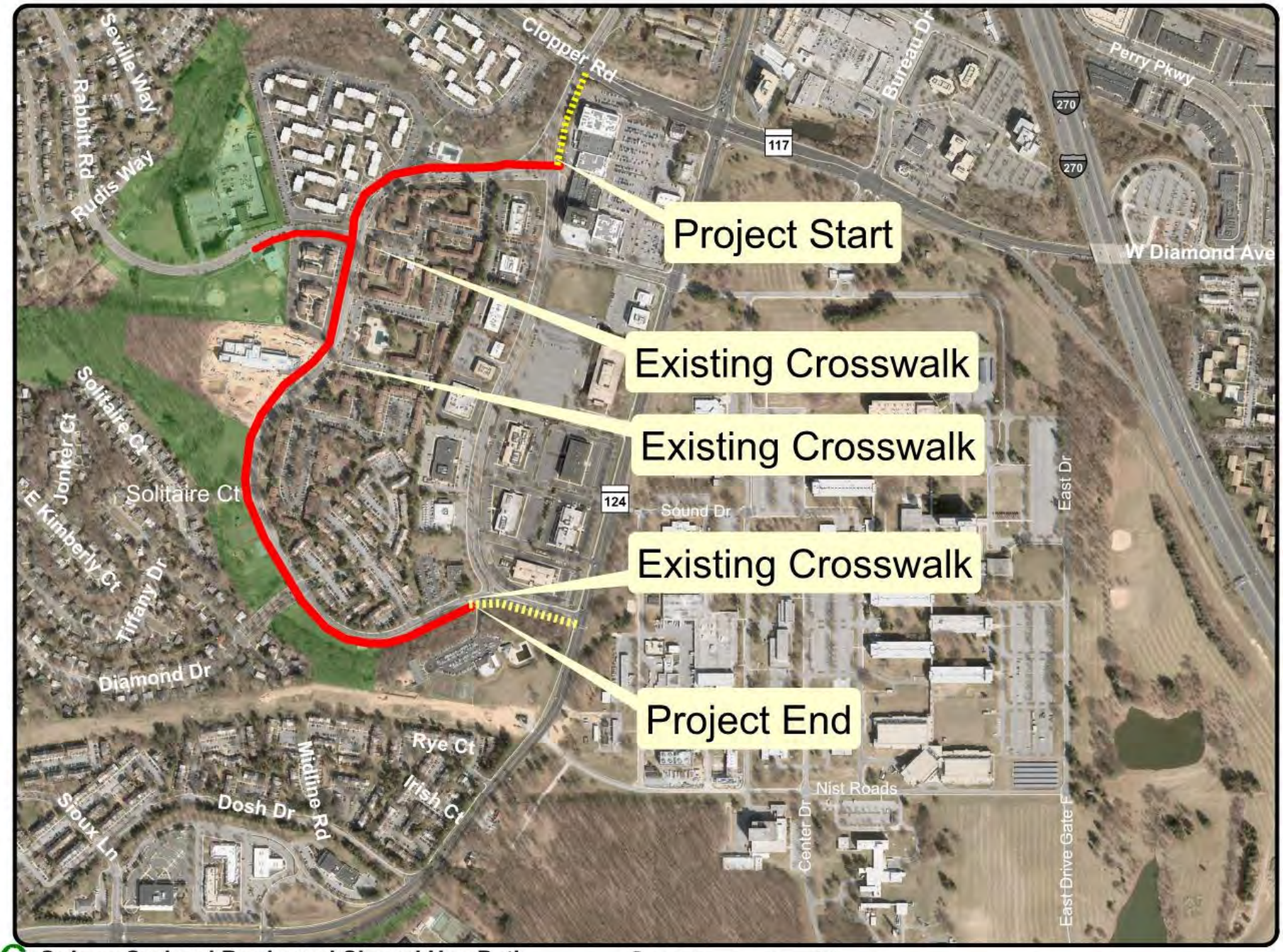
Mayor and City Council Work Session on November 27, 2017

- Staff presented an option which incorporated an on street cycle track
- Major concerns were expressed about limiting right turn movements at both MD 117 and 124



Quince Orchard Boulevard Recorded PCI





Quince Orchard Boulevard Shared Use Path

0 230 460 690 920 Feet

Quince Orchard Boulevard – Improvements

Project Improvements:

- Rebuild pavement and sidewalk (Potomac Oaks Condominium side) between Firstfield Road and Solitaire Court
- Replace existing sidewalk with a 10 foot shared use path (approximately 5,200 feet in length) on the Brown Station Elementary School side, between Firstfield Road (near MD117) and the opposite end of Firstfield Road (near MD 124)
- An approximately 700 ft. section of Rabbit Road (from Quince Orchard Blvd. to Robertson Park Youth Center) will also have a 10 foot shared use path
- Replace existing high pressure sodium lights along entire length of Quince Orchard Blvd. with LED fixtures

Shared Use Path - Quince Orchard Blvd.

Shared Use Path

Pros :

- Maintains travel lanes and/or parking
- Minimal impact on bus stops
- Improvements to infrastructure with construction

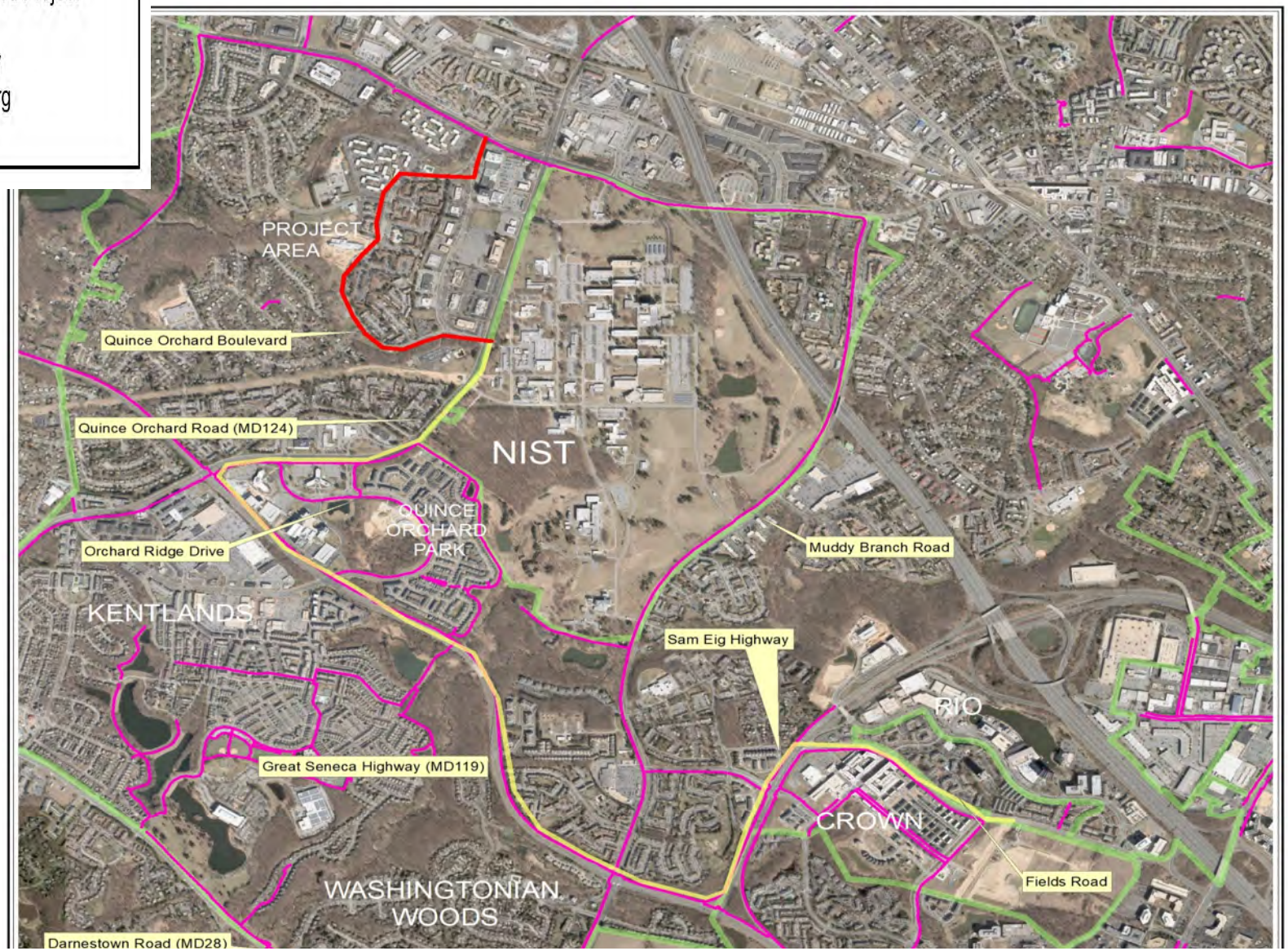
Cons:

- Not a separate bike facility (pedestrian and bike use)
- Adjacent property grading would be required
- Utility relocation
- Adjacent property agreements

City Connectivity

Legend

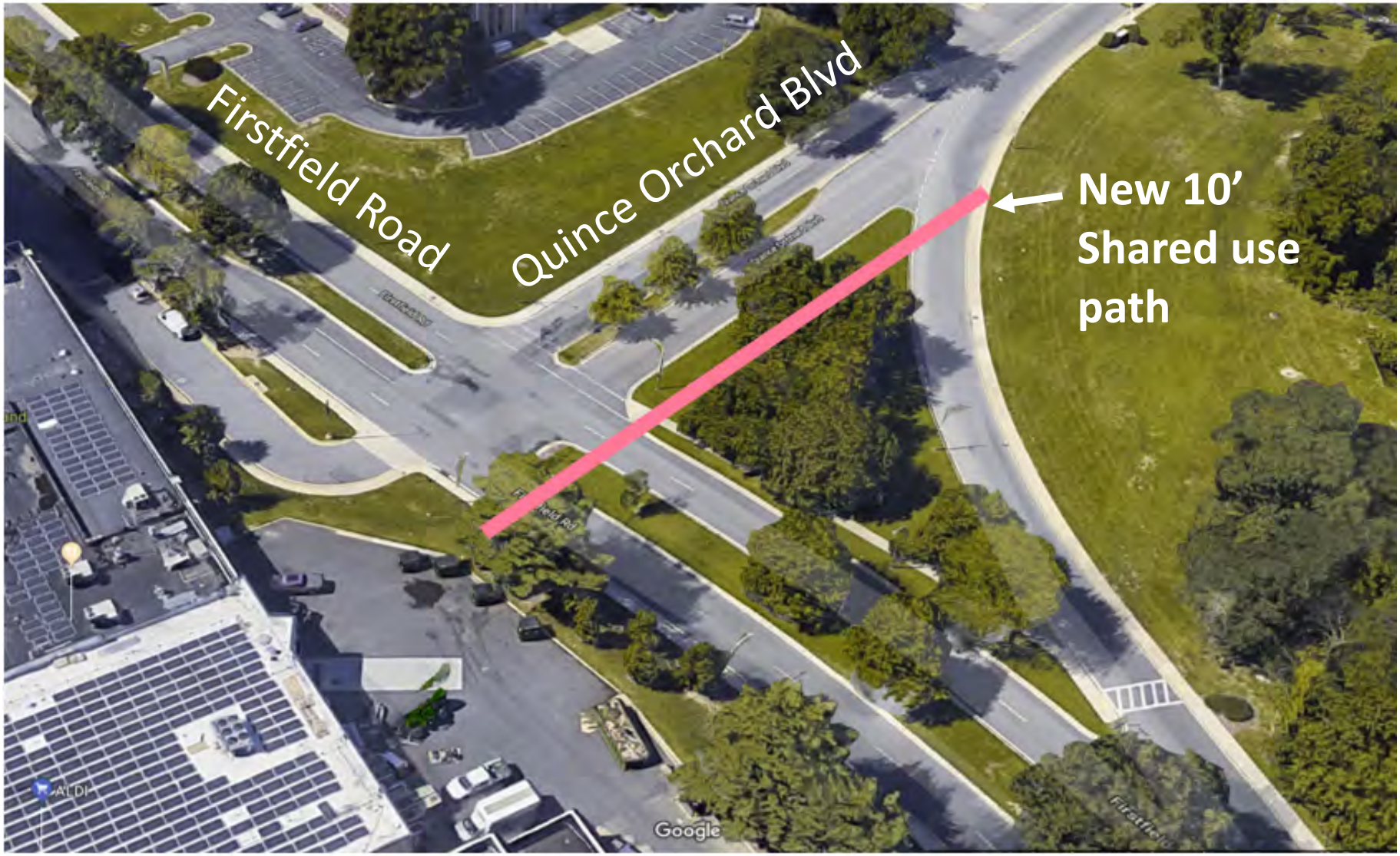
- Quince Orchard Blvd Project
- City Connectivity
- Multi-Use Pathway
- City of Gaithersburg



Shared Use Path - Quince Orchard Blvd.

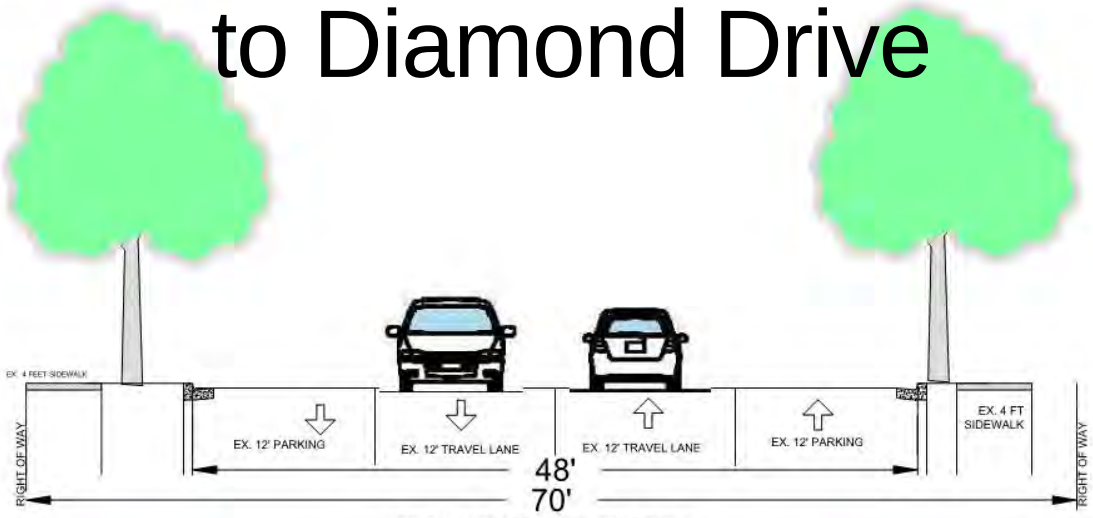
Firstfield Road to Quince Orchard Blvd. – Using Existing Infrastructure

Crossing of Firstfield to Quince Orchard Blvd.

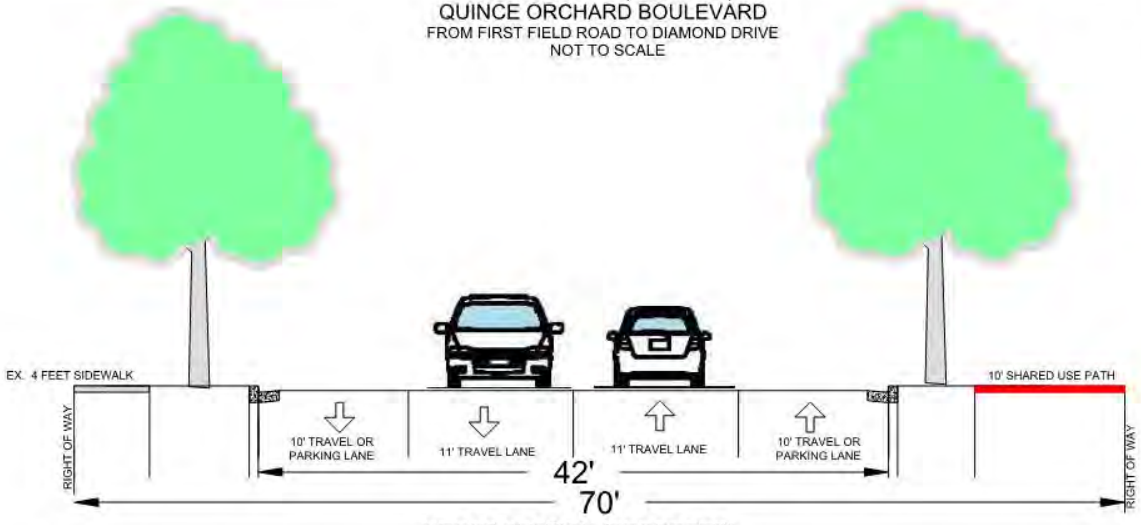


Connecting to Robertson Park Youth Center

Cross Section - Firstfield Road (MD 117) to Diamond Drive

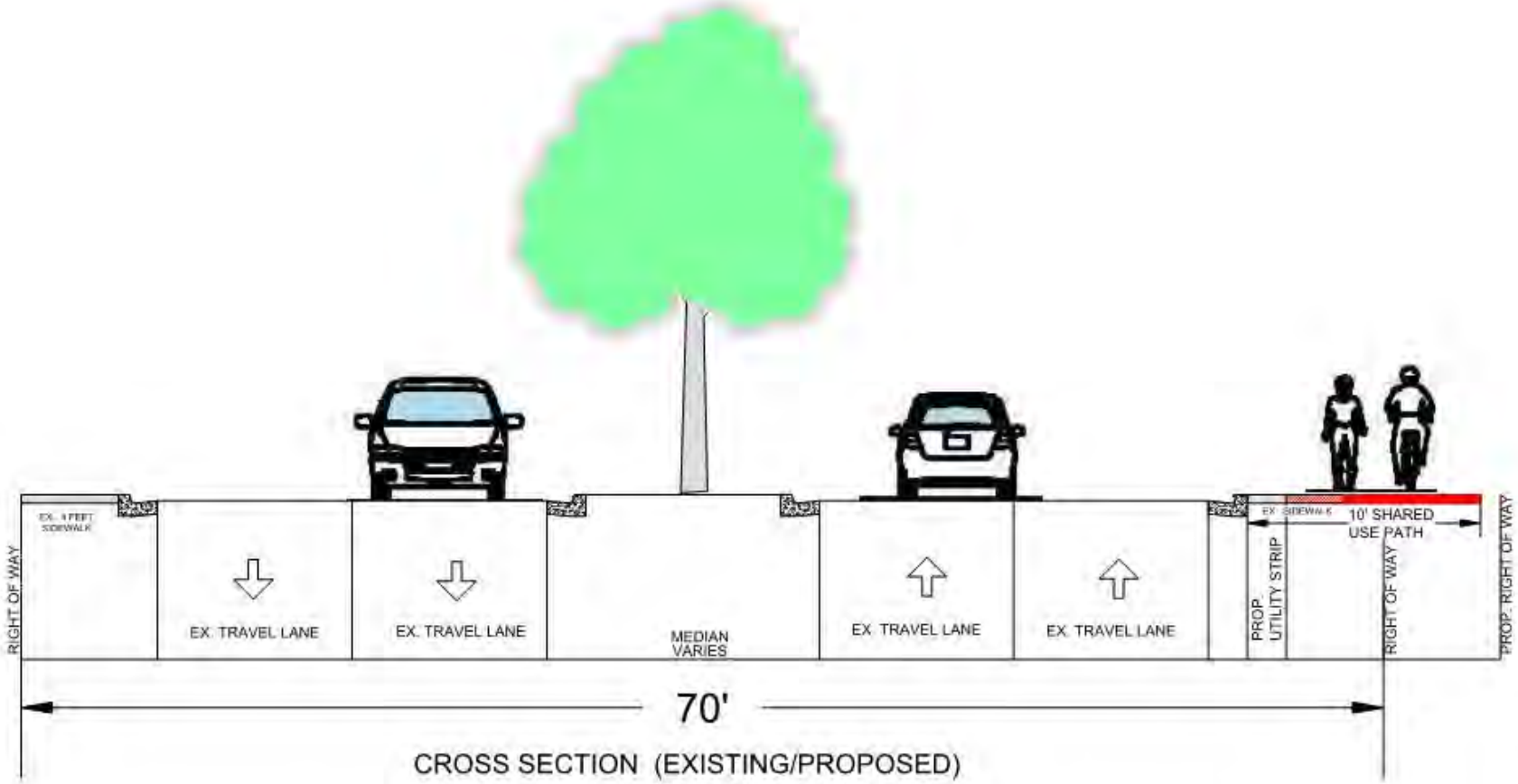


CROSS SECTION (EXISTING)
QUINCE ORCHARD BOULEVARD
FROM FIRST FIELD ROAD TO DIAMOND DRIVE
NOT TO SCALE



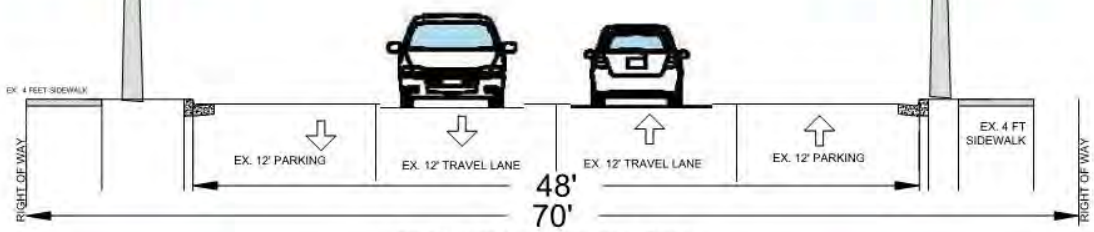
CROSS SECTION (PROPOSED)
QUINCE ORCHARD BOULEVARD
FROM DIAMOND DRIVE TO FIRST FIELD ROAD
NOT TO SCALE

Cross Section - Diamond Drive to Firstfield Road at MD 124



CROSS SECTION (EXISTING/PROPOSED)
QUINCE ORCHARD BOULEVARD
NOT TO SCALE

Cross Section – Rabbit Road at Quince Orchard Blvd. Intersection



CROSS SECTION (EXISTING)
QUINCE ORCHARD BOULEVARD
FROM FIRST FIELD ROAD TO DIAMOND DRIVE
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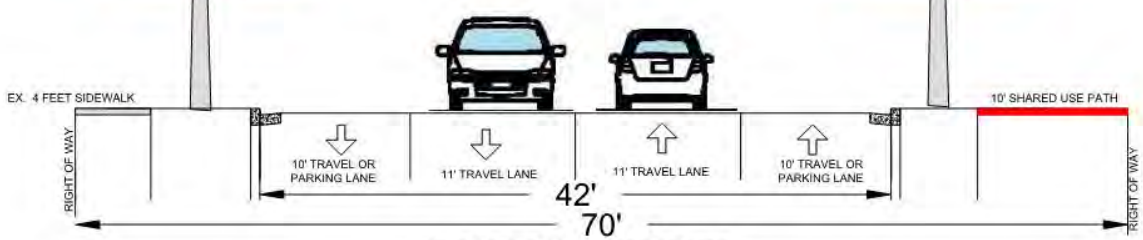

CROSS SECTION (PROPOSED)
QUINCE ORCHARD BOULEVARD
FROM DIAMOND DRIVE TO FIRST FIELD ROAD
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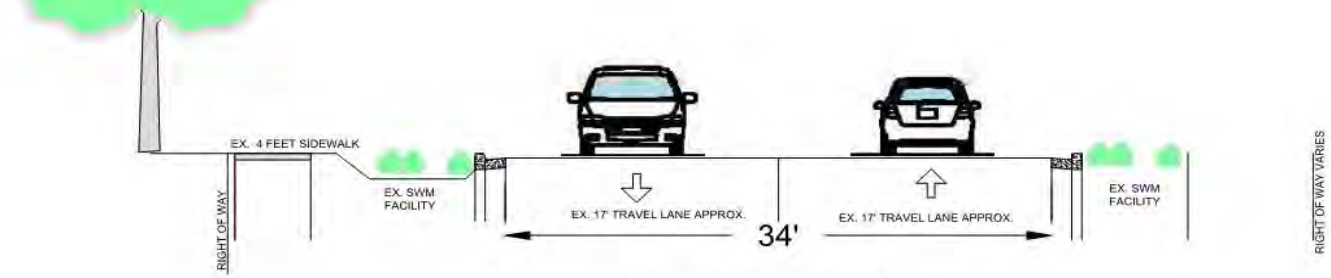
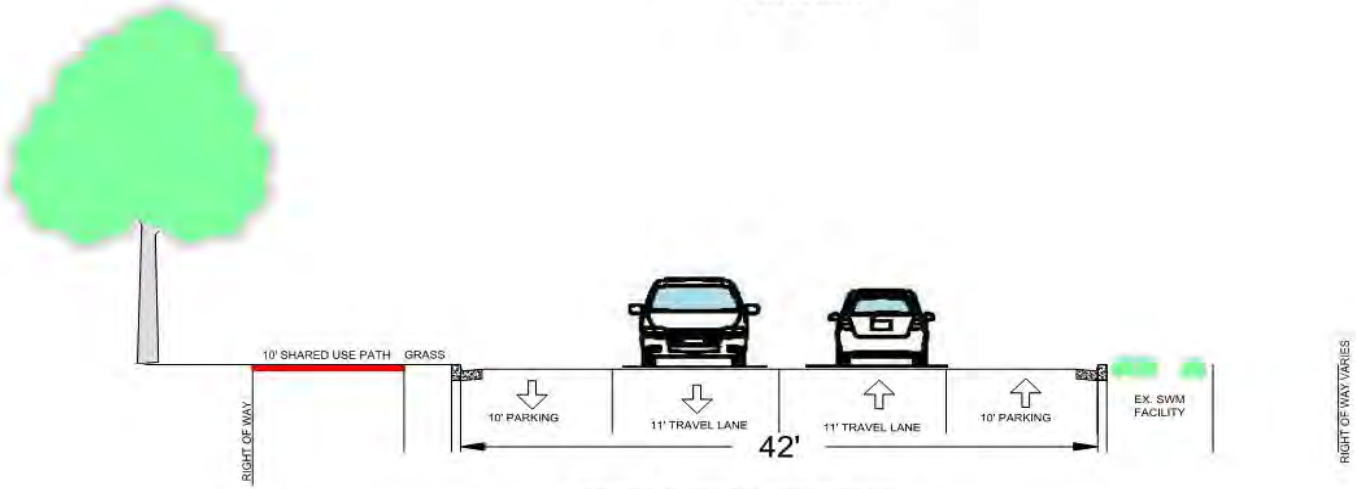
Cross Section – Rabbit Road at Robertson Park Youth Center

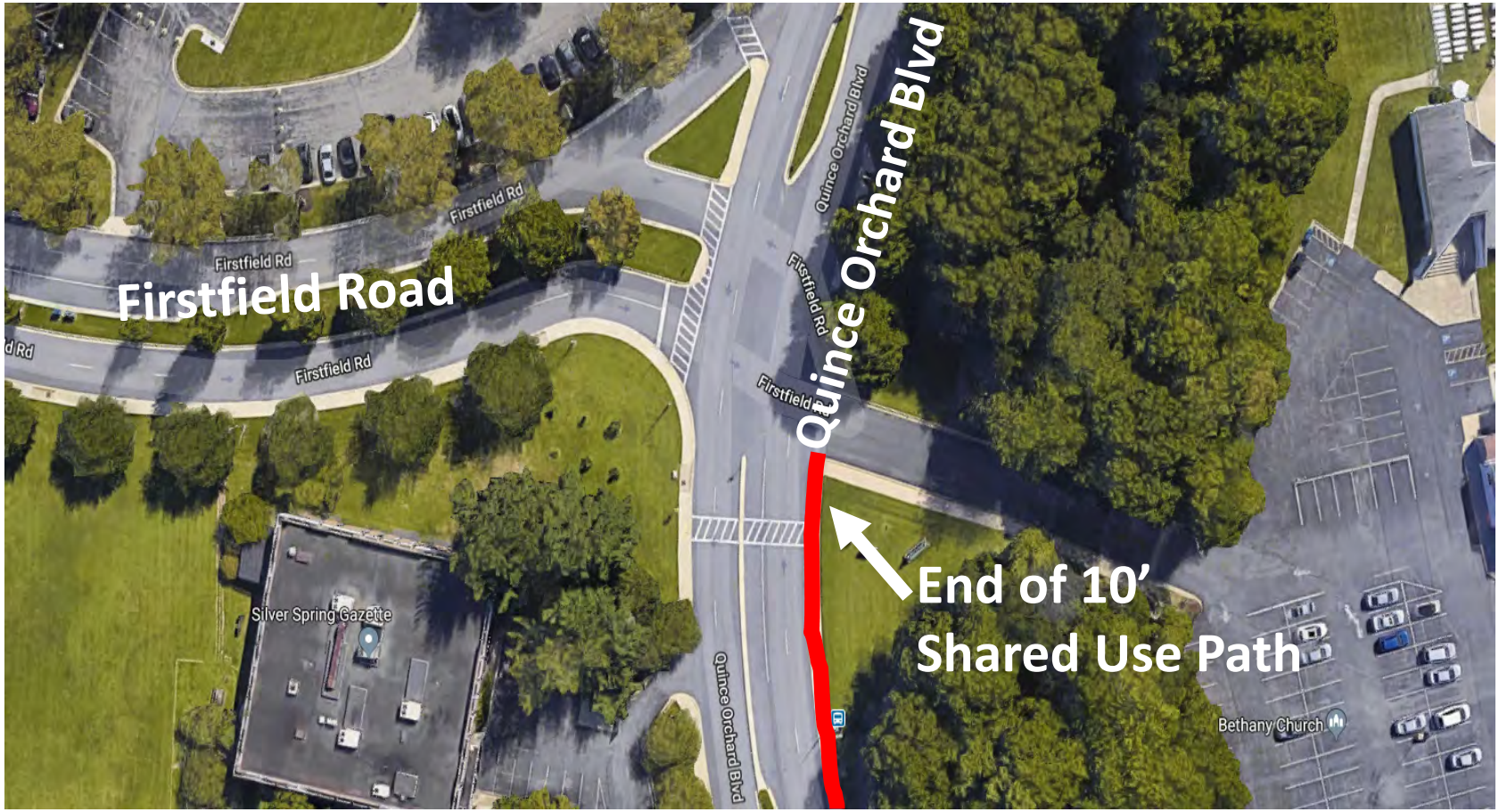


CROSS SECTION (EXISTING)
RABBITT ROAD CROSS SECTION
NOT TO SCALE



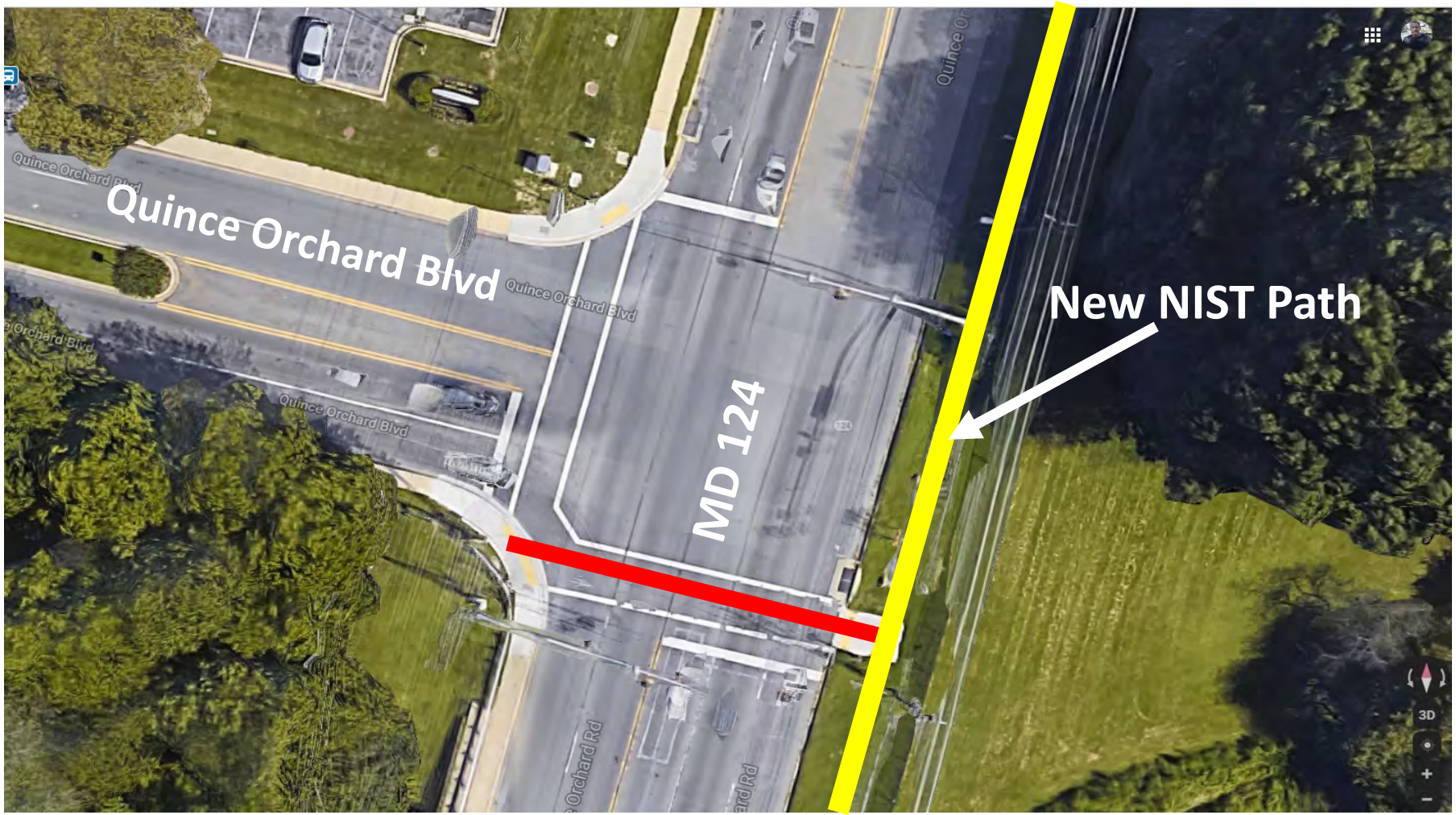
CROSS SECTION (PROPOSED)
RABBITT ROAD CROSS SECTION
NOT TO SCALE

Intersection of Quince Orchard Blvd. and Firstfield Road (MD124)



Intersection of Quince Orchard Blvd. & MD 124

Connection to New MD 124 NIST Shared Use Path



Mayor and City Council Discussion