

Route 130, Union Landing Road to Wharf Street

Delran & Cinnaminson Townships,
Burlington County

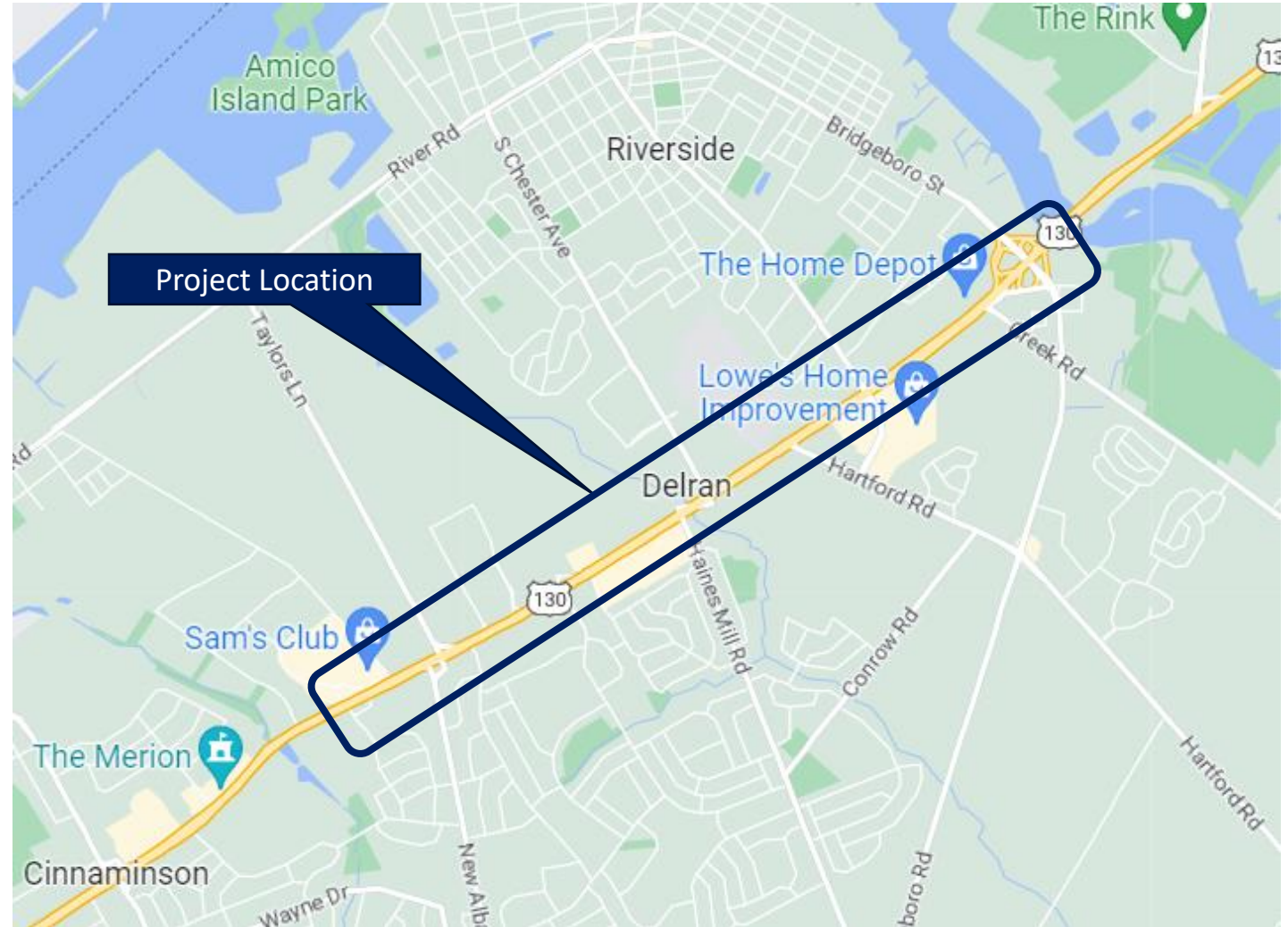
Delran Township Public Information
Center

July 16, 2024

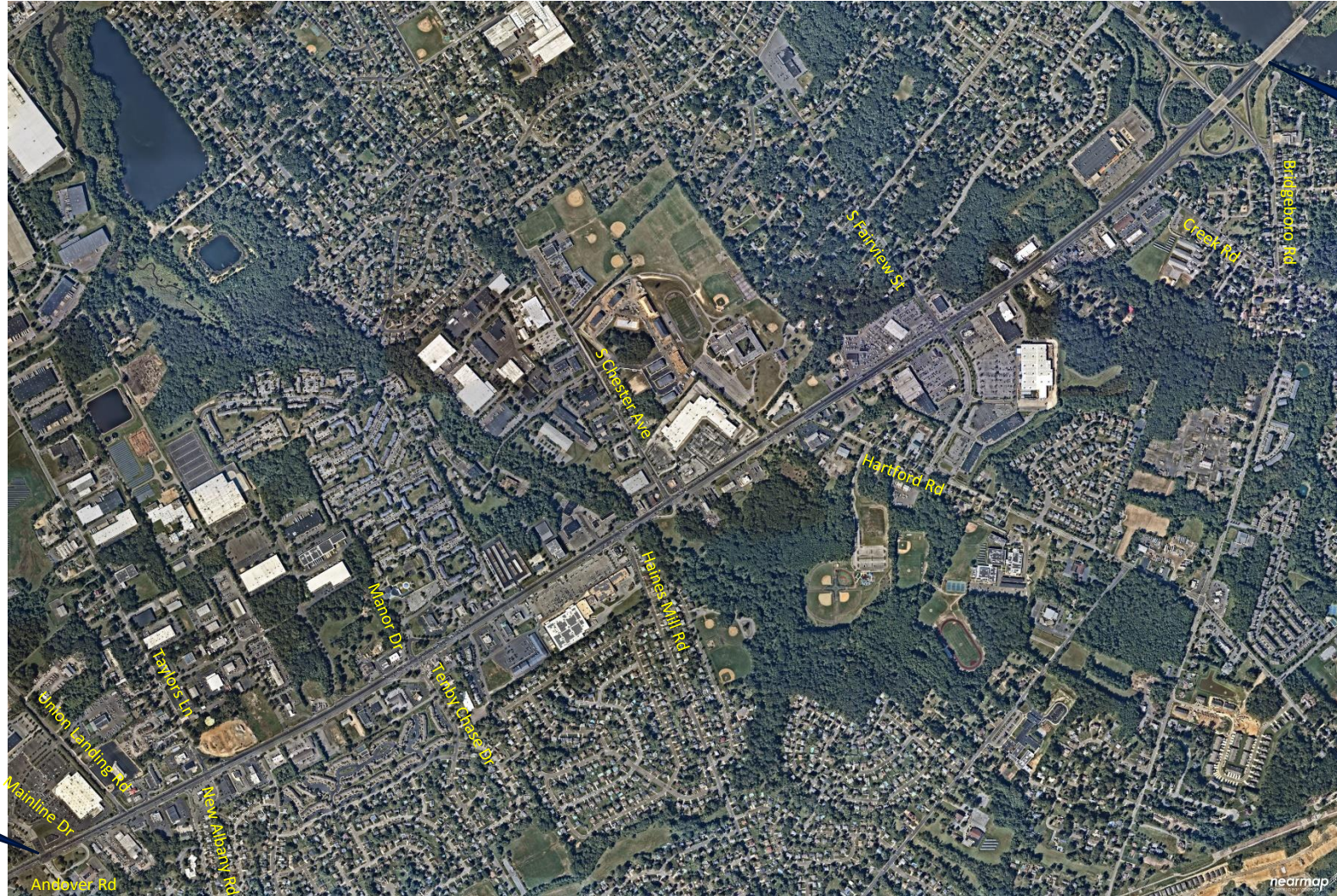


Project Location

- Route 130, Main Line Drive/Andover Road to Rancocas Creek Bridge
 - MP 38.23 to MP 41.05
- Delran and Cinnaminson Townships, Burlington County, NJ



Aerial View



Begin Project
MP 38.23

End Project
MP 41.05

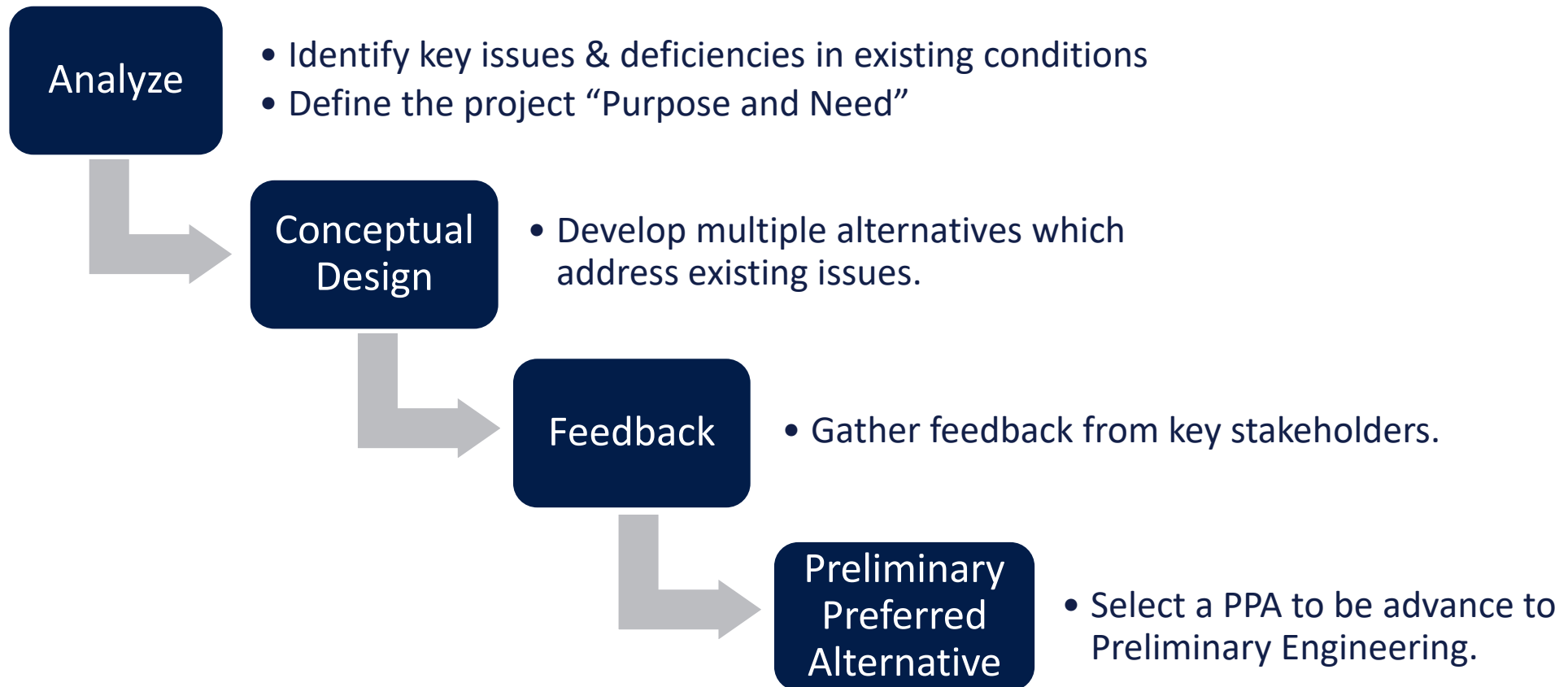
Project Background

- Full scope Concept Development Study focused on safety improvements for bicycles/pedestrians as well as traffic safety and operations
- Between 2017-2020 there were 7 crashes involving pedestrians, 2 bicyclist crashes, and 4 fatal crashes (2 pedestrian & 2 vehicular) resulting in the corridor rating high for pedestrian crashes
 - Based on discussions with local police additional pedestrian crashes have occurred since



What is a Concept Development Study?

A Concept Development Study is the first step in the NJDOT project delivery process when Federal funding is being used



Goals and Objectives

- Goal of this project is to recommend and advance safety improvements focused on bicycles/pedestrians, as well as traffic safety and operations
- The objectives are as follows:
 - Provide FHWA proven countermeasures to improve safety
 - Address contributing factors to higher-than-average crash rates
 - Improve pedestrian accommodations including ADA compliant ramps, completing missing segments of sidewalk, and providing driveway crossings
 - Improve bicycle safety
 - Upgrade traffic signals to current MUTCD, NJDOT, and ADA design standards
 - Improve intersection lighting to current NJDOT standards
 - Improve traffic operations at signalized intersections

Community Involvement

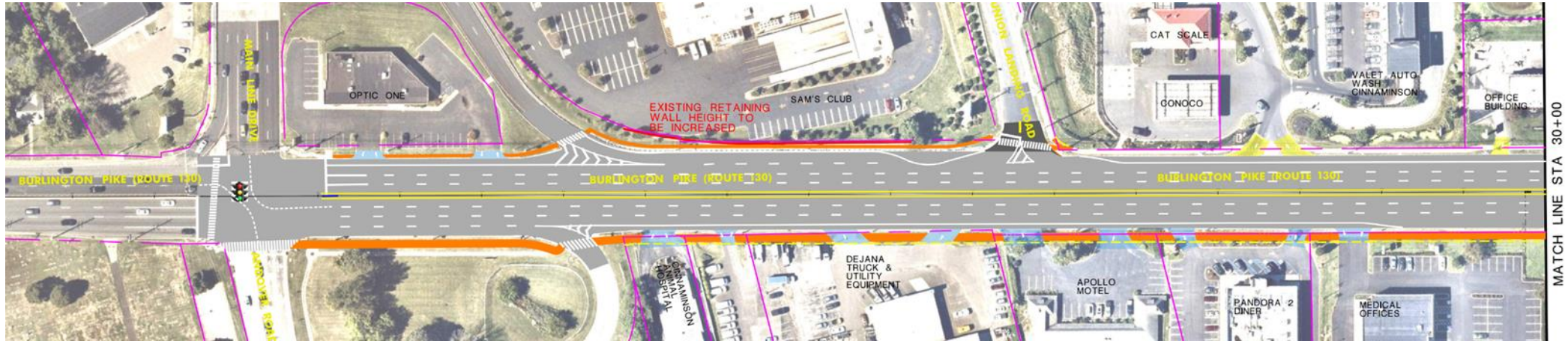
- Pedestrian Road Safety Audit - 11/2/22
 - Performed field visit to review specific areas of concern
 - Review of potential FHWA approved safety county measures to be implemented
- Local Officials Briefing #1 - 6/19/23
 - Presented Project Purpose & Need
 - Discussed results of data collection tasks
 - Presented potential designs to be included in development of alternatives
- Local Officials Briefing #2 - 3/4/24
 - Discussed various alternatives considered
 - Presented Preliminary Preferred Alternative (PPA)
- Public Information Center (7/16/24)



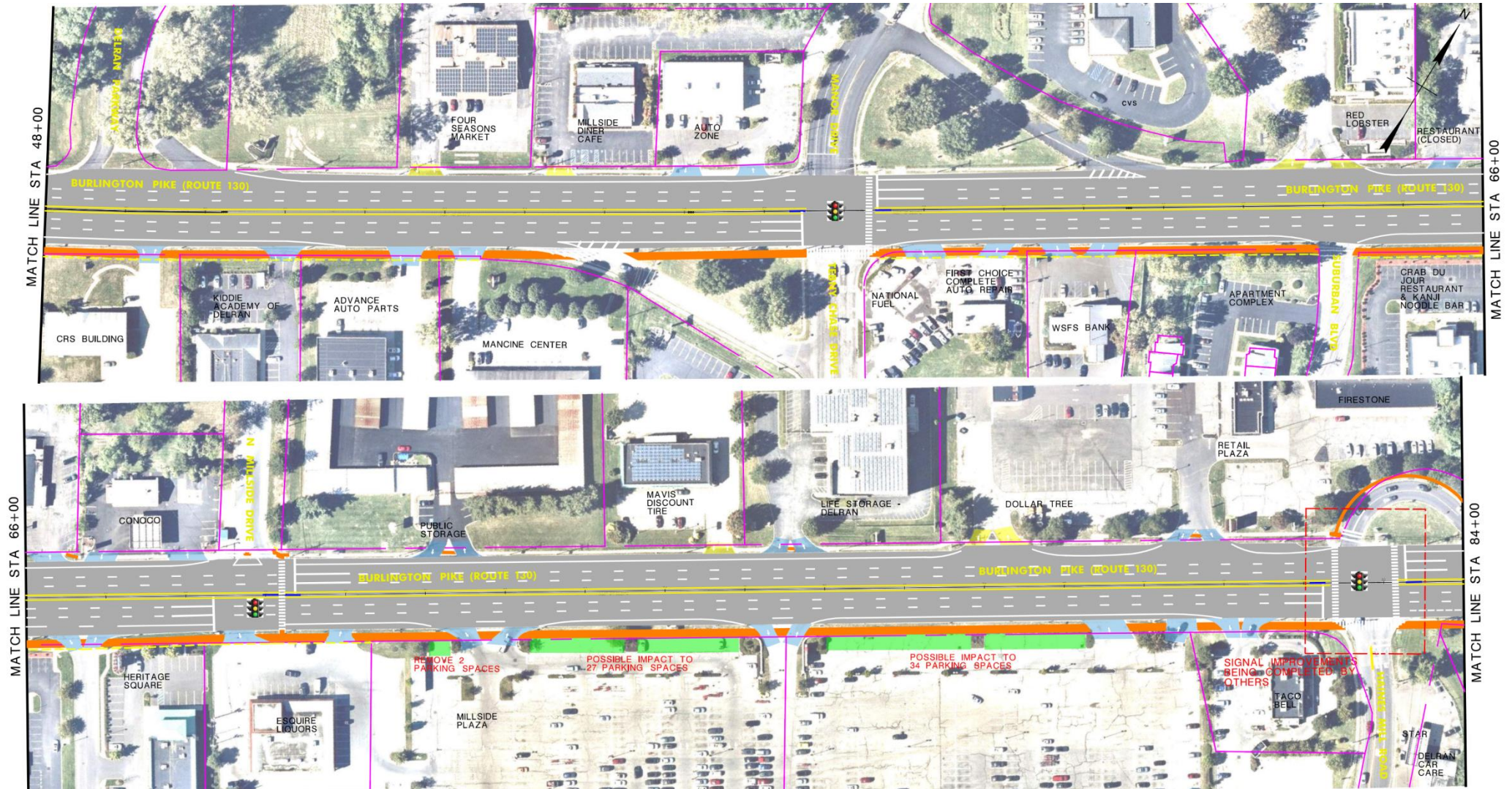
Preliminary Preferred Alternative

- Shared Use Path with Various Safety Improvements
 - Install 10ft wide shared use path on northbound side
 - Provides continuous bicycle/pedestrian route from Mainline Drive to Rancocas Creek Bridge, with connection to Bridgeboro Road
 - Maintain existing lane and shoulder widths
 - Traffic signal timings will be optimized for corridor operations
 - Timing will be modified at Route 130 & Taylors Lane to create a “lead left” phase for cars turning from eastbound Taylors Lane to Route 130 northbound
 - Geometric improvements at Creek Road to eliminate weave condition
- Why was this alternative selected?
 - Meets the Project Purpose & Need
 - Provides safe route for both bicycles and pedestrians outside of the roadway as desired for high-speed, high-volume roadways
 - Reasonable construction cost
 - +/- \$7.5 Million
 - Supported by NJDOT Subject Matter Experts over other alternatives

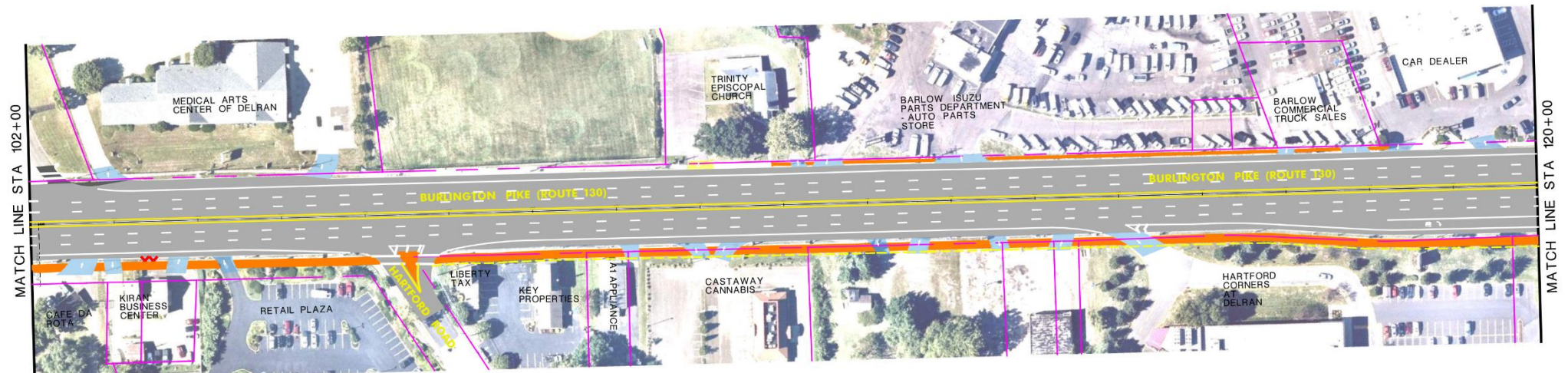
Preliminary Preferred Alternative



Preliminary Preferred Alternative



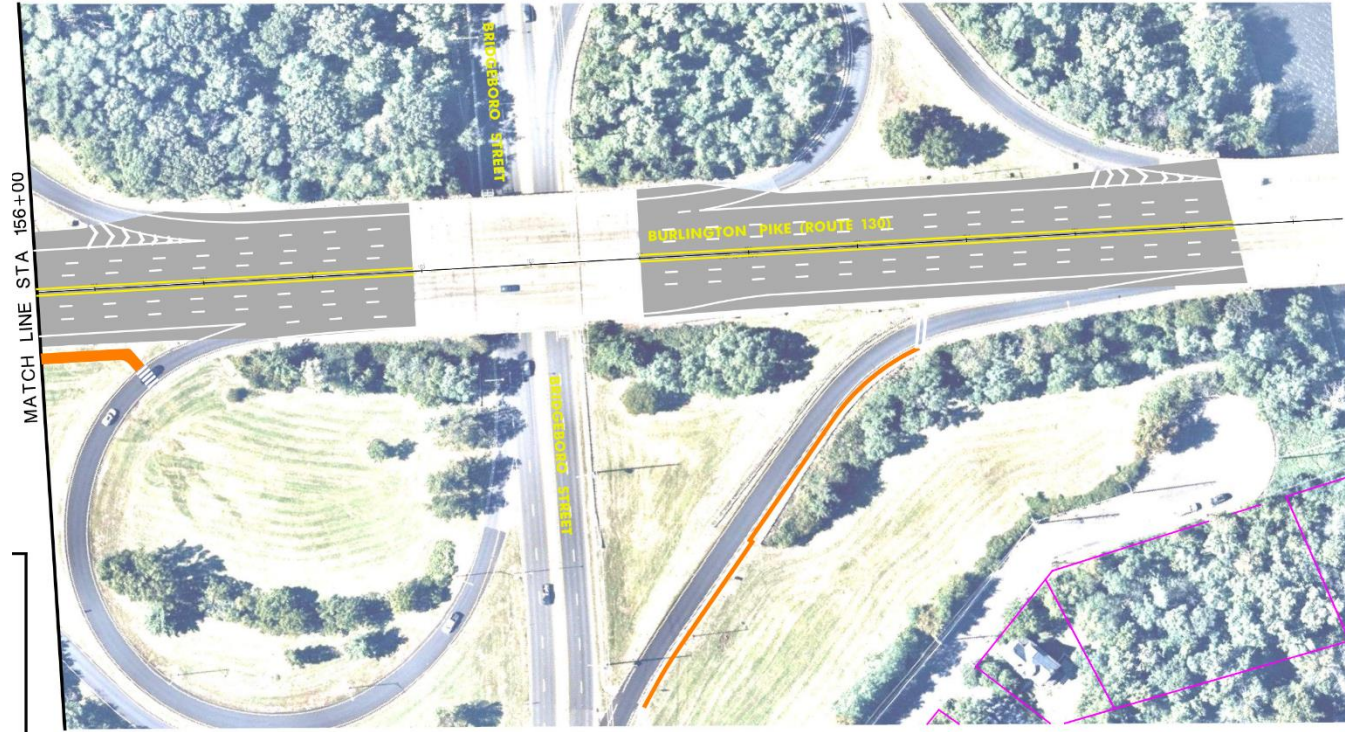
Preliminary Preferred Alternative



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Preliminary Preferred Alternative



Preliminary Preferred Alternative

Creek Road

Existing

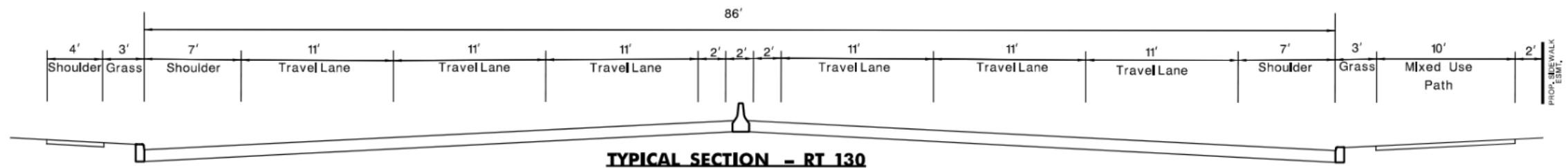


Proposed



Preliminary Preferred Alternatives

- Various Other Improvements Included
 - Complete missing segments of sidewalk
 - Upgrade curb ramps for ADA compliance
 - Stripe high visibility crosswalks
 - Upgrade/replace traffic signals and modify timings to improve operations
 - Install backplates at all traffic signals
 - Upgrade intersection lighting at traffic signals
 - Geometric improvements at Creek Road to eliminate weaving movement
 - Improve corner radius at Union Landing Road for large trucks
 - Upgrade traffic signals and median openings at midblock crossings
 - Install crash cushions at ends of median barrier



PPA Impacts

- Construction Staging & MPT
 - Staged construction completed with shoulder and/or single lane closures during working hours
 - Permitted lane closure hours overnight or midday only
 - Detour Creek Road/Bridgeboro Road ramp traffic during intersection modifications
 - Possible temporary signal timing modifications at Creek Road & Bridgeboro Road intersection during construction
 - Commercial driveway access needs to be coordinated with property owners (nighttime construction likely required)
- Right of Way
 - 5 partial fee takings
 - 36 permanent sidewalk easements
 - Reconstruction of over 80 driveway aprons
 - Potential impacts to parking at up to 6 commercial properties
 - Some will depend on grading design during FD phase



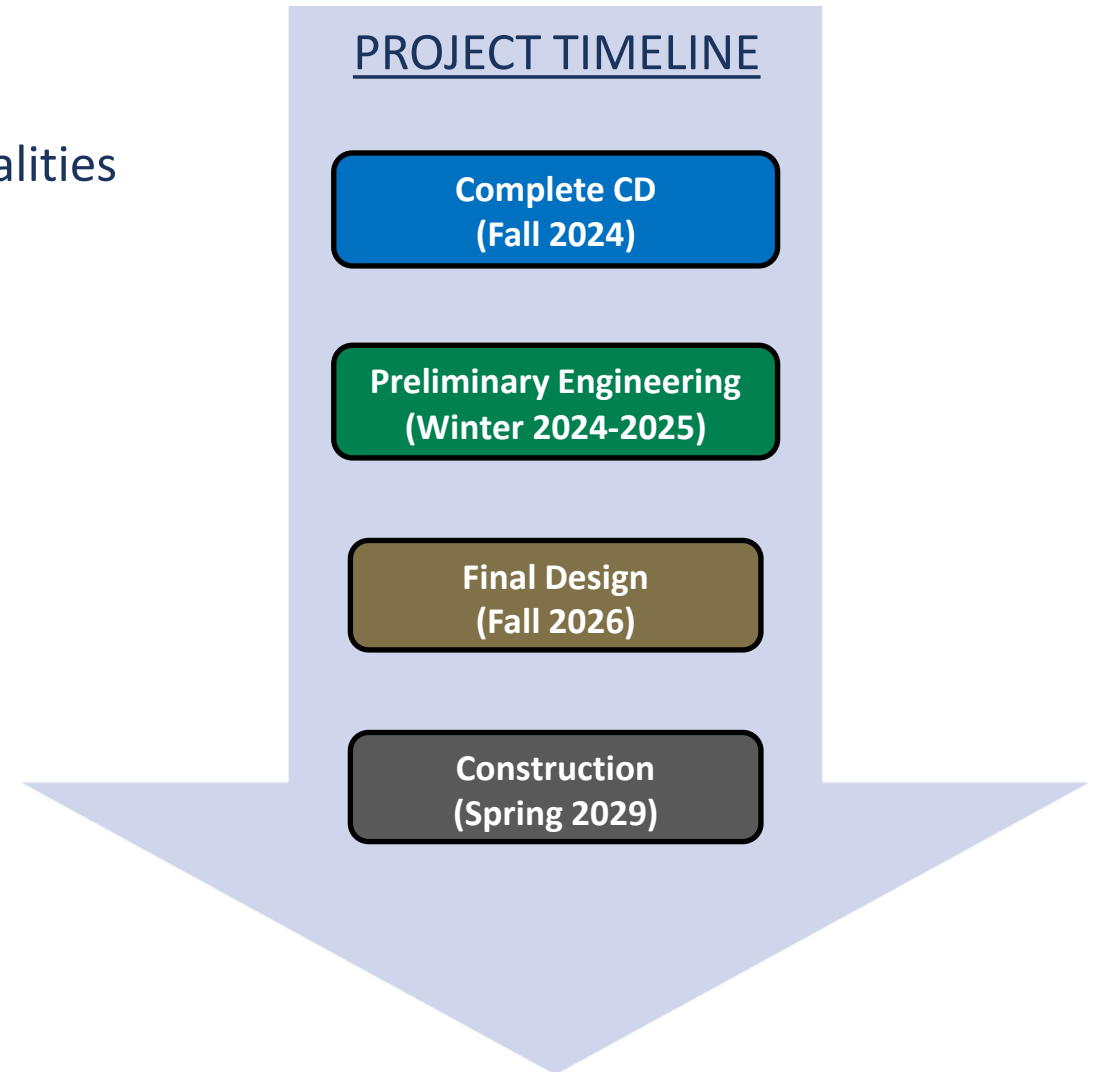
PPA Impacts

- Utilities
 - Relocate 8 utility poles
 - Install new lighting at traffic signals
- Environmental
 - Flood Hazard & Freshwater Wetlands permits needed for bridge extension - Structure Number: 0316151 (MP 39.44 near Haines Mill Rd)
 - Potential Green Acres involvement
 - Categorical Exclusion anticipated under NEPA
 - Major Development requiring stormwater management
 - Install pervious path with stone bed to absorb/recharge runoff
 - Soil testing will be done during FD



Schedule/Next Steps

- Complete Concept Development
 - Obtain Resolutions of Support from Municipalities
 - Complete CD Report
 - NJDOT Approves CD Report and authorizes advancement to Preliminary Engineering



Questions/Discussion



Project Contacts:

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Route 130 Pedestrian & Bicyclist Volumes		
Intersection	Bicycles	Pedestrians
Andover Rd. / Main Line Dr.	1	16
New Albany Rd. / Taylors Ln.	10	53
Tenby Chase Dr. / Manor Dr.	3	57
Millside Drive*	7	55
Haines Mill Road	7	27
Chester Avenue	4	11
Holy Cross Driveway*	6	3
Fairview Blvd. / Fairview St.	13	76

*Intersection is a signalized pedestrian only crossing.

12-hour turning movement counts were performed at each of the signalized intersections within the project limits on Tuesday, April 26, 2022 between 6:30am and 6:30pm, with total number of bicycles and pedestrians observed at each summarized in the table shown below. The number of bicycles shown represents the total number bicycles riding along Route 130 and those approaching Route 130 from the intersecting street. The number of pedestrians represents the total number of pedestrians either crossing Route 130 or the intersecting street.