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## Bay Road Pedestrian Path and Walking Trail Study

August 2023

# Summary of Findings

- Bay Road pedestrian network is incomplete; some adjacent roads also in need of improvement
- Pedestrian safety can be greatly improved by making small connections throughout the area
- Most important recommendations within half-mile radius; a few in broader area



### A. Bay Road Between Puncheon Run Connector and Transportation Circle (Eastern Side of Road)



The eastern side of Bay Road between the Puncheon Run Connector and Transportation Circle currently contains a shared use path, though it only extends across the frontage of MainStay Suites. To fully connect this section, the path should be extended southward as far as the American Legion Post, and as far north as the intersection with Transportation Circle. The path could then be connected to the other amenities recommended through this study, allowing for complete north-to-south access along Bay Road. Given that the path has already started in the right-of-way adjacent to Bay Road, this is the most logical place to continue the route.

The intersection with Stover Boulevard is also a potential location for a crosswalk from one side of Bay Road to the other, though due to the shape of the intersection, it may be more feasible to do this further to the north. The benefits and constraints of a crosswalk at this location would need to be looked into further before such a change is made.



Figure 13 (l): Bay Road in front of the Blue Hen Corporate Center, facing northward.

Figure 14 (r): A map depicting the sections of Bay Road (between Puncheon Run Connector and Transportation Circle) in need of increased pedestrian connectivity. The eastern section of the road is highlighted in a gray-tinted polygon.



Figure 15: A rendering of the proposed shared use paths along Bay Road between Puncheon Run Connector and Transportation Circle, eastern side of road. Created using Streetmix.

### B. Bay Road Between Transportation Circle and Blue Hen Boulevard (Eastern Side of Road)



The section of Bay Road between Transportation Circle and Blue Hen Boulevard completely lacks pedestrian amenities. Building off the changes previously discussed, the shared use path could be continued from the intersection with Transportation Circle and move northward across the frontage of the Blue Hen Corporate Center. Using the right-of-way for this change would not require additional property acquisition, which is why it would likely be the most practical solution. Although the intersections with Transportation Circle and Blue Hen Boulevard already contain some crosswalks, it would be beneficial to complete the network at each intersection. This “rectangle” of crosswalks would allow pedestrians to cross Bay Road with relative ease.

It was determined that creating a path through the parking area of the Blue Hen Corporate Center would not be feasible. First, it would be the responsibility of the property owners to create and maintain these amenities, which makes it less likely to occur. In addition, it would not completely remove bicyclists from the path of motor vehicles moving through the parking area. For these reasons, it is not viewed as the most practical solution.



Figure 16 (l): Bay Road in front of Wayback Burgers, facing northward.

Figure 17 (r): A map depicting the sections of Bay Road (between Transportation Circle and Blue Hen Boulevard) in need of increased pedestrian connectivity. The eastern section of the road is highlighted in a gray-tinted polygon.

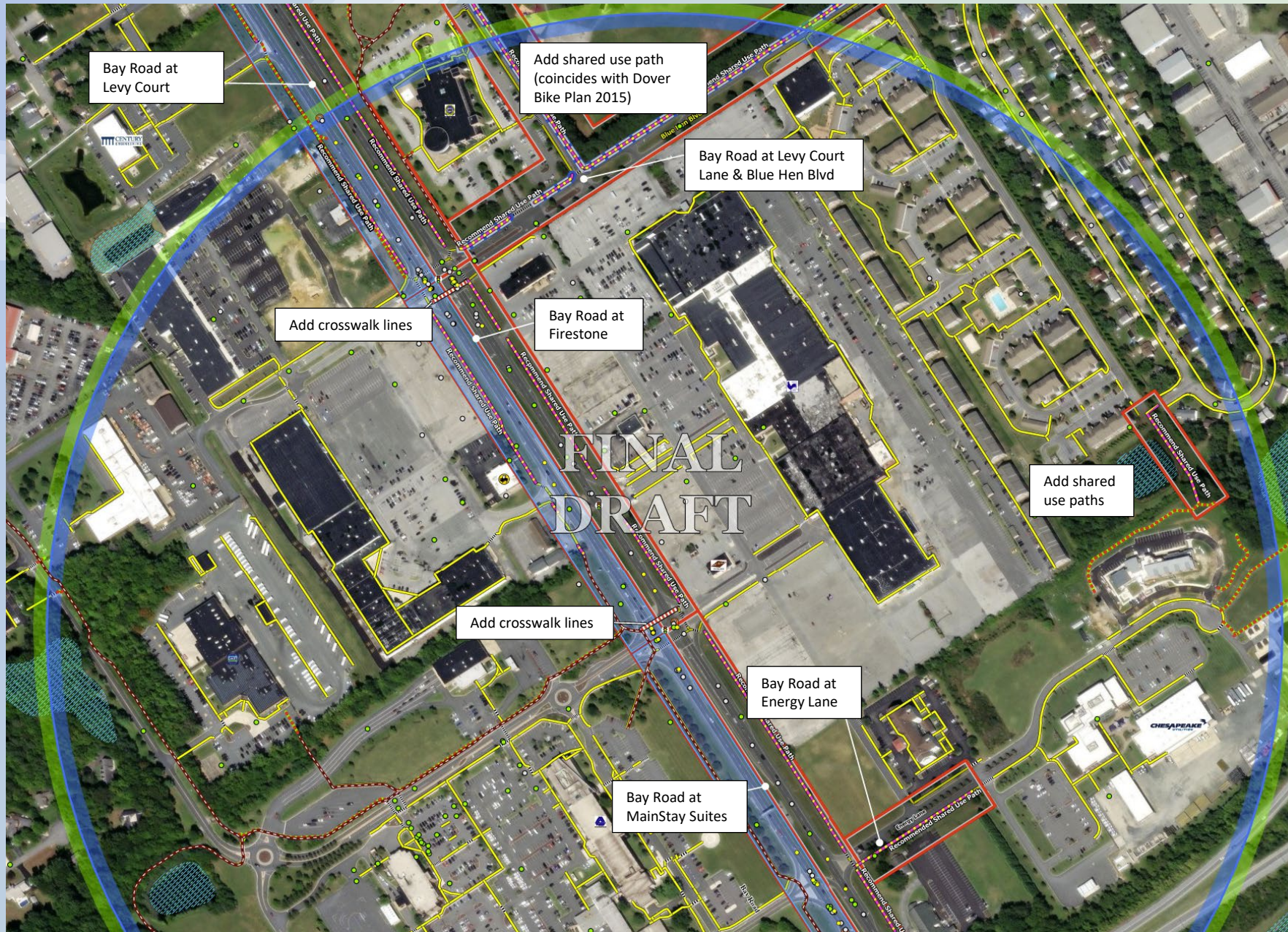


Figure 18: A rendering of the proposed shared use paths along Bay Road between Transportation Circle and Blue Hen Boulevard, eastern side of road. Created using Streetmix.

# Crash Data Clusters (2017-2022)



# Recommended Improvements



# Bay Road Pedestrian Path and Walking Trail Study

A list of locations along Bay Road in Dover where improvements to the pedestrian network are needed. Includes the type of improvement, the status of the improvement, and the benefits that would result from it.

## Bay Road in front of Blue Hen Mall (eastern side of road)



Type of Improvement: Shared-use path  
Benefit: Safer conditions for pedestrians and bicyclists, connectivity

Status: Partially completed

## Bay Road in front of Baycourt Plaza (western side of road)



Type of Improvement: Shared-use path  
Benefit: Safer conditions for pedestrians and bicyclists, connectivity

Status: Partially completed; recommended in Dover Bike/Ped Plan

## Connection between Energy Lane and Village at Blue Hen



Type of Improvement: Shared-use path  
Benefit: Better connectivity

Not Scheduled



## Connection between DSWA Environmental Education Center and Haslet Street



Type of Improvement: Shared-use path  
Benefit: Better connectivity

Not Scheduled

## Energy Lane (northern side of road)



Type of Improvement: Sidewalk  
Benefit: Better connectivity

Status: Partially completed

## Bay Road in front of Homeland Security (western side of road)



Type of Improvement: Sidewalk, Shared-use path  
Benefit: Safer conditions for pedestrians and bicyclists, connectivity

Partially completed; required by City of Dover building permit

## Blue Hen Boulevard (northern side of road)



Type of Improvement: Shared-use path  
Benefit: Safer conditions for pedestrians and bicyclists, connectivity

Not Scheduled

## Levy Court Lane (eastern side of road)



Type of Improvement: Shared-use path  
Benefit: Safer conditions for pedestrians, connectivity

Not Scheduled

## Bay Road in front of Levy Court offices (eastern side of road)



Type of Improvement: Shared-use path  
Benefit: Safer conditions for bicyclists (walking trail does not allow bikes)

Not Scheduled

# Current Timeline

- PAC presentation – August 10
- TAC presentation – August 15
- MPO Council presentation – September 6
- Other presentations – TBD



Questions?

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Thank you!