

Transportation Chapter of Master Plan

DOVER 2023 Building Our Tomorrow

City of Dover

November 2, 2015

Public Workshop

Tonight's Workshop will include:

- Vision and Purpose
- Existing Data (summarized on maps)
- Warm-up Exercise
- Workshop (1 hour)
 - Issues and Opportunities
 - 3 Work Stations
 - Traffic Congestion/Crash Locations
 - Transit/Bike/Pedestrian Connectivity
 - Neighborhoods/Traffic Calming/ Land Use Patterns
 - Brief Report Back
- Wrap-up

Vision and Purpose

The City's Transportation Vision

Dover has an excellent and fully interconnected transportation system for pedestrians, bicyclists, motor vehicles and a public transportation system that is supportive of, and responsive to, new technology and continuous improvement.



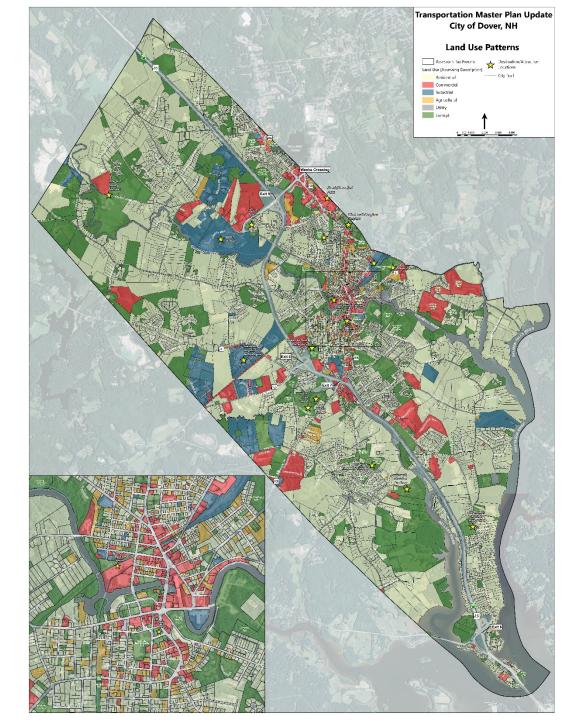
Our Purpose

The Transportation Chapter of the Master Plan is intended to identify the transportation actions needed over the next ten years to realize the City's transportation vision.



Existing Data

Land Use Patterns



Traffic Calming

TRAFFIC CALMING

Traffic Calming Is The Use Of Mainly Physical Measures To:

- * Reduce the negative impacts of motor vehicle use
- * Alter driver behavior
- * Improve conditions for non-motorized street users

OBJECTIVES:

- * Slow speeds
- * Reduce frequency and severity of collisions
- * Increase safety for non-motorized users of the street

CHICANE

- * Reduce need for police enforcement
- * Enhance street environment
- * Increase access for all modes
- * Reduce cut-through motor vehicle travel

GOALS:

- * Increase quality of life
- * Incorporate preferences of people using the area along the street
- * Create safe and attractive streets
- * Reduce negative effects of motor vehicles
- * Promote pedestrian, cycle and transit use

SPEED HUMP



rb extension at midblock or int neer assent are care exterision at manifest or a intersection convers that narrow a streat by extending the sidewalk or widening the demiling strip and give the perception that speech should be reduce Neck-downs can be applied at cross walks to reduce the distances o gned to narrow road to 20 feet for two-way traffic and

Typical Cest. Approximately \$8,000 to \$15,000

RAISED CROSSWALK





Roised crosswatts: are stangahed speed homps with a flat section in the moldle and ramps on the ends. Speed tobles are typically 32 feet long in the direction of travel with a 10 ford the textion end 6 ford ramps on either and. Similar to speed humps the height typically range fron 3 to inches.

(ypical cest. 13,000 to \$6,000 for asphalt tables. Will be much higher to other t uch as brickwork, stamped

TEXTURED TREATMENTS



ENHANCED CROSSWALK

TRAFFIC CALMING TOOLBOX



dy \$10,000 to \$15,000 (

Typical Cost Approximately \$2,000 to \$5,000

ps are raised areas in no performance of the perfor

Typical cost. \$2,000 to \$3,000 per hum

ROUNDABOUT



Typical Cost.

GATEWAYS





RAISED INTERSECTION



iddle of the intersect sing though an inter

Typical Cost. Reported costs range from \$20,000 to \$40,000

niced intersection

Centre island narrowing are raised islands located along the conterlise of storet bluet narrows the travel lanss at these locations. Median barrier can used at interactions to prohibit light turns from the major read onto the m raad in which case are most successful if the mobilen is carried (or a long

LIGHTING



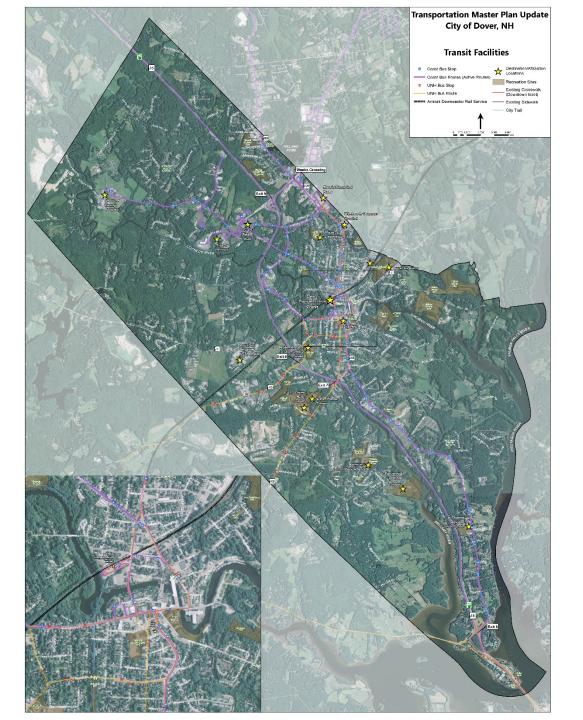


wised even with the curb with

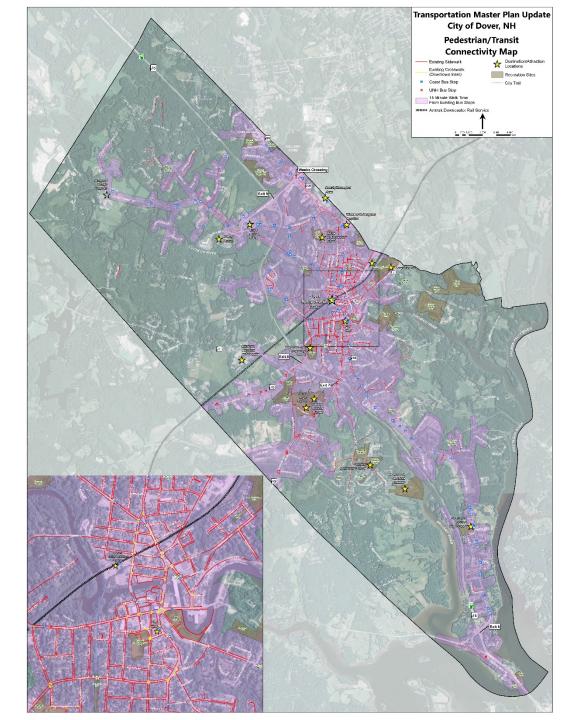
MEDIAN TREATMENT & TRAFFIC

Typical Cast. Costs have ranged from \$25,000 to \$50,000

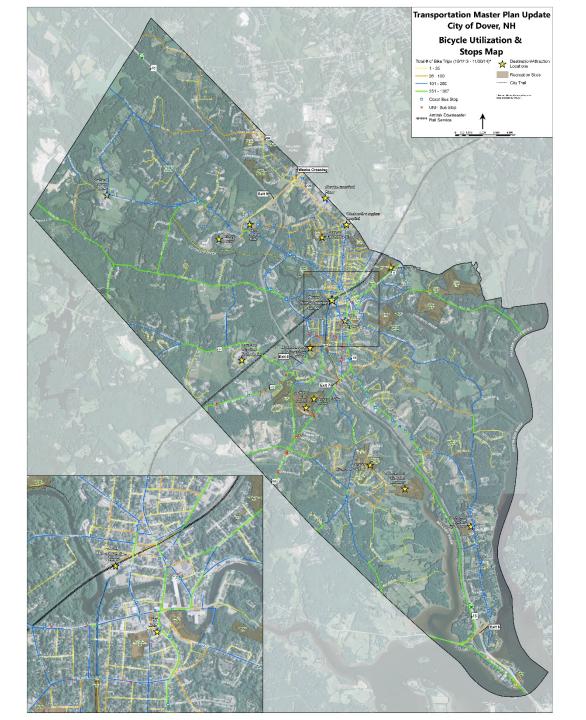
Transit Facilities



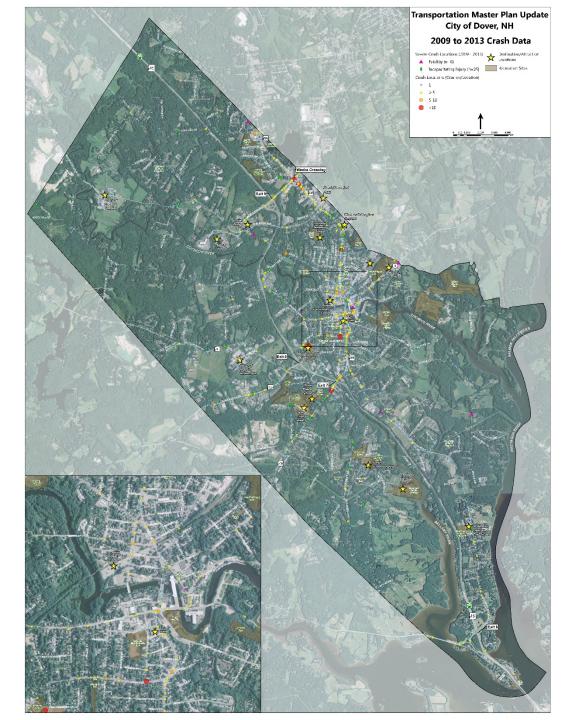
Pedestrian and Transit



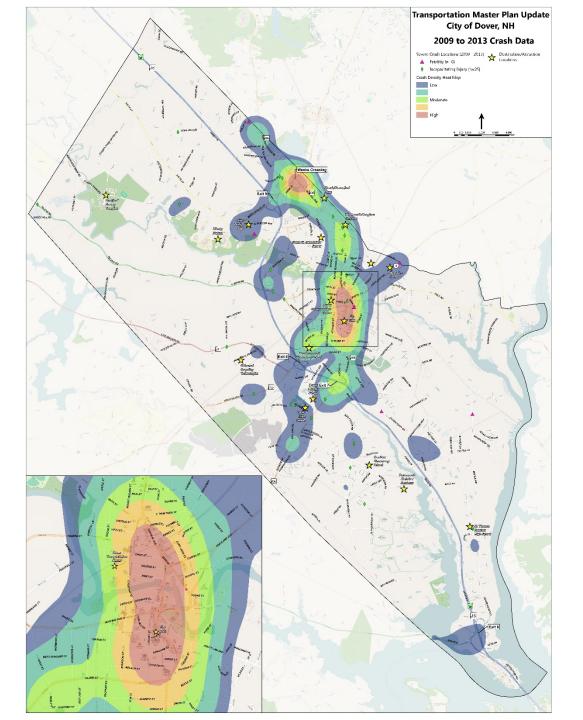
Bicycle Utilization



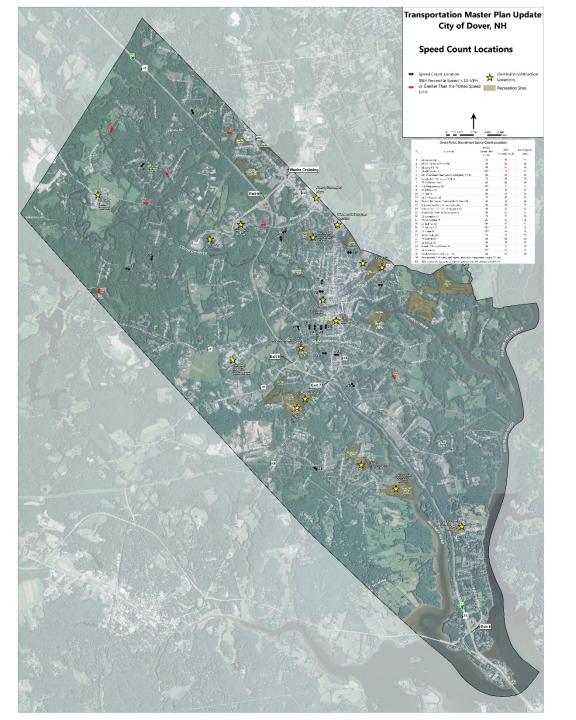
Vehicle Crash Locations



Vehicle Crash Heat Map



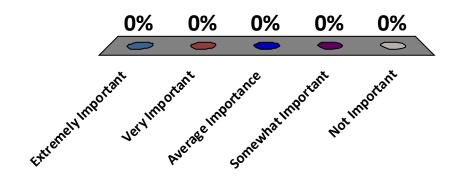
Vehicle Speeds



Warm-up Exercise

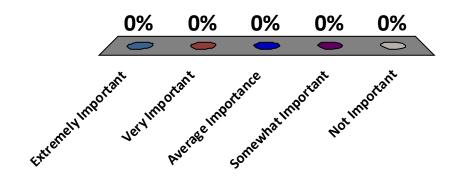
How important is vehicular mobility?

- A. Extremely Important
- B. Very Important
- C. Average Importance
- D. Somewhat Important
- E. Not Important



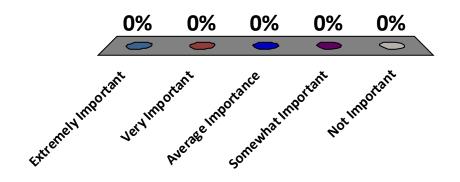
How important is pedestrian mobility?

- A. Extremely Important
- B. Very Important
- C. Average Importance
- D. Somewhat Important
- E. Not Important



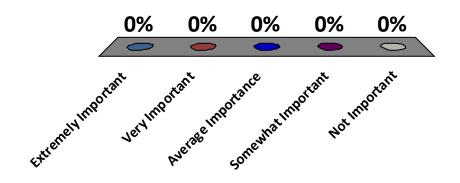
How important is bicycle mobility?

- A. Extremely Important
- B. Very Important
- C. Average Importance
- D. Somewhat Important
- E. Not Important



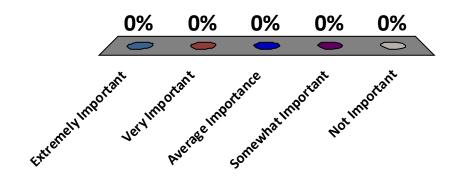
How important is access to bus service?

- A. Extremely Important
- B. Very Important
- C. Average Importance
- D. Somewhat Important
- E. Not Important



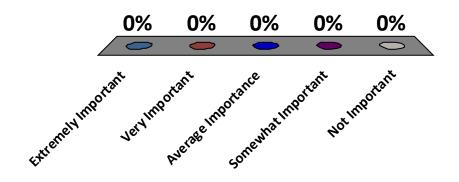
How important is access to train service?

- A. Extremely Important
- B. Very Important
- C. Average Importance
- D. Somewhat Important
- E. Not Important



How important is convenient parking?

- A. Extremely Important
- B. Very Important
- C. Average Importance
- D. Somewhat Important
- E. Not Important



Workshop

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Wrap-up



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