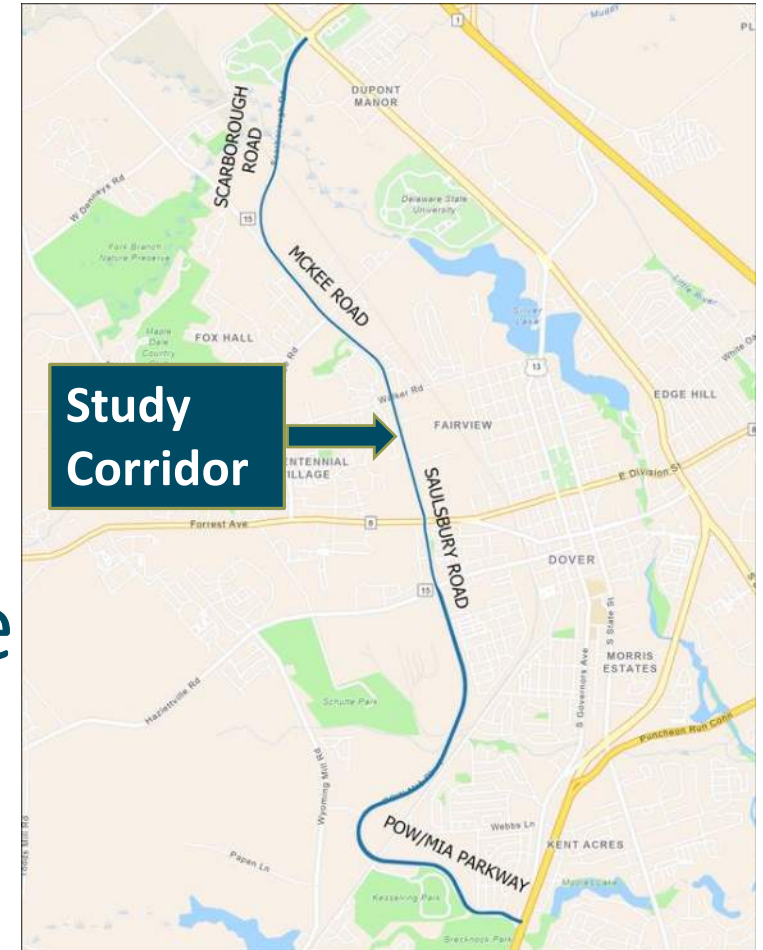


Welcome
to the

McKee/Saulsbury Road Study

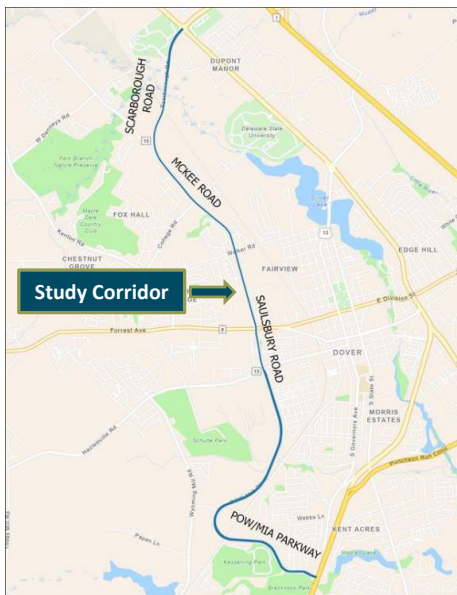
Technical Advisory Committee
April 18, 2023



Study Area

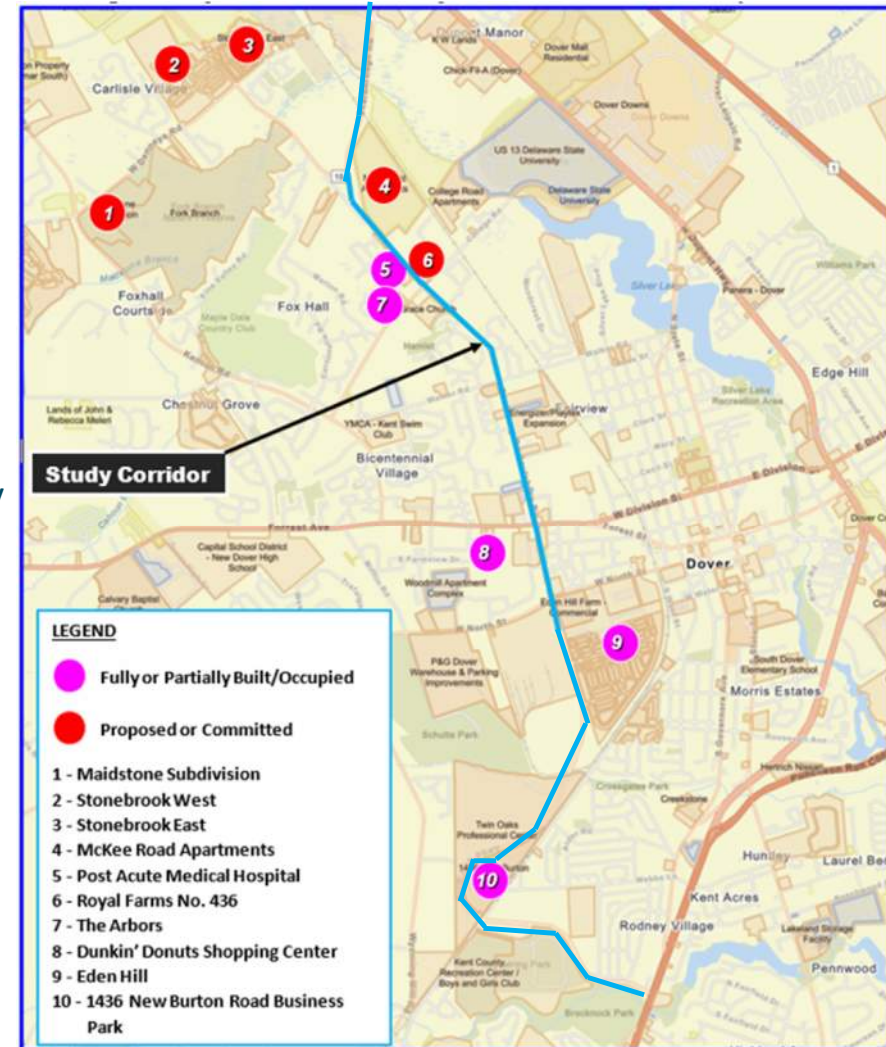
McKee/Saulsbury Road -

- From US 13 at Scarborough Road
- To US 13 at POW-MIA Parkway



Purpose & Need

To proactively address the future capacity needs of the McKee/Saulsbury Road corridor brought about by planned and anticipated future growth and development within the study area.



Public Workshop 1 October 12, 2022

Virtual via Zoom
23 Attendees

Presentation included:

Review of Study Area

Project Purpose and Need

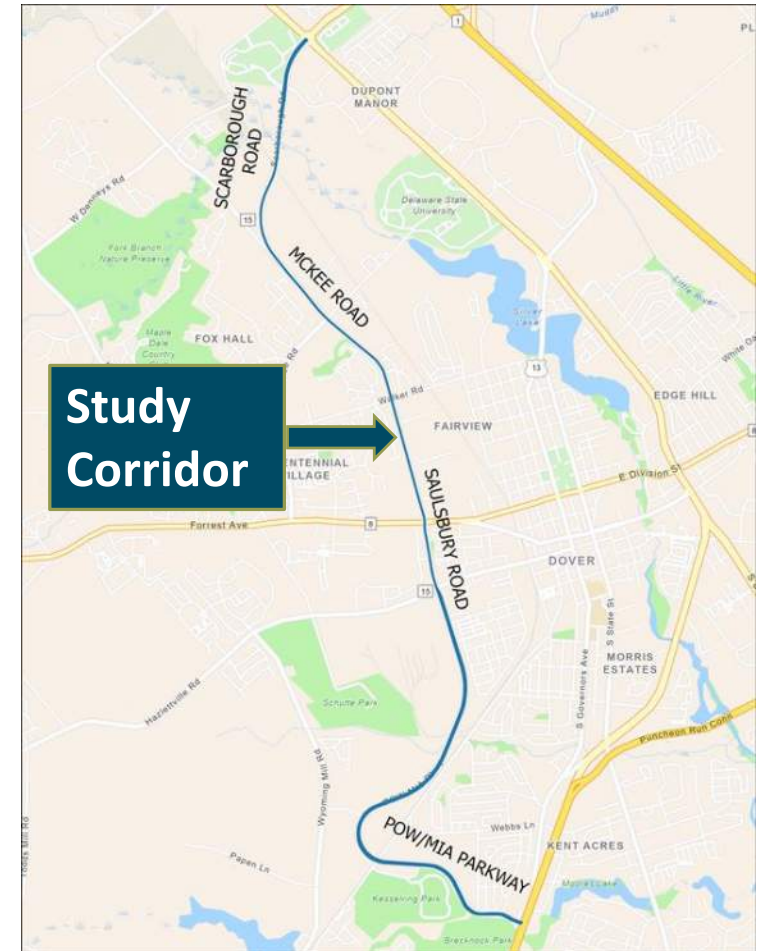
Summary of Current Area DelDOT Projects & MPO Studies

Traffic Volumes

Crashes

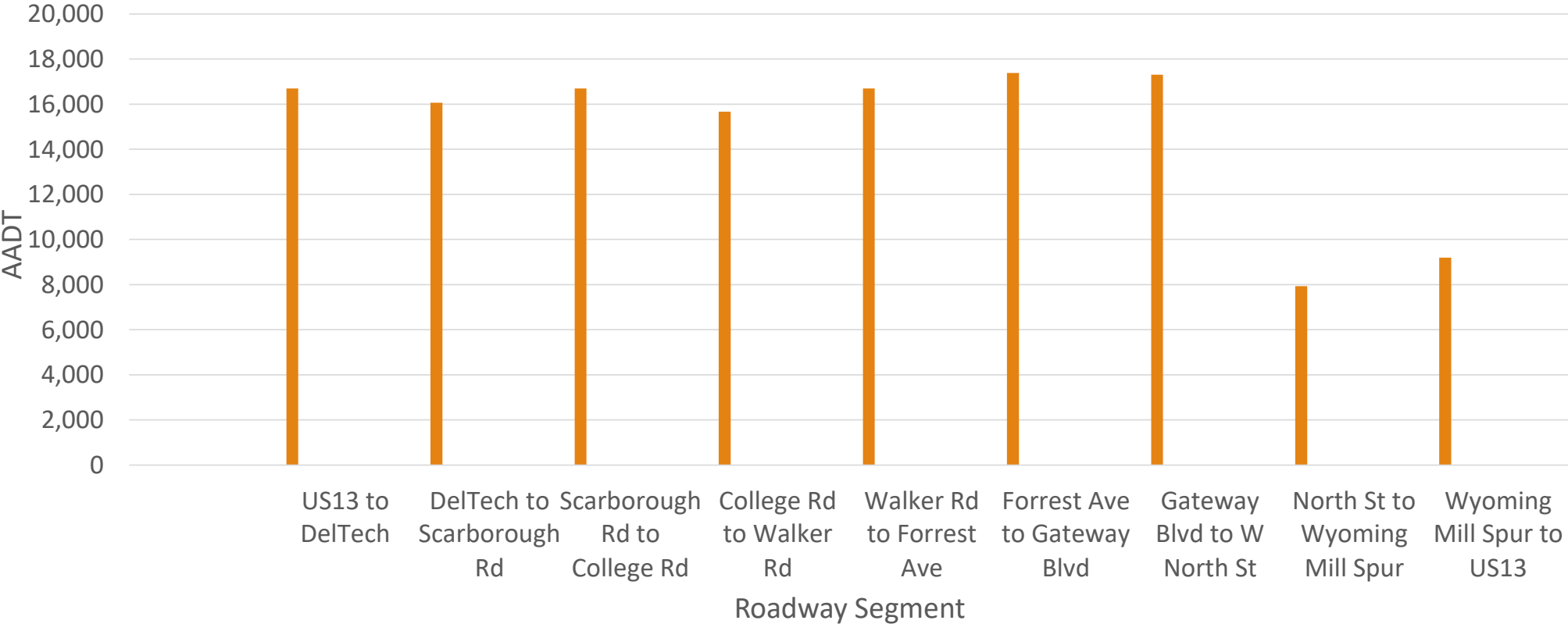
LOS Proposed Development & Transportation Improvements

Visioning Exercise



Traffic Volumes

2022 Annual Average Daily Traffic (Vehicles per Day)



Crashes

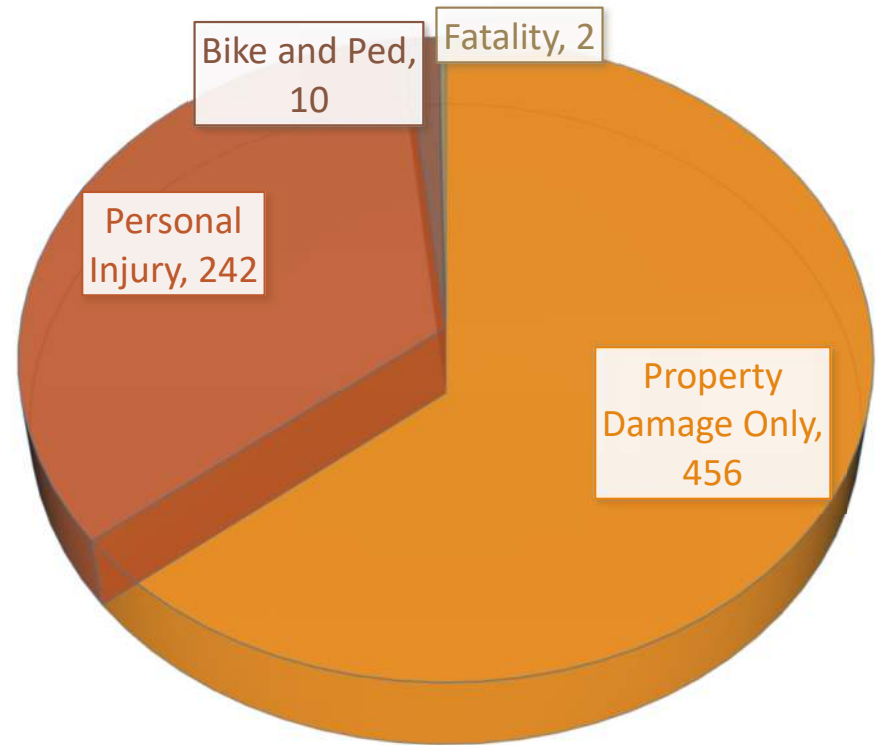
5 Year June 1, 2017 – June 1, 2022

Total Crashes 710

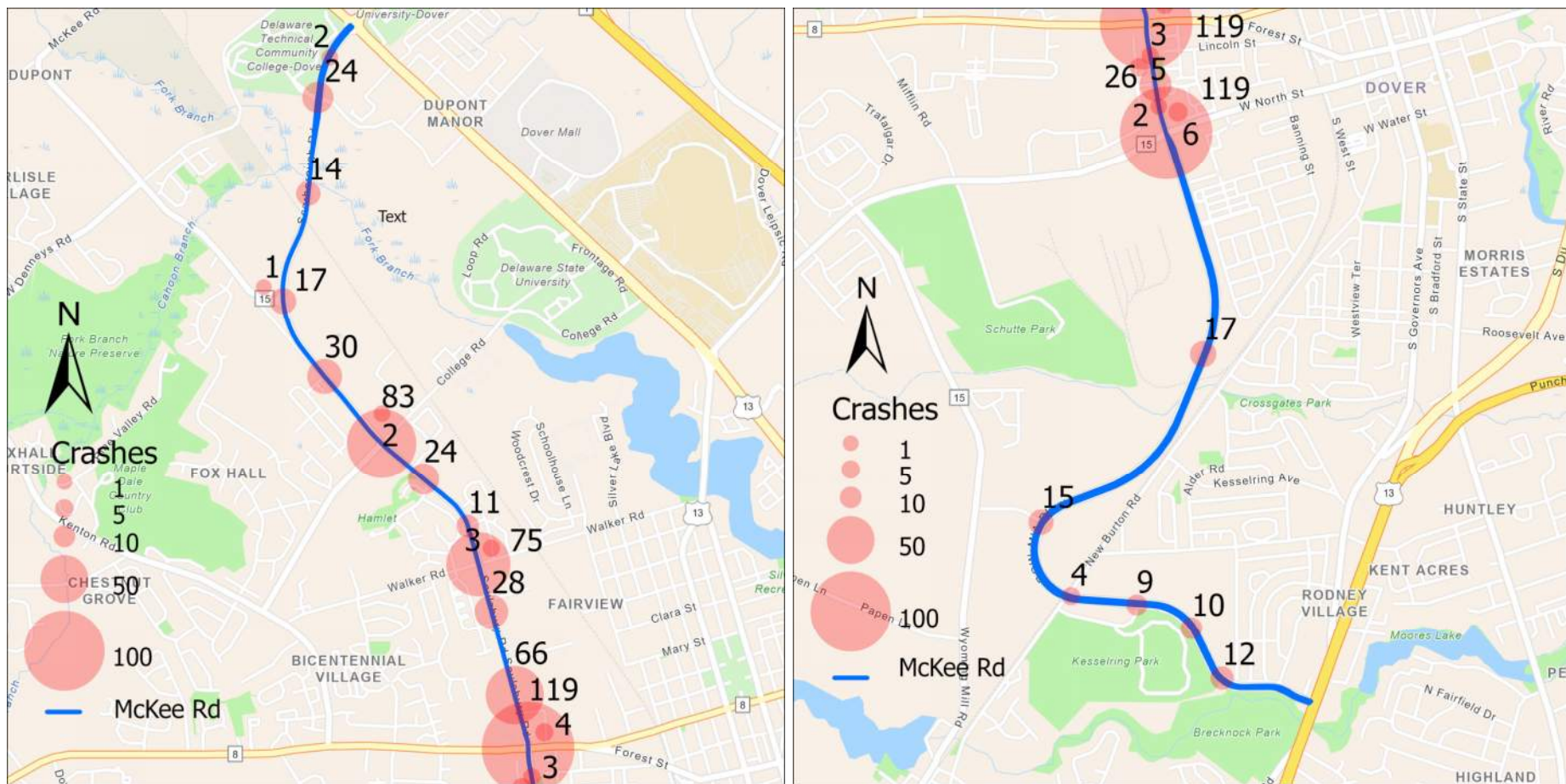
Crash Rates 2-Lane Urban Minor Arterials 2019

- Corridor 6.40
- Kent County 1.65
- Statewide 1.44

TOTAL CRASHES – 5 YEARS

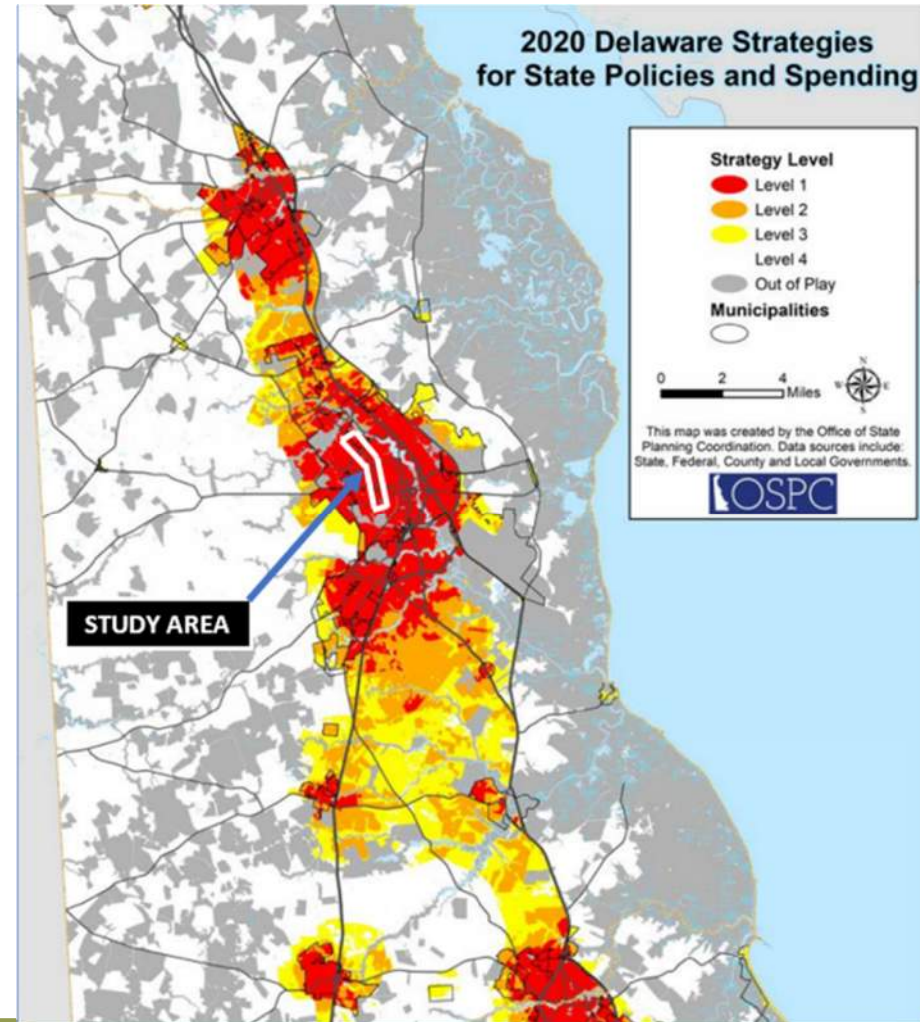


Crashes



2020 Strategies for State Policies and Spending

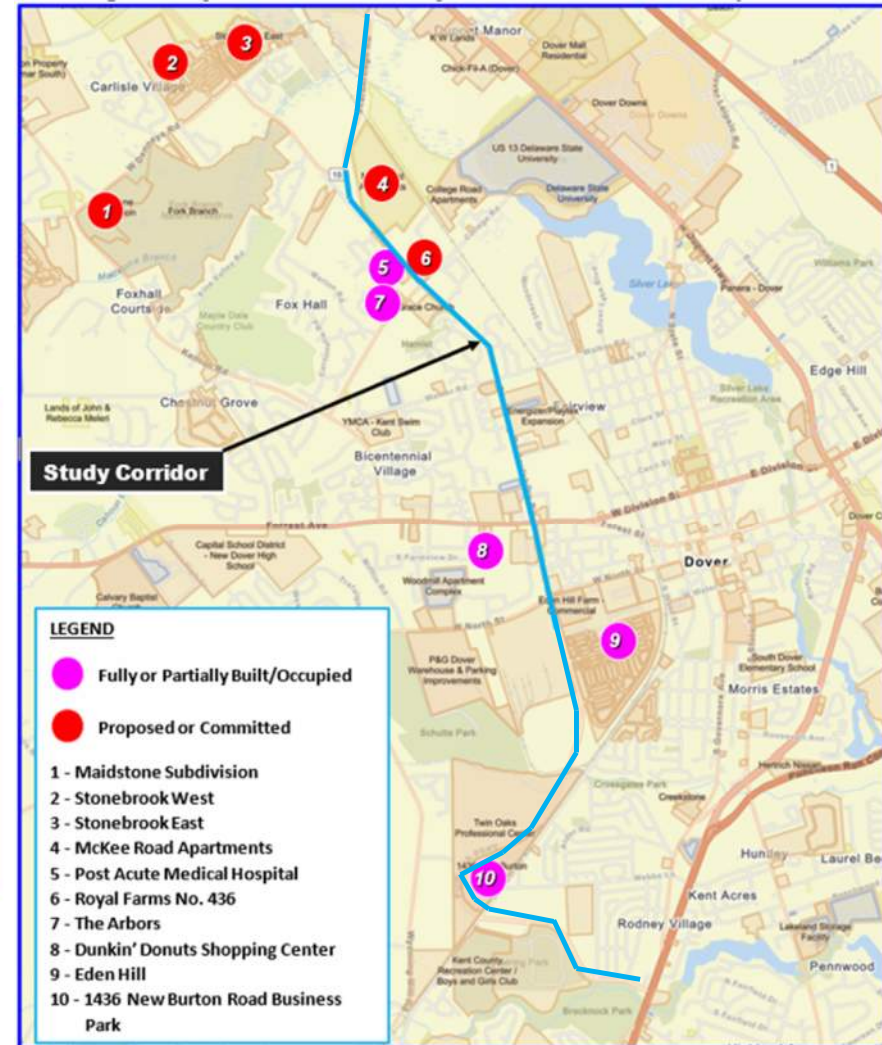
- Study Area Entirely within Investment Level 1 – Growth Expected and Encouraged
- 0.75% Per Annum Growth Rate (per DeIDOT) Applied to 2022 Traffic Counts to Obtain Future Turning Movement Counts
- Proposed and Committed Developments (per DeIDOT Planning) Included



Development Activity

Development	2022 Status	Proposed Buid Year	Traffic Volume Inclusion Level	Comments/Explanation
McKee Rd Apartments Development	Unbuilt	2025	100%	None
Royal Farms No. 436	Unbuilt	2022	100%	Unbuilt as of June 2022
New Burton Rd Business Park (Corrugated Packaging)	Built	N/A	50%	Operating at 50% Capacity. Full Capacity expected in 2023
Maidstone Subdivision	Unbuilt	Various*	100%	None
Stonebrook West	Unbuilt	Various*	100%	None
Stonebrook East	Unbuilt	Various*	100%	None
Post Acute Medical Hospital	Built	N/A	0%	Inclusive in 2022 traffic counts
The Arbors	Built	N/A	0%	Inclusive in 2022 traffic counts
Dunkin Donuts Shopping Center	Built	N/A	0%	Inclusive in 2022 traffic counts
Eden Hill	Unbuilt**	Various*	100%	100% as provided in TIS Studies

* Assumed 2025 and 2037 based on sensitivity analysis roadway capacity improvement triggers
 ** Portion of developments in the Traffic Impact Studies from DeIDOT Planning are still unbuilt as of June 2022



Public Workshop 2 March 9, 2023

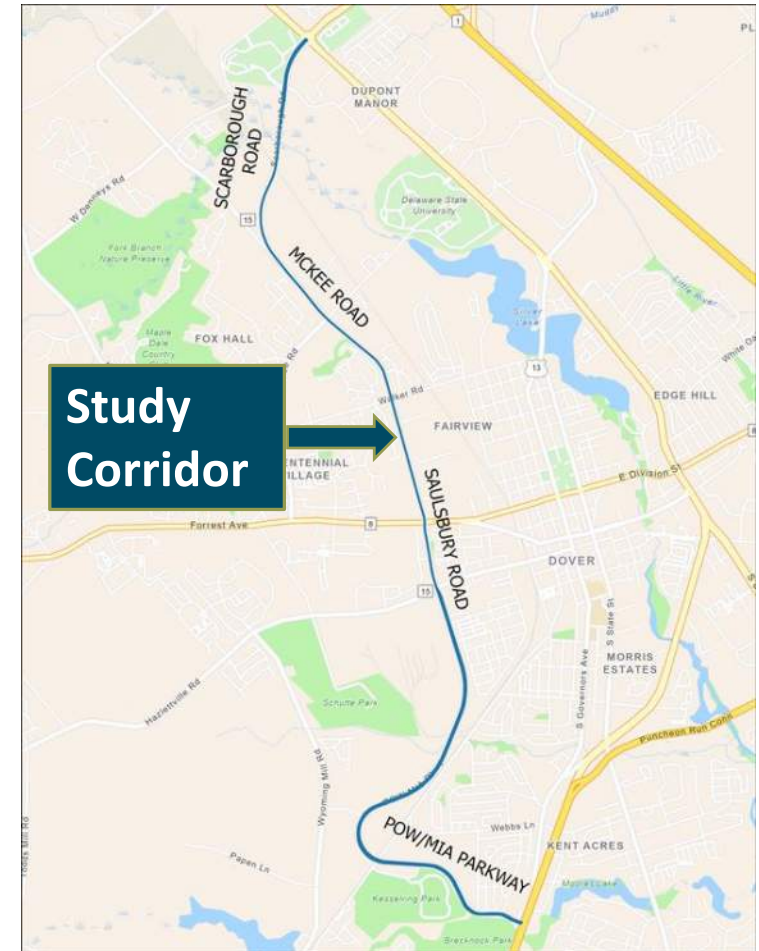
Elks Lodge, Saulsbury Rd
32 Attendees

Plans Display included:

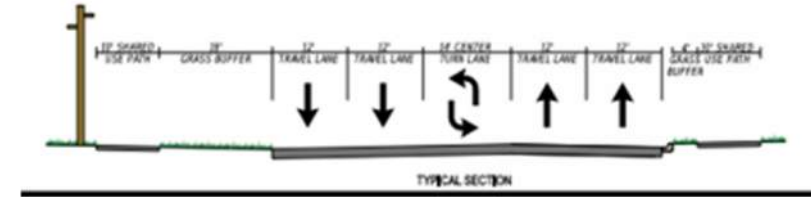
Concept Option 1

Concept Option 2

Concept Option 3



Option 1



Center Turn Lane

No Shoulders

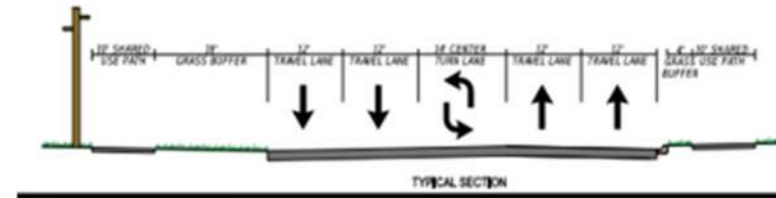
10' Shared Use Path on Both Sides

Option 1

Center Turn Lane

No Shoulders

10' Shared Use Path on Both Side

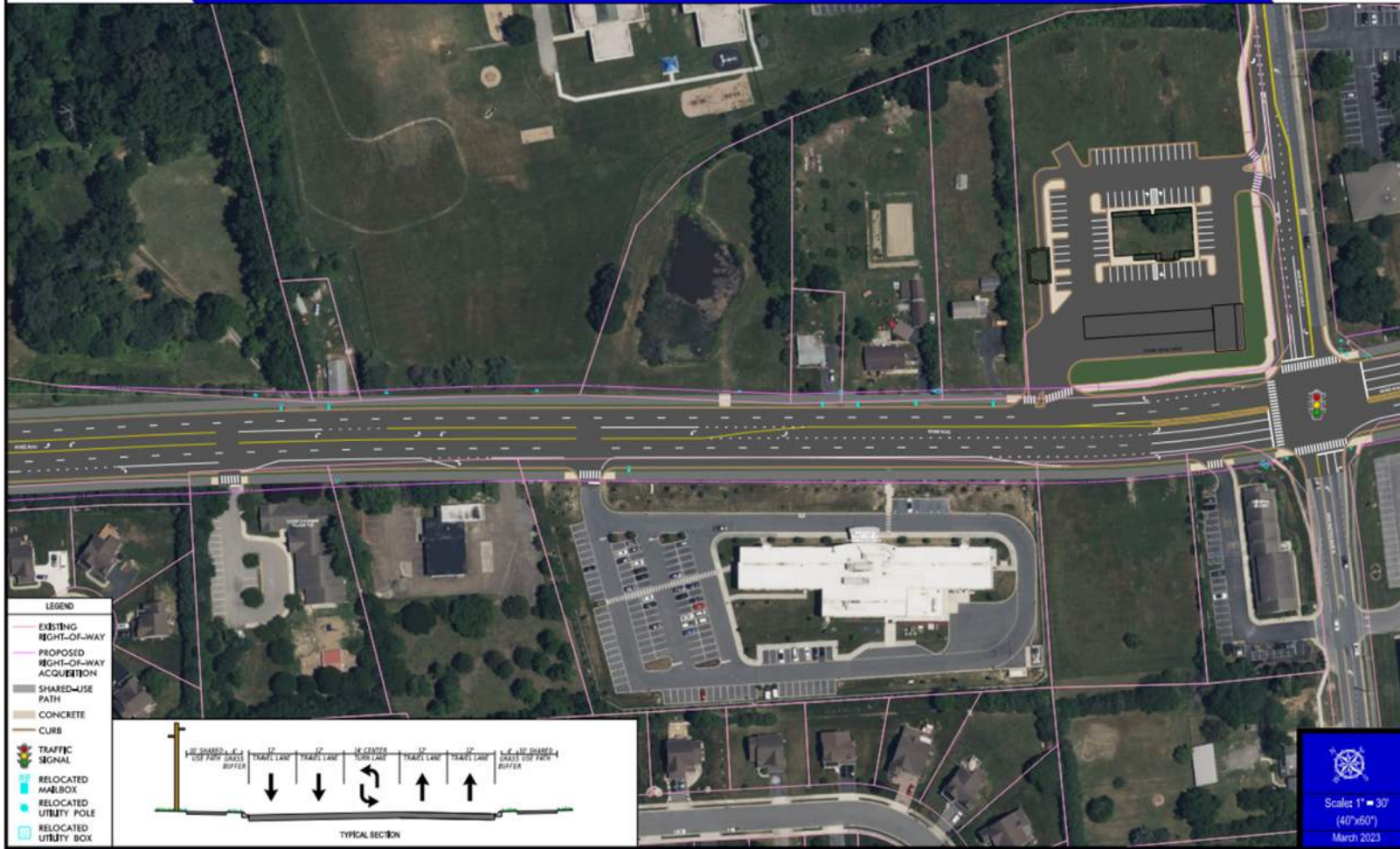


Benefits

- Dedicated left-turn lane
- Shared-use path on both sides of road

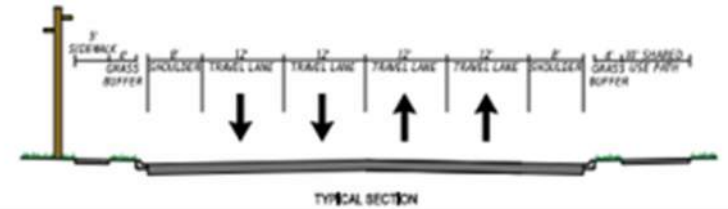
Disadvantages

- Lack of shoulders



Scale: 1" = 30'
(40'x60')
March 2023

Option 2



No Center Turn Lane

Shoulders on Both Sides

10' Shared Use Path on West Side

5' Sidewalk on East Side

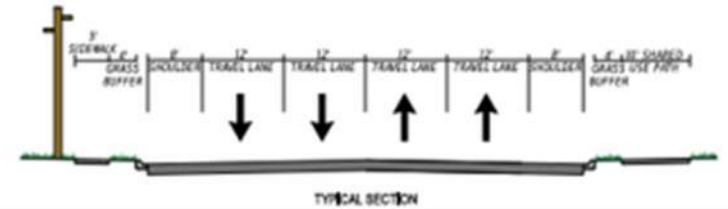
Option 2

No Center Turn Lane

Shoulders on Both sides

10' Shared Use Path on West Side

5' Sidewalk on East Side

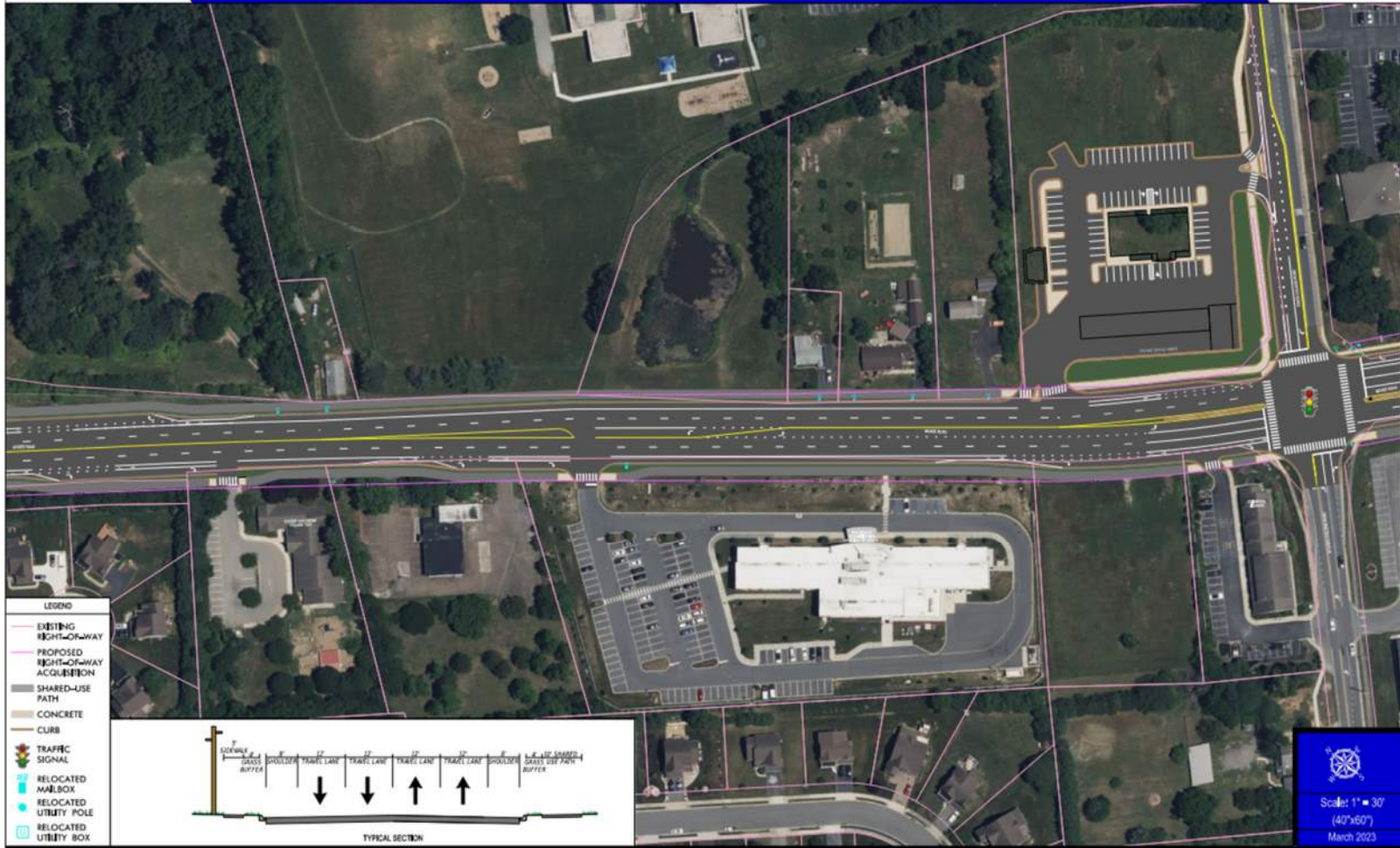


Benefits

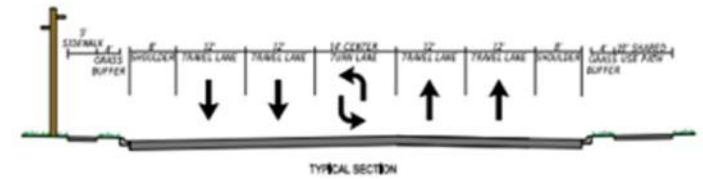
- Shoulders on both sides of road
- Shared-use path on one side of road
- Sidewalk on one side of road

Disadvantages

- No dedicated left-turn lane



Option 3



Center Turn Lane

Shoulders on Both Sides

10' Shared Use Path on West Side

5' Sidewalk on East Side



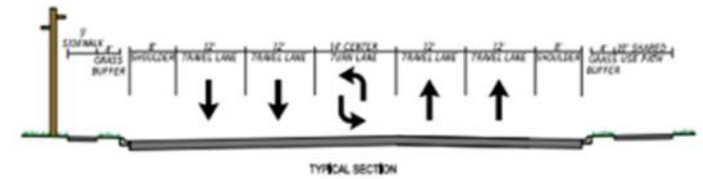
Option 3

Center Turn Lane

Shoulders on Both sides

10' Shared Use Path on West Side

5' Sidewalk on East Side



Benefits

- Dedicated left-turn lane
- Shoulders on both sides of road
- Shared-use path on one side of road
- Sidewalk on one side of road

Disadvantages

- Requires most ROW

**MCKEE ROAD & SAULSBURY ROAD CONCEPTUAL STUDY
OPTION 3 - SHOULDERS, CENTER TURN LANE, 10' PATH & 5' SIDEWALK**

BOARD 3 OF 7



Schedule & Next Steps



Thank you!

James Galvin, AICP

Dover/Kent Co MPO

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