N. Walnut St./N. Rehoboth Blvd./10th St. Intersection Study Public Advisory Committee June 8, 2023







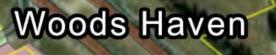


Study Area









SHIGERO FISIN



Features

Poplar St

- Study Area
- Parcels

Sto Office

- Historic Sites
- Schools
- Playgrounds

Zoning

- Highway Commercial
- Residential
- Garden Apartment & Townhouse
- General Industrial
- Institutional Development
- Limited Industrial
- Neighborhood Commercial
- Office Building
- Single Family Residential



- Milford Comprehensive Plan





Project Goals Analyze connectivity between Milford Senior High School, Milford Central Academy, and residential communities to the south

• Evaluate intersection improvements and/or road reconfigurations to improve mobility for pedestrians, cyclists and motorists

Implement elements from the Milford Bicycle Master Plan and the











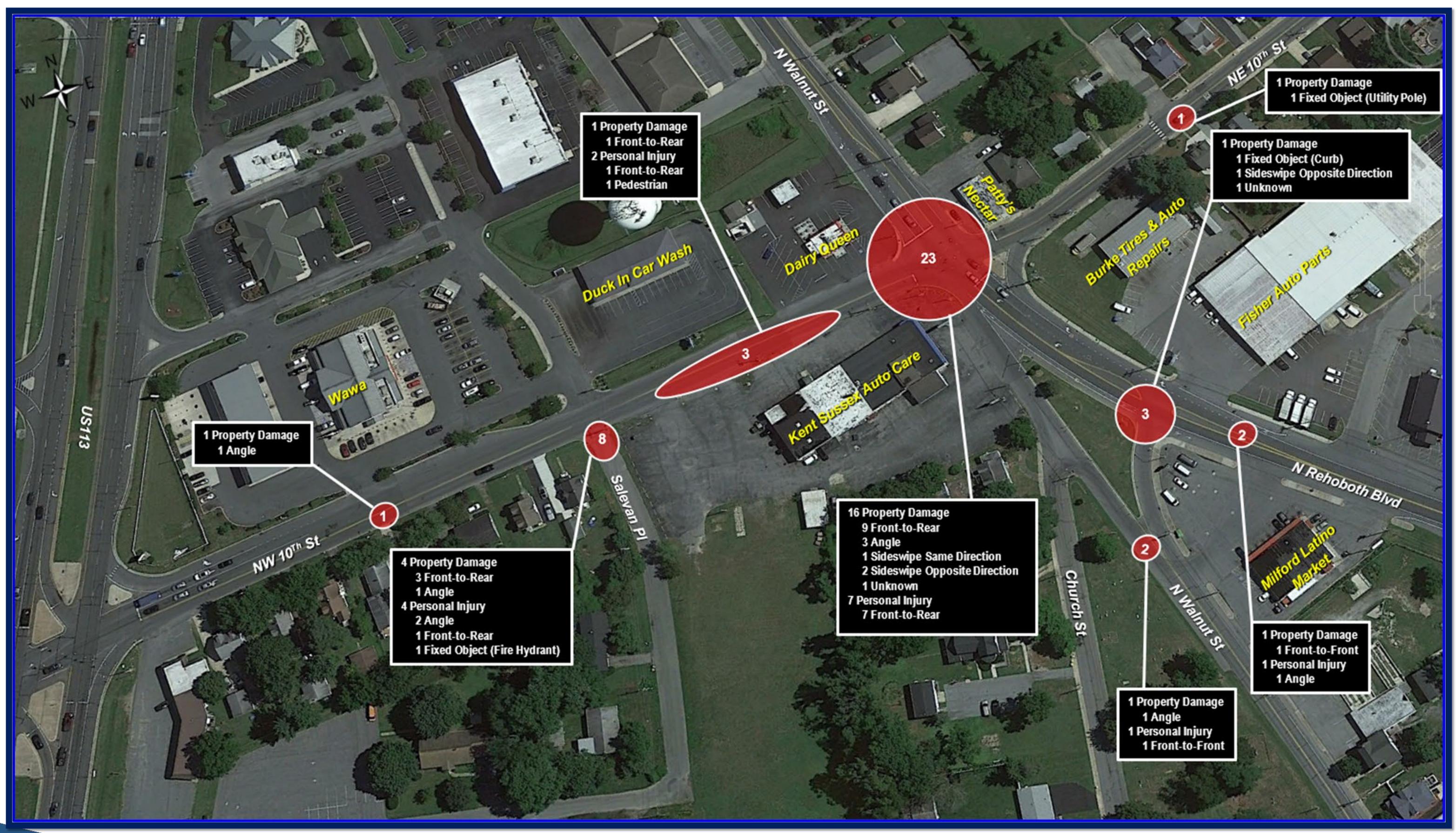




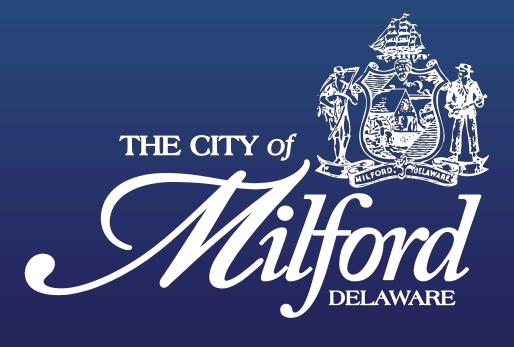










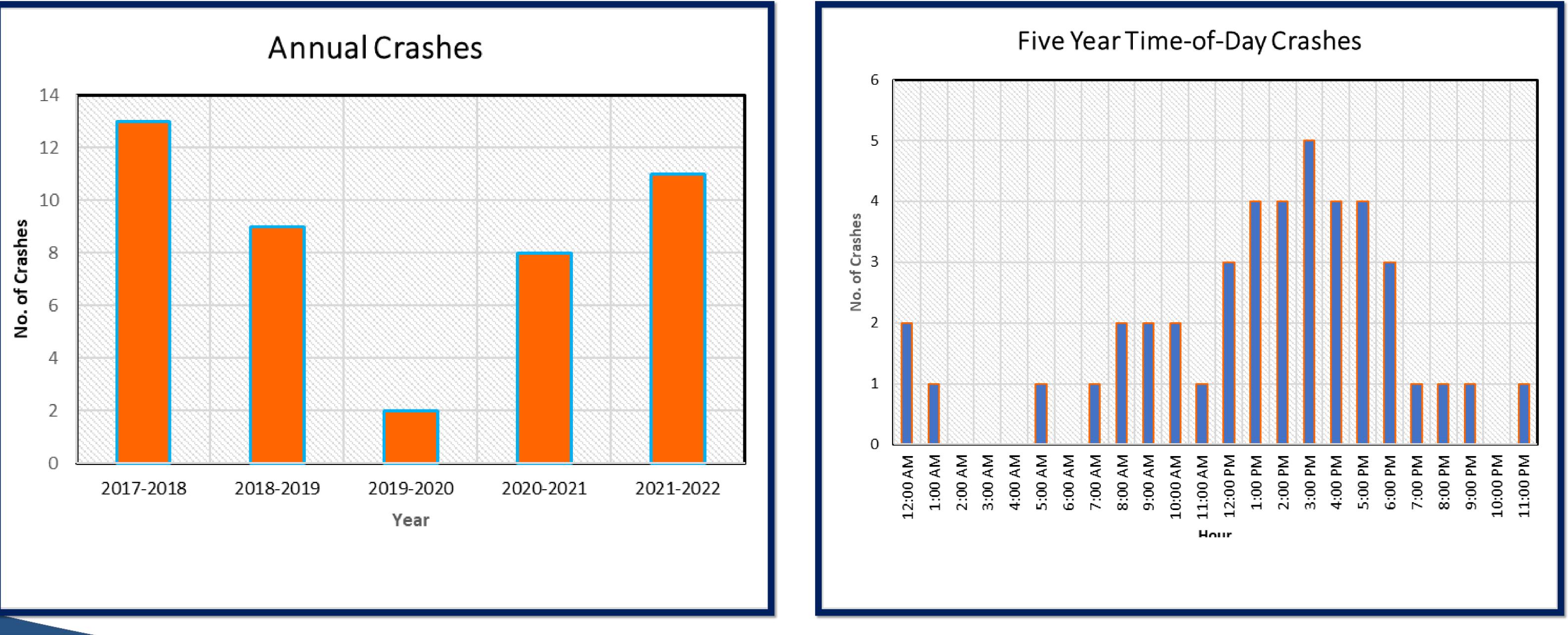


Existing Crash Data





- No fatal crashes





Existing Crash Data • Crash data analyzed from November 10, 2017 through November 10, 2022 • Crash data study area 0.1-mile radius from intersection • 43 crashes occurred / 23 crashes occurred at the intersection







	Level of Service	Criteria	
1.08	Delay (Seconds per Vehicle)		
LOS	Signalized	Unsignalized	
Α	0 to 10	0 to 10	
В	>10 to 20	>10 to 15	
С	>20 to 35	>15 to 25	
D	>35 to 55	>25 to 35	
E	>55 to 80	>35 to 50	
F	>80	>50	

SB N. Walı	nut St	SB N. Wa	lnut St	SB N. Wa	lnut St
2022 Weekday AM		2022 Weekday		2022 Weekday PM	
Peak	Hour	Midday	Peak Hour	Pea	k Hour
Delay	LOS	Delay	LOS	Delay	LOS
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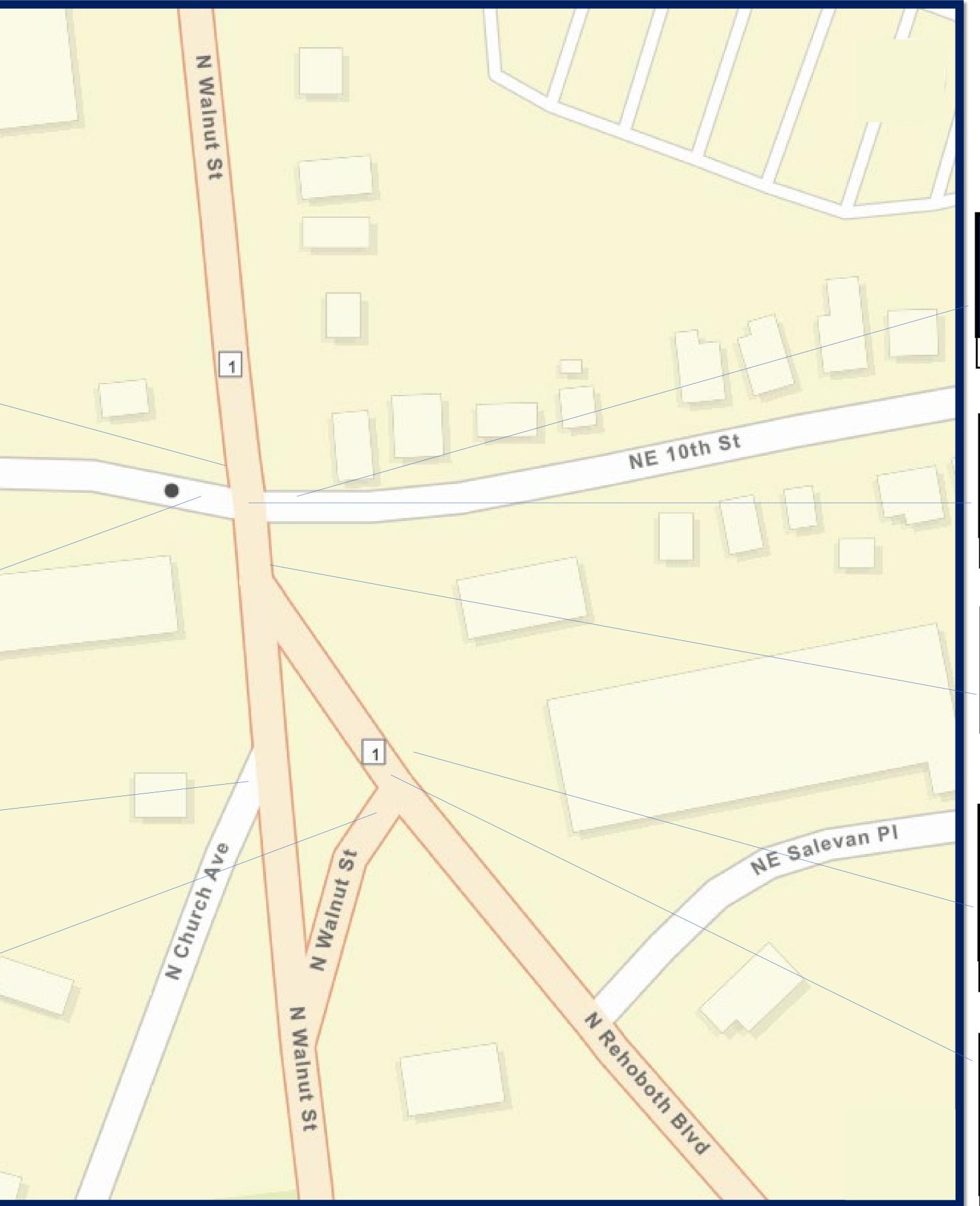
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2022 Weekday	y AM	2022 W	/eekday	2022 W	/eekday PM
Peak Hou	r N	Midday F	Peak Hour	Pe	ak Hour
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· · · · · ·	h St kday AM lour LOS	Chu 2022 V Midday I Delay	nut St @ rch St Veekday Peak Hour LOS	202 Dela	Chur 22 Wee Peak y	ekday PM Hour LOS	
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				-			
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Rehoboth Blvd		Rehoboth Blvd		Rehoboth Blvd			
2022 Weekday AM		2022	2022 Weekday		2022 Weekday PM		
Peak Hour		Midday	Midday Peak Hour		Peak Hour		
Dolou	LOS	Delay	LOS	Del	21/	LOS	
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DOVER/KENT COUNTY MPO METROPOLITAN PLANNING ORGANIZATION



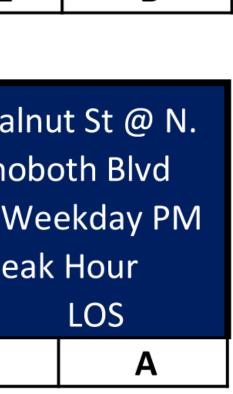
Existing Levels of Service (LOS)

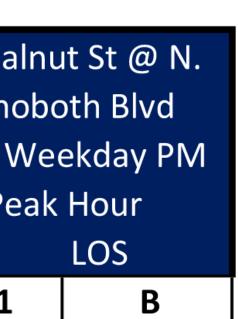


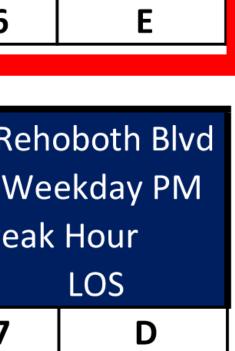


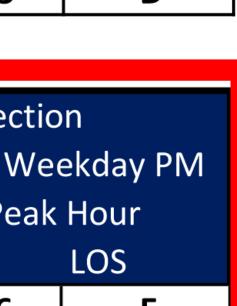
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First Community Workshop ✓ December 13, 2022

- Milford Public Works Facility 6-8:00

- •17 attendees
- lets out

Gather existing information





•Advertised through City of Milford and Dover/Kent MPO •Milford Senior High School and Milford Central Academy notified of workshop

 Comments/feedback was positive for improving this intersection •Multiple attendees mentioned the intersection is at its worst at 2:30 when school

•Key stakeholders (Meineke, Dairy Queen, and Patty's Nectars attended) ✓ Flyers were posted on websites and mailed to associated community ✓ Boards and workshop summaries were posted on City's website

✓ Additional comments were gathered by Rob Pierce after the workshop

Develop Alternatives





Second Community Workshop

✓ January 23, 2023

• Milford Public Works Facility 6-8:00 Advertised through City of Milford and Dover/Kent MPO •Milford Senior High School and Milford Central Academy notified of workshop

•17 attendees

•Overall attendees were positive toward short and long-term improvements •Mixed reviews on the one-way pair

Source of the second second





- ✓ Flyers were posted on websites and mailed to associated community
- ✓ Additional comments were gathered by Rob Pierce after the workshop

Gather feedback



Revise Alternatives











Project Cost: \$1.14 Million Does not inc. ROW or Design Fees

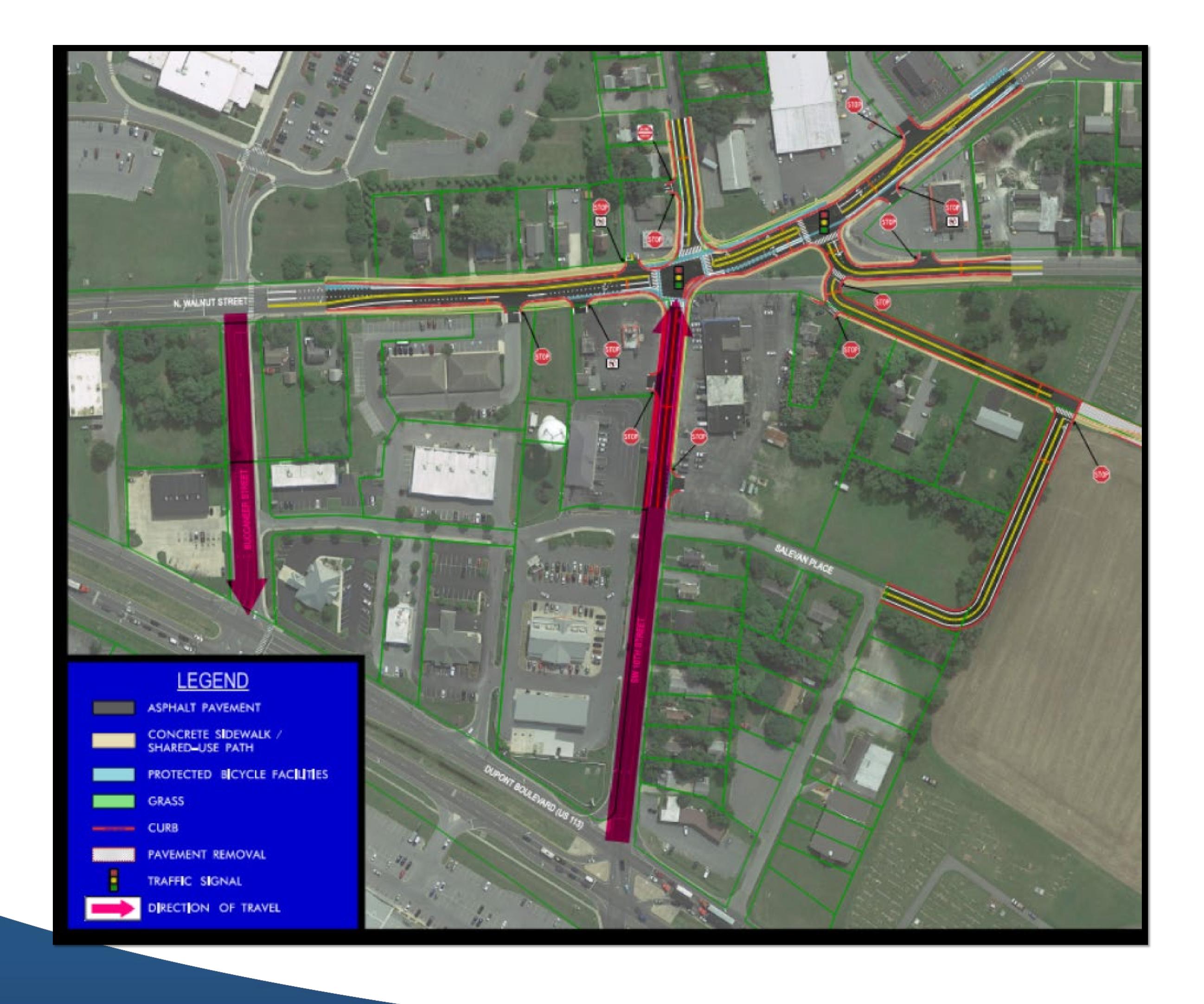


















Project Cost: \$4.3 Million Does not inc. ROW or Design Fees

t:

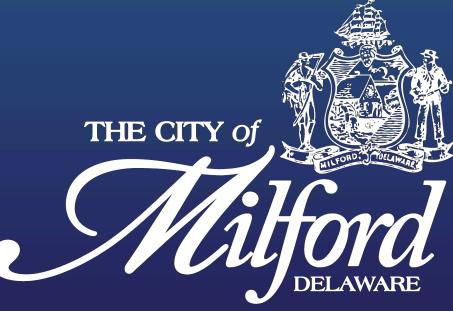
Alternatives Considered But Not Progressed ✓ Traditional Intersection •Does not meet project goals

✓ Roundabout

- •Requires a two-lane roundabout
- •Does not meet project goals

Remove Rehoboth Blvd. NB left turns using Salevan Place jug handle •Upgrade Salevan Plan to local road standards •Restrict left turns from N. Rehoboth Blvd onto NE 10th Street •Conflicts with truck restrictions •Does not meet project goals





•Single lane roundabout fails in Design Year 2050









Schedule & Next Steps

Public Workshop 1 December 13, 2022

Public Workshop 2 March 23, 2023

PAC June 8, 2023

TAC June 13, 2023

Revisions to Conceptual Alternatives Mid June 2023

MPO Council July 6, 2023









THANK YOU!

James J. Galvin, Jr. AICP **Principal Planner Dover/Kent County MPO** james.galvin@doverkentmpo.org http://www.doverkentmpo.org

Rob Pierce, Planning Director City of Milford rpierce@milford-de.gov http://cityofmilford.com

Sonia Marichic-Goudy Century Engineering smarichicgoudy@kleinfelder.com

