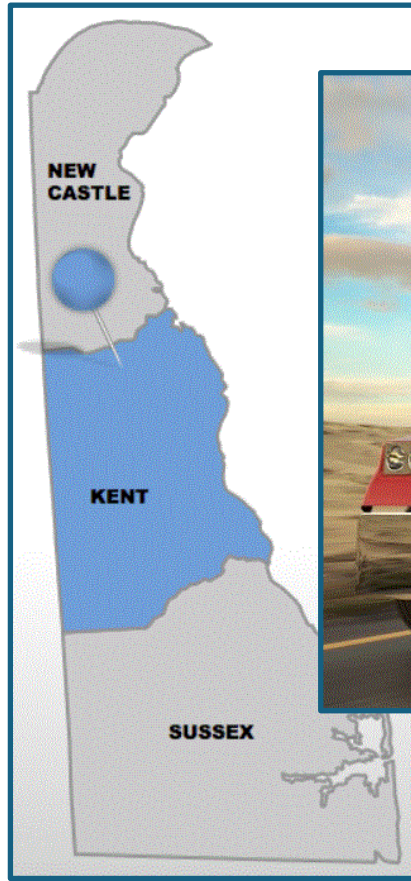


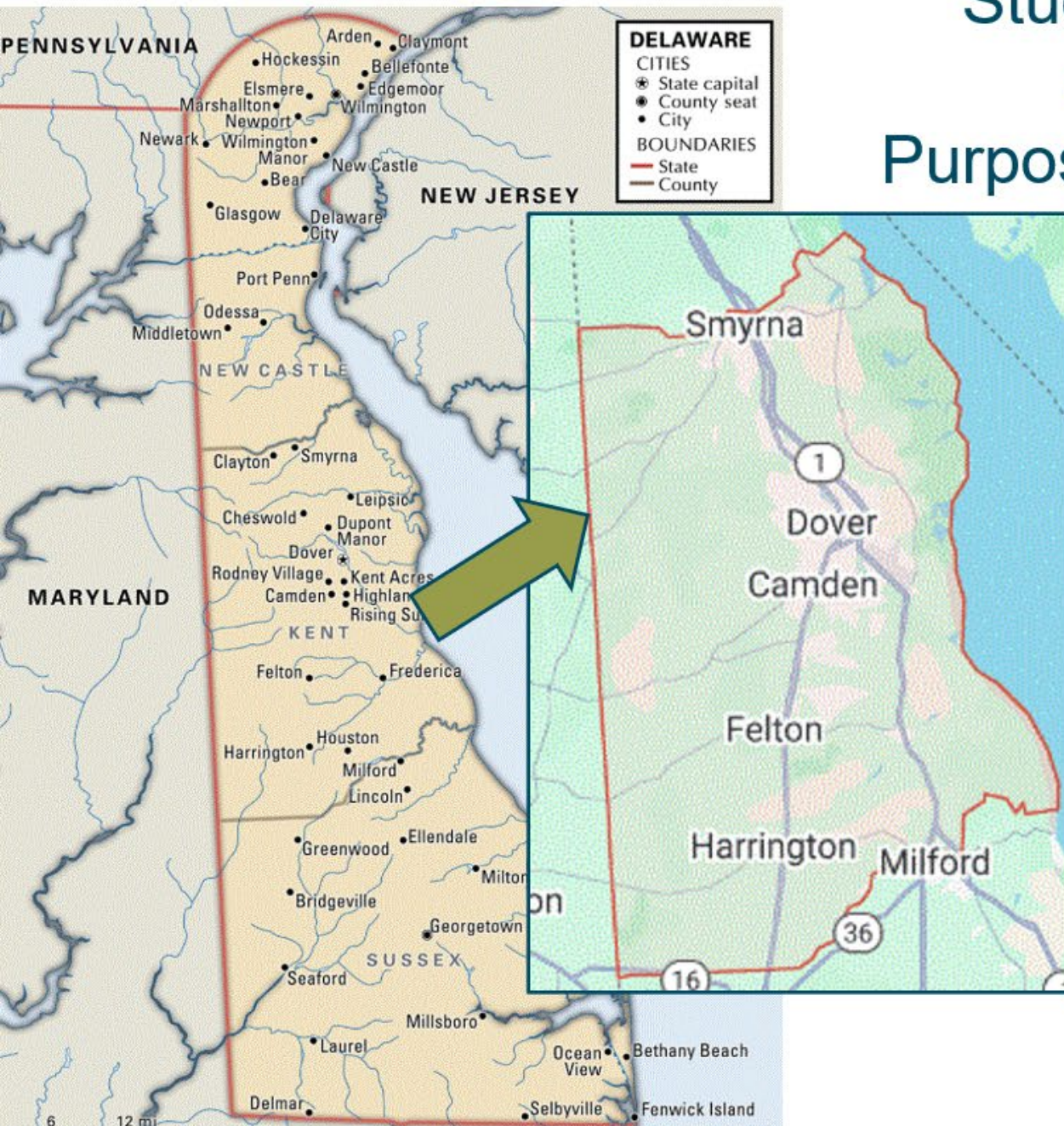
MPO Council Meeting

East / West Freight Routes, Phase 2 Study

July 2, 2025



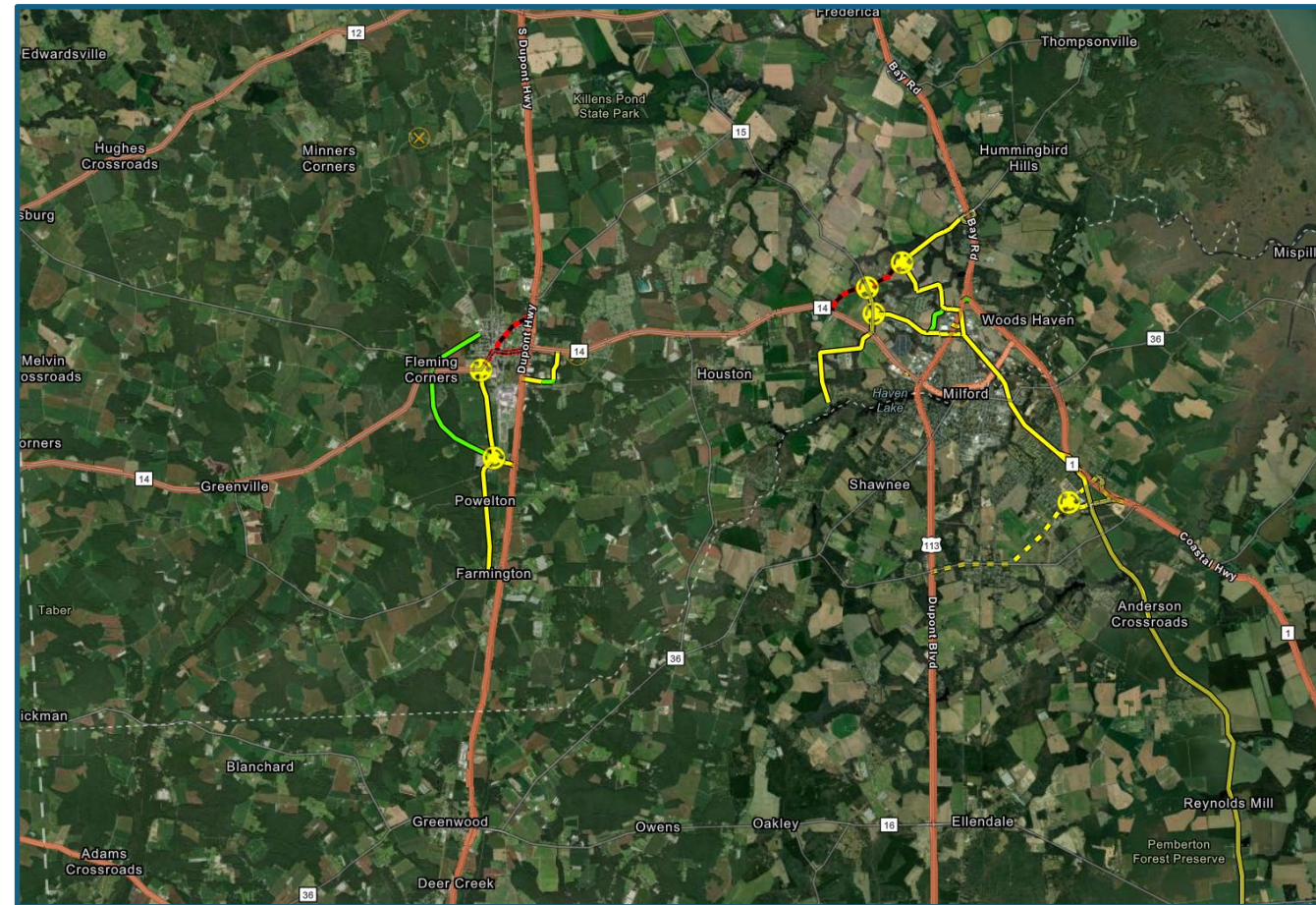
Study Area and Purpose & Need



The purpose of the study is to identify routes or portions of routes that are difficult for freight movers to use, and to identify improvements to routes and/or identify new routes for freight movers to use in Kent County.

The need for the study arises from the growing importance of freight traffic in supporting regional economic development in Kent County.

Improvements Evaluated



Industry & Community Outreach

Mailing of Survey to Freight Generators

March 2024

Survey with QR Coded Emailed to DE Farm Bureau (Jaiden Cain)

March 2024

Stakeholder Roundtable

March 26, 2024

Delmarva Freight Summit

June 5, 2024

Development and Posting of On-Line Freight Generators Survey

April 2024

Meeting with Milford (Rob Pierce)

August 1, 2024

Meeting with Clayton (Paul Johnson)

August 26, 2024

Dover Freight Plan Stakeholder Meeting

September 9, 2024

Meeting with Dover (Dave Hugg & Sharon Duca)

September 24, 2024

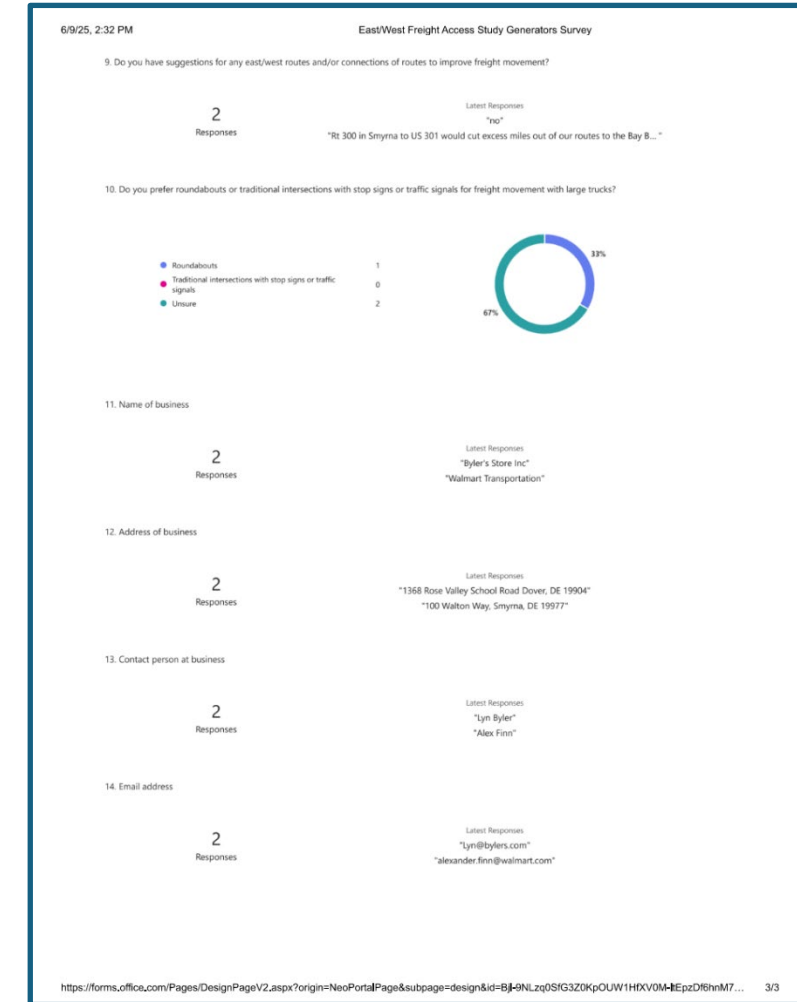
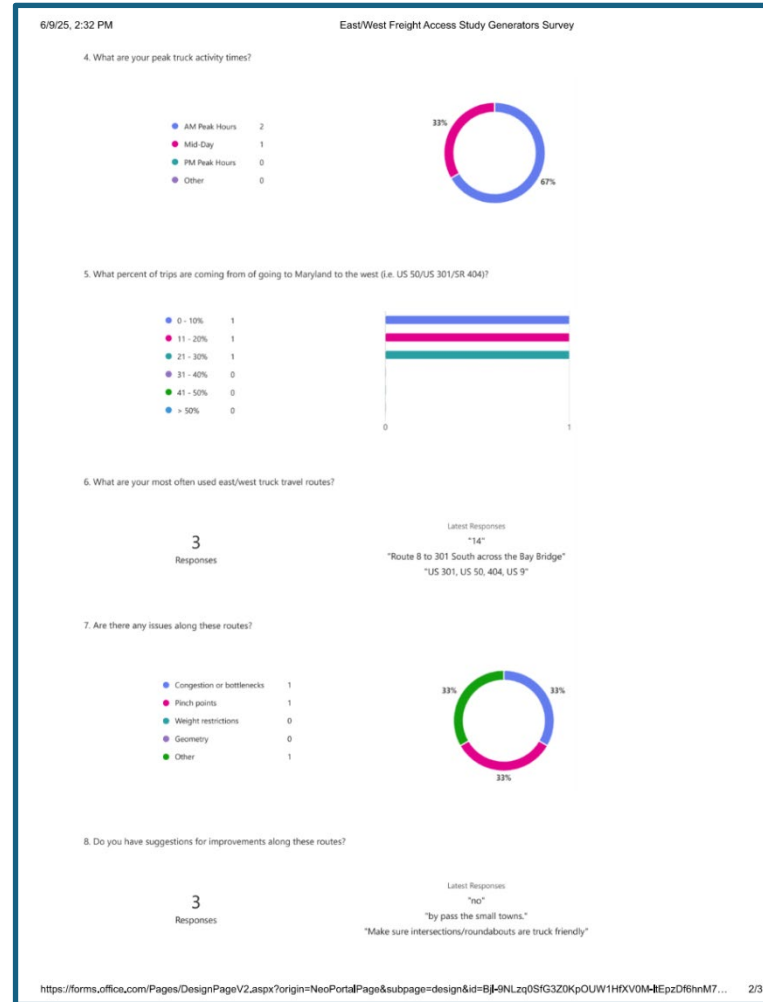
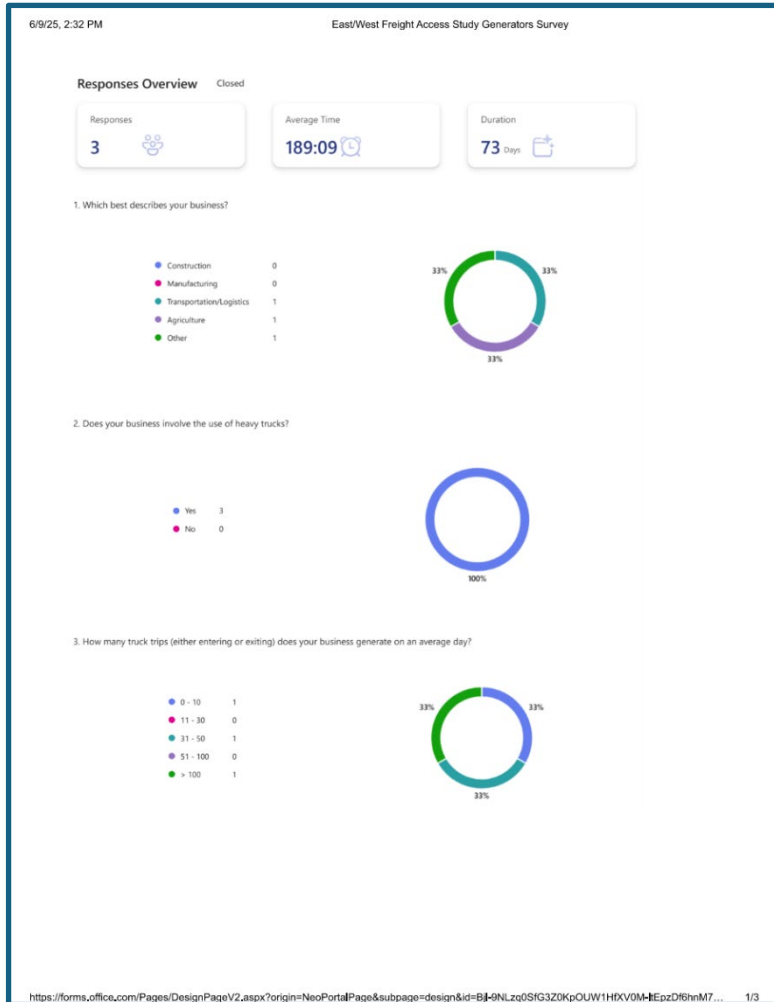
Winter 2024 Freight Summit

December 11, 2024

Delmarva Freight Summit

June 11, 2025

Questionnaire Responses



Prioritization Matrix

E/W Freight Routes Phase 2				
Prioritization Matrix				
Criteria	Method of Measurement		Measurment Ranges	Overall Score
Number of Trucks Benefitting	Number of Trips		801-1000	5
			601-800	4
			401-600	3
			201-400	2
			0-200	1
Impediments Removed	Width	1	>4	5
	Weight	3	4	4
	Turning Movements	2	3	3
			2	2
			1	1
Bottlenecks	Is the project located on an identified bottleneck?		Yes	1
			No	0
KEP Support	Is the project desired by the local community and the surrounding industries?		Highest Priority	5
			High Priority	4
			Medium Priority	3
			Low Priority	2
			Lowest Priority	1
Freight Route	Is the project located on an identified freight route?		Yes	1
			No	0

Recommendations

E/W Freight Routes Study, Phase 2 Recommendations	Number of Trucks Benefitting	Impediments Removed	Bottlenecks	KEP Support	Freight Route	Total Score	Final Rating
SR 1 Interchange – Dover	5	2	1	5	1	14	1
Hazletville Road to Forrest Avenue Extension – Dover	4	3	1	4	0	12	2
US 113 to SR 1 Ramp – Milford	5	2	1	2	1	11	3
Airport Road to Warner Road Extension – Milford	5	3	1	2	0	11	4
US 13 Crossover – Harrington	2	3	0	3	1	9	5
SR 14 and SR 13 Intersection Improvement	5	2	0	1	1	9	6
SR 42/SR 300 Intersection Improvement	5	1	0	1	0	7	7
Main Street Truck Restriction – Clayton	3	1	0	2	0	6	8
SR 8 Truck Restriction	5	0	0	0	0	5	9

Dover

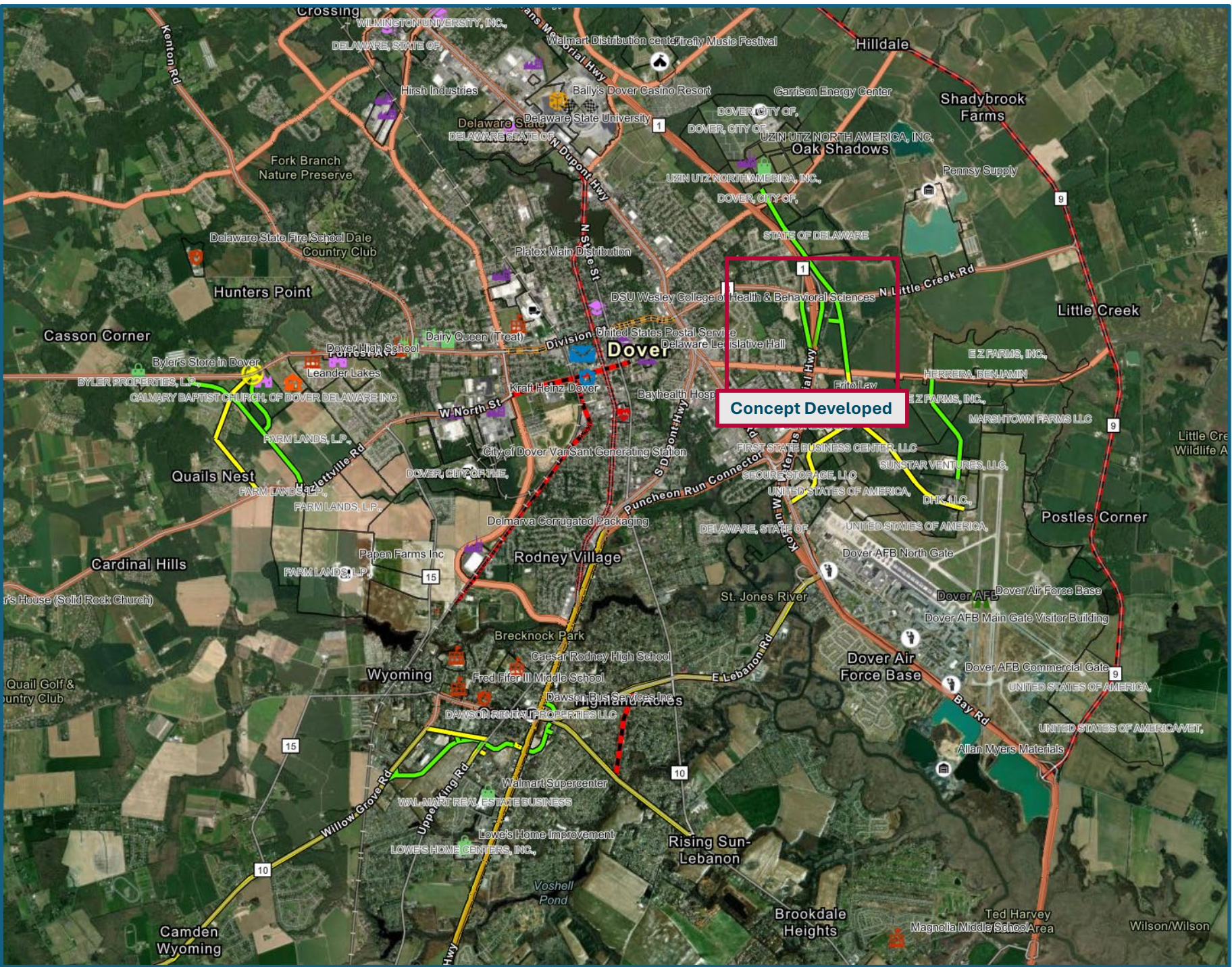
Legend

Proposed Lines

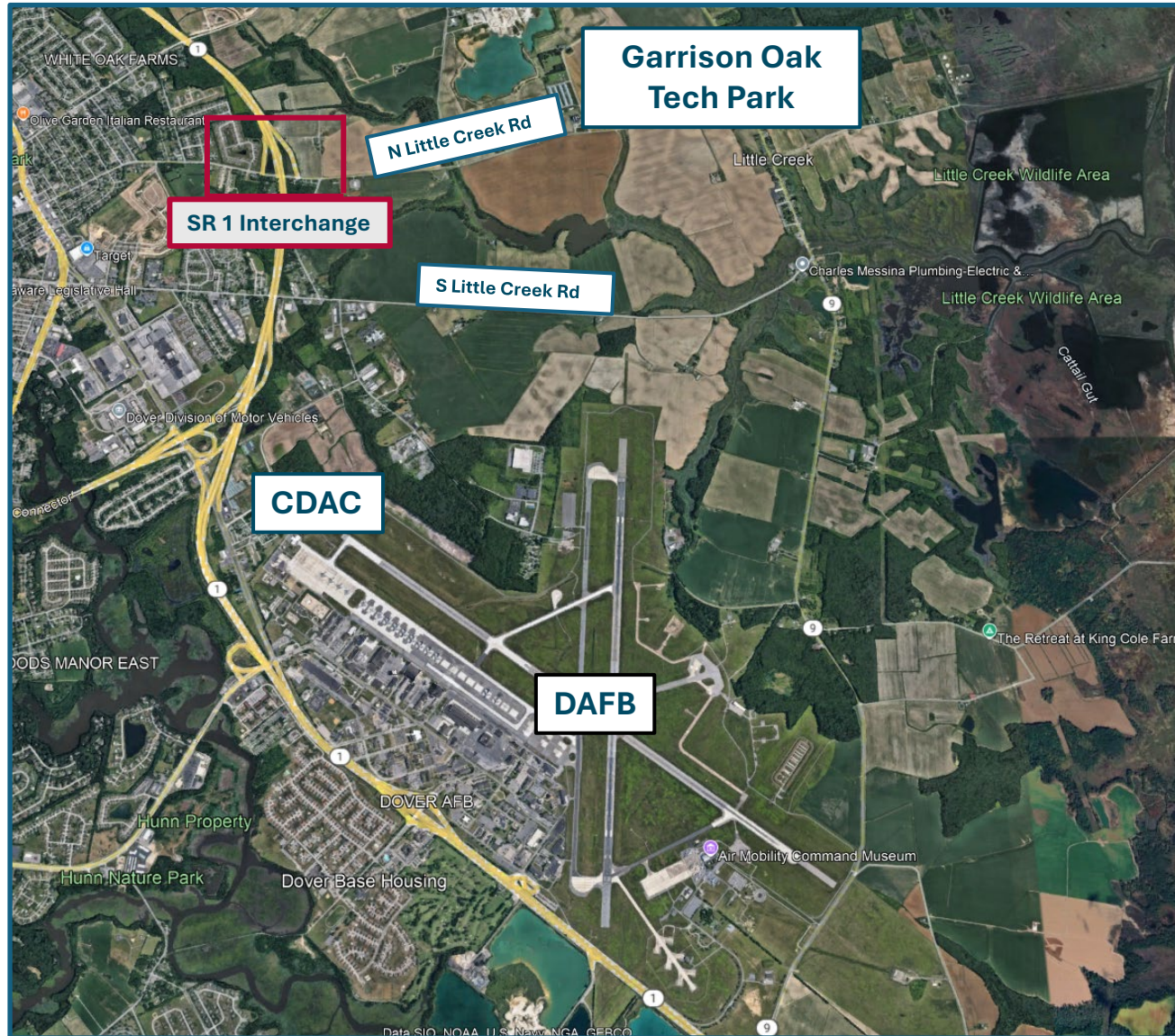
- Type
- Proposed Truck Connection
 - Upgrade Existing Roadway
 - Potential Roadway Upgrade

Truck Restrictions

- STATUS
- Existing Truck Restriction
 - Explore Feasibility of Lifting Truck Restrictions
 - Explore Feasibility of Adding Truck Restriction



SR 1 Dover Interchange



E/W FREIGHT ROUTES, PHASE 2

DOVER, SR 1 INTERCHANGE CONNECTION CONCEPT



SR 1 Interchange – Dover

Conceptual Costs

Design	\$750,000
Row	\$2,300,000
Construction	\$5,908,000
*Total	\$8,958,000

*All costs are based on conceptual designs and are rounded



Dover

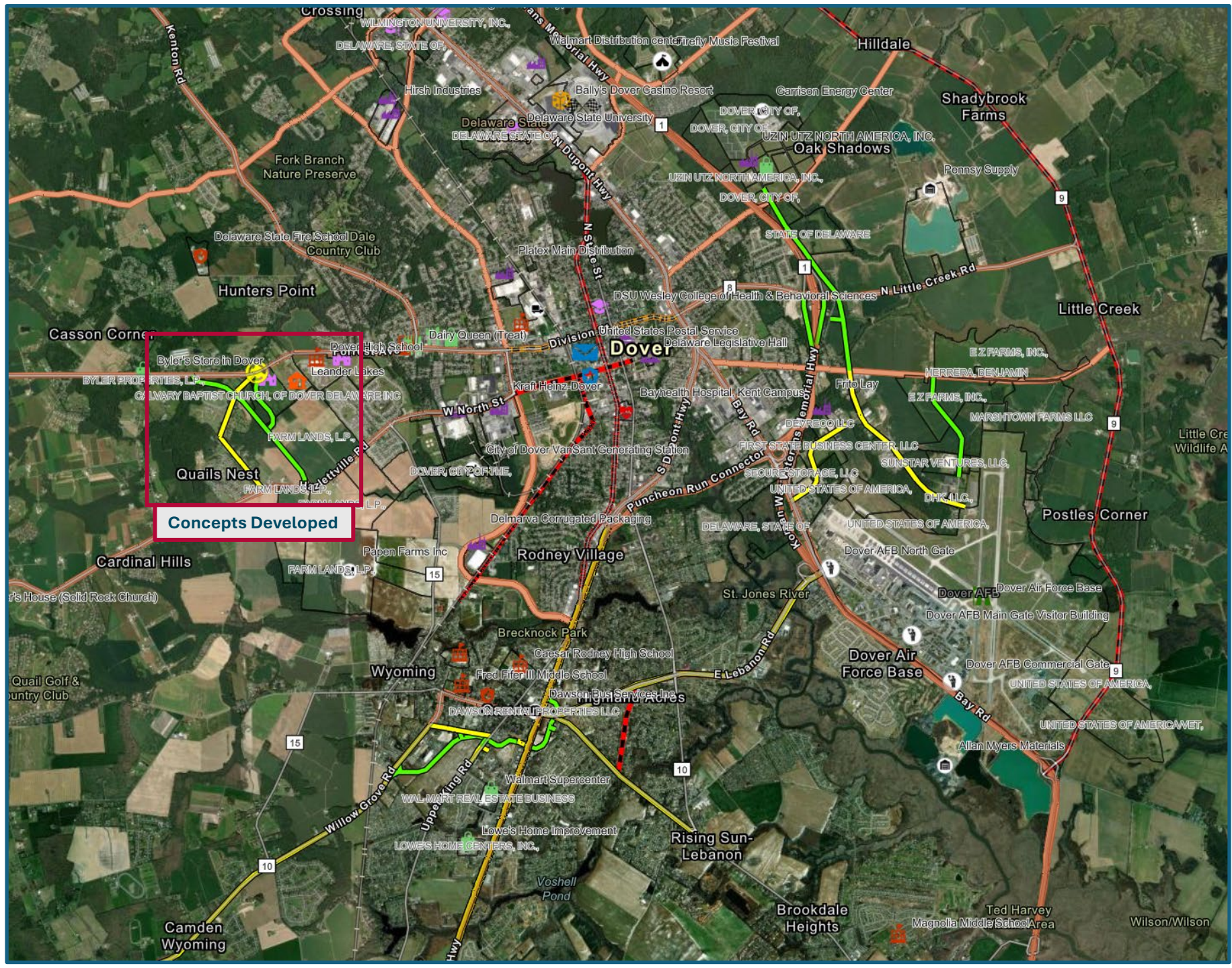
Legend

Proposed Lines

- Type
- Proposed Truck Connection
 - Upgrade Existing Roadway
 - Potential Roadway Upgrade

Truck Restrictions

- STATUS
- Existing Truck Restriction
 - Explore Feasibility of Lifting Truck Restrictions
 - Explore Feasibility of Adding Truck Restriction





E/W FREIGHT ROUTES, PHASE 2

DOVER, HAZLETTVILLE RD TO FORREST AVE

CONNECTION CONCEPT 1



E/W FREIGHT ROUTES, PHASE 2

DOVER, NEW CONNECTING ROAD
CONCEPT 1



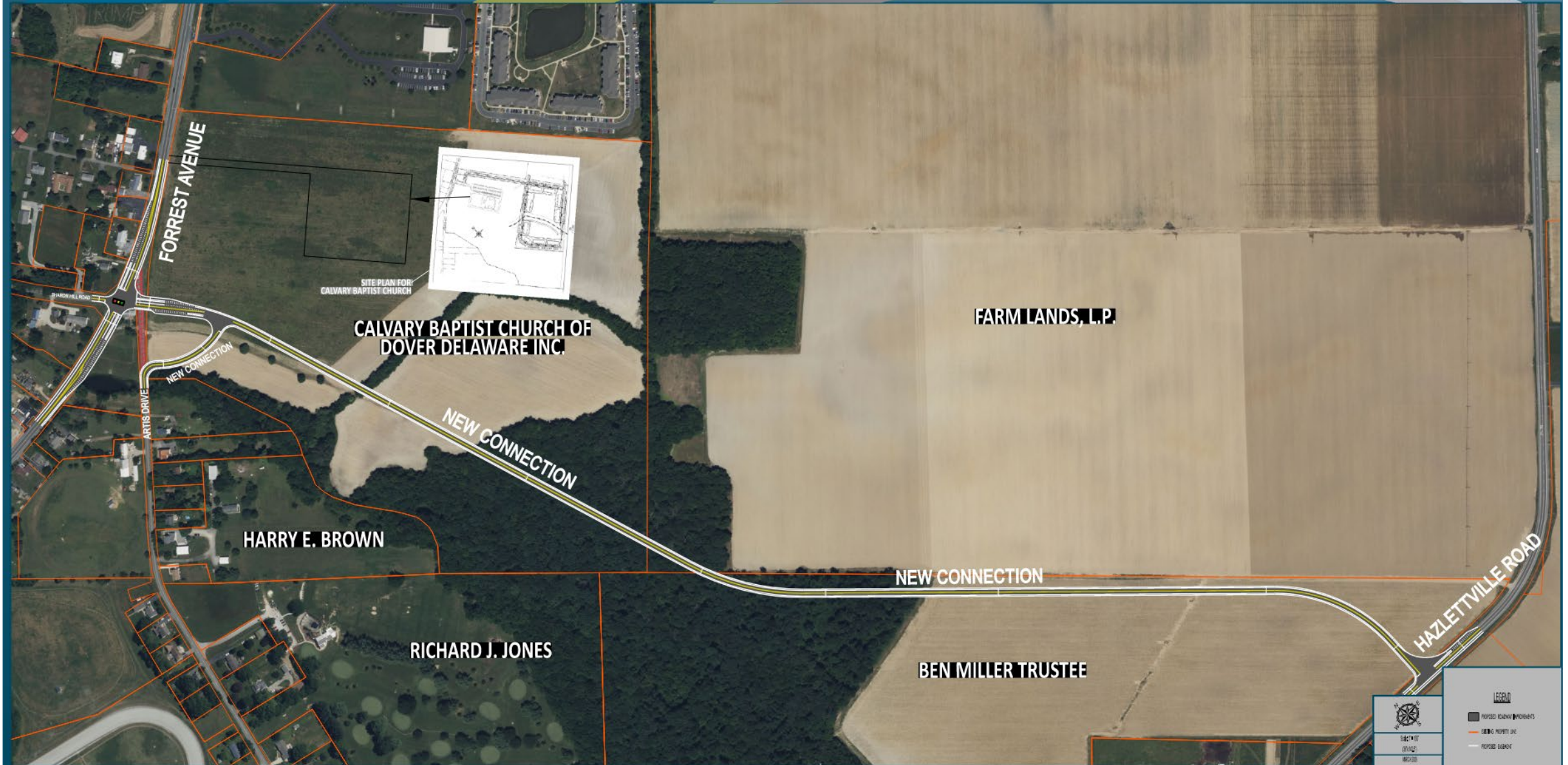
E/W FREIGHT ROUTES, PHASE 2

DOVER, FORREST AVE INTERSECTION CONCEPT 1



E/W FREIGHT ROUTES, PHASE 2

DOVER, HAZLETTVILLE RD TO FORREST AVE
CONNECTION CONCEPT 2



E/W FREIGHT ROUTES, PHASE 2

DOVER, FORREST AVE INTERSECTION CONCEPT 2



E/W FREIGHT ROUTES, PHASE 2

DOVER, HAZLETTVILLE RD
INTERSECTION CONCEPTS 1&2



Hazlettsville Rd – Dover

Concept 1

Conceptual Costs

Design	\$1,600,000
Row	\$2,500,000
Construction	\$9,244,000
*Total	\$13,344,000
**Concept 2 Total	\$13,014,000

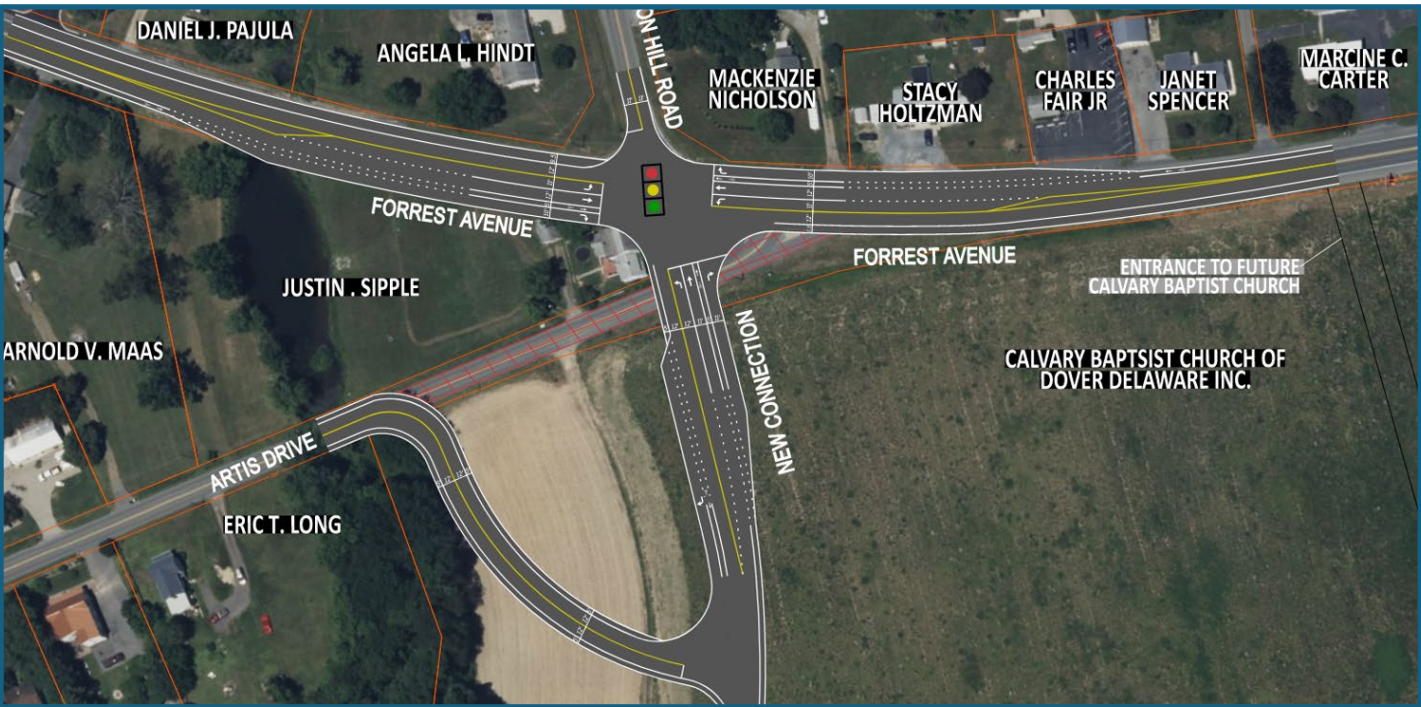
*All costs are based on conceptual designs and are rounded

**Concept 2 approx. \$330,000 less than Concept 1

Concept 1



Concept 2



Milford



Legend

Proposed Lines

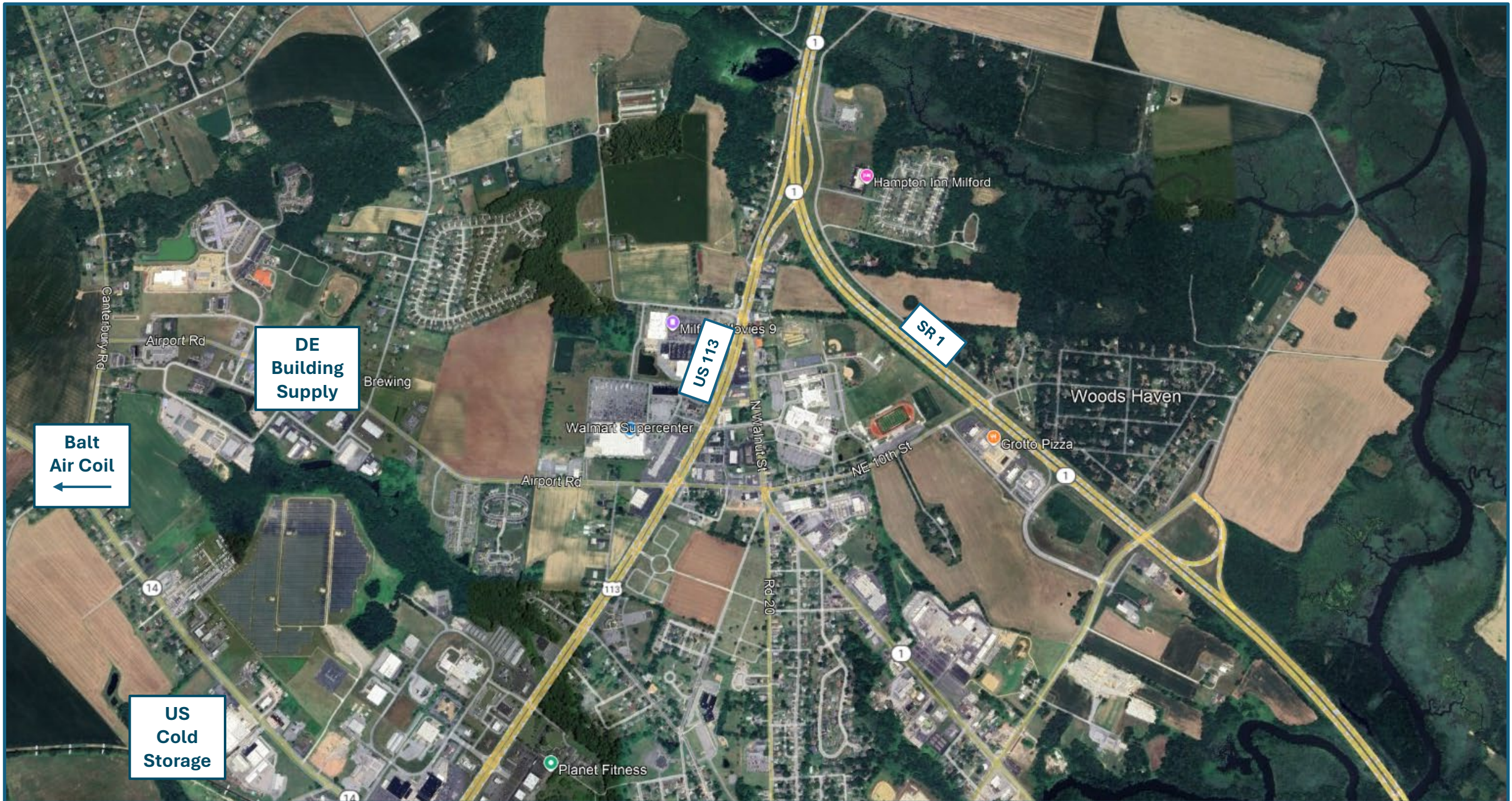
Type

- Proposed Truck Connection
- Upgrade Existing Roadway
- Potential Roadway Upgrade

Truck Restrictions

STATUS

- Existing Truck Restriction
- Explore Feasibility of Lifting Truck Restrictions
- Explore Feasibility of Adding Truck Restriction



**DE
Building
Supply**

US 113

SR 1

**Balt
Air Coil**
←

**US
Cold
Storage**

Hampton Inn Milford

Woods Haven

Grotto Pizza

Walmart Supercenter

Milf

Movies 9

NE 10th St

N Main St

Rd 20

Airport Rd

Airport Rd

Canterbury Rd

14

113

1

1

1

1

Planet Fitness

E/W FREIGHT ROUTES, PHASE 2

MILFORD, US 113 TO SR 1
CONNECTION CONCEPT



US 113N to SR 1S Ramp – Milford

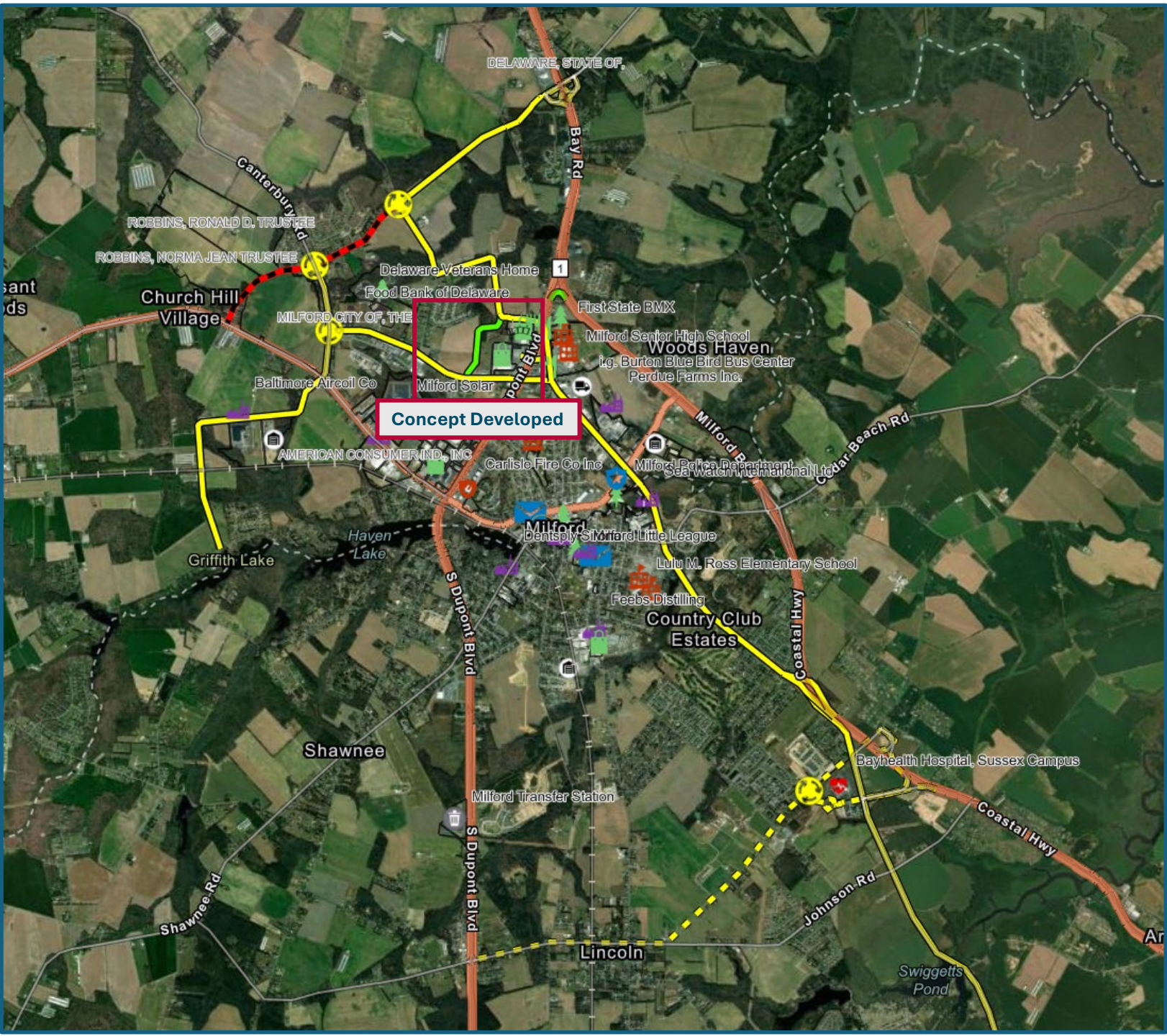
Conceptual Costs

Design	\$397,000
Row	\$750,000
Construction	\$3,004,000
*Total	\$4,151,000

*All costs are based on conceptual designs and are rounded



Milford



Legend

Proposed Lines

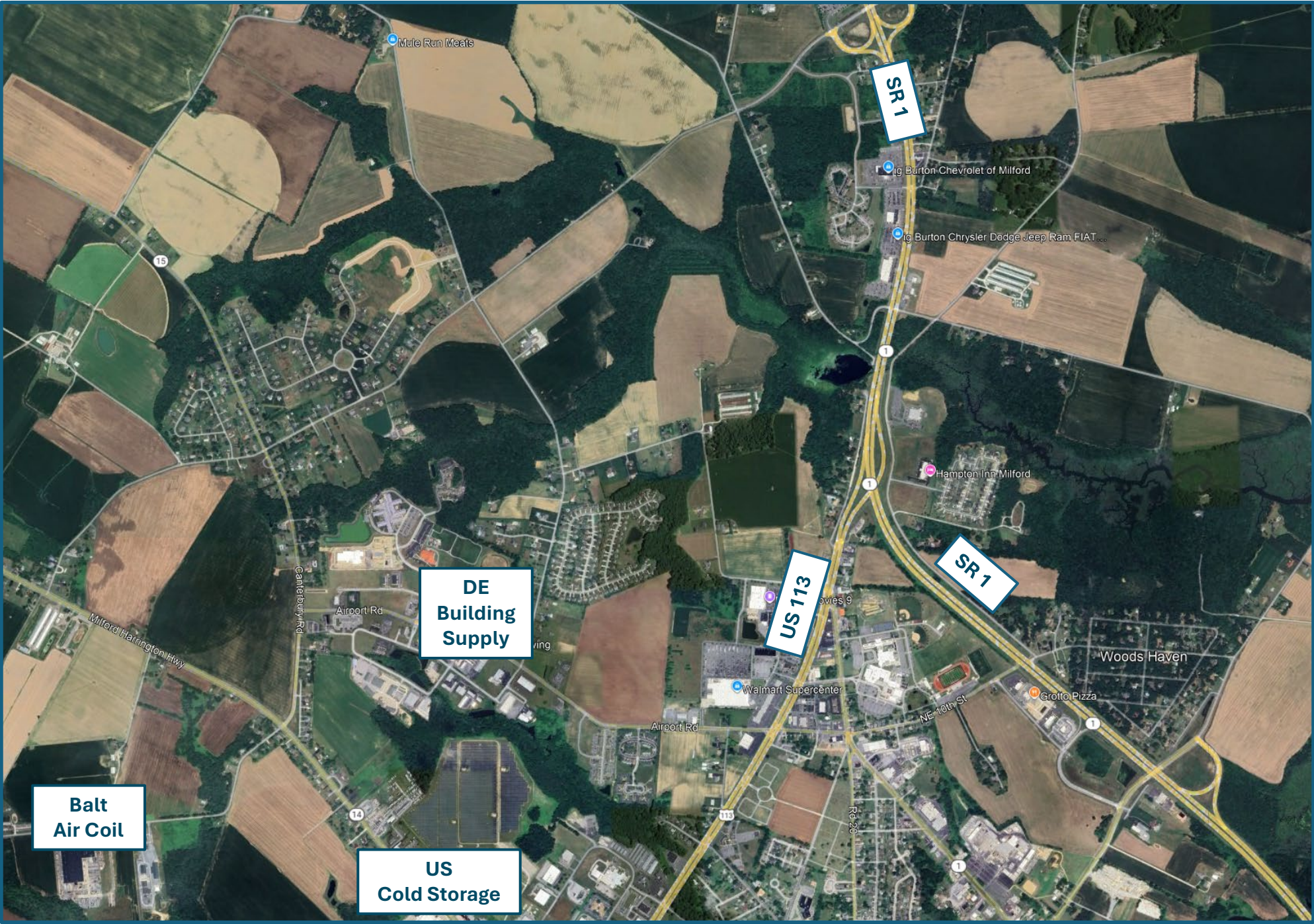
Type

- Proposed Truck Connection
- Upgrade Existing Roadway
- Potential Roadway Upgrade

Truck Restrictions

STATUS

- Existing Truck Restriction
- Explore Feasibility of Lifting Truck Restrictions
- Explore Feasibility of Adding Truck Restriction



E/W FREIGHT ROUTES, PHASE 2

MILFORD, AIRPORT RD TO WARNER RD CONNECTION CONCEPT



E/W FREIGHT ROUTES, PHASE 2

MILFORD, AIRPORT RD INTERSECTION CONCEPT



E/W FREIGHT ROUTES, PHASE 2

MILFORD, WARNER RD INTERSECTION CONCEPT

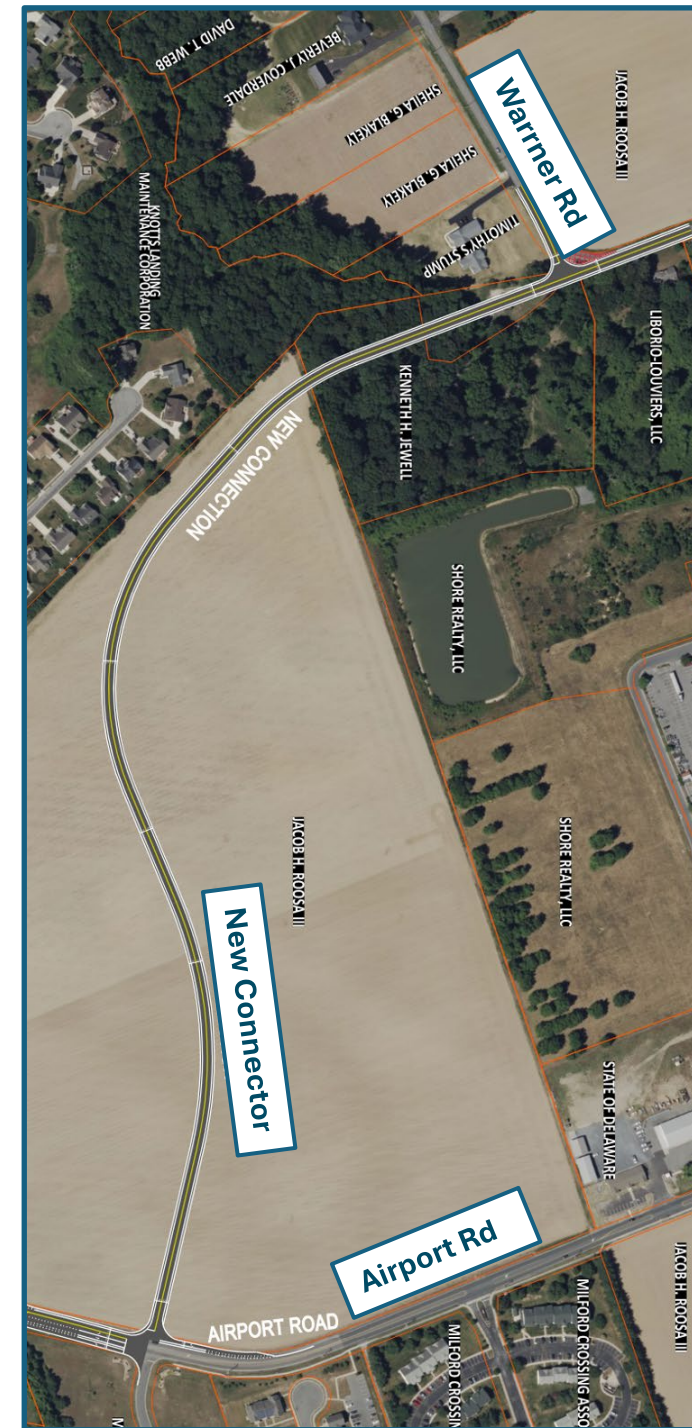


Airport Rd Connector – Milford

Conceptual Costs

Design	\$746,000
Row	\$1,000,000
Construction	\$5,993,000
*Total	\$7,739,000

*All costs are based on conceptual designs and are rounded



Harrington



Legend

Proposed Lines

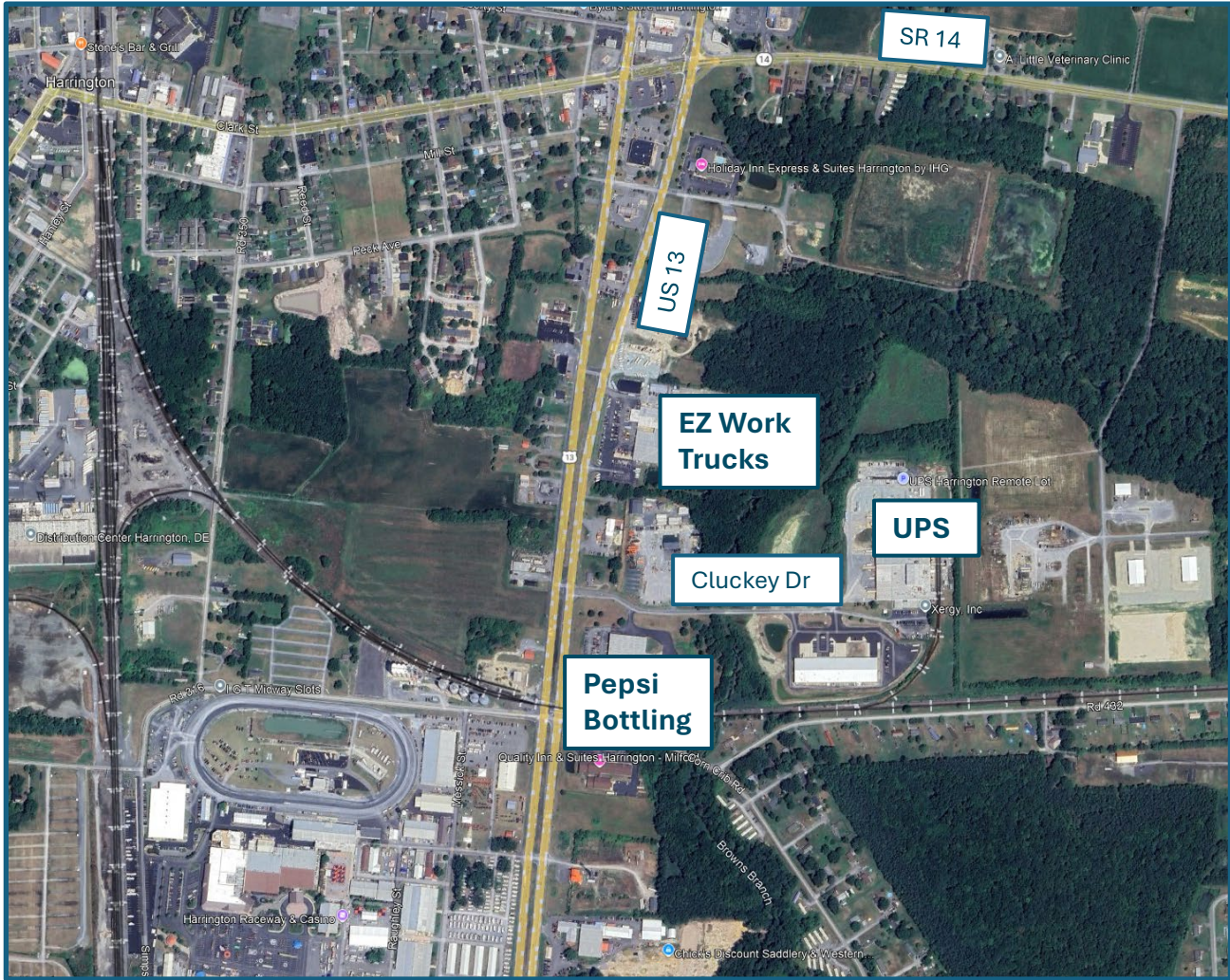
Type

- Proposed Truck Connection
- Upgrade Existing Roadway
- Potential Roadway Upgrade

Truck Restrictions

STATUS

- Existing Truck Restriction
- Explore Feasibility of Lifting Truck Restrictions
- Explore Feasibility of Adding Truck Restriction



E/W FREIGHT ROUTES, PHASE 2

HARRINGTON ROUTE 13 CONCEPT



US 13 Crossover – Harrington

Conceptual Costs

Design	\$93,000
Row	\$0
Construction	\$626,000
*Total	\$719,000

*All costs are based on conceptual designs and are rounded



Clayton

Legend

Proposed Lines

Type

- Proposed Truck Connection
- Upgrade Existing Roadway
- Potential Roadway Upgrade

Truck Restrictions

STATUS

- Existing Truck Restriction
- Explore Feasibility of Lifting Truck Restrictions
- Explore Feasibility of Adding Truck Restriction





Hanover Foods

SR 6

Main St

School Ln

Southern States

SR 300

E/W FREIGHT ROUTES, PHASE 2

CLAYTON, MAIN ST & SCHOOL LN
ROUNDBOUT CONCEPT

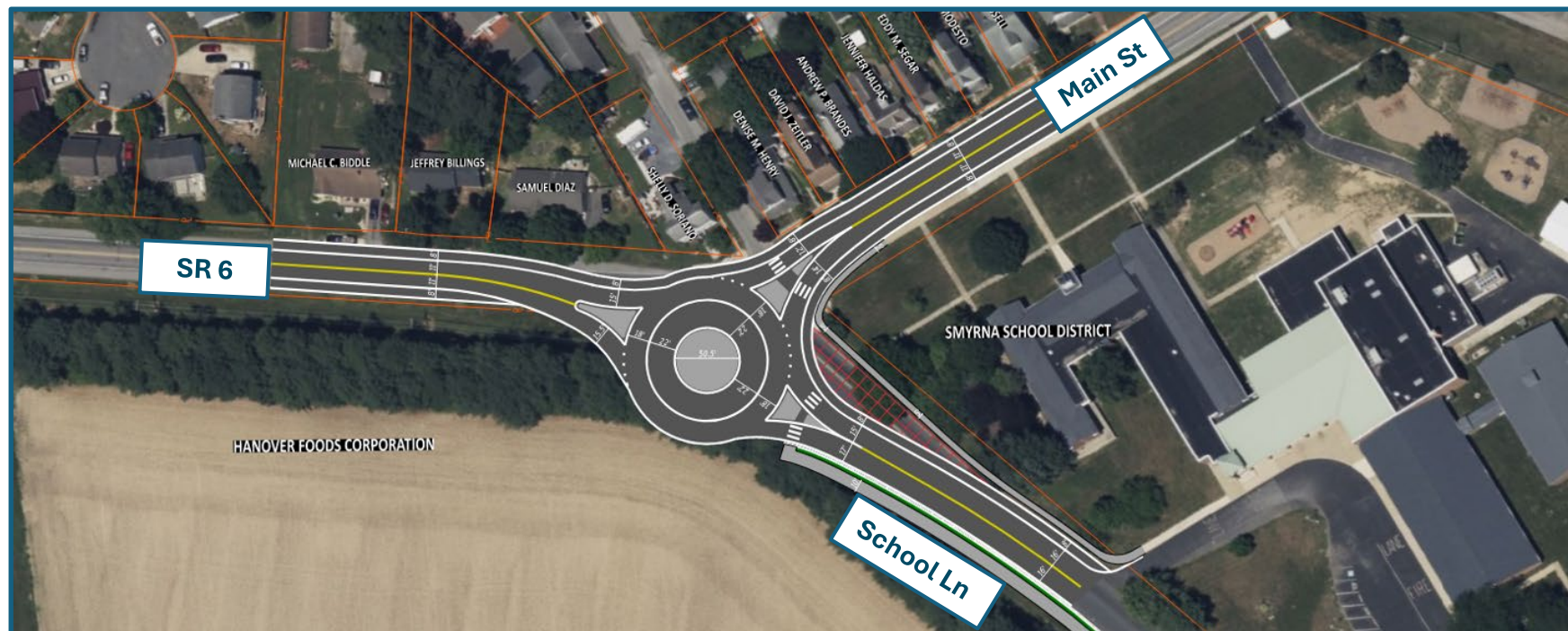


Main St Truck Restriction – Clayton

Conceptual Costs

Design	\$485,000
Row	\$200,000
Construction	\$1,932,000
*Total	\$2,617,000

*All costs are based on conceptual designs and are rounded



Schedule

Draft Recommendations Report	June 3, 2025
Delmarva Freight Summit	June 11, 2025
PAC	June 12, 2025
TAC	June 17, 2025
MPO Council Meeting	July 2, 2025
Final Recommendations Report	July 2025

Thank You

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