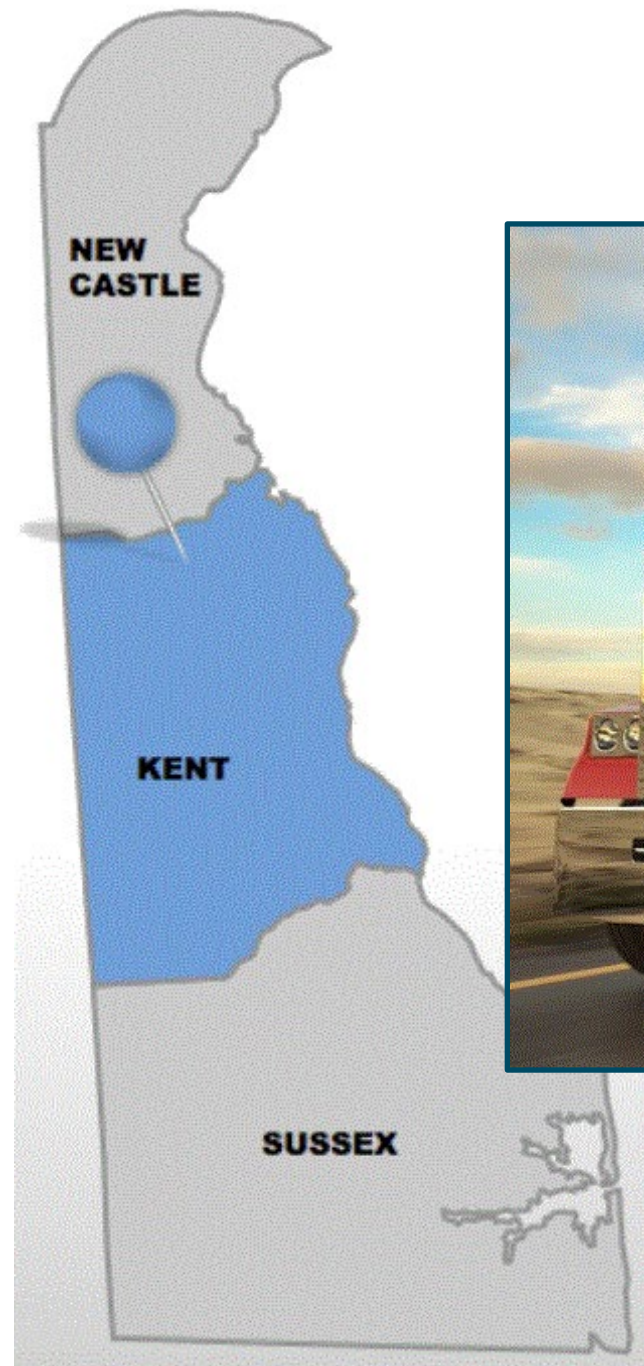
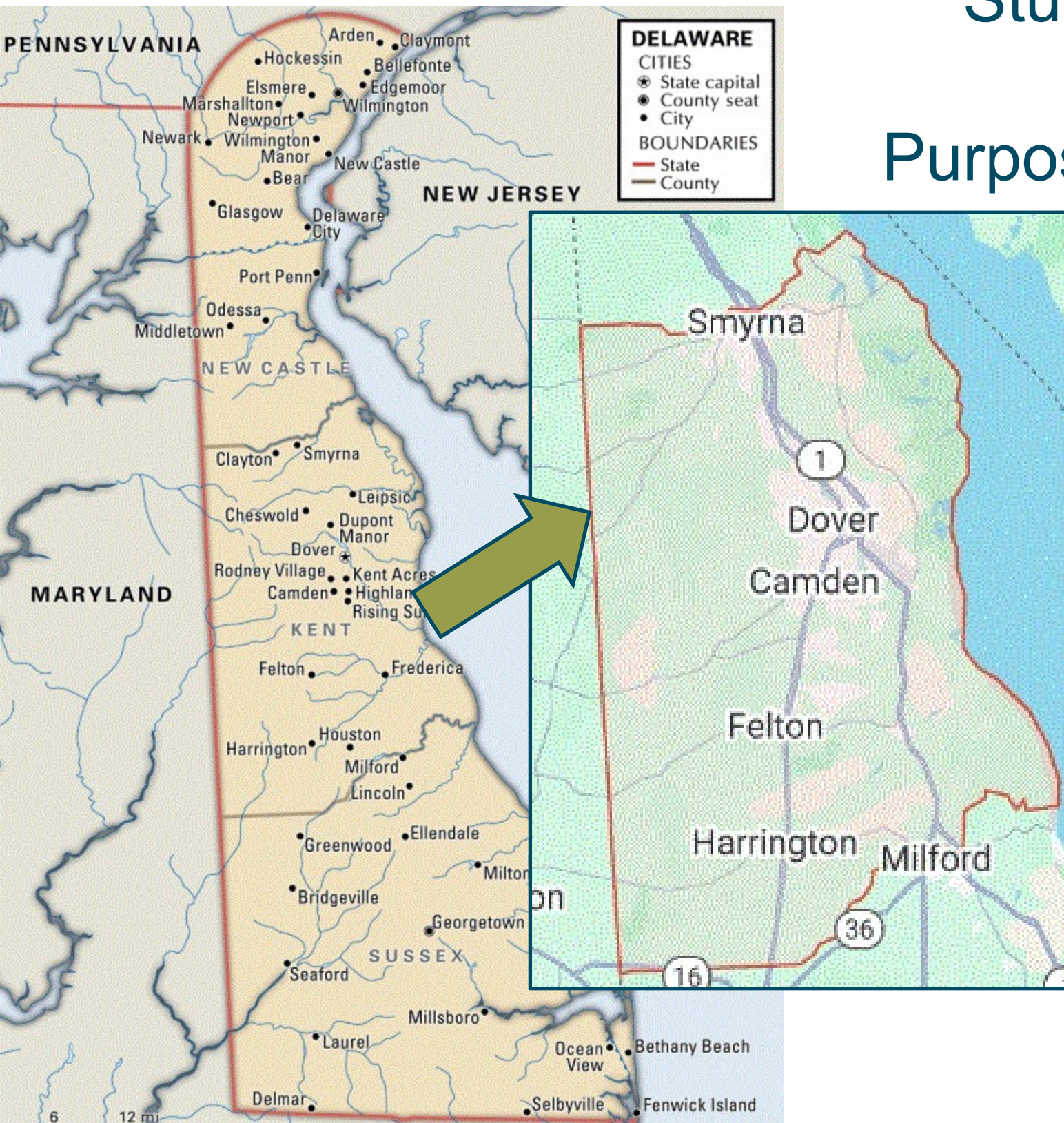


Delaware Winter Freight Meeting December 11, 2024

East / West Freight Routes Study



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.



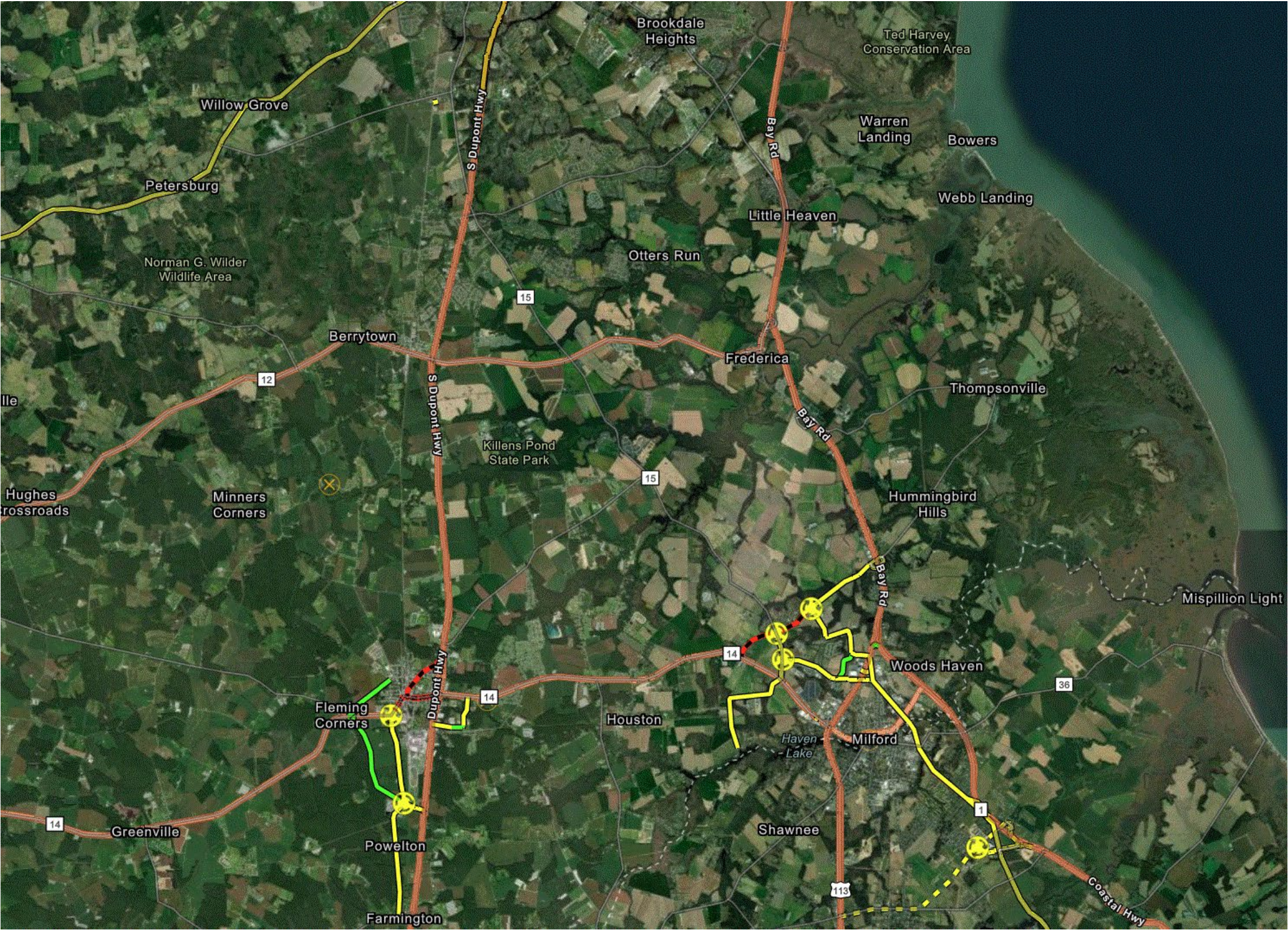
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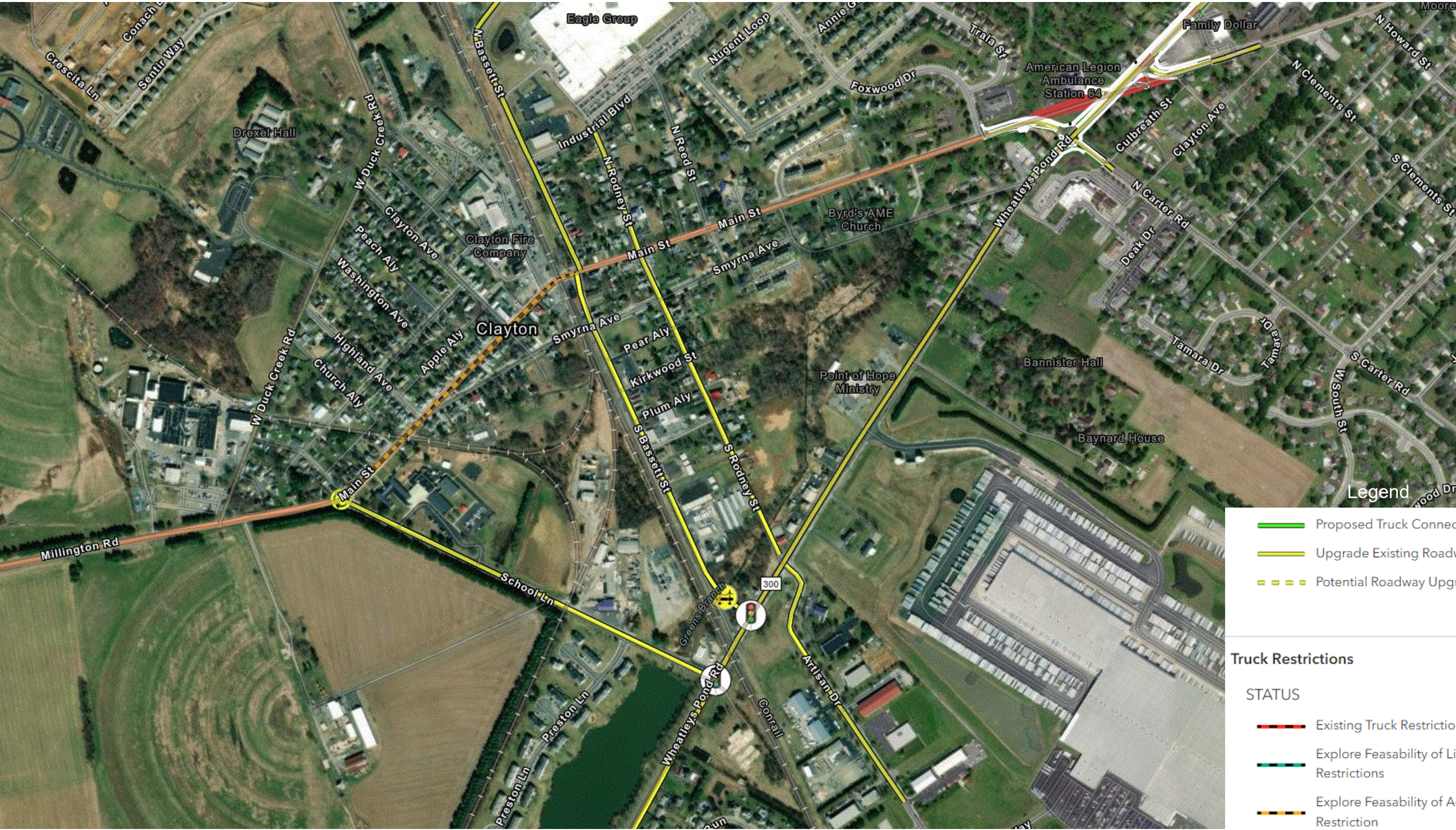
- Proposed Truck Connection
- Upgrade Existing Roadway
- Potential Roadway Upgrade

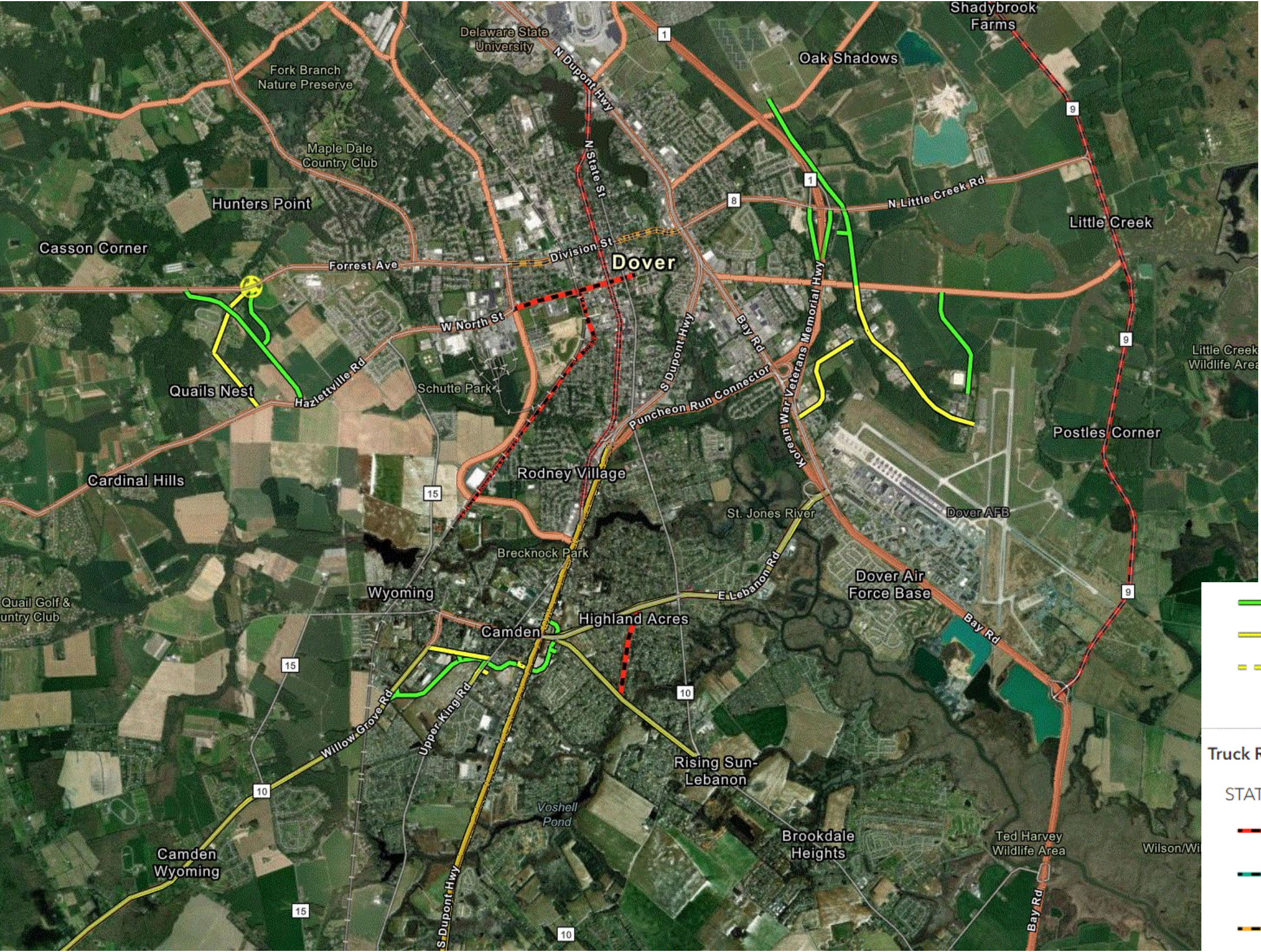
Truck Restrictions

STATUS

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







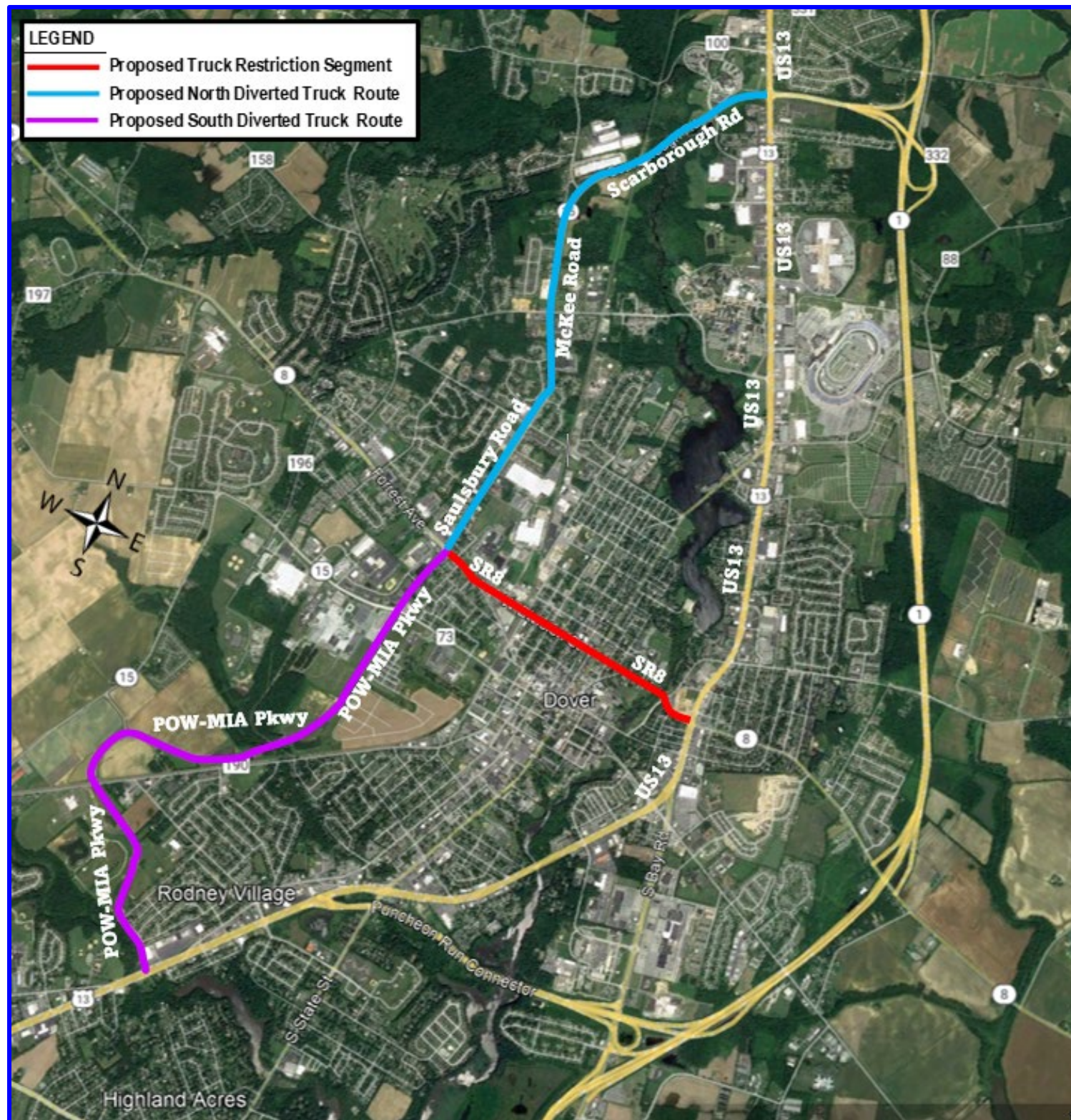
Legend

- Proposed Truck Connection
- Upgrade Existing Roadway
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Truck Restrictions

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

SR 8 Downtown Dover Truck Restriction Scenario



- All eastbound/westbound trucks, except local delivery trucks, would be restricted from using SR 8 between US13 (N Dupont Highway) and SR15 (Saulsbury Road).
- East/westbound trucks north of SR 8 would be diverted to use the Scarborough/McKee/Saulsbury Road Corridor between US13 and SR8 (Proposed North Diverted Truck Route).
- East/westbound trucks south of SR 8 would be diverted to use S Saulsbury Road/POW-MIA Parkway Corridor between S R8 and US 13 (Proposed South Diverted Truck Route).

SR 8 Downtown Dover Truck Restriction Traffic Operations

FIY 2025 Signalized Intersection MOE

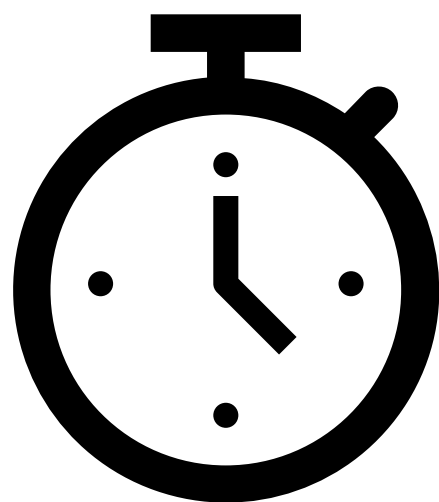
Intersection	Without Proposed SR8 Truck Restriction				With Proposed SR8 Truck Restriction			
	A.M. Peak Hour		P.M. Peah Hour		A.M. Peak Hour		P.M. Peah Hour	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
US13 at Scarborough Rd	39.1	D	40.8	D	39.7	D	41.0	D
Scarborough Road at Delaware Tech Dr / Crawford Carrol Ave	11.4	B	16.1	B	11.6	B	16.1	B
McKee Rd at Scarborough Rd	9.3	A	14.0	B	9.3	A	14.6	B
McKee Rd at College Rd	19.2	B	31.5	C	19.7	B	31.9	C
McKee Rd / Saulsbury Rd at Walker Rd	27.2	C	22.7	C	28.0	C	22.9	C
Saulsbury Rd at SR8	39.4	D	35.0	D	39.3	D	35.2	D
SR8 at US13	35.0	D	46.9	D	32.7	D	46.6	D
Saulsbury Rd at Gateway Blvd	13.7	B	22.9	C	13.6	B	23.0	C
Saulsbury Rd / POW/MIA Pkwy at North St / Hazletville Rd	35.5	D	30.4	C	35.8	D	30.5	C
POW/MIA Pkwy at Baden Powell Way	9.7	A	12.6	B	10.0	A	12.8	B
POW / MIA Pkwy at US13	24.6	C	49.6	D	24.6	C	51.2	D

FUY 2052 Signalized Intersection MOE

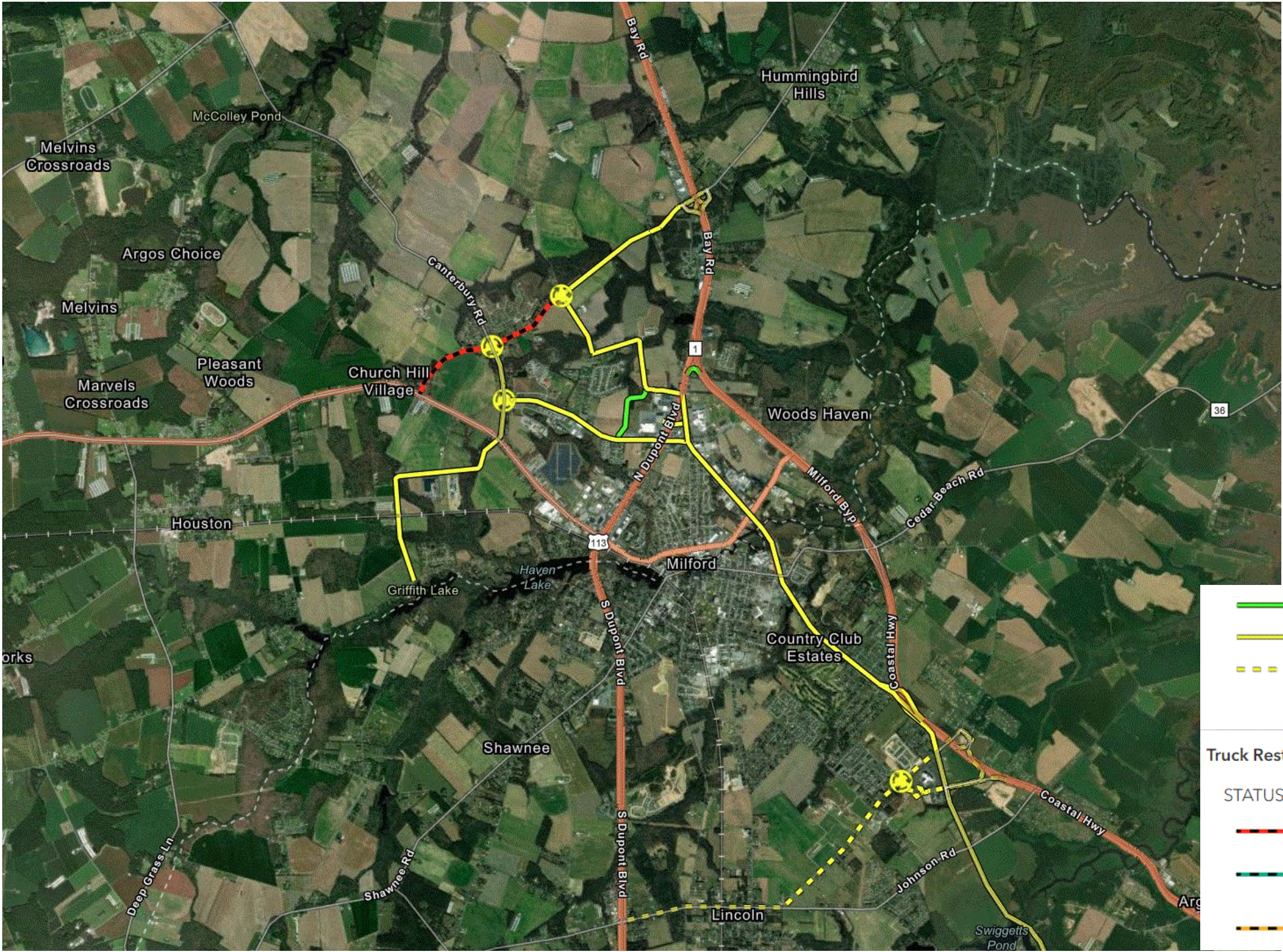
Intersection	Without Proposed SR8 Truck Restriction				With Proposed SR8 Truck Restriction			
	A.M. Peak Hour		P.M. Peah Hour		A.M. Peak Hour		P.M. Peah Hour	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
US13 at Scarborough Rd	50.0	D	53.4	D	51.5	D	54.2	D
Scarborough Road at Delaware Tech Dr / Crawford Carrol Ave	12.2	B	17.0	B	12.3	B	17.2	B
McKee Rd at Scarborough Rd	26.5	C	27.0	C	29.6	C	28.3	C
McKee Rd at College Rd	23.0	C	25.4	C	23.1	C	25.3	C
McKee Rd / Saulsbury Rd at Walker Rd	29.0	C	25.4	C	29.2	C	25.2	C
Saulsbury Rd at SR8	52.6	D	51.6	D	51.7	D	50.2	D
SR8 at US13	41.9	D	78.8	E	40.3	D	76.3	E
Saulsbury Rd at Gateway Blvd	16.0	B	28.4	C	15.7	B	28.3	B
Saulsbury Rd / POW/MIA Pkwy at North St / Hazletville Rd	44.6	D	37.4	D	47.6	D	37.6	D
POW/MIA Pkwy at EB Wyoming Mill Spur / Delmarva Corrugated Metal	29.5	C	41.6	D	31.8	C	43.6	D
POW/MIA Pkwy at Baden Powell Way	15.0	B	27.1	C	15.6	B	28.9	C
POW / MIA Pkwy at US13	38.0	D	51.2	D	40.9	D	52.6	D

The impacted intersections within the study limits would not experience any detrimental decline in traffic operations as a result of the SR 8 Downtown Truck Restriction.

SR 8 Downtown Dover Truck Restriction Travel Time



- Trucks diverted from SR 8 would not experience an increase in travel time exceeding ***two minutes*** under current A.M. or P.M. peak hour traffic conditions.
- Based on results of the travel time assessment, ***diverted trucks within the study limits would not experience unreasonable increase in travel time as a result of the SR 8 Truck Restriction through Downtown Dover.***



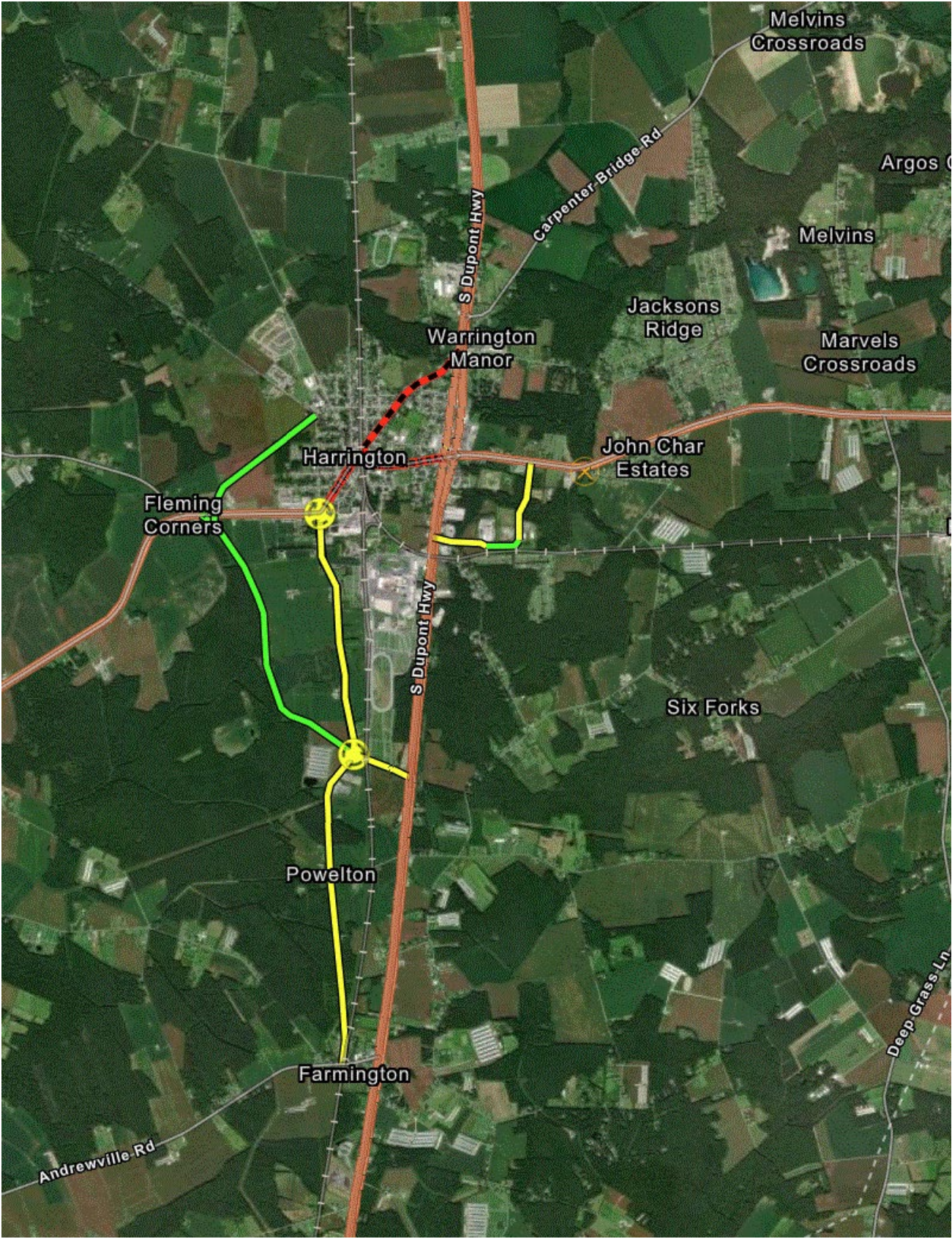
Legend

- 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



Legend

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

Truck Restrictions

STATUS

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- Explore Feasibility of Adding Truck Restriction

E/W Freight Routes Phase 2

Prioritization Matrix

Criteria	Method of Measurement		Measurment Ranges	Overall Score	Comments
Number of Trucks Benefitting	Number of Trips		> 20	5	
			16-20	4	
			11-15	3	
			6-10	2	
			0-5	1	
Impediments Removed	Width	1	>4	5	
	Weight	3	4	4	
	Turning Movements	2	3	3	
			2	2	
			1	1	
Travel Time Savings / Fuel	Highest savings gets max score of 5		Project with highest savings	5	
			Other projects are prorated based on percentage comparison to highest savings project		
Bottlenecks	Is the project located on an identified bottleneck		Yes	1	
			No	0	
Industry and Local Support	Is the project desired by the local community and the surrounding industries		Yes	1	
			No	0	

Thank You

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