

Phase 2 Working Group Meeting #1

April 29, 2019





Agenda

- Introduction
- Recap of Phase 1 results
- Phase 2 implementation plan review
- Public comment





Introduction

Welcome

- Secretary Jennifer Cohan, Delaware Department of Transportation
- Todd Lawson, Sussex County
- Self-introductions

Summary of notebook materials

- Agenda
- Presentation
- Phase 2 implementation plan

Discussion of Working Group guidelines





Working group guidelines

Expectations

- Participate actively throughout the process
 - 11 of the 20 Working Group members
 must be present to meet
- Represent broader views
 in addition to individual views
- Offer suggestions to DeIDOT and Sussex County





Working group guidelines

How we treat each other

- Each member has an equal right to speak and ask questions.
- Each member is encouraged to share individual viewpoints. Individual opinions are valid whether others agree with them or not.
- We will listen to, respect and seek to understand the views of others, particularly those perspectives that differ from our own.
- Disagreements will be explored, not suppressed.
- We will be courteous when addressing other committee members, staff and consultants.
- We will refrain from interrupting each other, staff or consultants.
- We will keep our comments relevant to the topic under discussion.
- We will focus on opportunities for the future, not past issues.

Working group guidelines

How we communicate

- Ideas discussed within the Working Group should not be presented as representing the position of the Working Group without the agreement of the Working Group.
- When speaking about the work of the Working Group outside of meetings, members are speaking for themselves only unless speaking from approved documents or positions of the Working Group.
- In order to comply with FOIA, email communications between members of the Working Group should be sent through the DeIDOT project team.







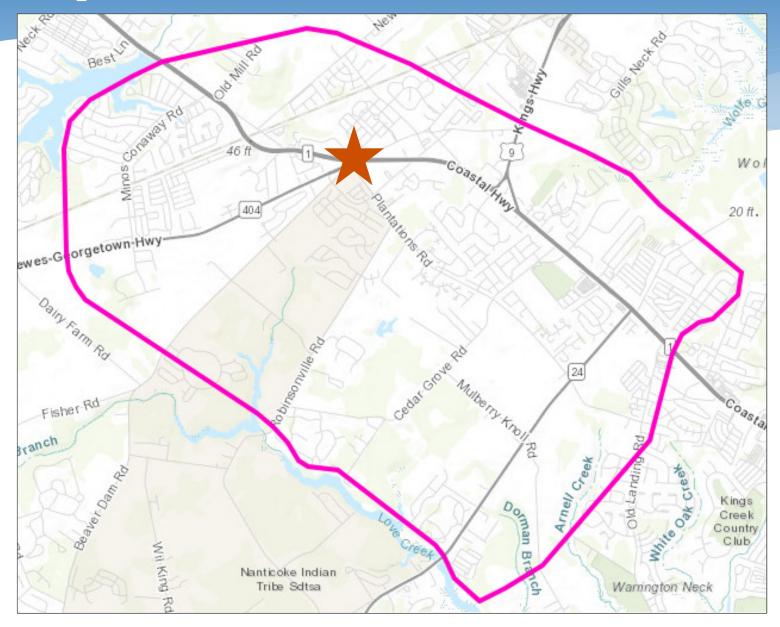




- Partnership between DeIDOT and Sussex County
- Goal of Phase 1 was to develop recommendations to improve local traffic circulation at Five Points and in the surrounding area
- Guided by a Working Group representing a cross section of the community







- 10 WG meetings
- 2 public workshops

I.G. Burton George Cole Robert Fischer Dennis Forney Scott Green R. Keller Hopkins Christian Hudson DJ Hughes



Todd Lawson Sen. Ernesto B. Lopez Lloyd Schmitz Rep. Peter Schwartzkopf Rep. Steve Smyk Josh Thomas Ann Marie Townshend Gail Van Gilder



78 recommendations in five categories

(see handout)

	DelDOT	internal re		ATION STUDY RECOMMENDATIONS	Cost \$ \$200K \$\$ \$200K - \$2M \$\$\$\$ \$200K - \$20M \$\$\$\$\$\$ \$20M - \$200M \$		me <3 years 3-10 years >10 years	00	Low Medium High				
ategory	ID	Priority	Old idea no.	Working Group recommendation	Assumed lead agency	Other responsible parties (if any)	Study cost	Study timeframe	Imp. cost	Imp. timeframe	Imp. impacts	Status	Remarks (public)
		N/A	25	Review the need for grade separating or restricting crossings between Frederica and Lewes before eliminating signals in this area	DelDOT - PD South		\$	•	N/A	N/A	N/A	COMPLETE	A memorandum summarizing this effort can be found at [link].
		N/A	42	Evaluate Tulip Drive connection to Route 1 as part of the Minos Conaway Road grade separation project	DelDOT - PD South		s	•	\$\$		00	COMPLETE	This connection is now part of the project. Project information can I found at https://www.deldot.gov/information/projects/SR1MinosConaway/ dex.html.
		N/A	53	Study the feasibility of increasing the proposed Route 24 bypass of Millsboro from one lane in each direction to two lanes in each direction	DelDOT - PD South		55		\$555		000	COMPLETE	This effort was completed as part of the US 113 Millsboro-South An Supplemental DEIS. A two-lane bypass was found to be adequate fo future demand. A memorandum summariding traffic projections fo the Route 24 bypass can be found at [Ink].
		N/A	54	Study options for signage to direct appropriate traffic, i.e. local, boat, U of D and walking/biking areas, under the Nassau Bridge	DelDOT - PD South		s	•	TBD	TBD	TBD	IN PROGRESS	This will be addressed as part of the Minos Conaway project. Documentation of signing will be available when semi-final plans ar completed and the public will have the opportunity to comment. Se A-2 above for a link to project information.
		N/A	55	Evaluate one-way service roads as part of the Minos Conaway Road grade separation project	DelDOT - PD South		s	•	55		••	COMPLETE	Service roads are now part of the project. Project information can b found at https://www.deldot.gov/information/projects/SR1MinosConaway/ dex.shtml.
		N/A	82	Study the feasibility of extending the eastbound widening of Route 24 to Love Creek	DelDOT - PD South		s		555		000	COMPLETE	The current project, design of which is nearing completion, extend the four-lane section on SR 24 to a point west of Beacon Middle School. Widening to three lanes (one through lane in each directio plus a center left-turn lane) will extend to the Love Creek bridge.
		N/A	83	Study the feasibility of widening or adding through lanes on Plantation Road from Route 24 to Cedar Grove Road and Postal Lane	DelDOT - PD South/Planning		\$	•	555		•••	IN PROGRESS	Coordinate with E-2 and E-3.
		Y	34	Require new developments to plan for interconnections to any future development areas and monitor to ensure implementation	Sussex County	DelDOT	\$	•	N/A	N/A	N/A	Priority recommendation for 2019	Addressed in the County's comprehensive plan and currently required for commercial properties. Implementation for residentia developments will be considered.
		Y	86	additional butters/setbacks for all new developments for future road expansion	Sussex County	DelDOT	\$	•	N/A	N/A	N/A	Priority recommendation for 2019	Addressed in the County's 2018 comprehensive plan update; mor- work is needed.
		Y	4	Lewes and Dewey Beach) to use Route 113, Route 5, Route 23, etc.	DelDOT - Traffic	Private partner(s) such as Waze	\$	•	\$\$	•	٥	Priority recommendation for 2019	Additional signs will be installed on southbound SR 1 north of Thompsonville Road to identify municipal destinations and distance Installation is planned for 2019.
		Y	91	Improve advance acquisition process to allow DeIDOT to more quickly acquire land needed for transportation improvements and acquire available land within the Five Points Study Area (e.g., Creative Concepts)	General Assembly	DelDOT	\$		N/A	N/A	N/A	COMPLETE	New advance acquisition regulations were approved in 2018. Now proactive purchases will be feasible.
		Y	50	Study the feasibility of converting the Arby's driveway between Route 1 and Savannah Road into a publicly-accessible road	DelDOT - Planning	DelDOT - Real Estate; property owners	\$	•	55		۰	Priority recommendation for 2019	
		Y	14	Incorporate more walkable, bikeable, mixed-use town centers into the comprehensive plan	Sussex County		\$	•	N/A	N/A	N/A	Longer-term	

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7 recommendations (Category A) are being addressed by current DeIDOT projects and initiatives, including:

- Modifications to current capital projects: Route 1/Minos Conaway Road, Route 24, Plantation Road
- Route 24 North Millsboro Bypass
- Route 1 Corridor Capacity Preservation
 Program





27 recommendations (Category B) are to "implement policies and procedures to make the area more efficient, sustainable and beautiful." Eight priorities were identified, including:

- Updates to development regulations
- Signing improvements
- Advancing TIDs
- Parking management system
- Advance acquisition process improvements (now complete)





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20 recommendations (Category C) are to "make the most of existing roadway infrastructure." Ten priorities were identified, including:

- Study to widen US 9
- Various intersection improvements
- Canary Creek bridge on New Road
- Selected improvements on existing roads
- Continued signal timing/phasing improvements





15 recommendations (Category D) are to "make walking, bicycling, and transit more viable as alternatives to driving." Six priorities were identified, including:

- Transit service improvements
- Walking/bicycling connections between neighborhoods
- Filling sidewalk gaps
- Studying pedestrian bridges over Route 1





9 recommendations (Category E) are to "invest in new infrastructure to support anticipated growth." Three priorities were identified:

- Study a grade separation at Five Points
- Study a new road parallel to and west of Plantation Road
- Plan for grid road patterns in the area





Implement policies and procedures to make the area more efficient, sustainable and beautiful (8 priorities out of 27 recommendations)

Make the most of existing roadway infrastructure (8 priorities out of 20 recommendations)

Make walking, bicycling, and transit more viable as alternatives to driving (5 priorities out of 15 recommendations)

Invest in new infrastructure to support anticipated growth (3 priorities out of 9 recommendations)





Commitments made in Phase 1:

- DeIDOT and Sussex County will start to act on the Working Group's recommendations
- The Working Group will remain involved in Phase 2
- DelDOT and Sussex County will report on progress on a regular basis











Progress is already being made

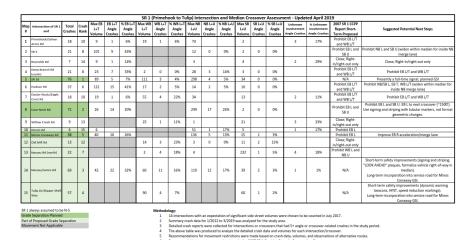
- 8 recommendations are complete or being incorporated into other projects
- 13 initiatives are in progress
- 15 additional recommendations will be addressed starting in 2019
- Examples of progress to date:





SR 1 Intersection and Median Crossover Assessment (see handout)

- Collected July 2017 traffic counts
- Analyzed crash data from January 2012 to March 2019
- Developed recommendations and compared to 2007 Corridor Capacity Preservation Program



Regional Systems Planning



Nine short-term recommendations (see handout)

Three currently in design

- SR 5
- Hudson Road/Steamboat Landing Road
- Oyster Rocks Road/Eagle **Crest Road**



SR 1 (Primehook Road to Tulip Drive) Intersection and Median Crossover Assessment **Executive Summary** April 24, 2019

As a follow-up action item from the November 11, 2016 public workshop for the SR 1 and SR 16 grade-separated intersection, DeIDOT recently performed a corridor-wide study to investigate safety enhancements along SR 1 at the unsignalized intersections and median crossovers from Primehook Road/Sylvan Acres Road to Tulip Drive/Slipper Shell Way. Along this approximately 9-mile corridor, 15 intersections were extensively studied. There are 22 additional intersections and crossovers with significantly lower traffic volumes and crash frequencies that were also screened for safety and operational concerns. Crash history from January 2012 to March 2019 and vehicular volumes from summer 2017 were used in analyzing the 15 study intersections. Eight intersections have suggested short-term improvements 21 crashes Prohibit northbound SR 1 left turns and southbound u-(Rank #8) turns Wildon northbound SR 1 4 2 – SR 5 turns. Widen northbound SR 1 to provide a free-flowing, inside merge lane for eastbound SR 5 left turns. 7 crashes Close the median crossove (Rank #14) 3 - Revnolds Road 4 - Deep Branch Road Prohibit eastbound and westbound Deep Branch Rd left (north end) turns and thru movements. 6 – Hudson Road/ Steamboat Prohibit northbound and southbound SR 1 left turns, westbound left turns, and eastbound and westbound 6 Landing Road thru movements. Widen northbound SR 1 to provide a free-flowing, inside merge lane for eastbound Hudson 7 7 – Oyster Rocks Road/Eagle Crest Road 18 crashes Prohibit eastbound Eagle Crest Rd and westbound (Rank #10) Oyster Rocks Rd left turns and thru movements. 8 - Cave Neck Road 8 38 crashes Consider improving the eastbound Minos Conaway Rd (Rank #5) right-turn acceleration/merce lane onto contributed 11 - Minos Conaway Road right-turn acceleration/merge lane onto southbound SR 1. 14 - Nassau Road/ 69 crashes (Rank #3) Install short-term safety improvements to reduce the likelihood of angle crashes. Long term, incorporate access into the service roads for the Minos Conaway Rd Janice Road 14 15 grade-separated intersection 15 - Tulip Drive/ Install short-term safety improvements to reduce the Slipper Shell Wav likelihood of rear-end crashes. Long term, incorporate access into the service roads for the Minos Conaway Rd grade-separated intersection WRA



DelDOT

Bike box on Dartmouth Drive at SR 1





Category B complete:

- B-4: Advance acquisition process improvements
- B-23: App to warn people of congestion and recommend alternative routes





Category B in progress:

- B-7: Continue TID studies east and west of Route 1
- B-9: Study New Road per Byway Master Plan
- B-13: Study alternatives to both meter and slow southbound traffic approaching Five Points
- B-21: Study emergency vehicle pre-emption
- B-22: Require bike parking in new developments





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Category B priorities for 2019:

- B-1: Require new development to plan for interconnections
- B-2: Consider additional buffers/setbacks
- B-3: Study modifying SB signage in Milford
- B-5: Study Arby's driveway





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Category C complete:

 C-2: Signal warrant study at Route 9 and Minos Conaway Road





Category C in progress:

- C-3: Improve Old Landing and Warrington Road
- C-4: Improve Canary Creek bridge
- C-5: Improve Cave Neck/Sweet Briar/Hudson
- C-9: Short-term improvements at Route
 9/Plantation/Beaver Dam
- C-10: Continue to improve traffic signal phasing, timing, and coordination
- C-13: Study crossovers on Route 1





Category C priorities for 2019:

- C-1: Corridor study on Route 9
- C-7: Feasibility study for improving Minos Conaway Road
- C-8: Feasibility study for restriping sections of Savannah Road with a two-way left-turn lane
- C-19: Study all-way STOP at Beaver Dam/Kendale





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Category D in progress:

- D-14: Feasibility study for bicyclist left turns from Dartmouth Drive
- D-15: Study opportunities for pedestrian crossings on Kings Highway and Freeman Highway





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Category D priorities for 2019:

- D-1: Feasibility study for van or jitney service loop
- D-4: Study of sidewalk gaps along New Road and Old Orchard Road
- D-5: Study of sidewalk gaps along Savannah Road between Lewes and Five Points
- D-7: Feasibility study for transit service in the Milton/Red Mill Pond/Minos Conaway Road area





Category E priorities for 2019:

- E-2: Study a new road parallel to and west of Plantation Road
- E-3: Plan for grid road patterns in the area





- DelDOT and Sussex County will start to act on the Working Group's recommendations
 - Draft implementation plan is in place
 - Individual projects, as they move forward, will remain connected to the overall Five **Points framework**
 - Your effort will help us establish "purpose and need" for these projects





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The Phase 2 Working Group will advise on implementation

 DelDOT and the County appreciate the Working Group providing the local knowledge needed to implement projects successfully





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- What will the group do?
 - Meet 2-3 times per year
 - Monitor the progress of the implementation plan
 - Support the project development process as champions and advocates for individual projects that arise from the Five Points Transportation Study





DelDOT and Sussex County will report on progress on a regular basis

- Public outreach, including an annual public workshop for the overall Five Points Transportation Study, will continue
- An annual report will be prepared
- As usual, public workshops will be held for individual capital projects as they proceed





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Proposed next steps

- Email stakeholders to make the public aware of the implementation plan
- Begin work on 2019 priorities
- Convene the Working Group again in the fall
- Prepare the first annual report, showing progress made in 2019, in early 2020
- Hold the first annual Phase 2 public workshop in spring 2020





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Public comment







Thank you for your participation!

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