

FIVE POINTS TRANSPORTATION STUDY
IMPLEMENTATION PLAN STATUS REPORT

Updated October 2019 (red text indicates changes since previous update)

\$ < \$200K * <3 years ◇ Low
\$\$ \$200K - \$2M ** 3-10 years ◇ ◇ Medium
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Category	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
A	1	N/A	25	Review the need for grade separating or restricting crossings between Frederica and Lewes before eliminating signals in this area	DeIDOT - Traffic		\$	*	N/A	N/A	N/A	IN PROGRESS	Studies are being conducted to develop a plan for unsignalized crossovers. This is an ongoing effort.
A	2	N/A	42	Evaluate Tulip Drive connection to Route 1 as part of the Minos Conaway Road grade separation project	DeIDOT - PD South		\$	*	\$\$	**	◇ ◇	COMPLETE	Tulip Drive connection is now part of the Minos Conaway project.
A	3	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	DeIDOT - PD South		\$\$	**	\$\$\$\$	**	◇ ◇ ◇	COMPLETE	This effort was completed as part of the US 113 Millsboro-South Area Supplemental DEIS. A two-lane bypass was found to be adequate for future demand.
A	4	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	DeIDOT - PD South		\$	*	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 are completed and the public will have the opportunity to comment.
A	5	N/A	55	Evaluate one-way service roads as part of the Minos Conaway Road grade separation project	DeIDOT - PD South		\$	*	\$\$	**	◇ ◇	COMPLETE	Service roads are now part of the project. Please see the project page for additional information.
A	6	N/A	82	Study the feasibility of extending the eastbound widening of Route 24 to Love Creek	DeIDOT - PD South		\$	*	\$\$\$	**	◇ ◇ ◇	COMPLETE	The current project, design of which is nearing completion, extends the four-lane section on SR 24 to a point west of Beacon Middle School. Widening to three lanes (one through lane in each direction plus a center left-turn lane) will extend to the Love Creek bridge. The Henlopen TID study anticipates that widening of the bridge will be needed by 2040.
A	7	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	DeIDOT - PD South/Planning		\$	*	\$\$\$	**	◇ ◇ ◇	IN PROGRESS	The Henlopen TID effort is studying widening of Plantation Road and an extension of Mulberry Knoll Road. See recommendations E-2 and E-3.
B	1	Y	34	Require new developments to plan for interconnections to any future development areas and monitor to ensure implementation	Sussex County	DeIDOT	\$	*	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 residential developments will be considered.
B	2	Y	86	Consider modifications to land development requirements and/or the Development Coordination Manual that require additional buffers/setbacks for all new developments for future road expansion	Sussex County	DeIDOT	\$	*	N/A	N/A	N/A	Priority recommendation for 2019	Addressed in the County's 2018 comprehensive plan update; more work is needed.
B	3	Y	4	Study the feasibility and anticipated effectiveness of modifying signage, starting in Milford, to encourage through drivers (to points outside the Route 1 corridor between Lewes and Dewey Beach) to use Route 113, Route 5, Route 23, etc.	DeIDOT - Traffic	Private partner(s) such as Waze	\$	*	\$\$	*	◇	COMPLETE	An additional sign was installed on southbound SR 1 south of Thompsonville Road to identify municipal destinations and distances. Anticipated effectiveness of guide signs is decreasing as more and more people rely on GPS/route guidance systems.
B	4	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	DeIDOT	\$	**	N/A	N/A	N/A	COMPLETE	New advance acquisition regulations were approved in 2018. Now proactive purchases will be feasible.
B	5	Y	50	Study the feasibility of converting the Arby's driveway between Route 1 and Savannah Road into a publicly-accessible road	DeIDOT - Planning	DeIDOT - Real Estate and PD South; property owners	\$	*	\$\$	**	◇	IN PROGRESS	DeIDOT is reviewing potential options. Coordinate with B-1 and C-12.
B	6	Y	14	Incorporate more walkable, bikeable, mixed-use town centers into the	Sussex County		\$	*	N/A	N/A	N/A	Longer term	

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B	7	Y	89	Continue TID studies both east and west of Route 1	DeIDOT - Planning	Sussex County, City of Lewes	\$\$	*	TBD	TBD	TBD	IN PROGRESS	The Henlopen TID study (west of Route 1) future year traffic analysis and identification of improvements is completed and was reviewed with County staff this fall. Sussex County and DeIDOT are working to identify next steps, including public involvement. That study conducted traffic analysis related to Recommendations A-6, A-7, C-1, C-3, C-7, C-19, E-2, and E-3. Discussions regarding the Lewes TID on the east side of Route 1 are pending completion of the New Road Master Plan
B	8	Y	62	Study the feasibility of a parking management system to alert travelers when parking lots at major destinations are full	DeIDOT - Planning	DeIDOT Traffic, property owners, businesses, DNREC, private partner(s)	\$\$	*	\$\$\$	**	◊	Longer-term	
B	9	N	69	Study enhancing New Road per Byway Master Plan	Delaware Greenways; DeIDOT - Planning	City of Lewes	N/A	N/A	\$\$\$	**	◊ ◊ ◊	IN PROGRESS	A Master Plan study is underway. See https://delawaregreenways.org/new-road-master-plan/ .
B	10	N	94	Endorse "don't block the box" legislation with camera enforcement	General Assembly	Delaware State Police, DeIDOT	\$	**	\$\$	*	◊	Longer-term	
B	11	N	87	Ensure cost savings from transportation projects within the study area are re-invested in projects within the study area	General Assembly		\$	*	N/A	N/A	N/A	Longer-term	
B	12	N	15	Study relaxed height limits as part of the comprehensive plan to increase density	Sussex County		\$	*	N/A	N/A	N/A	Longer-term	
B	13	N	95	Study alternatives to both meter and slow southbound traffic approaching Five Points	DeIDOT		\$	*	TBD	TBD	TBD	IN PROGRESS	DeIDOT has implemented speed reduction pavement markings along SR 1 southbound approaching the Nassau Bridge. Performance of pavement markings will be evaluated; if additional measures are needed, they will be considered. Coordinate with A-1.
B	14	N	36	Identify locations where trees can safely be planted within the right of way	DeIDOT		\$	*	\$\$	**	◊	Longer-term	
B	15	N	17	Identify all locations in the study area with poor drainage and make recommendations for potential inclusion in the Capital Transportation Program or developer requirements	DeIDOT	Sussex County	\$	*	\$\$\$	***	◊ ◊	Longer-term	
B	16	N	16	Increase the importance of considering noise and lighting impacts of major transportation project recommendations per regulations	DeIDOT		\$	*	N/A	N/A	N/A	Longer-term	
B	17	N	56	Evaluate the use of land made available by narrowing lanes for landscape and multi-modal trails or parks	DeIDOT		\$	*	\$\$	**	◊	Longer-term	
B	18	N	26	Study potential locations and designs for aesthetically pleasing gateways to coastal Sussex County	Sussex County	DeIDOT, City of Lewes, Byway Committee	\$	*	\$\$	**	◊	Longer-term	
B	19	N	75	Study the feasibility of mounting clear, consistent, day/night address/block numbering signage along Route 1	DeIDOT	Sussex County Tourism	\$	*	\$\$	*	◊	Longer-term	
B	20	N	80	Consider whether CTP funding should be allocated based on population growth	DeIDOT	Council on Transportation	\$	**	N/A	N/A	N/A	Longer-term	
B	21	N	7	Study frequency and causes of emergency vehicle preemption and make recommendations to balance emergency vehicle access with traveler mobility	DeIDOT	Emergency service providers	\$	*	\$\$	*	◊	IN PROGRESS	DeIDOT is studying the frequency of emergency vehicle pre-emption. DeIDOT has completed a signal hardware update and is in the process of installing new equipment that should reduce the disruption of pre-emption. Replacements in the study area should be completed by the end of the year.
B	22	N	2	Require bike parking as a condition of certain new developments	Sussex County		\$	*	N/A	N/A	N/A	IN PROGRESS	Discussions with developers occur as plans are submitted. Bike parking recommendations are made for some site plans.
B	23	N	35	Use an app to warn people of congestion on Route 1 and recommend alternative routes	DeIDOT		\$	*	N/A	N/A	N/A	COMPLETE	DeIDOT app is in place and continually being updated.

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B	24	N	49	Improve tourism-oriented destination signage along Route 1	Sussex County Tourism	DeIDOT	\$	*	\$	*	◊	Longer-term	
B	25	N	28	Identify the costs and benefits of dedicating Nassau Commons Boulevard to public use	DeIDOT	Sussex County, property owner	\$	*	\$\$	**	◊ ◊	Longer-term	
B	26	N	21	Bring in nationally recognized planners and engineers to provide new, creative ideas that draw from examples in other parts of the country	DeIDOT	Sussex County	\$	*	N/A	N/A	N/A	Longer-term	
B	27	N	9	Develop a better process for constituents to request transportation improvements	DeIDOT	General Assembly, Sussex County, Council on Transportation	\$	*	N/A	N/A	N/A	Longer-term	
C	1	Y	20	Conduct a corridor study on Route 9 to determine the feasibility of widening to four lanes	DeIDOT - Planning		\$\$	**	\$\$\$\$	***	◊ ◊ ◊	IN PROGRESS	Being considered by Henlopen TID study, with limits from Ward Avenue to just west of Old Vine Boulevard. DeIDOT will initiate a planning study for this effort. A project is proposed in the FY 21 - 26 CTP.
C	2	Y	72	Conduct a study at Route 9 and Minos Conaway Road to determine if a traffic signal is warranted and install a signal if warranted	DeIDOT - Traffic		\$	*	\$\$	*	◊	COMPLETE	Study is complete, recommending installation of a southbound right-turn lane on Minos Conaway Road and keeping stop sign control. A project is proposed in the FY 21 - 26 CTP.
C	3	Y	64	Initiate a capital project to improve the intersection of Old Landing and Warrington Road (developer funding and concept are	DeIDOT - PD South		N/A	N/A	\$\$\$	**	◊ ◊	IN PROGRESS	A project is proposed in the FY 21 - 26 CTP.
C	4	Y	11	Improve the Canary Creek bridge on New Road to reduce flooding	DeIDOT - Bridge		N/A	N/A	\$\$\$	**	◊ ◊ ◊	IN PROGRESS	A project has been initiated under DeIDOT's Bridges/State of Good Repair budget. It cannot be constructed until after the Old Orchard Road/Savannah Road intersection project is complete.
C	5	Y	92	Improve the intersection of Cave Neck Road, Sweet Briar Road, and Hudson Road	DeIDOT - PD South (in CTP)		\$	*	\$\$\$	**	◊ ◊	IN PROGRESS	Short-term modifications were recently completed and are being monitored in December 2018 and June 2019. Further improvements are proposed for the later years of the Capital Transportation Program.
C	6	Y	102	Study the feasibility of lengthening left- and right-turn lanes throughout the study area	DeIDOT - Traffic		\$	*	\$\$\$\$	***	◊ ◊ ◊	Longer-term	It would be helpful to understand critical locations, some of which could be addressed in the short term.
C	7	Y	104	Study the feasibility of improving Minos Conaway Road with appropriate lane widths, shoulder widths, turn lanes, curvature, etc.	DeIDOT - Planning/Traffic		\$	*	\$\$\$	***	◊ ◊ ◊	IN PROGRESS	A curve compliance study completed in February 2019 and signage improvements were implemented in March 2019. A preliminary concept is being considered as part of the Henlopen TID study.
C	8	Y	103	Study the feasibility of restriping two-lane sections of Savannah Road with a two-way left-turn lane	DeIDOT - Traffic		\$	*	\$\$	**	◊	IN PROGRESS	An assessment has been prepared. Providing a two-way left-turn lane is potentially feasible, but there are pros and cons to this idea. Implementation would likely involve more than striping.
C	9	Y*	73	Evaluate potential short-term safety and operational improvements at Route 9, Plantation Road, and Beaver Dam Road while longer-term improvements are under development	DeIDOT Traffic/PD South		\$	*	\$	*	◊	IN PROGRESS	Evaluating extension of the second westbound Route 9 through lane west of the Plantation Road connector. Initial study shows that this improvement may have some safety benefits. Potential direct access to Lowe's from Route 1 may reduce traffic at this location.
C	10	Y*	32	Continue to improve traffic signal phasing, timing and coordination using real time monitoring and control technologies	DeIDOT - Traffic		\$	*	\$	*	◊	IN PROGRESS	This is a core function of DeIDOT Traffic, and is done on an ongoing basis. Pre-emption improvements are in progress; see recommendation B-21.
C	11	N	68	Develop concepts and estimates for bringing roads in the study area to DeIDOT standard, including shoulders	DeIDOT		\$\$	**	\$\$\$\$\$	***	◊ ◊ ◊	Longer-term	Sussex County recently introduced an ordinance to upgrade standards for new roads as they are built.
C	12	N	98	Study access management opportunities along Route 1 in the study area, including potential connections between businesses	DeIDOT	Sussex County	\$	*	\$\$\$	**	◊ ◊ ◊	Longer-term	Consideration of direct access to Lowe's from Route 1 may be considered in the short term.
C	13	N	22	Study the feasibility of eliminating unsignalized crossovers on Route 1	DeIDOT		\$	*	\$\$	**	◊	Longer-term	

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C	14	N	51	Study the feasibility of installing a “YOUR SPEED” display on southbound Route 1 at	General Assembly	DeIDOT	\$	*	\$	*	◇	Longer-term	
C	15	N	38	Study the feasibility of lengthening the southbound acceleration lane on Route 1 at Minos Conaway Road	DeIDOT		\$	*	\$\$	*	◇	Longer-term	
C	16	N	84	Study the feasibility of providing driveway access from Beacon Middle School and Love Creek Elementary School onto Mulberry Knoll	DeIDOT	Sussex County, Cape Henlopen School District	\$	*	\$\$\$	**	◇ ◇	Longer-term	
C	17	N	27	Conduct capacity analyses at study area intersections to identify the need for turn lanes	DeIDOT		\$\$	*	\$\$\$\$	**	◇ ◇	Longer-term	
C	18	N	60	Improve lane markings and signs at identified intersections: Five Points, Dartmouth Drive/Kings Highway, Plantation Road/Beaver	DeIDOT		\$	*	\$	*	◇	Longer-term	Immediate maintenance concerns are being addressed now.
C	19	N	78	Study the feasibility of an all-way STOP at Beaver Dam Road and Kendale Road	DeIDOT		\$	*	\$	*	◇	IN PROGRESS	Being considered by Henlopen TID study.
C	20	N	48	Study the feasibility of replacing the HAWK signal with a full signal at Holland Glade Road, potentially with a fourth leg at the outlets	DeIDOT - Development Coordination		\$	*	\$\$	*	◇	IN PROGRESS	DeIDOT is studying how this could be implemented in conjunction with development activity.
D	1	Y	79	Study the feasibility of a hop-on, hop-off van or jitney service loop for Lewes similar to free service in Cape May (Five Points, hospital, Lloyds Grocery Store, downtown Lewes, Library, Lewes Beach, Ferry, State Park, etc.)	DTC	City of Lewes, DRBA	\$	*	\$\$	*	◇	Priority recommendation for 2019	
D	2	Y	5	Study the feasibility of potential connections for walking and bicycling between existing neighborhoods, along streets, and to trails	Sussex County (as part of comprehensive plan)	DeIDOT - Planning	\$\$	*	\$\$\$	***	◇ ◇	Longer-term	A new Mobility Committee is proposed under the comprehensive plan. This committee and/or the Working Group could play a role in this effort.
D	3	Y	96	Develop design guidance to separate pedestrians and bicyclists from highway traffic using aesthetic treatments	DeIDOT	Sussex County	\$	*	TBD	TBD	TBD	Longer-term	
D	4	Y	90	Develop concepts and estimates for filling all sidewalk gaps along New Road and Old Orchard Road	DeIDOT - Planning		\$	*	\$\$\$	**	◇ ◇ ◇	IN PROGRESS	Portions will be built by current CTP projects on Old Orchard Road and SR 1/Minos Conaway Road, as well as by developer projects. The New Road Master Plan will identify remaining gaps on New Road.
D	5	Y	71	Develop concepts and estimates for filling all sidewalk gaps along Savannah Road between Lewes and Five Points	DeIDOT - Planning		\$	*	\$\$\$	**	◇ ◇ ◇	IN PROGRESS	Portions will be built by current CTP projects on Old Orchard Road and on Savannah Road (between the Georgetown-Lewes Trail and Quaker Road). Assessment of remaining gaps is underway. To be coordinated with C-8.
D	6	Y*	52	Study the feasibility of pedestrian bridges over Route 1 at specific locations	DeIDOT		\$	*	\$\$\$	***	◇ ◇	Longer-term	
D	7	N	59	Study the feasibility of transit service to tie the Milton/Red Mill Pond/Minos Conaway Road area into the transit network	DTC		\$	*	\$\$	*	◇	Priority recommendation for 2019	
D	8	N	81	Study the feasibility of a park and ride lot on Route 24 at the edge of the study area	DTC	DeIDOT	\$	*	\$\$\$	**	◇ ◇ ◇	Longer-term	
D	9	N	23	Identify potential connections to and from the Lewes Transit Center	DeIDOT		\$	*	\$\$	**	◇	Longer-term	
D	10	N	6	Study the feasibility of a barrier in the median of Route 1 to deter pedestrian crossings at inappropriate locations	DeIDOT		\$	*	\$\$\$	**	◇	Longer-term	
D	11	N	67	Study the feasibility of providing shelters at bus stops - Context Sensitive i.e. cottage beach style shelters	DTC		\$	*	\$\$	*	◇	Longer-term	
D	12	N	41	Identify publicly- and privately-owned land in the study area that may be used for trails	DeIDOT		\$	*	\$\$\$\$	***	◇ ◇	Longer-term	
D	13	N	1	Identify locations in the study area where bike parking can be provided	DeIDOT		\$	*	\$	*	◇	Longer-term	

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D14	N	43	Study the feasibility of signing and/or pavement markings that will improve bicyclist comfort turning left from Dartmouth Drive onto Route 1	DeIDOT - Traffic		\$	*	\$	*	◊	IN PROGRESS	Bike box design is complete, but the bike box concept will be introduced at a less complex location first. In the meantime, bicyclists may cross SR 1 with pedestrian signals. Additional safety measures may be considered as part of the CTP project on Kings Highway.
D15	N	47	Study opportunities for pedestrian crossings on Kings Highway and Freeman Highway	DeIDOT		\$	*	\$\$	**	◊	IN PROGRESS	Signs were installed in May 2018. Additional pedestrian facilities may be included with the Kings Highway CTP project as proposed by the Kings Highway/Gills Neck Road Byway Master Plan.
E1	Y	66	Study the feasibility of a grade separation at Five Points	DeIDOT - Planning		\$\$	**	\$\$\$\$	***	◊ ◊ ◊	Longer-term	This effort will depend on the results of studies under A-7, E-2, and E-3. Additionally, the shorter term improvements and CTP projects will impact the scope of the study as well.
E2	Y	70	Evaluate the potential transportation benefits, costs, and impacts of a new road parallel to Plantation Road connecting Mulberry Knoll Road to Route 9; require any new development in this area to build this road to state specifications one parcel at a time	DeIDOT - Planning	Sussex County	\$\$	**	\$\$\$\$	***	◊ ◊ ◊	IN PROGRESS	Idea is being considered as part of the Henlopen TID study. DeIDOT will initiate a planning study for this effort. Coordinate with A-7 and E-3.
E3	Y	8	Develop a plan for grid road patterns where land is available, working with property owners and developers, including a series of roads that connect Route 9, Route 23, and Route 24 between Plantation Road and Dairy Farm Road	DeIDOT - Planning	Sussex County, property owners and developers	\$\$	**	\$\$\$\$	***	◊ ◊ ◊	IN PROGRESS	Idea is being considered as part of the Henlopen TID study. Coordinate with A-7 and E-3.
E4	N	29	Evaluate the potential transportation benefits, costs, and impacts of a new road connecting Route 1 north of Five Points and the Vineyards	DeIDOT		\$\$	**	\$\$\$	***	◊ ◊ ◊	Longer-term	
E5	N	44	Look at east/west traffic as a system: Minos Conaway (starting at Route 9), New, Old Orchard, and Clay Roads	DeIDOT - Planning, PD South		\$\$	*	TBD	TBD	TBD	Longer-term	
E6	N	57	Study the feasibility, benefits, costs, and impacts of potential service roads along Route 1, including whether narrowing the median would facilitate provision of service roads	DeIDOT		\$\$	**	\$\$\$\$\$	***	◊ ◊ ◊	Longer-term	
E7	N	77	Evaluate the potential transportation benefits, costs, and impacts of a new through road connecting Postal Lane with the intersection of Old Landing Road/Airport Road	DeIDOT		\$\$	**	\$\$\$	***	◊ ◊ ◊	Longer-term	
E8	N	85	Evaluate the potential transportation benefits, costs, and impacts of a new road to connect Route 24 near Beacon Middle School with Old Landing Road near Arnell Creek	DeIDOT		\$\$	**	\$\$\$	***	◊ ◊ ◊	Longer-term	
E9	N	30	Revisit and consider feasibility of recommendations from 2003 SR 1 Land Use and Transportation Study	DeIDOT		\$\$	*	\$\$\$\$\$	***	◊ ◊ ◊	Longer-term	