

**TRANSPORTATION
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Project Summary Chart

Project Name	STATE CAPITAL AUTHORIZATIONS					
	FY 2014	FY 2015	FY 2016 Request	FY 2016 Recommended	FY 2017 Request	FY 2018 Request
1. Road System (Projects 1-70)	\$114,538,548	\$106,656,500	\$89,210,328	\$89,210,328	\$106,176,082	\$125,527,693
2. Grants and Allocations (Projects 71-72)	21,750,000	21,750,000	11,375,000	11,375,000	11,375,000	11,375,000
3. Transit System (Projects 73-80)	16,722,926	8,770,015	6,657,196	6,657,196	6,028,656	7,401,169
4. Support System (Projects 81-86)	43,757,556	17,824,810	31,801,448	31,801,448	29,694,048	28,601,448
TOTAL	\$196,769,030	\$155,001,325	\$139,043,972	\$139,043,972	\$153,273,786	\$172,905,310

1. I-95 and SR 141 Interchange, Ramps G and F Improvements

PROJECT DESCRIPTION

Funding is requested to reconfigure the interchange to better accommodate directional traffic; improve ramp connections with I-95; increase the horizontal clearance between through lanes on I-95 and the bridge piers on SR 141; and reconstruct the SR 141 bridges that cross over northbound I-95.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2011	\$0	\$467,758	\$0
FY 2012	103,200	1,692,242	0
FY 2015	0	12,000,000	0
FY 2016	0	15,000,000	0
FY 2017	0	5,000,000	0
TOTAL	\$103,200	\$34,160,000	\$0

COST COMPONENT

Cost by Item

\$2,700,000	Preliminary Engineering*
35,000,000	Construction
\$37,700,000	Total

*Includes partial prior year authorizations from SR 141/I-95 Interchange.

2. SR 1 Widening, SR 273 to the Roth Bridge

PROJECT DESCRIPTION

Funding is requested for the development of conceptual alternatives to widen SR 1 from SR 273 interchange to the Senator William V. Roth, Jr. Bridge (Roth Bridge). From the Tybouts Interchange to SR 273, SR 1 will be widened from two lanes in each direction to three lanes and will connect with the new SR 1/I-95 interchange. Additionally, SR 1 will be widened from three lanes in each direction to four lanes, and from the Roth Bridge up to the Tybouts Interchange will be restriped to accommodate four lanes in each direction.

This project also includes the development of conceptual alternatives at each of the four interchanges along SR 1 within the project limits: SR 273, U.S. 40, Tybouts/U.S. 13 and SR 72. Major interchange configurations are planned at SR 273, Tybouts and SR 72 to address safety and capacity issues.

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CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2012	\$765,900	\$3,063,600	\$0
FY 2013	200,000	0	0
FY 2014	1,200,000	5,800,000	0
FY 2016	0	6,000,000	0
FY 2017	0	6,000,000	0
TOTAL	\$2,165,900	\$20,863,600	\$0

COST COMPONENT*

Cost by Item	
\$310,228	Project Development
9,829,500	Preliminary Engineering
1,000,000	Right of Way
90,000,000	Construction
\$101,139,728	Total

*Includes total cost of project, not just the funding being requested or received.

3. U.S. 301 GARVEE Debt Service

PROJECT DESCRIPTION

Funding is requested to pay the debt service on the GARVEE bonds sold in Fiscal Year 2010.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2011	\$0	\$10,987,073	\$0
FY 2012	0	10,986,887	0
FY 2013	0	10,984,513	0
FY 2014	0	10,986,513	0
FY 2015	0	10,983,288	0
FY 2016	0	10,986,488	0
FY 2017	0	10,984,713	0
FY 2018	0	10,983,213	0
TOTAL	\$0	\$87,882,688	\$0

4. SR 141 and Commons Boulevard Intersection Improvements

PROJECT DESCRIPTION

Funding is requested to construct an additional left-turn lane on Commons Boulevard, construct additional SR

141 through lanes at the intersection and make pedestrian and transit infrastructure improvements. The project also includes reconstruction of the two SR 141 bridges (1-676 and 1-677) over southbound I-95.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2011	\$446,172	\$441,957	\$0
FY 2012	0	518,043	0
FY 2013	0	824,688	0
FY 2016	103,828	415,312	0
TOTAL	\$550,000	\$2,200,000	\$0

COST COMPONENT

Cost by Item	
\$2,750,000	Preliminary Engineering*
500,000	Right of Way
25,000,000	Construction
\$28,250,000	Total

*Includes partial prior year authorizations from SR 141/I-95 Interchange.

5. I-295 Improvements, Westbound from I-295 to U.S. 13

PROJECT DESCRIPTION

Funding is requested for repairs needed to I-295, westbound from I-295 to U.S. 13.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2011	\$500,000	\$0	\$0
FY 2018	2,000,000	0	0
TOTAL	\$2,500,000	\$0	\$0

COST COMPONENT

Cost by Item	
\$750,000	Preliminary Engineering*
\$7,000,000	Construction
\$7,750,000	Total

*Includes partial prior year authorizations from I-295 Improvements.

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6. Interstate Lighting Replacement

PROJECT DESCRIPTION

Funding is requested to replace existing lighting systems along I-95, I-495 and I-295.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$1,000,000	\$0
FY 2016	0	1,726,000	0
TOTAL	\$0	\$2,726,000	\$0

COST COMPONENT

Cost by Item	
\$125,000	Preliminary Engineering*
\$2,875,000	Construction*
\$3,000,000	Total

*Includes partial prior year authorizations from Interstate Lighting Replacement.

7. U.S. 301, Maryland State Line to SR 1

PROJECT DESCRIPTION

Funding is requested for a tolled four-lane, access-controlled U.S. 301. The new U.S. 301 mainline section extends north from the Maryland State line, west of Middletown, curving east and connecting into SR 1, south of the C&D Canal. The project will be implemented in phases, beginning with the U.S. 301 mainline.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER*
FY 2009	\$0	\$35,232,531	\$0
FY 2010	0	14,725,471	125,000,000
FY 2012	0	8,569,743	0
FY 2013	0	0	471,400,000
FY 2018	43,000,000	0	0
TOTAL	\$43,000,000	\$58,527,745	\$596,400,000

*The sources of Other funds are GARVEE bonds, Transportation Infrastructure Finance and Innovation Act funds and toll revenue bonds.

COST COMPONENT

Cost by Item	
\$11,167,486	Program Development*
8,184,529	Preliminary Engineering*
64,604,073	Audit
94,942,000	Right of Way
399,230,000	Construction
\$578,128,088	Total

*Includes prior year authorizations from the U.S. 301, Maryland State Line to SR 1.

8. SR 299, SR 1 to Catherine Street Improvements

PROJECT DESCRIPTION

Funding is requested to address transportation issues along SR 299, provide a consistent cross section and multiple modes of transportation. SR 299 will be widened to two lanes in each direction from SR 1 to Catherine Street.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$500,000	\$0
FY 2016	300,000	1,200,000	0
FY 2018	1,300,000	5,200,000	0
TOTAL	\$1,600,000	\$6,900,000	\$0

COST COMPONENT

Cost by Item	
\$500,000	Preliminary Engineering
1,500,000	Right of Way
6,500,000	Construction
\$8,500,000	Total

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9. SR 2 Elkton Road, Maryland State Line to Casho Mill Road Improvements

PROJECT DESCRIPTION

Funding is requested for roadway reconstruction and pedestrian and bicycle improvements along Elkton Road. An additional travel lane will be added in each direction from Otts Chapel Road to SR 4.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$500,000	\$0
FY 2017	200,000	800,000	0
TOTAL	\$200,000	\$1,300,000	\$0

COST COMPONENT*

Cost by Item	
\$571,704	Preliminary Engineering
1,000,000	Right of Way
25,000,000	Construction
\$26,571,704	Total

*Includes prior year authorizations from Intersection Improvements.

10. HEP NCC, SR 273 and Red Mill Road Connector Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for an intersection improvement, which will include an exclusive left-turn lane on the Red Mill Road Connector approach to SR 273, and retain stop control along Red Mill Road at the Red Mill Road Connector. This project is recommended by the Hazard Elimination Program (HEP).

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$5,000	\$45,000	\$0
FY 2018	200,000	1,800,000	0
TOTAL	\$205,000	\$1,845,000	\$0

COST COMPONENT

Cost by Item	
\$50,000	Preliminary Engineering
2,000,000	Construction
\$2,050,000	Total

11. HEP NCC, SR 41 and Faulkland Road Intersection Improvements

PROJECT DESCRIPTION

Funding is requested to convert the SR 41 approaches at the Faulkland Road intersection to protected-only left-turn phasing, extend turn lanes and improve the signal at the intersection.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$5,000	\$45,000	\$0
FY 2016	5,000	45,000	0
FY 2017	50,000	450,000	0
TOTAL	\$60,000	\$540,000	\$0

COST COMPONENT

Cost by Item	
\$50,000	Preliminary Engineering
50,000	Right of Way
500,000	Construction
\$600,000	Total

12. HEP NCC, SR 72 and Old Baltimore Pike Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for intersection improvements at SR 72 and Old Baltimore Pike, including median modifications at the Royal Farms entrances along SR 72 and Old Baltimore Pike. An additional left-turn lane will be constructed along eastbound Old Baltimore Pike.

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CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$100,000	\$0
FY 2017	160,000	640,000	0
TOTAL	\$160,000	\$740,000	\$0

COST COMPONENT

Cost by Item	
\$53,000	Preliminary Engineering*
100,000	Right of Way
800,000	Construction
\$953,000	Total

*Includes prior year authorizations from Highway Safety Improvement Program (HSIP).

13. HEP NCC, SR 2, Wollaston Road to Milltown Road Improvements

PROJECT DESCRIPTION

Funding is requested to modify the back-to-back left-turn lanes at Milltown Road and Delaware Park Drive. The project will include lengthening the eastbound left-turn lane onto Milltown Road, signal modifications and the addition of a sidewalk on the north side of SR 2.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2013	\$0	\$153,000	\$0
FY 2015	0	150,000	0
FY 2017	600,000	2,400,000	0
TOTAL	\$600,000	\$2,703,000	\$0

COST COMPONENT

Cost by Item	
\$153,000	Preliminary Engineering
150,000	Right of Way
3,000,000	Construction
\$3,303,000	Total

14. HSIP NCC, Churchmans Road, Christiana Hospital to SR 1 Improvements

PROJECT DESCRIPTION

Funding is requested to modify the ramp off of SR 7 southbound from the ramp to Continental Drive. The project will also extend current lane drop on Churchmans Road westbound to the intersection at the Christiana Hospital, add a new right-turn lane into the Center Point Shopping Center and add a third right-turn lane from Churchmans Road eastbound to the I-95/SR 1 ramps.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$20,000	\$0
FY 2016	0	3,050,000	0
TOTAL	\$0	\$3,070,000	\$0

COST COMPONENT

Cost by Item	
\$210,000	Preliminary Engineering*
20,000	Right of Way
3,050,000	Construction
\$3,280,000	Total

*Includes prior year authorizations from HSIP.

15. HSIP NCC, I-95, N 213 Carr Road and N 3 Marsh Road Interchange Improvements

PROJECT DESCRIPTION

Funding is requested for the interchange. Improvements have been recommended, including additional turn lanes at the Marsh Road/Carr Road and Marsh Road/I-95 southbound ramp intersections and pedestrian and bicycle improvements.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$65,843	\$642,589	\$0
FY 2017	0	3,500,000	0
TOTAL	\$65,843	\$4,142,589	\$0

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COST COMPONENT

Cost by Item	
\$207,469	Project Development*
998,432	Preliminary Engineering*
50,000	Right of Way
3,500,000	Construction
\$4,755,901	Total

*Includes prior year authorizations from HSIP.

16. HSIP NCC, Old Baltimore Pike and Salem Church Road

PROJECT DESCRIPTION

Funding is requested for improvements to include expanding from single to double left-turn lanes from Old Baltimore Pike onto Salem Church Road.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$0	\$300,000	\$0
FY 2017	0	2,000,000	0
TOTAL	\$0	\$2,300,000	\$0

COST COMPONENT

Cost by Item	
\$50,000	Preliminary Engineering*
300,000	Right of Way
2,000,000	Construction
\$2,350,000	Total

*Includes prior year authorizations from HSIP.

17. HSIP NCC, SR 2 and Red Mill Road Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for intersection improvements at SR 2 and Red Mill Road to address congestion and safety, including the potential for additional turn lanes and bike and pedestrian improvements.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2017	\$240,000	\$960,000	\$0
FY 2019	700,000	2,800,000	0
FY 2020	1,440,000	5,760,000	0
TOTAL	\$2,380,000	\$9,520,000	\$0

COST COMPONENT

Cost by Item	
\$1,200,000	Preliminary Engineering
3,500,000	Right of Way
7,200,000	Construction
\$11,900,000	Total

18. HSIP NCC, SR 273, Brownleaf Road and Harmony Road Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for signal timing changes at the SR 273 intersections with Harmony Road and Brownleaf Road to address safety concerns of traffic making left-turns from SR 273. Also, the addition of a median on Harmony Road near the SR 273 intersection and addressing the safety issues from the I-95 off-ramp being close to Harmony Road will be considered.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$50,000	\$450,000	\$0
FY 2018	600,000	2,400,000	0
TOTAL	\$650,000	\$2,850,000	\$0

COST COMPONENT

Cost by Item	
\$636,300	Preliminary Engineering*
500,000	Right of Way
3,000,000	Construction
\$4,136,300	Total

*Includes prior year authorizations from HSIP.

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19. HSIP NCC, SR 273, Appleby Road to Airport Road Intersection Improvements

PROJECT DESCRIPTION

Funding is requested to make safety, capacity and pedestrian improvements at the SR 273 intersections of Airport and Appleby Roads.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2013	\$50,000	\$0	\$0
FY 2015	57,000	963,000	0
FY 2017	750,000	3,000,000	0
FY 2018	0	3,750,000	0
TOTAL	\$857,000	\$7,713,000	\$0

COST COMPONENT

Cost by Item	
\$200,000	Project Development*
1,250,000	Preliminary Engineering*
1,070,000	Right of Way
7,500,000	Construction
\$10,020,000	Total

*Includes prior year authorizations from HSIP.

20. HSIP NCC, SR 71, Old Porter Road to SR 7 Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for the following HSIP committee-recommended improvements:

- Install a traffic signal at SR 71 and Old Porter Road;
- Convert Church Road to one-way eastbound, east of the residential driveway and east of SR 71;
- Widen the intersection of SR 7 and SR 71 to provide a separate left-turn, through and right-turn lane on the northbound and southbound SR 7 approaches and the southbound SR 71 approach; and
- Provide protected-only left-turn phasing on all four approaches.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2014	\$5,000	\$45,000	\$0
FY 2016	200,000	1,800,000	0
TOTAL	\$205,000	\$1,845,000	\$0

COST COMPONENT

Cost by Item	
\$175,000	Preliminary Engineering*
750,000	Right of Way*
2,000,000	Construction
\$2,925,000	Total

*Includes prior year authorizations from HSIP.

21. U.S. 40 and SR 7 Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for the following improvements that are recommended to improve pedestrian safety at the U.S. 40 at SR 7 intersection:

- Install signalized pedestrian crossings across the north and south legs of the U.S. 40 and SR 7 intersection; and
- Construct sidewalk connections along both sides of SR 7 from U.S. 40 to south of Songsmith Drive and along the south side of U.S. 40.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2014	\$0	\$50,000	\$0
FY 2016	0	30,000	0
FY 2017	150,000	600,000	0
TOTAL	\$150,000	\$680,000	\$0

COST COMPONENT

Cost by Item	
\$50,000	Preliminary Engineering
30,000	Right of Way
750,000	Construction
\$830,000	Total

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22. Manor Avenue Sidewalk Improvements

PROJECT DESCRIPTION

Funding is requested for the proposed sidewalk construction along Manor Avenue from the Governor Printz Boulevard to the I-495 pedestrian overpass.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$20,000	\$0
FY 2017	4,000	16,000	0
FY 2018	200,000	800,000	0
TOTAL	\$204,000	\$836,000	\$0

COST COMPONENT

Cost by Item

\$25,000	Preliminary Engineering*
20,000	Right of Way
1,000,000	Construction
\$1,045,000	Total

*Includes prior year authorizations from U.S. 13, Philadelphia Pike and Claymont Area improvements.

23. Myrtle Avenue Sidewalk Improvements

PROJECT DESCRIPTION

Funding is requested for the proposed sidewalk construction along Myrtle Avenue from the Philadelphia Pike to the I-495 overpass.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$120,000	\$0
FY 2016	80,000	320,000	0
FY 2017	200,000	800,000	0
TOTAL	\$280,000	\$1,240,000	\$0

COST COMPONENT

Cost by Item

\$150,000	Preliminary Engineering*
400,000	Right of Way
1,000,000	Construction
\$1,550,000	Total

*Includes prior year authorizations from U.S. 13, Philadelphia Pike and Claymont Area Improvements.

24. U.S. 40 and SR 896 Grade Separated Intersection

PROJECT DESCRIPTION

Funding is requested to construct a grade separation overpass at U.S. 40 and SR 896 intersection.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$800,000	\$3,200,000	\$0
TOTAL	\$800,000	\$3,200,000	\$0

COST COMPONENT*

Cost by Item

\$4,000,000	Preliminary Engineering
2,000,000	Right of Way
40,000,000	Construction
\$46,000,000	Total

*Includes total cost of project, not just the funding being requested or received.

25. U.S. 40 and SR 72 Intersection Improvements

PROJECT DESCRIPTION

Funding is requested to reconstruct the intersection of U.S. 40 and SR 72, to provide an additional through lane along each SR 72 approach and double left-turn lanes along each U.S. 40 approach. The project will re-align the intersection of Del Laws Road and provide a new traffic signal. Intersection geometry at Broadleaf Drive will be reconfigured to allow eastbound left-turns with an acceleration lane access to northbound SR 72.

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CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$7,000,000	\$0
FY 2017	2,600,000	4,400,000	0
FY 2018	0	6,000,000	0
TOTAL	\$2,600,000	\$17,400,000	\$0

COST COMPONENT

Cost by Item	
\$502,878	Project Development*
1,417,529	Preliminary Engineering*
7,000,000	Right of Way
13,000,000	Construction
\$21,920,407	Total

*Includes prior year authorizations from the U.S. 40, Maryland State Line to U.S. 13 program.

26. SR 72, McCoy Road to SR 71 Improvements

PROJECT DESCRIPTION

Funding is requested for widening SR 72, between McCoy Road and SR 71, from one to two lanes in each direction. The project will add two-way left-turn lanes and includes the addition of bike lanes and sidewalks.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2014	\$50,000	\$200,000	\$0
FY 2015	0	3,000,000	0
FY 2016	0	3,300,000	0
TOTAL	\$50,000	\$6,500,000	\$0

COST COMPONENT*

Cost by Item	
\$580,000	Preliminary Engineering
3,000,000	Right of Way
16,061,217	Construction
\$19,641,217	Total

*Includes prior year authorizations from HSIP.

27. Riverfront Initiatives Development

PROJECT DESCRIPTION

Funding is requested for traffic studies for parking options and transportation concepts. This project may include the design of future transportation facilities, as well as investigation of existing roadway, structural and drainage conditions.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$218,000	\$0	\$0
FY 2017	218,000	0	0
FY 2018	218,000	0	0
TOTAL	\$654,000	\$0	\$0

COST COMPONENT*

Cost by Item	
\$1,270,000	Program Development
2,239,164	Preliminary Engineering
15,000	Right of Way
\$3,524,164	Total

*Includes total cost of project, not just the funding being requested or received.

28. Riverfront Rail Relocation and Parking Improvements

PROJECT DESCRIPTION

Funding is requested to relocate railroad, remove a billboard, construct parking, provide pedestrian connections and manage associated hazmat activities.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$75,000	\$0	\$0
FY 2017	75,000	0	0
FY 2018	75,000	0	0
TOTAL	\$225,000	\$0	\$0

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COST COMPONENT*

Cost by Item	
\$3,400,000	Construction
\$3,400,000	Total

*Includes total cost of project, not just the funding being requested or received.

29. HEP NCC, I-495 at Philadelphia Pike Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for intersection improvements for the northbound ramp at Philadelphia Pike.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$5,000	\$45,000	\$0
FY 2017	27,500	247,500	0
TOTAL	\$32,500	\$292,500	\$0

COST COMPONENT

Cost by Item	
\$15,000	Preliminary Engineering*
50,000	Right of Way
275,000	Construction
\$340,000	Total

*Includes prior year authorizations from HSIP.

30. Industrial Track Greenway Phase III

PROJECT DESCRIPTION

Funding is requested for the third link in the New Castle Industrial Track Trail between I-495 on the south and the Wilmington Riverwalk on the north.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$200,000	\$800,000	\$0
FY 2016	20,000	80,000	0
FY 2017	2,400,000	9,600,000	0
TOTAL	\$2,620,000	\$10,480,000	\$0

COST COMPONENT*

Cost by Item	
\$1,034,000	Planning
1,000,000	Preliminary Engineering
100,000	Right of Way
12,000,000	Construction
\$14,134,000	Total

*Includes total cost of project, not just the funding being requested or received.

31. Lookerman Street/Forrest Avenue Improvements

PROJECT DESCRIPTION

Funding is requested for a series of improvements through this area of Dover, encouraging economic development and alternative modes of transportation. The planned improvements include:

- Implement a roundabout to improve traffic circulation and provide a pleasing element to reinforce this visual terminus at the Dover Train Station and retrofit the existing Lookerman Street streetscape into the roundabout design;
- Create a pedestrian friendly zone at the railroad crossing and Front Street; and
- Create a new gateway with intersection improvements at Division Street and Forrest Avenue.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2005	\$315,000	\$0	\$0
FY 2017	300,000	0	0
TOTAL	\$615,000	\$0	\$0

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COST COMPONENT*

Cost by Item	
\$246,830	Project Development
300,000	Preliminary Engineering
100,000	Right of Way
3,500,000	Construction
\$4,146,830	Total

*Includes total cost of project, not just the funding being requested or received.

32. SR 1, Little Heaven Grade Separated Intersection

PROJECT DESCRIPTION

Funding is requested for the construction of new SR 1 northbound lanes and a service road east of SR 1 from K 371 Barratts Chapel Road to K 373 Mulberrie Point Road in Little Heaven. The existing SR 1 northbound lanes will be converted to SR 1 southbound lanes, and the existing SR 1 southbound lanes will be converted to a service road. The project also includes the construction of a grade-separation at K 18, Bowers Beach Road, which will provide access to and from the service roads on either side of SR 1.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER*
FY 2004	\$1,580,000	\$0	\$400,000
FY 2005	2,775,000	0	0
FY 2007	0	1,784,000	0
FY 2008	0	1,609,574	0
FY 2009	4,480,000	3,440,000	0
FY 2010	0	2,577,600	0
FY 2011	0	9,654,426**	16,775
FY 2016	0	26,000,000	0
FY 2018	0	8,700,000	0
TOTAL	\$8,835,000	\$53,765,600	\$416,775

*The source of Other funds is developers.

**Schedule reflects partial reauthorizations.

COST COMPONENT*

Cost by Item	
\$605,360	Project Development
5,072,000	Preliminary Engineering
19,800,000	Right of Way
45,016,775	Construction
\$70,494,135	Total

*Includes total cost of project, not just the funding being requested or received.

33. SR 1, South Frederica Grade Separated Intersection

PROJECT DESCRIPTION

Funding is requested for improvements at the intersections of SR 1 and Frederica Road (K 389), SR 1 and Tub Mill Pond Road (K 119) and SR 1 and Milford Neck Road (K 120). The proposed improvements will enhance the capacity and safety of the SR 1 corridor.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2009	\$400,000	\$1,600,000	\$0
FY 2010	0	360,875	0
FY 2011	689,400	3,760,000	0
FY 2012	940,000	17,020	0
FY 2016	0	1,000,000	0
FY 2017	4,700,000	4,000,000	0
FY 2018	0	9,800,000	0
TOTAL	\$6,729,400	\$20,537,895	\$0

COST COMPONENT*

Cost by Item	
\$489,204	Project Development
2,888,700	Preliminary Engineering
2,488,734	Right of Way
23,500,000	Construction
\$29,366,638	Total

*Includes total cost of project, not just the funding being requested or received.

**TRANSPORTATION
55-00-00**

34. HEP KC, SR 14 at Killens Pond Road Intersection Improvement

PROJECT DESCRIPTION

Funding is requested for adding a channelizing island and improving drainage at the intersection to better delineate traffic movement.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2017	\$2,000	\$18,000	\$0
FY 2018	3,000	27,000	0
TOTAL	\$5,000	\$45,000	\$0

COST COMPONENT*

Cost by Item

\$20,000	Preliminary Engineering
30,000	Right of Way
250,000	Construction
\$300,000	Total

*Includes total cost of project, not just the funding being requested or received.

35. HEP KC, U.S. 13 Lochmeath Way to Puncheon Run Connector Improvements

PROJECT DESCRIPTION

Funding is requested for the addition of a third lane in each direction on U.S. 13 from Lochmeath Way to Puncheon Run Connector. This project will include roadway widening, storm-water management facilities, multiple intersection redesigns, traffic signal reconfigurations and multi-modal improvements.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2017	\$900,000	\$2,000,000	\$0
FY 2018	0	1,600,000	0
TOTAL	\$900,000	\$3,600,000	\$0

COST COMPONENT*

Cost by Item

\$4,500,000	Preliminary Engineering
2,000,000	Right of Way
66,000,000	Construction
\$72,500,000	Total

*Includes total cost of project, not just the funding being requested or received.

36. HSIP KC, SR 300 Glenwood Avenue Improvements

PROJECT DESCRIPTION

Funding is requested for safety improvements to include modification to existing entrances, signage and striping; and installation of new traffic signals.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2014	\$0	\$50,000	\$0
FY 2016	220,000	880,000	0
TOTAL	\$220,000	\$930,000	\$0

COST COMPONENT

Cost by Item

\$20,000	Preliminary Engineering*
50,000	Right of Way
1,100,000	Construction
\$1,170,000	Total

*Includes prior year authorizations from HSIP.

37. Crawford Carroll Road Extension

PROJECT DESCRIPTION

Funding is requested to extend the existing Crawford Carroll Road to connect to the relocated north Dover Mall entrance. Multi-modal facilities will also be incorporated in the project.

TRANSPORTATION
55-00-00

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$800,000	\$0	\$0
TOTAL	\$800,000	\$0	\$0

COST COMPONENT*

Cost by Item	
\$800,000	Preliminary Engineering
1,200,000	Right of Way
2,200,000	Construction
\$4,200,000	Total

*Includes total cost of project, not just the funding being requested or received.

38. Kenton Road, SR 8 to Chestnut Grove Road Improvements

PROJECT DESCRIPTION

Funding is requested to upgrade the existing roadway to include bike lanes and sidewalks.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$140,000	\$560,000	\$0
TOTAL	\$140,000	\$560,000	\$0

COST COMPONENT*

Cost by Item	
\$700,000	Preliminary Engineering
960,000	Right of Way
3,000,000	Construction
\$4,660,000	Total

*Includes total cost of project, not just the funding being requested or received.

39. West Dover Connector

PROJECT DESCRIPTION

Funding is requested to extend Saulsbury Road from its current terminus at North Street, to U.S. 13. This project

will involve the construction of 3.5 miles of new mainline roadway traveling east from North Street across the Eden Hill development, south over the Norfolk and Southern Railroad (NSRR) spur and across the Kesselring Farm on the west side of the NSRR tracks. The roadway will turn east spanning the NSRR mainline and New Burton Road, traverse the Kesselring Farm on the east side of New Burton Road and tie into U.S. 13 in the area of the existing intersection with Charles Polk Road on the southern side of Rodney Village. The improvements will also include auxiliary connections to Wyoming Mill Road, New Burton Road and Charles Polk Road. There will be multi-modal improvements allowing pedestrian and bicycle facilities throughout the project limits in addition to new Delaware Authority for Regional Transit facilities. The project will provide interconnectivity between multiple recreational areas, residential communities and commercial facilities.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2007	\$300,000	\$0	\$0
FY 2008	1,300,000*	0	0
FY 2011	11,817,000	2,680,000*	0
FY 2012	0	5,500,000	0
FY 2013	0	3,500,368	0
FY 2014	0	17,000,000	0
FY 2015	0	15,000,000	0
FY 2016	0	2,513,198	0
TOTAL	\$13,417,000	\$46,193,566	\$0

*Includes reauthorizations.

COST COMPONENT*

Cost by Item	
\$3,970,804	Project Development
3,350,000	Preliminary Engineering
13,621,300	Right of Way
38,975,288	Construction
273,684	Management
\$60,191,076	Total

*Includes total cost of project, not just the funding being requested or received.

TRANSPORTATION
55-00-00

40. HEP KC, SR 10 and SR 15 Intersection Improvements

PROJECT DESCRIPTION

Funding is requested to replace the existing intersection with a roundabout.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$180,000	\$0
FY 2016	220,000	800,000	0
TOTAL	\$220,000	\$980,000	\$0

COST COMPONENT

Cost by Item	
\$38,000	Preliminary Engineering*
200,000	Right of Way
1,000,000	Construction
\$1,238,000	Total

*Includes prior year authorizations from HSIP.

41. U.S. 113 at SR 16, Ellendale Grade Separated Intersection

PROJECT DESCRIPTION

Funding is requested for a grade separated intersection at U.S. 113 and SR 16 in Ellendale. The proposed improvements will enhance the capacity and safety of the U.S. 113 corridor.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2017	\$0	\$3,500,000	\$0
TOTAL	\$0	\$3,500,000	\$0

COST COMPONENT*

Cost by Item	
\$3,500,000	Preliminary Engineering
19,600,000	Right of Way
39,000,000	Construction
\$62,100,000	Total

*Includes total cost of project, not just the funding being requested or received.

42. U.S. 113, North/South Improvements

PROJECT DESCRIPTION

Funding is requested to continue work on viable alternatives for a limited access highway throughout Sussex County to address existing and future transportation needs along U.S. 113, while preserving environmental and historic resources and accommodating planned economic growth. The expectation is that the Ellendale and Georgetown areas will be Environmental Assessment (EA) projects and the Millsboro through Selbyville areas, as well as Milford, will be Environmental Impact Statement projects.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2003	\$10,000,000	\$0	\$0
FY 2008	4,200,000	1,000,000	0
FY 2014	0	1,000,000	0
FY 2015	0	1,000,000	0
FY 2016	0	1,000,000	0
FY 2017	0	1,000,000	0
FY 2018	0	1,000,000	0
TOTAL	\$14,200,000	\$6,000,000	\$0

COST COMPONENT*

Cost by Item	
\$15,531,168	Project Development
23,500,000	Preliminary Engineering
607,000,000	Right of Way
1,500,000,000	Construction
\$2,146,031,168	Total

*Includes total cost of project, not just the funding being requested or received.

TRANSPORTATION
55-00-00

43. U.S. 113 at SR 18/SR 404, Georgetown Grade Separated Intersection

PROJECT DESCRIPTION

Funding is requested to construct a grade separated interchange at the intersection of U.S. 113 and SR 18/SR 404. The project was identified under the U.S. 113 North-South Study and included with the preferred alternative described in the Georgetown Study Area EA. The proposed improvements include shifting the horizontal alignment of SR 18/SR 404, raising the roadway profile and constructing a new overpass at U.S. 113. Access to and from U.S. 113 will be controlled with the proposed interchange ramps located in the northeast and northwest quadrants. The interchange construction will also include widening along U.S. 113 to provide the necessary acceleration/deceleration lanes for the ramps, as well as proposed drainage/storm water management and signing.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2017	\$460,000	\$1,840,000	\$0
FY 2018	3,440,000	11,260,000	0
TOTAL	\$3,900,000	\$13,100,000	\$0

COST COMPONENT*

Cost by Item	
\$2,300,000	Preliminary Engineering
17,200,000	Right of Way
26,700,000	Construction
\$46,200,000	Total

*Includes total cost of project, not just the funding being requested or received.

44. HEP SC, SR 404 and SR 18 Intersection Improvements

PROJECT DESCRIPTION

Funding is requested to improve the intersection of SR 404 and SR 18 by widening both, which will improve safety and facilitate unobstructed through movements. The widening of both SR 404 and SR 18 will allow for the installation of a left-turn lane on SR 404, as well as both left and right-turn lanes on SR 18. Additionally, an

acceleration lane will be installed for movement southeast on SR 404.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2013	\$0	\$28,250	\$0
FY 2016	0	150,000	0
FY 2017	200,000	800,000	0
TOTAL	\$200,000	\$978,250	\$0

COST COMPONENT

Cost by Item	
\$28,250	Preliminary Engineering
150,000	Right of Way
1,000,000	Construction
\$1,178,250	Total

45. HEP SC, U.S. 113 at Millsboro Towne Center and 1st Street Improvements

PROJECT DESCRIPTION

Funding is requested to install an island in the median crossover to channelize movements in the median, while still allowing left-turns for both northbound and southbound traffic. The median opening on U.S. 113 at Millsboro Towne Center and 1st Street has been the site of several accidents in the past few years.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2014	\$0	\$32,000	\$0
FY 2015	15,000	0	0
FY 2016	15,000	120,000	0
FY 2017	40,000	160,000	0
TOTAL	\$70,000	\$312,000	\$0

COST COMPONENT

Cost by Item	
\$40,000	Preliminary Engineering*
150,000	Right of Way
200,000	Construction
\$390,000	Total

*Includes prior year authorizations from HSIP.

TRANSPORTATION
55-00-00

46. HRRRP SC, U.S. 13 at SR 30/Dorothy Road/Whitesville Road Improvements

PROJECT DESCRIPTION

Funding is requested to correct the median opening on U.S. 13 at this intersection. It will be channelized to accommodate northbound and southbound U.S. 13 left-turn movements only. This project is recommended by the High Risk Rural Roads Program (HRRRP).

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$5,000	\$45,000	\$0
FY 2019	5,000	45,000	0
FY 2020	50,000	450,000	0
TOTAL	\$60,000	\$540,000	\$0

COST COMPONENT

Cost by Item	
\$50,000	Preliminary Engineering
50,000	Right of Way
500,000	Construction
\$600,000	Total

47. HEP SC, U.S. 113 at Ennis Road/North Street Improvements

PROJECT DESCRIPTION

Funding is requested to construct a median channelization that will allow only northbound and southbound left-turns.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$45,000	\$0
FY 2016	5,000	45,000	0
FY 2017	40,000	360,000	0
TOTAL	\$45,000	\$450,000	\$0

COST COMPONENT

Cost by Item	
\$50,000	Preliminary Engineering*
50,000	Right of Way
400,000	Construction
\$500,000	Total

* Includes prior year authorizations from HSIP.

48. HSIP SC, U.S. 113 at SR 404/SR 18 Intersection Improvements

PROJECT DESCRIPTION

Funding is requested to install a second eastbound right-turn lane along SR 404/SR 18 at U.S. 113 in Georgetown. Additionally, the project will signalize the eastbound SR 404/SR 18 right-turning movement, while also providing an overlap phase and allowing right-turns on red from the rightmost right-turn lane. Pedestrian facilities will also be upgraded, including extending the sidewalk connecting with Delaware Technical and Community College and upgrading crosswalks at the intersection with U.S. 113. This project was identified in the 2012 HEP.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$90,000	\$0
FY 2016	10,000	90,000	0
FY 2017	80,000	720,000	0
TOTAL	\$90,000	\$900,000	\$0

COST COMPONENT*

Cost by Item	
\$100,000	Preliminary Engineering
100,000	Right of Way
800,000	Construction
\$1,000,000	Total

*Includes total cost of project, not just the funding being requested or received.

TRANSPORTATION
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49. HSIP SC, Iron Branch Road and State Street Improvements

PROJECT DESCRIPTION

Funding is requested for pavement resurfacing, pedestrian improvements, curb and sidewalk reconstruction, relocation of underground facilities and the relocation of utility poles to eliminate or reduce the number of fixed objects located within the pavement along State Street and Iron Branch Road in Millsboro.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2014	\$0	\$455,000	\$0
FY 2016	420,000	3,780,000	0
TOTAL	\$420,000	\$4,235,000	\$0

COST COMPONENT

Cost by Item	
\$334,880	Project Development*
360,000	Preliminary Engineering*
455,000	Right of Way*
4,200,000	Construction
\$5,349,880	Total

*Includes prior year authorizations from HSIP.

50. HSIP SC, U.S. 9 and SR 5 Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for capacity improvements, which include the installation of additional turn lanes at the U.S. 9 and SR 5 intersection to accommodate heavy vehicles.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$6,000,000	\$0
FY 2016	0	2,500,000	0
FY 2018	800,000	3,200,000	0
TOTAL	\$800,000	\$11,700,000	\$0

COST COMPONENT

Cost by Item	
\$200,000	Preliminary Engineering*
8,500,000	Right of Way
4,000,000	Construction
\$12,700,000	Total

*Includes prior year authorizations from HSIP.

51. SR 26 Atlantic Avenue from Clarksville to Assawoman Canal Improvements

PROJECT DESCRIPTION

Funding is requested for the project which is a result of the recommendations of the SR 26 Planning Study. This project includes improvements to intersections and the addition of five-foot shoulders along the SR 26 corridor from Clarksville to the Assawoman Canal. Sidewalks will be constructed from Windmill Road (S 362) to the Assawoman Canal. The typical section for this project is two 11-foot travel lanes, two five-foot shoulders and a 12-foot continuous center left-turn lane. The section from Clarksville to west of Whites Neck Road will generally be an open section with roadside ditching for drainage. The section from west of Whites Neck Road to the Assawoman Canal will be a closed section with curbs, gutters and closed drainage. The majority of the closed section will also have a three-foot grass strip behind the curb and gutter, as well as five-foot sidewalks. The intersection of SR 26 and Central Avenue will be realigned, and turn lanes will be added in each direction. The SR 26 and Powell Farm Road intersection will also be realigned.

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CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER*
FY 2006	\$0	\$1,016,496	\$0
FY 2007	0	5,095,890	0
FY 2008	3,300,000	12,156,892	0
FY 2009	1,800,000	17,970,656	0
FY 2011	0	720,000	6,793
FY 2012	0	674,515	0
FY 2013	6,996,400**	14,907,035**	144,816
FY 2014	0	2,406,566	3,241,900
FY 2015	0	11,000,000	71,900
FY 2016	0	3,122,056	0
TOTAL	\$12,096,400	\$69,070,106	\$3,465,409

*The sources of Other funds are local enterprises, developers and local towns.

**Includes reauthorizations.

COST COMPONENT*

Cost by Item

\$13,358	Project Development
5,315,808	Preliminary Engineering
44,043,761	Right of Way
35,263,484	Construction
\$84,636,411	Total

*Includes total cost of project, not just the funding being requested or received.

52. Park Avenue Relocation

PROJECT DESCRIPTION

Funding is requested for the Park Avenue relocation. The project begins at the intersection of South Bedford Street and Arrow Safety Road relocating Park Avenue approximately 2,400 feet to the east of the current Park Avenue and South Bedford Street intersection. The segment of Arrow Safety Road between U.S. 113 and South Bedford Street would be upgraded and signed as U.S. 9 Truck Bypass route. The intersection of Arrow Safety Road and South Bedford Street will be signalized and reconstructed to provide appropriate turn lanes.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2014	\$0	\$1,200,800	\$0
FY 2017	52,768	211,073	0
TOTAL	\$52,768	\$1,411,873	\$0

COST COMPONENT*

Cost by Item

\$1,000,000	Project Development
801,000	Preliminary Engineering
9,000,000	Construction
\$10,801,000	Total

*Includes total cost of project, not just the funding being requested or received.

53. HSIP SC, SR 24 at Camp Arrowhead Road and SR 24 at Robinsonville Road/Angola Road Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for the SR 24 at Camp Arrowhead Road and SR 24 at Robinsonville Road/Angola Road.

The planned improvements for SR 24 at Camp Arrowhead Road include:

- Widening the southbound Camp Arrowhead Road approaches to provide separate left-turn, pass through and right-turn lanes; and
- Extending the left-turn lane and right-turn lanes on all approaches to meet storage requirements.

The planned improvements for SR 24 at Robinsonville Road/Angola Road include:

- Widening the northbound and southbound Robinsonville Road/Angola Road approaches to provide separate left-turn, pass through and right-turn lanes;
- Widening the westbound SR 24 approaches to provide a separate left-turn, pass through and right-turn lanes; and
- Extending the left-turn and right-turn lanes on all approaches to meet storage requirements.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2017	\$191,204	\$1,720,837	\$0
FY 2018	520,000	2,080,000	0
TOTAL	\$711,204	\$3,800,837	\$0

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COST COMPONENT

Cost by Item	
\$100,000	Preliminary Engineering*
1,912,041	Right of Way
2,600,000	Construction
\$4,612,041	Total

*Includes prior year authorizations from HSIP.

54. HSIP SC, SR 24 at Mount Joy Road and SR 24 at Bay Farm Road Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for operational improvements along SR 24 between Mount Joy Road and Bay Farm Road. In addition, the project will include operational improvements at the intersection with SR 24 along both Mount Joy Road/Oak Orchard Road and Bay Farm Road/Autumn Lane.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2013	\$0	\$150,000	\$0
FY 2015	0	3,604,700	0
FY 2017	605,863	2,423,451	0
TOTAL	\$605,863	\$6,178,151	\$0

COST COMPONENT

Cost by Item	
\$150,000	Preliminary Engineering
3,604,700	Right of Way
3,029,314	Construction
\$6,784,014	Total

55. HSIP SC, SR 24 at SR 5/SR 23 Intersection Improvements

PROJECT DESCRIPTION

Funding is requested to implement access management strategies at the SR 5/SR 23 intersection and operational improvements on SR 24.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2014	\$0	\$900,000	\$0
FY 2016	0	760,233	0
FY 2017	240,000	960,000	0
TOTAL	\$240,000	\$2,620,233	\$0

COST COMPONENT

Cost by Item	
\$905,000	Preliminary Engineering*
760,233	Right of Way
1,200,000	Construction
\$2,865,233	Total

*Includes prior year authorizations from HSIP.

56. SR 24, Mulberry Knoll to SR 1 Improvements

PROJECT DESCRIPTION

Funding is requested for roadway widening to facilitate the continuation of the existing four-lane section with center turn lanes from SR 1 to west of Plantations Road. Stormwater management and multi-modal facilities will be installed throughout the project limits.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2013	\$2,200,000	\$0	\$0
FY 2018	627,982	2,511,928	0
TOTAL	\$2,827,982	\$2,511,928	\$0

COST COMPONENT

Cost by Item	
\$614,854	Preliminary Engineering*
3,139,910	Right of Way
6,686,000	Construction
\$10,440,764	Total

*Includes prior year authorizations from SR 24, Love Creek to SR 1.

TRANSPORTATION
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57. Bridge Management Program

PROJECT DESCRIPTION

Funding is requested for the Bridge Management program. Bridges, sign structures and dams are inspected under this program. The Bridge Management program identifies and prioritizes bridges, sign structures and dams needing work. Selected bridges, sign structures and dams are programmed for work through Bridge Design projects or Structure Maintenance projects. Bridge painting projects, bridge scour countermeasure projects and underwater bridge repair projects are also prioritized and addressed through this program. The bridges are then listed as separate projects in the Capital Transportation Program (CTP). Funding for preliminary engineering, right-of-way and construction is included in the Bridge Projects section.

**CAPITAL REQUEST
FUNDING**

	STATE	FEDERAL	OTHER
FY 2016	\$1,570,000	\$6,800,000	\$0
FY 2017	1,570,000	6,680,000	0
FY 2018	1,570,000	6,680,000	0
TOTAL	\$4,710,000	\$20,160,000	\$0

58. Bridge Preservation Program

PROJECT DESCRIPTION

Funding is requested for bridges that are identified for replacement or rehabilitation, including structurally deficient bridges. As individual bridges are identified through the Bridge Management program, they are funded from this group and subsequently listed as separate projects in the appropriate county.

**CAPITAL REQUEST
FUNDING**

	STATE	FEDERAL	OTHER
FY 2016	\$13,295,468	\$20,087,692	\$5,040,052
FY 2017	11,175,336	35,457,144	1,000,000
FY 2018	6,850,000	41,200,000	0
TOTAL	\$31,320,804	\$96,744,836	\$6,040,052

59. Transportation Enhancement

PROJECT DESCRIPTION

Funding is requested for the Transportation Enhancements (TE) program, which provides funding support for the development and implementation of a variety of non-traditional programs that highlight the cultural, aesthetic and environmental aspects of the transportation system. Examples range from restoration of historic transportation facilities, to pedestrian and bicycle facilities, landscaping and scenic beautification and mitigation of water pollution from highway runoff. The TE program was established under the federal Intermodal Transportation Efficiency Act of 1991 and is provided by the Transportation Alternatives Program through the Moving Ahead for Progress in the Twenty-First Century Act.

**CAPITAL REQUEST
FUNDING**

	STATE	FEDERAL	OTHER
FY 2016	\$278,100	\$3,912,400	\$0
FY 2017	763,100	2,837,079	0
FY 2018	112,400	2,837,079	0
TOTAL	\$1,153,600	\$9,586,558	\$0

60. Paving and Rehabilitation

PROJECT DESCRIPTION

Funding is requested for the Paving and Rehabilitation program. This program consists of major pavement rehabilitation and pavement resurfacing of state maintained roadway projects.

Other Paving and Patching

This ongoing annual program rehabilitates road surfaces to maintain structural integrity. Specific locations are identified annually after the spring inspection.

Surface Treatment

On less traveled roadways, mostly in Kent and Sussex Counties, the road structure is preserved by a coating of tar, and then overlaid with stone. This treatment, in general, lasts seven years. Specific locations are identified annually after the spring inspection.

Surface Treatment Conversion

As areas are developed, surface treated or roads become more heavily traveled, they are converted to a two-inch hot-mix overlay surface. Specific locations are identified annually after the spring inspection.

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CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$34,300,000	\$22,800,000	\$0
FY 2017	40,800,000	26,800,000	0
FY 2018	27,800,000	24,800,000	0
TOTAL	\$102,900,000	\$74,400,000	\$0

61. Recreational Trails

PROJECT DESCRIPTION

Funding is requested for the Recreational Trails Program (RTP), which provides Federal Highway Administration funds to states for the development and maintenance of recreational trails and trail-related facilities. This is a statewide program administered in Delaware by the Department of Natural Resources and Environmental Control (DNREC). An annual work plan is developed by DNREC that includes a listing of RTP-funded activities and programs.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER*
FY 2016	\$0	\$1,080,000	\$270,000
FY 2017	0	1,080,000	270,000
FY 2018	0	905,680	226,420
TOTAL	\$0	\$3,065,680	\$766,420

*The source of Other funds is DNREC.

62. Bicycle, Pedestrian and Other Improvements

PROJECT DESCRIPTION

Funding is requested for the design and construction of pedestrian and bicycle facilities, transit access, park and ride facilities, traffic calming and other non-motorized transportation projects. Projects currently include the following:

- At-grade bridge crossings (Killens Pond, Trap Pond and White Clay Creek);
- Capitol City Trail;
- Garfield Parkway streetscape improvements;
- Georgetown to Lewes Rail with trail;
- Hopkins Bridge Road pedestrian improvements;
- Junction and Breakwater Trail;
- Showfield extension;

- Route 273 Multi-Use Trail;
- St. Jones Greenway;
- Route 10 bridge crossing to Gateway Shopping Center; and
- Wooten Road pedestrian improvements (Trap Pond).

Projects in the planning phase include: Churchmans Road, East Coast Greenway Trail Segment, Newark to Wilmington Trail Study and Bike/Pedestrian Education.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$0	\$1,250,000	\$0
FY 2017	250,000	1,000,000	0
FY 2018	250,000	1,000,000	0
TOTAL	\$500,000	\$3,250,000	\$0

63. Signage and Pavement Markings

PROJECT DESCRIPTION

Funding is requested for signage projects that involve the need for statewide improvements of signage. The goal is to provide visitors and residents with a clear path using appropriate directional signs to eliminate confusion. Additionally, funds will be used to determine improvements, including, but not limited to, reflective epoxy striping.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$2,272,000	\$1,000,000	\$0
FY 2017	2,272,000	800,000	0
FY 2018	2,272,000	800,000	0
TOTAL	\$6,816,000	\$2,600,000	\$0

64. Materials and Minor Contracts

PROJECT DESCRIPTION

Funding is requested to expand the capability of the operating districts to maintain the State's roadways through the development of unit price contracts for small to medium-sized projects. Examples of capital repairs and minor improvements that would be funded by this program include:

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- Contracts for adding minor turn lanes at intersections;
- Concrete pavement repairs;
- Repair/replacement of curbs, gutters and sidewalks;
- Traffic control devices (including those necessary for pedestrian, transit and bicycle access);
- Rotomilling;
- Crossover modifications;
- Guardrail installations; and
- Drainage improvements.

Annual unit price contracts are issued for various types of work to quickly address specific needs as they are identified. These are projects and programs requiring no acquisition of right-of-way, minimal design, no location and/or environmental studies or permits and are administered by the maintenance districts. As stand-alone projects are identified, they will be listed as separate projects in the CTP.

In addition, necessary replacements of sign structures, high mast lighting and traffic signal replacements as identified by the Sign Structure Inspection program are funded through these contracts.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$5,050,000	\$0	\$0
FY 2017	5,250,000	0	0
FY 2018	5,075,000	0	0
TOTAL	\$15,375,000	\$0	\$0

65. Rail Crossing Safety Program

PROJECT DESCRIPTION

Funding is requested for the Highway-Rail Grade Crossing (HRGX) Safety program involving the selection of safety improvements at the highway/rail crossings throughout the State. These improvements include installations of signing, pavement markings and/or gates at deficient crossings.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$669,589	\$1,242,111	\$0
FY 2017	369,589	1,242,111	0
FY 2018	369,589	1,181,000	0
TOTAL	\$1,408,767	\$3,665,222	\$0

66. Safety Improvement Program

PROJECT DESCRIPTION

Funding is requested for the Safety Improvement program, a federally-funded program to identify high crash locations and reduce the severity and frequency of crashes. This is done through identifying locations of crash patterns, conducting field studies and developing potential solutions. After the HEP committee reviews this information, improvement alternatives are developed that include low-cost safety improvements such as signing, pavement marking and/or traffic signal upgrades, guardrail upgrades, maintenance activities and other low-cost type improvements that typically do not require full design or right-of-way acquisition. Other improvements beyond the low-cost safety improvements are also recommended for those locations that require more substantial improvements. Those improvements are moved through the project development process and require full design and sometimes right-of-way acquisition.

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$0	\$4,987,222	\$0
FY 2017	272,222	4,715,000	0
FY 2018	272,222	4,715,000	0
TOTAL	\$544,444	\$14,417,222	\$0

67. Traffic Calming

PROJECT DESCRIPTION

Funding is requested for the Traffic Calming program. Initiated in Fiscal Year 2000, it involves the design and construction of traffic calming facilities. The Traffic Calming Manual was updated in 2012 to reflect lessons learned and current practices. The program in general involves a community-based approach to study, design and construct traffic calming projects that reduce traffic volumes, travel speeds and provide for increased safety within communities. Traffic calming projects include, but are not limited to, roundabout intersection designs, pedestrian and bicycle facilities, transit access, park and ride facilities, traffic calming and other solutions to slow traffic. The Department of Transportation (DOT) is working with numerous residential communities to plan, develop and construct traffic calming projects. Study, design and public outreach elements of the residential and

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development traffic calming projects are funded through DOT via this funding category. Construction for small projects, such as speed humps and radar signs are funded through the sponsoring legislator's Community Transportation Fund (CTF) allocation. Larger projects can be funded with a combination of CTF and DOT capital construction funds.

The following projects are in the community outreach phase:

- Town of Dewey Beach, Blackpool, Westgate, various speed hump and radar speed sign requests.

The Town of Bethel is advancing in development or design.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$200,000	\$0	\$0
FY 2017	150,000	0	0
FY 2018	150,000	0	0
TOTAL	\$500,000	\$0	\$0

68. Engineering and Contingency

PROJECT DESCRIPTION

Funding is requested for engineering services and contingencies not covered under other capital program categories.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$26,349,500	\$218,000	\$0
FY 2017	26,349,500	218,000	0
FY 2018	26,349,500	218,000	0
TOTAL	\$79,048,500	\$654,000	\$0

69. Intersection Improvements

PROJECT DESCRIPTION

Funding is requested for the identification, design, review and construction of operational and safety initiatives and improvements accomplished through strategic planning, design and/or the installation or modification of traffic control (signal) systems and other related devices.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER*
FY 2016	\$1,468,000	\$1,000,000	\$600,000
FY 2017	1,468,000	800,000	600,000
FY 2018	1,468,000	800,000	600,000
TOTAL	\$4,404,000	\$2,600,000	\$1,800,000

*The sources of Other funds are private developers and utility companies.

70. Safe Routes to School

PROJECT DESCRIPTION

Funding is requested to provide the means by which DOT can work with local school districts to create programs and projects that will make walking and bicycling safer and more convenient for students. This program's projects change from year-to-year depending on demand and the stages of projects.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$0	\$526,769	\$0
TOTAL	\$0	\$526,769	\$0

71. Municipal Street Aid

PROJECT DESCRIPTION

Funding is requested for Municipal Street Aid, which provides grants to municipalities to maintain municipal streets and assist in meeting other transportation-related needs. The amount of each grant is based on population and street mileage for the preceding fiscal year.

CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$3,000,000	\$0	\$0
FY 2017	3,000,000	0	0
FY 2018	3,000,000	0	0
TOTAL	\$9,000,000	\$0	\$0

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72. Community Transportation Fund

PROJECT DESCRIPTION

Funding is requested for the Community Transportation Fund that provides members of the General Assembly with funding for community transportation projects.

**CAPITAL REQUEST
FUNDING**

	STATE	FEDERAL	OTHER
FY 2016	\$8,375,000	\$0	\$0
FY 2017	8,375,000	0	0
FY 2018	8,375,000	0	0
TOTAL	\$25,125,000	\$0	\$0

73. Transit Facilities New Castle County

PROJECT DESCRIPTION

Funding is requested for the following:

- Christiana Mall Park and Ride; and
- Wilmington Operations Center bus wash.

**CAPITAL REQUEST
FUNDING**

	STATE	FEDERAL	OTHER
FY 2017	\$5,000	\$770,000	\$0
TOTAL	\$5,000	\$770,000	\$0

74. Transit Vehicles New Castle County

PROJECT DESCRIPTION

Funding is requested for the procurement of:

- Expansion/replacement paratransit buses;
- Fixed route buses;
- Support vehicles;
- Preventive maintenance; and
- Unicity bus.

The operating budget impacts include:

- Fiscal Year 2016 - \$802,889 in Transit Operations to operate six additional buses;
- Fiscal Year 2017 - \$1,970,760 in Transit Operations to operate seven additional buses; and

- Fiscal Year 2018 - \$1,233,133 in Transit Operations to operate 13 additional buses.

Personnel Costs are based on the current Delaware Transit Corporation (DTC) union contract.

**CAPITAL REQUEST
FUNDING**

	STATE	FEDERAL	OTHER*
FY 2016	\$1,594,440	\$14,390,960	\$0
FY 2017	1,304,140	11,352,860	1,300,000
FY 2018	3,048,680	17,898,320	1,300,000
TOTAL	\$5,947,260	\$43,642,140	\$2,600,000

*The source of Other funds is DTC.

75. Transit Vehicles Kent County

PROJECT DESCRIPTION

Funding is requested for the procurement of:

- Expansion/replacement paratransit buses;
- Support vehicles; and
- Preventive maintenance.

The operating budget impact includes 2.0 FTEs and \$80,000 in Personnel Costs and \$201,187 in Transit Operations to operate two additional buses in Fiscal Year 2018. Personnel Costs are based on the current DTC union contract.

**CAPITAL REQUEST
FUNDING**

	STATE	FEDERAL	OTHER*
FY 2016	\$632,520	\$2,207,080	\$23,900
FY 2017	473,380	1,654,120	23,900
FY 2018	888,540	3,314,760	23,900
TOTAL	\$1,994,440	\$7,175,960	\$71,700

*The source of Other funds is DTC.

76. Transit Facilities Sussex County

PROJECT DESCRIPTION

Funding is requested for the construction of the Lewes Park and Ride and Maintenance Facility.

**CAPITAL REQUEST
FUNDING**

	STATE	FEDERAL	OTHER
FY 2016	\$0	\$196,192	\$0
TOTAL	\$0	\$196,192	\$0

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77. Transit Vehicles Sussex County

PROJECT DESCRIPTION

Funding is requested for inter-city operations and the procurement of:

- Expansion/replacement paratransit buses;
- Fixed route buses; and
- Support vehicles.

The operating budget impacts include:

- Fiscal Year 2016 - 4.0 FTEs and \$160,000 in Personnel Costs and \$138,115 in Transit Operations to operate four additional buses;
- Fiscal Year 2017 - 5.0 FTEs and \$200,000 in Personnel Costs and \$304,773 in Transit Operations to operate five additional buses; and
- Fiscal Year 2018 - 3.0 FTEs and \$120,000 in Personnel Costs and \$103,587 in Transit Operations to operate three additional buses.

Personnel Costs are based on the current DTC union contract.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER*
FY 2016	\$2,013,200	\$2,075,147	\$189,147
FY 2017	2,769,200	189,147	189,147
FY 2018	1,044,400	189,147	189,147
TOTAL	\$5,826,800	\$2,453,441	\$567,441

*The source of Other funds is DTC.

78. Rail Preservation

PROJECT DESCRIPTION

Funding is requested for rail preservation projects, which will conduct preventative maintenance to sustain and upgrade the condition of the statewide rail system.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$300,000	\$0	\$0
FY 2017	300,000	0	0
FY 2018	300,000	0	0
TOTAL	\$900,000	\$0	\$0

79. Transit Facilities Statewide

PROJECT DESCRIPTION

Funding is requested to provide assistance in the preservation of statewide transit facilities. Funding is requested for bus stop and Americans with Disabilities Act improvements.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$1,500,000	\$0	\$0
FY 2017	600,000	0	0
FY 2018	1,500,000	0	0
TOTAL	\$3,600,000	\$0	\$0

80. Transit Vehicles Statewide

PROJECT DESCRIPTION

Funding is requested for:

- Additional buses and support transit vehicles to be used in accordance with DTC approved vehicle replacement schedule, business plan and service plan;
- Support and diagnostic equipment replacements for fixed route and paratransit bus maintenance; and
- Over-the-road buses to provide expanded intercounty service.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$617,036	\$1,069,113	\$340,926
FY 2017	576,936	1,069,113	340,926
FY 2018	619,549	1,069,113	340,926
TOTAL	\$1,813,521	\$3,207,339	\$1,022,778

81. Aeronautics

PROJECT DESCRIPTION

Funding is requested to support the creation and implementation of the State's planning efforts with regard to the aviation system in Delaware.

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CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$296,000	\$160,000	\$0
FY 2017	296,000	160,000	0
FY 2018	296,000	160,000	0
TOTAL	\$888,000	\$480,000	\$0

82. Planning

PROJECT DESCRIPTION

Funding is requested to support the State's comprehensive transportation planning activities, including the State Transportation plan coordination with County Comprehensive Development plans and Preliminary Land Use Service activities. This funding will provide for the management of statewide programs, such as Safe Routes to School, Scenic and Historic By-Ways, Metropolitan Planning Organizations and bicycle and pedestrian programs. The funding will allow DOT to provide advice to local governments regarding re-zoning and subdivision review and the creation of local area plans. The funding also includes both Local Transportation Assistance and Rural Transportation Assistance programs.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER*
FY 2016	\$3,696,698	\$5,054,591	\$153,500
FY 2017	3,696,698	5,054,591	0
FY 2018	4,296,698	5,054,591	0
TOTAL	\$11,690,094	\$15,163,773	\$153,500

*The source of Other funds is DNREC.

83. Information Technology

PROJECT DESCRIPTION

Funding is requested for the Technology unit to provide effective management tools for efficient computer operations throughout DOT, including providing and maintaining internal network operations, telephone services, desktop workstations and applications to support business functions. Typical expenditures add or enhance hardware and software to enable greater mobility and monitoring of roadways and bus and rail services, as well as ensuring functionality.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$12,653,750	\$434,600	\$0
FY 2017	10,546,350	280,000	0
FY 2018	7,953,750	280,000	0
TOTAL	\$31,153,850	\$994,600	\$0

84. Heavy Equipment

PROJECT DESCRIPTION

Funding is requested for the equipment replacement program used by DOT to carry out maintenance and construction operations. Graders, front-end loaders, rollers, dump trucks, street sweepers, four-wheel drive vehicles, pickup trucks and sewer flushers are included.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$8,400,000	\$0	\$0
FY 2017	8,400,000	0	0
FY 2018	8,800,000	0	0
TOTAL	\$25,600,000	\$0	\$0

85. Transportation Facilities

PROJECT DESCRIPTION

Funding is requested for the regular maintenance and inspection of existing transportation facilities and support of new facilities. Facilities include the DOT Danner Campus (Division of Motor Vehicles and Sign Shop) and the Traffic Management Center facility. Life cycle improvements are required at all facilities. Additional efforts are underway to make buildings more energy efficient.

CAPITAL REQUEST
FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$5,600,000	\$0	\$0
FY 2017	5,600,000	0	0
FY 2018	5,700,000	0	0
TOTAL	\$16,900,000	\$0	\$0

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86. Transportation Management

PROJECT DESCRIPTION

Funding is requested for DelTrac, which is an Integrated Transportation Management System and a multi-modal approach to improving the movement of people and goods. DelTrac includes a centralized Transportation Management Center to monitor travel conditions, respond to incidences, adjust signals, signage, transit, reduce congestion and improve transportation system reliability and safety.

CAPITAL REQUEST

FUNDING

	<u>STATE</u>	<u>FEDERAL</u>	<u>OTHER</u>
FY 2016	\$1,155,000	\$9,360,000	\$90,000
FY 2017	1,155,000	12,260,000	90,000
FY 2018	1,555,000	7,860,000	90,000
TOTAL	\$3,865,000	\$29,480,000	\$270,000

FISCAL YEAR 2017

1. Road System **\$106,176,082**

2. Grants and Allocations **\$11,375,000**

3. Transit System **\$6,028,656**

4. Support System **\$29,694,048**

FISCAL YEAR 2018

1. Road System **\$125,527,693**

2. Grants and Allocations **\$11,375,000**

3. Transit System **\$7,401,169**

4. Support System **\$28,601,448**