# **Project Summary Chart**

		STATE CAPITAL FUNDS					
<b>Project Name</b>		FY 2016	FY 2017	FY 2018 Request	FY 2018 Recommended	FY 2019 Request	FY 2020 Request
1.	Road System (Projects 1-77)	\$116,742,695	\$152,972,511	\$159,366,901	\$159,366,901	\$178,127,202	\$177,980,724
2.	Grants and Allocations (Projects 78-79)	21,750,000	22,680,000	22,680,000	22,680,000	22,680,000	22,680,000
3.	Transit System (Projects 80-88)	24,867,197	32,894,073	55,121,066	55,121,066	18,514,553	15,327,832
4.	Support System (Projects 89-95)	45,961,355	56,601,114	47,580,732	47,580,732	39,365,949	36,381,778
	TOTAL	\$209,321,247	\$265,147,698	\$284,748,699	\$284,748,699	\$258,687,704	\$252,370,334

# 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	1,515,500	100,000
FY 2016	0	18,000,000	0
FY 2017	0	10,000,000	0
FY 2018	0	9,386,580	0
TOTAL	\$103,200	\$41,062,080	\$100,000

<sup>\*</sup>The source of Other funds is contract reimbursement.

# 2. I-95 and SR 896 Interchange Improvements

#### PROJECT DESCRIPTION

Funding is requested for improvements at I-95 and SR 896 interchange including ramp realignments and other geometric improvements to address safety and congestion issues.

# CAPITAL REQUEST

#### **FUNDING**

	STATE	FEDERAL	OTHER
FY 2020	\$200,000	\$800,000	\$0
TOTAL	\$200,000	\$800,000	\$0

# 3. SR 141, I-95 Interchange to Jay Drive Improvements

### **PROJECT DESCRIPTION**

Funding is requested to construct an additional left-turn lane on Commons Boulevard; construct additional through lanes at the intersection; improve pedestrian and transit infrastructure; and reconstruct the SR 141 bridges 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 2015	0	1,868,578	10,160
FY 2016	160,000	1,140,000	0
FY 2017	9,000,000	13,000,000	0
FY 2018	0	6,000,000	0
FY 2019	0	15,000,000	0
FY 2020	0	2,000,000	0
TOTAL	\$9,606,172	\$40,793,266	\$10,160

<sup>\*</sup>The source of Other funds is contract reimbursement.

### 4. Road A / SR 7 Improvements

#### PROJECT DESCRIPTION

Funding is requested for improvements along Road A between the Center Boulevard and SR 7 intersections. The project includes increasing capacity on the Road A Bridge and adjacent roadway, improving the intersection and accommodating pedestrians and bicycles.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2009	\$100,000	\$0	\$0
FY 2010	600,000	0	0
FY 2014	0	1,500,000	0
FY 2017	200,000	800,000	0
FY 2019	1,700,000	800,000	0
FY 2020	0	8,000,000	0
TOTAL	\$2,600,000	\$11,100,000	\$0

### 5. 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
FY 2019	0	10,982,388	0
FY 2020	0	10,983,888	0
FY 2021	0	10,977,450	0
FY 2022	0	10,985,300	0
FY 2023	0	10,983,925	0
FY 2024	0	10,983,250	0
FY 2025	0	5,494,938	0
TOTAL	\$0	\$159,273,827	\$0

# 6. 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 2015	\$0	\$200,000	\$0
FY 2016	120,000	0	0
FY 2018	700,000	800,000	0
FY 2019	0	2,000,000	0
FY 2020	1,440,000	760,000	0
TOTAL	\$2,260,000	\$3,760,000	\$0

### 7. SR 4 Christina Parkway, SR 2 Elkton Road to SR 896 South College Avenue Improvements

#### **PROJECT DESCRIPTION**

Funding is requested for improvements to provide two eastbound lanes on SR 4 Christina Parkway, from SR 2

Elkton Road to SR 896 South College Avenue. The westbound SR 4 Christina Parkway's current configuration of one lane from Elkton Road to the former Chrysler plant will remain. Multi-modal and bus stop improvements will also be incorporated into the project.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2004	\$500,000	\$0	\$0
FY 2005	700,000	0	0
FY 2014	40,000	185,931	0
FY 2018	60,000	240,000	0
FY 2022	100,000	400,000	0
FY 2023	2,400,000	9,600,000	0
TOTAL	\$3,800,000	\$10,425,931	\$0

# 8. SR 299, SR 1 to Catherine Street Improvements

#### PROJECT DESCRIPTION

Funding is requested to address transportation issues along SR 299 to provide a consistent cross section and allow for 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	\$700,000	\$0
FY 2017	300,000	1,200,000	0
FY 2019	1,300,000	5,200,000	0
FY 2021	560,000	2,240,000	0
TOTAL	\$2,160,000	\$9,340,000	\$0

# 9. U.S. 13, U.S. 40 to Memorial Drive Pedestrian Improvements

#### **PROJECT DESCRIPTION**

Funding is requested for improvements to address multimodal needs along U.S. 13, between U.S. 40 and Memorial Drive.

### CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2016	\$200,000	\$800,000	\$0
FY 2018	200,000	800,000	0
FY 2020	1,000,000	2,000,000	0
FY 2021	600,000	2,400,000	0
TOTAL	\$2,000,000	\$6,000,000	\$0

### 10. Wilmington Initiatives, 4th Street, Walnut Street to I-95 Improvements

#### PROJECT DESCRIPTION

Funding is requested to make safety and pedestrian improvements. The project includes constructing bus shelters, improving striping for sidewalk locations and reconstructing existing sidewalks.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2020	\$150,000	\$600,000	\$0
FY 2021	50,000	200,000	0
FY 2022	100,000	400,000	0
FY 2023	350,000	1,400,000	0
TOTAL	\$650,000	\$2,600,000	\$0

# 11. Wilmington Initiatives, King and Orange Streets, Martin Luther King Boulevard to 13th Street Improvements

### **PROJECT DESCRIPTION**

Funding is requested to make safety and pedestrian improvements. The project includes constructing bus shelters, improving the sidewalks and crosswalks and providing enhanced lighting and streetscaping.

	STATE	<b>FEDERAL</b>	OTHER
FY 2016	\$240,000	\$960,000	\$0
FY 2018	100,000	400,000	0
FY 2019	1,000,000	4,000,000	0
TOTAL	\$1,340,000	\$5,360,000	\$0

### 12. Wilmington Initiatives, Walnut Street, Martin Luther King Boulevard to 13th Street Improvements

### **PROJECT DESCRIPTION**

Funding is requested to make safety and pedestrian improvements. The project includes constructing bus shelters, improving sidewalks and crosswalks and providing enhanced lighting and streetscaping.

# CAPITAL REQUEST

#### **FUNDING**

	STATE	FEDERAL	OTHER
FY 2019	\$200,000	\$800,000	\$0
FY 2020	200,000	800,000	0
FY 2021	100,000	400,000	0
FY 2022	1,000,000	4,000,000	0
FY 2023	1,000,000	4,000,000	0
TOTAL	\$2,500,000	\$10,000,000	\$0

### 13. SR 9 River Road Improvements

#### **PROJECT DESCRIPTION**

Funding is requested to raise the approaches to the Army Creek Bridge on SR 9 River Road to address settling and flooding.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2019	\$240,000	\$960,000	\$0
TOTAL	\$240,000	\$960,000	<b>\$0</b>

# 14. Hazard Elimination Program (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.

### CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$5,000	\$45,000	\$0
FY 2018	400,000	1,600,000	0
TOTAL	\$405,000	\$1,645,000	\$0

# 15. 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 leftturn 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 2018	100,000	900,000	0
TOTAL	\$110,000	\$990,000	\$0

# 16. Highway Safety Improvement Program (HSIP) NCC, I-95, N 213 Carr Road and N 3 Marsh Road Interchange Improvements

#### PROJECT DESCRIPTION

Funding is requested for interchange improvements to include additional turn lanes at the Marsh Road/Carr Road and Marsh Road/I-95 southbound ramp intersections and pedestrian and bicycle improvements.

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$592,589	\$0
FY 2016	240,000	960,000	0
FY 2018	700,000	2,800,000	0
FY 2019	0	1,200,000	0
TOTAL	\$940,000	\$5,552,589	\$0

# 17. HSIP NCC, SR 273 and Harmony Road Intersection Improvements

### **PROJECT DESCRIPTION**

Funding is requested for intersection improvements to address safety and capacity issues related to the I-95 off ramp being close to Harmony Road.

### CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2016	\$0	\$449,730	\$0
FY 2018	50,000	450,000	0
FY 2020	300,000	2,700,000	0
FY 2021	150,000	1,350,000	0
TOTAL	\$500,000	\$4,949,730	\$0

# 18. 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	1,251,900	0
FY 2016	750,000	1,000,000	0
FY 2017	0	2,000,000	0
FY 2018	0	4,239,200	0
TOTAL	\$857,000	\$8,491,100	\$0

# 19. 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
FY 2019	5,000,000	3,000,000	0
FY 2020	0	13,000,000	0
FY 2021	1,200,000	4,800,000	0
TOTAL	\$6,400,000	\$22,100,000	\$0

# 20. SR 273 and Chapman Road Intersection Improvements

#### PROJECT DESCRIPTION

Funding is requested for intersection improvements at SR 273 and Chapman Road to address congestion, safety and multi-modal needs.

### CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2019	\$150,000	\$600,000	\$0
FY 2020	2,500,000	2,000,000	0
FY 2021	1,200,000	4,800,000	0
FY 2022	1,300,000	5,200,000	0
TOTAL	\$5,150,000	\$12,600,000	\$0

### 21. U.S. 13, Duck Creek Road to SR 1

### **PROJECT DESCRIPTION**

Funding is requested for improvements to include controlled access, sidewalks, bike access and other amenities.

	STATE	FEDERAL	OTHER
FY 2018	\$200,000	\$800,000	\$0
FY 2020	240,000	500,000	0
FY 2021	140,000	560,000	0
FY 2023	400,000	1,600,000	0
TOTAL	\$980,000	\$3,460,000	\$0

# 22. HSIP NCC, U.S. 40 and SR 7 Intersection Improvements

### **PROJECT DESCRIPTION**

Funding is requested to install signalized pedestrian crossings across the north and south legs of the U.S. 40 at SR 7 intersection and to construct sidewalk connections near the intersection.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$0	\$30,000	\$0
FY 2017	6,000	24,000	0
FY 2018	500,000	2,000,000	0
TOTAL	\$506,000	\$2,054,000	<b>\$0</b>

# 23. U.S. 40 and SR 896 Grade Separated Intersection

#### PROJECT DESCRIPTION

Funding is requested to convert the U.S. 40 and SR 896 intersection from an at-grade intersection to a grade separated intersection. The project includes a partial loop interchange; improvements to drainage, bike and pedestrian facilities; and a new traffic signal at terminus of the northbound SR 896 ramps at U.S. 40.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2016	\$800,000	\$3,200,000	\$0
FY 2019	200,000	600,000	0
FY 2020	0	1,000,000	0
FY 2022	2,000,000	8,000,000	0
FY 2023	4,000,000	16,000,000	0
TOTAL	\$7,000,000	\$28,800,000	\$0

# 24. 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 realign the intersection of Del Laws Road and provide a new traffic signal at that intersection.

### CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2015	\$0	\$3,500,000	\$0
FY 2017	2,600,000	3,000,000	0
FY 2018	0	6,000,000	0
FY 2019	0	1,400,000	0
TOTAL	\$2,600,000	\$13,900,000	\$0

# 25. U.S. 40, Salem Church Road to Walther Road

### **PROJECT DESCRIPTION**

Funding is requested to construct a pedestrian and bicycle path along both sides of U.S. 40 to improve safety and mobility.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2015	\$400,000	\$1,600,000	\$0
FY 2019	400,000	1,000,000	0
FY 2020	0	600,000	0
FY 2021	1,000,000	4,000,000	0
FY 2022	1,000,000	4,000,000	0
FY 2023	1,000,000	4,000,000	0
TOTAL	\$3,800,000	\$15,200,000	\$0

### 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	2,910,270	0
FY 2016	36,000	3,444,000	0
FY 2018	660,000	2,640,000	0
FY 2020	2,552,243	10,208,973	0
FY 2021	1,000,000	4,000,000	0
TOTAL	\$4,298,243	\$23,403,243	\$0

# **27. Possum Park Road and Old Possum Park Road Intersection Improvements**

#### PROJECT DESCRIPTION

Funding is requested to construct separate left-turn lanes along Possum Park Road at Saint Regis Drive and at a relocated Old Possum Park Road.

### CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2011	\$268,000	\$0	\$0
FY 2018	1,500,000	0	0
TOTAL	\$1,768,000	\$0	\$0

# 28. Boyds Corner Road, Cedar Lane Road to U.S. 13 Improvements

### **PROJECT DESCRIPTION**

Funding is requested for improvements to Boyds Corner Road, expanding from two to four lanes and building a multi-use path on each side of the roadway.

### **CAPITAL REQUEST**

### **FUNDING**

	STATE	F'EDERAL	OTHER
FY 2018	\$500,000	\$0	\$0
FY 2019	2,800,000	0	0
FY 2021	3,325,000	0	0
FY 2022	7,000,000	0	0
FY 2023	2,975,000	0	0
TOTAL	\$16,600,000	\$0	<b>\$0</b>

### 29. Lorewood Grove Road, Road 412A to SR 1 Improvements

### **PROJECT DESCRIPTION**

Funding is requested to improve Lorewood Grove Road from 412A to SR 1, allowing for two 12-foot lanes with eight-foot shoulders, an open ditch drainage system and a 10-foot multi-use path on one side of the roadway.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2017	\$75,000	\$0	\$0
FY 2018	3,000,000	0	0
FY 2020	7,000,000	0	0
FY 2021	6,000,000	0	0
FY 2022	500,000	0	0
TOTAL	\$16,575,000	<b>\$0</b>	\$0

# **30.** N **427**, Cedar Lane Road, Marl Pit Road to Boyds Corner Road Improvement

### PROJECT DESCRIPTION

Funding is requested for improvements to Cedar Lane Road between Marl Pit Road and Boyds Corner Road. The project includes expanding lane and shoulder widths, improving drainage and replacing two bridges.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2020	\$2,600,000	\$0	\$0
FY 2021	900,000	0	0
FY 2022	1,000,000	0	0
FY 2023	4,500,000	0	0
TOTAL	\$9,000,000	\$0	\$0

# 31. Cedar Lane Road and Marl Pit Road Intersection Improvements

### **PROJECT DESCRIPTION**

Funding is requested to reconfigure the intersection of Cedar Lane Road and Marl Pit Road to a roundabout.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2017	\$100,000	\$0	\$0
FY 2018	1,500,000	0	0
TOTAL	\$1,600,000	\$0	\$0

### 32. Christina River Bridge Approaches

#### PROJECT DESCRIPTION

Funding is requested to connect an urban grid system of streets to the new Christina River Bridge from both the east and west banks of the river. The streets will be multimodal, bike, pedestrian and transit-friendly, with access to existing and future development parcels.

### CAPITAL REQUEST

### **FUNDING**

	STATE	FEDERAL	OTHER
FY 2014	\$7,380,000	\$900,000	\$0
FY 2016	0	7,200,000	0
FY 2018	0	7,000,000	0
FY 2019	0	5,000,000	0
TOTAL	\$7,380,000	\$20,100,000	\$0

### 33. Christina River Bridge Enhancements

### PROJECT DESCRIPTION

Funding is requested to construct a new multi-modal bridge crossing over the Christina River to enhance access to the Wilmington Riverfront and improve access to and from U.S. 13, I-495 and I-95.

# CAPITAL REQUEST

### **FUNDING**

	STATE	FEDERAL	OTHER
FY 2018	\$0	\$9,604,938	\$0
FY 2019	0	4,388,611	0
TOTAL	\$0	\$13,993,549	\$0

### 34. Garasches Lane Enhancements

#### **PROJECT DESCRIPTION**

Funding is requested to provide efficient access and safety for all modes of travel between the Southbridge neighborhood and the Wilmington Riverfront.

### CAPITAL REQUEST

### **FUNDING**

_	STATE	FEDERAL	OTHER
FY 2016	\$60,000	\$240,000	\$0
FY 2017	100,000	400,000	0
FY 2018	600,000	600,000	0
FY 2019	0	1,800,000	0
TOTAL	\$760,000	\$3,040,000	\$0

# **35. Little Baltimore Road Drainage Improvements**

### **PROJECT DESCRIPTION**

Funding is requested for drainage improvements along Little Baltimore Road from Tenby Chase Drive to Valley Road, adding shoulders and swales.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2017	\$50,000	\$200,000	\$0
FY 2019	400,000	1,600,000	0
TOTAL	\$450,000	\$1,800,000	\$0

# **36. HEP KC, SR 8 and SR 15 Intersection Improvements**

### **PROJECT DESCRIPTION**

Funding is requested to construct an additional through and left-turn lane on northbound and southbound SR 15 at SR 8.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$100,000	\$900,000	\$0
FY 2018	200,000	800,000	0
FY 2020	300,000	1,400,000	0
FY 2021	150,000	1,350,000	0
TOTAL	\$750,000	\$4,450,000	\$0

# **37. Loockerman 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 Loockerman 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 2016	300,000	0	0
FY 2019	200,000	0	0
FY 2020	700,000	1,800,000	0
FY 2021	400,000	1,600,000	0
TOTAL	\$1,915,000	\$3,400,000	\$0

# **38. 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 2014	0	256,800	0
FY 2015	0	8,749,288	154,287
FY 2016	0	20,000,000	0
FY 2017	0	20,451,349	7,465
FY 2018	0	4,888,775	0
TOTAL	\$8,835,000	\$73,411,812	\$578,527

<sup>\*</sup>Fiscal Year 2011 includes reauthorizations.

# 39. SR 1, NE Front Street Grade Separated Intersection

### **PROJECT DESCRIPTION**

Funding is requested to construct a grade separated intersection at SR 1 and NE Front Street in Milford. The project will enhance the capacity and safety of the SR 1 corridor.

_	STATE	FEDERAL	OTHER
FY 2016	\$0	\$2,788,181	\$0
FY 2018	3,200,000	10,000,000	0
FY 2019	0	2,800,000	0
TOTAL	\$3,200,000	\$15,588,181	\$0

<sup>\*\*</sup>The source of Other funds is developers.

# 40. 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 2017	0	13,600,000	0
FY 2018	0	5,255,468	0
TOTAL	\$2,029,400	\$24,593,363	<b>\$0</b>

# 41. 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 2016	\$2,000	\$18,000	\$0
FY 2017	3,000	27,000	0
FY 2018	25,000	225,000	0
TOTAL	\$30,000	\$270,000	\$0

# **42. 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, stormwater management facilities,

multiple intersection redesigns, traffic signal reconfigurations and multi-modal improvements.

### CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$0	\$3,600,000	\$0
FY 2016	0	1,600,000	0
FY 2019	400,000	1,600,000	0
FY 2020	13,200,000	2,000,000	0
FY 2021	4,400,000	17,600,000	0
FY 2022	4,400,000	17,600,000	0
FY 2023	4,400,000	17,600,000	0
TOTAL	\$26,800,000	\$61,600,000	<b>\$0</b>

# 43. HEP KC, U.S. 13 Walnut Shade Road to Lochmeath Way Improvements

#### **PROJECT DESCRIPTION**

Funding is requested to construct a third lane in each direction on U.S. 13 from Walnut Shade Road to Lochmeath Way, to include multi-modal improvements.

# CAPITAL REQUEST

#### FUNDING

_	STATE	FEDERAL	OTHER
FY 2018	\$100,000	\$400,000	\$0
FY 2021	100,000	400,000	0
FY 2022	1,600,000	6,400,000	0
FY 2023	1,700,000	6,800,000	0
TOTAL	\$3,500,000	\$14,000,000	\$0

# **44.** Walnut Shade Road, U.S. 13 to Peachtree Run 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 2019	\$170,000	\$680,000	\$0
FY 2021	100,000	400,000	0
FY 2022	100,000	400,000	0
FY 2023	1,000,000	4,000,000	0
TOTAL	\$1,370,000	\$5,480,000	\$0

# **45.** Camden Bypass, North Street Extended to SR 10 Improvements

#### **PROJECT DESCRIPTION**

Funding is requested to construct a new alignment from North Street to SR 10 and to add bicycle and pedestrian accommodations.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$140,000	\$560,000	\$0
FY 2020	240,000	580,000	0
FY 2021	120,000	480,000	0
FY 2022	400,000	1,600,000	0
FY 2023	100,000	400,000	0
TOTAL	\$1,000,000	\$3,620,000	\$0

# **46.** Camden Bypass, South Street to Rising Sun Road Improvements

#### **PROJECT DESCRIPTION**

Funding is requested to construct a new alignment from South Street to a new signalized intersection at U.S. 13. The project will also extend the new connector to SR 10, align Rising Sun Road with existing SR 10 and maintain the signal at Camden-Wyoming Avenue and U.S. 13.

### CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2015	\$240,000	\$0	\$0
FY 2017	0	960,000	0
FY 2019	400,000	900,000	0
FY 2020	0	700,000	0
FY 2021	1,000,000	4,000,000	0
FY 2022	1,000,000	4,000,000	0
TOTAL	\$2,640,000	\$10,560,000	\$0

### 47. 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.

# CAPITAL REQUEST FUNDING

_	STATE	<b>FEDERAL</b>	OTHER
FY 2016	\$40,000	\$160,000	\$0
FY 2017	0	400,000	0
FY 2019	440,000	1,760,000	0
FY 2021	300,000	1,200,000	0
FY 2022	300,000	1,200,000	0
TOTAL	\$1,080,000	\$4,720,000	\$0

# **48. 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	\$180,000	\$720,000	\$0
FY 2017	0	320,000	0
FY 2018	192,000	768,000	0
FY 2020	600,000	1,400,000	0
FY 2021	300,000	1,200,000	0
TOTAL	\$1,272,000	\$4,408,000	<b>\$0</b>

# 49. SR 1 and Cave Neck Road Grade Separated Intersection

#### **PROJECT DESCRIPTION**

Funding is requested to construct a grade separated intersection at SR 1 and Cave Neck Road. The improvements will enhance the capacity and safety of the SR 1 corridor.

### CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2019	\$400,000	\$600,000	\$0
FY 2020	0	1,000,000	0
FY 2021	100,00	400,000	0
FY 2022	170,000	680,000	0
FY 2023	120,000	480,000	0
TOTAL	\$790,000	\$3,160,000	\$0

# **50. SR 1, Minos Conaway Road Grade Separated Intersection**

#### **PROJECT DESCRIPTION**

Funding is requested to construct a grade separation with bridge and entrance/exit ramps at the intersection of SR 1 and Minos Conaway Road, near Nassau.

### CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2018	\$20,000	\$80,000	\$0
FY 2020	2,400,000	4,200,000	0
FY 2021	800,000	3,200,000	0
FY 2022	800,000	3,200,000	0
FY 2023	800,000	3,200,000	0
TOTAL	\$4,820,000	\$13,880,000	\$0

### 51. 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 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	920,000	0	0
FY 2017	600,000	0	0
FY 2018	600,000	0	0
FY 2019	600,000	0	0
FY 2020	600,000	0	0
FY 2021	600,000	0	0
FY 2022	600,000	0	0
FY 2023	600,000	0	0
TOTAL	\$19,320,000	\$3,000,000	<b>\$0</b>

### 52. U.S. 113 at SR 18/SR 404 Grade Separated Intersection

### **PROJECT DESCRIPTION**

Funding is requested to construct a grade separated interchange at the intersection of SR 18 and SR 404 on U.S. 13. The improvements include shifting the horizontal alignment, raising the roadway, constructing a new overpass, road widening, drainage/storm water management and signage.

	STATE	FEDERAL	OTHER
FY 2020	\$3,440,000	\$1,500,000	\$0
FY 2021	1,240,000	4,960,000	0
FY 2022	2,040,000	8,160,000	0
FY 2023	1,960,000	6,040,000	0
TOTAL	\$8,680,000	\$20,660,000	\$0

### 53. HEP SC, SR 1 and SR 16 Grade Separated Intersection

### **PROJECT DESCRIPTION**

Funding is requested to construct a grade separation at the intersection of SR 1 and SR 16, which includes a bridge and ramps.

### CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2016	\$0	\$1,200,000	\$0
FY 2019	1,000,000	2,200,000	0
FY 2020	0	1,800,000	0
FY 2021	1,400,000	5,600,000	0
FY 2022	1,400,000	5,600,000	0
FY 2023	1,600,000	6,400,000	0
TOTAL	\$5,400,000	\$22,800,000	\$0

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

#### PROJECT DESCRIPTION

Funding is requested to construct additional turn lanes at the U.S. 9 and SR 5 intersection to address existing and future capacity.

# 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

#### 55. 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	0	211,073	0
FY 2020	1,400,000	2,800,000	0
FY 2021	700,000	2,800,000	0
FY 2022	2,200,000	8,800,000	0
FY 2023	2,200,000	8,800,000	0
TOTAL	\$6,500,000	\$24,611,873	\$0

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

#### **PROJECT DESCRIPTION**

Funding is requested for 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 2018	\$191,204	\$1,720,837	\$0
FY 2020	259,531	2,335,775	0
FY 2021	259,531	2,335,775	0
TOTAL	\$710,266	\$6,392,387	\$0

# 57. 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 2019	605,863	1,800,000	0
FY 2020	0	623,451	0
TOTAL	\$605,863	\$6,178,151	\$0

### 58. 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	0	180,000	0
FY 2018	80,000	720,000	0
FY 2020	400,000	2,000,000	0
FY 2021	200,000	1,800,000	0
TOTAL	\$680,000	\$6,360,233	\$0

# 59. SR 24, Love Creek to Mulberry Knoll Improvements

### PROJECT DESCRIPTION

Funding is requested for safety and operational improvements on SR 24 from the Love Creek Bridge to SR 24. The project includes installation of stormwater management and multi-modal facilities.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2018	\$300,000	\$1,200,000	\$0
FY 2020	600,000	2,400,000	0
FY 2021	300,000	1,200,000	0
TOTAL	\$1,200,000	\$4,800,000	\$0

### 60. 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.

	STATE	FEDERAL	OTHER
FY 2013	\$2,200,000	\$0	\$0
FY 2017	110,413	0	0
FY 2018	1,337,200	5,348,800	0
TOTAL	\$3,647,613	\$5,348,800	\$0

# 61. Old Orchard Road at Wescoats Corner Improvement

### **PROJECT DESCRIPTION**

Funding is requested to realign Old Orchard Road to intersect Savannah Road, opposite Wescoats Road. Pedestrian and bicycle facilities will also be incorporated in the project.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2018	\$1,300,000	\$0	\$0
FY 2020	2,500,000	0	0
FY 2021	500,000	0	0
TOTAL	\$4,300,000	\$0	\$0

### 62. 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 2018	\$4,730,514	\$9,736,853	\$0
FY 2019	4,718,013	9,686,853	0
FY 2020	4,908,013	11,510,853	0
FY 2021	3,545,162	11,235,449	0
FY 2022	3,795,646	11,179,786	0
FY 2023	3,795,646	11,179,786	0
TOTAL	\$25,492,994	\$64,529,580	\$0

### **63. 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 2018	\$18,184,100	\$37,182,400	\$0
FY 2019	45,391,500	54,632,000	0
FY 2020	12,400,000	55,408,000	0
FY 2021	23,533,430	78,133,720	0
FY 2022	21,626,000	70,504,000	0
FY 2023	16,610,000	50,440,000	0
TOTAL	\$137,745,030	\$346,300,120	\$0

### **64. Transportation Alternatives**

### PROJECT DESCRIPTION

Funding is requested for the Transportation Alternatives 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.

	STATE	FEDERAL	OTHER
FY 2018	\$1,058,325	\$2,796,679	\$0
FY 2019	1,342,300	2,884,679	0
FY 2020	1,342,300	2,884,679	0
FY 2021	1,072,800	4,091,200	0
FY 2022	1,072,800	4,091,200	0
FY 2023	1,072,800	4,091,200	0
TOTAL	\$6,961,325	\$20,839,637	\$0

### 65. 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 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.

# CAPITAL REQUEST

#### **FUNDING**

	STATE	FEDERAL	OTHER
FY 2018	\$59,200,000	\$19,800,000	\$0
FY 2019	57,200,000	20,800,000	0
FY 2020	58,200,000	18,600,000	0
FY 2021	55,200,000	14,800,000	0
FY 2022	55,200,000	24,800,000	0
FY 2023	55,200,000	24,800,000	0
TOTAL	\$340,200,000	\$123,600,000	\$0

#### 66. 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 by the Department of Natural Resources and Environmental Control (DNREC). An annual work plan is developed that includes a listing of RTP-funded activities and programs.

### CAPITAL REQUEST FUNDING

<u></u>	STATE	FEDERAL	OTHER*
FY 2018	\$0	\$1,000,000	\$250,000
FY 2019	0	1,000,000	250,000
FY 2020	0	1,000,000	250,000
FY 2021	0	905,680	226,420
FY 2022	0	905,680	226,420
FY 2023	0	905,680	226,420
TOTAL	<b>\$0</b>	\$5,717,040	\$1,429,260

<sup>\*</sup>The source of Other funds is DNREC.

# 67. 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:

- Georgetown to Lewes rail with trail;
- Route 10 bridge crossing to Gateway Shopping Center:
- Wooten Road pedestrian improvements (Trap Pond);
- West Street trail connector;
- Brecknock Park multi-use trail;
- Junction and Breakwater Rehoboth Avenue extension;
- Senator bikeway;
- U.S. 13 Dover sidewalk improvements; and
- Washington Street Extension bicycle and pedestrian improvements.

Projects in the planning phase include:

- Bike/Pedestrian Education; and
- Kentmere Trail and Newark to Wilmington, (Phase I).

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2018	\$800,000	\$3,200,000	\$0
FY 2019	800,000	3,200,000	0
FY 2020	800,000	3,200,000	0
FY 2021	800,000	3,200,000	0
FY 2022	800,000	3,200,000	0
FY 2023	800,000	3,200,000	0
TOTAL	\$4,800,000	\$19,200,000	\$0

### 68. 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

OTHER
\$0
0
0
0
0
0
\$0

### 69. 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:

- 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.

### CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$12,000,000	\$0	\$0
FY 2019	8,000,000	0	0
FY 2020	8,000,000	0	0
FY 2021	8,000,000	0	0
FY 2022	8,000,000	0	0
FY 2023	8,000,000	0	0
TOTAL	\$52,000,000	\$0	\$0

### 70. Rail Crossing Safety Program

### **PROJECT DESCRIPTION**

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

	STATE	FEDERAL	OTHER
FY 2018	\$311,749	\$1,905,738	\$0
FY 2019	311,749	1,905,738	0
FY 2020	311,749	1,905,738	0
FY 2021	311,749	1,905,738	0
FY 2022	311,749	1,905,738	0
FY 2023	311,749	1,905,738	0
TOTAL	\$1,870,494	\$11,434,428	\$0

### 71. 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 signage, pavement marking and/or traffic signal upgrades, guardrail upgrades, maintenance activities and other lowcost 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 2018	\$303,809	\$4,620,196	\$0
FY 2019	1,127,777	10,374,820	0
FY 2020	1,138,888	11,084,091	0
FY 2021	1,027,777	9,170,195	0
FY 2022	1,027,777	9,170,195	0
FY 2023	1,027,777	9,170,195	0
TOTAL	\$5,653,805	\$53,589,692	<b>\$0</b>

### 72. 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 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 development traffic calming projects are funded through the 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:

- Spring Creek; and
- South Bethany Beach.

The following projects are advancing in development and design:

- City of Dover (Independence Boulevard and State Street);
- Southward at Valley Road; and
- Rubber replacements.

# CAPITAL REQUEST

#### **FUNDING**

_	STATE	FEDERAL	OTHER
FY 2018	\$150,000	\$0	\$0
FY 2019	150,000	0	0
FY 2020	150,000	0	0
FY 2021	150,000	0	0
FY 2022	150,000	0	0
FY 2023	150,000	0	0
TOTAL	\$900,000	\$0	\$0

# 73. Engineering and Contingency - Road System

#### PROJECT DESCRIPTION

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

### CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$29,373,000	\$18,000	\$0
FY 2019	29,208,000	18,000	0
FY 2020	29,208,000	18,000	0
FY 2021	29,208,000	18,000	0
FY 2022	29,208,000	18,000	0
FY 2023	29,140,000	18,000	0
TOTAL	\$175,345,000	\$108,000	\$0

### **74. 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 2018	\$3,500,000	\$2,500,000	\$600,000
FY 2019	3,500,000	2,500,000	600,000
FY 2020	3,500,000	2,500,000	600,000
FY 2021	3,500,000	2,500,000	600,000
FY 2022	3,500,000	2,500,000	600,000
FY 2023	3,500,000	2,500,000	600,000
TOTAL	\$21,000,000	\$15,000,000	\$3,600,000

<sup>\*</sup>The sources of Other funds are private developers and utility companies.

### 75. Corridor Capacity Preservation

### **PROJECT DESCRIPTION**

Funding is requested for capacity preservation, to include efficient and safe traffic management, minimize the transportation impacts of increased economic growth, preserve the ability to make future transportation-related improvements and prevent the need to build an entirely new road.

### CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$1,000,000	\$0	\$0
FY 2019	1,000,000	0	0
FY 2020	1,000,000	0	0
FY 2021	1,000,000	0	0
FY 2022	1,000,000	0	0
FY 2023	1,000,000	0	0
TOTAL	\$6,000,000	<b>\$0</b>	\$0

# **76.** Pedestrian Americans with Disabilities Act (ADA) Improvements

### **PROJECT DESCRIPTION**

Funding is requested for improvements to the Pedestrian System (sidewalks, trails, etc.) for compliance with the ADA Title II Transition Plan.

### CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$3,000,000	\$0	\$0
FY 2019	3,000,000	0	0
FY 2020	3,000,000	0	0
FY 2021	3,000,000	0	0
FY 2022	3,000,000	0	0
FY 2023	3,000,000	0	0
TOTAL	\$18,000,000	\$0	\$0

# 77. Slope Stabilization Program

### **PROJECT DESCRIPTION**

Funding is requested for improvements to roadway slopes, such as walls, reinforced slopes and/or guardrails.

	STATE	FEDERAL	OTHER
FY 2018	\$2,500,000	\$0	\$0
FY 2019	2,500,000	0	0
FY 2020	5,000,000	0	0
FY 2021	2,500,000	0	0
FY 2022	2,500,000	0	0
TOTAL	\$15,000,000	\$0	\$0

### 78. 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 2018	\$5,000,000	\$0	\$0
FY 2019	5,000,000	0	0
FY 2020	5,000,000	0	0
FY 2021	5,000,000	0	0
FY 2022	5,000,000	0	0
FY 2023	5,000,000	0	0
TOTAL	\$30,000,000	\$0	\$0

### 79. Community Transportation Fund

### **PROJECT DESCRIPTION**

Funding is requested for CTF, which provides members of the General Assembly with funding for community transportation projects.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$17,680,000	\$0	\$0
FY 2019	17,680,000	0	0
FY 2020	17,680,000	0	0
FY 2021	17,680,000	0	0
FY 2022	17,680,000	0	0
FY 2023	17,680,000	0	0
TOTAL	\$106,080,000	\$0	\$0

### **80. Transit Facilities New Castle County**

### **PROJECT DESCRIPTION**

Funding is requested for the following:

- Middletown Park and Ride;
- New Castle County Transit Center;
- Claymont Regional Transportation Center;

- Wilmington Operations Center Bus Wash;
- Beech Street Maintenance Building;
- DART I Bus Vacuum: and
- Newark Regional Transportation Center, platform and pedestrian bridge.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$39,250,000	\$15,920,000	\$0
FY 2019	3,500,000	8,000,000	0
FY 2020	150,000	3,000,000	0
FY 2021	200,000	800,000	0
TOTAL	\$43,100,000	\$27,720,000	\$0

### **81. 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 2018 \$1,300,000 for reinstating Preventive Maintenance; and
- Fiscal Year 2019 2.0 FTEs and \$113,940 in Personnel Costs and \$116,362 in Transit Operations to operate two additional buses.

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

_	STATE	FEDERAL	OTHER
FY 2018	\$1,925,103	\$12,327,013	\$1,300,000
FY 2019	7,644,450	34,970,507	1,300,000
FY 2020	2,513,997	14,177,486	1,300,000
FY 2021	2,292,741	14,177,487	1,300,000
FY 2022	1,155,556	9,629,024	1,300,000
FY 2023	0	5,200,000	1,300,000
TOTAL	\$15,531,847	\$90,481,517	\$7,800,000

<sup>\*</sup>The source of Other funds is DTC.

### 82. Transit Facilities Kent County

#### PROJECT DESCRIPTION

Funding is requested for the following:

- Bus facilities modifications for electric buses; and
- Dover facility renovations.

### CAPITAL REQUEST

#### **FUNDING**

	STATE	FEDERAL	OTHER
FY 2018	\$1,014,200	\$1,382,800	\$0
TOTAL	\$1,014,200	\$1,382,800	\$0

### 83. Transit Vehicles Kent County

### PROJECT DESCRIPTION

Funding is requested for the procurement of:

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

For Fiscal Year 2019, the operating budget impacts include 8.0 FTEs and \$455,760 in Personnel Costs and \$465,448 in Transit Operations to operate eight additional buses.

Personnel Costs are based on the current DTC union contract.

# CAPITAL REQUEST

### **FUNDING**

	STATE	FEDERAL	OTHER*
FY 2018	\$2,196,621	\$7,868,186	\$23,900
FY 2019	478,883	2,010,934	23,900
FY 2020	1,900,482	7,250,225	23,900
FY 2021	1,788,707	7,250,225	23,900
FY 2022	331,453	1,218,052	23,900
FY 2023	591,518	2,461,471	23,900
TOTAL	\$7,287,664	\$28,059,093	\$143,400

<sup>\*</sup>The source of Other funds is DTC.

### 84. Transit Facilities Sussex County

#### **PROJECT DESCRIPTION**

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

# CAPITAL REQUEST

### **FUNDING**

	STATE	FEDERAL	OTHER
FY 2018	\$70,000	\$280,000	\$0
FY 2019	490,000	1,960,000	0
TOTAL	\$560,000	\$2,240,000	\$0

### 85. 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.

For Fiscal Year 2019, the operating budget impacts include 1.0 FTE and \$56,970 in Personnel Costs and \$59,392 in Transit Operations to operate an additional support vehicle.

Personnel Costs are based on the current DTC union contract.

	STATE	FEDERAL	OTHER*
FY 2018	\$1,559,837	\$1,891,951	\$189,147
FY 2019	2,137,563	189,147	189,147
FY 2020	3,212,696	2,730,747	189,147
FY 2021	3,177,446	2,730,747	189,147
FY 2022	5,418,253	9,974,747	189,147
FY 2023	2,921,063	0	0
TOTAL	\$18,426,858	\$17,517,339	\$945,735

<sup>\*</sup>The source of Other funds is DTC.

### 86. 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. Additionally, funding is requested for Claymont Station parking expansion and ADA improvements.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER
FY 2018	\$3,129,500	\$0	\$0
FY 2019	2,300,000	0	0
FY 2020	3,300,000	0	0
FY 2021	2,800,000	0	0
FY 2022	2,900,000	0	0
FY 2023	3,000,000	0	0
TOTAL	\$17,429,500	\$0	\$0

### 87. Transit Facilities Statewide

### **PROJECT DESCRIPTION**

Funding is requested to provide assistance in the preservation of statewide transit facilities. Projects include:

- Bus stop improvements and ADA improvements;
- DTC fuel management system/upgrades;
- Traveler information signage; and
- Snow blowers.

# CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$4,900,000	\$0	\$0
FY 2019	1,040,000	0	0
FY 2020	3,290,000	0	0
FY 2021	1,790,000	0	0
FY 2022	1,790,000	0	0
FY 2023	1,790,000	0	0
TOTAL	\$14,600,000	\$0	\$0

### 88. 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
- Fare collection improvements.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER*
FY 2018	\$1,075,805	\$1,168,869	\$580,926
FY 2019	923,657	1,168,869	580,926
FY 2020	960,657	1,168,869	580,926
FY 2021	903,657	1,168,869	580,926
FY 2022	880,657	1,168,869	580,926
FY 2023	880,657	1,168,869	580,926
TOTAL	\$5,625,090	\$7,013,214	\$3,485,556

<sup>\*</sup>The source of Other funds is DTC.

#### 89. 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.

	STATE	FEDERAL	OTHER
FY 2018	\$641,500	\$148,500	\$0
FY 2019	296,500	148,500	0
FY 2020	301,000	189,000	0
FY 2021	301,000	189,000	0
FY 2022	301,000	189,000	0
FY 2023	301,000	189,000	0
TOTAL	\$2,142,000	\$1,053,000	\$0

### 90. Planning

#### PROJECT DESCRIPTION

is requested to Funding support the State's comprehensive transportation planning activities, including the State Transportation plan coordination with County Comprehensive Development plans Preliminary Land Use Service activities. This funding will provide for the management of statewide programs, such as Scenic and Historic Byways, Metropolitan Planning Organizations and education and training 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 2018	\$4,275,482	\$6,159,581	\$0
FY 2019	4,305,699	6,280,449	0
FY 2020	4,317,028	6,411,596	0
FY 2021	4,338,486	6,411,596	0
FY 2022	4,338,486	6,411,596	0
FY 2023	4,338,486	6,411,596	0
TOTAL	\$25,913,667	\$38,086,414	\$0

### 91. 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 2018	\$14,413,750	\$280,000	\$0
FY 2019	13,013,750	280,000	0
FY 2020	12,013,750	280,000	0
FY 2021	13,013,750	280,000	0
FY 2022	13,013,750	280,000	0
FY 2023	13,013,750	280,000	0
TOTAL	\$78,482,500	\$1,680,000	\$0

### 92. 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 2018	\$10,000,000	\$0	\$0
FY 2019	10,000,000	0	0
FY 2020	10,000,000	0	0
FY 2021	10,000,000	0	0
FY 2022	10,000,000	0	0
FY 2023	10,000,000	0	0
TOTAL	\$60,000,000	\$0	\$0

### 93. 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 (DMV) and the Traffic Management Center facility. Life cycle improvements are required at all facilities. Additional efforts are underway to make buildings more energy efficient and to upgrade DMV toll collection equipment.

### CAPITAL REQUEST FUNDING

	STATE	FEDERAL	OTHER
FY 2018	\$15,750,000	\$0	\$0
FY 2019	9,250,000	0	0
FY 2020	7,250,000	0	0
FY 2021	6,250,000	0	0
FY 2022	6,250,000	0	0
FY 2023	6,250,000	0	0
TOTAL	\$51,000,000	<b>\$0</b>	\$0

### 94. 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 and transit; reduce congestion; and improve transportation system reliability and safety.

# CAPITAL REQUEST FUNDING

_	STATE	FEDERAL	OTHER*
FY 2018	\$2,500,000	\$7,860,000	\$90,000
FY 2019	2,500,000	7,860,000	90,000
FY 2020	2,500,000	7,860,000	90,000
FY 2021	2,250,000	6,884,000	96,000
FY 2022	2,500,000	7,884,000	96,000
FY 2023	2,500,000	7,884,000	96,000
TOTAL	\$14,750,000	\$46,232,000	\$558,000

<sup>\*</sup>The source of Other funds is DTC.

# 95. Engineering and Contingency - Support System

#### **PROJECT DESCRIPTION**

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

	STATE	<b>FEDERAL</b>	OTHER
FY 2018	\$0	\$200,000	\$0
FY 2019	0	200,000	0
FY 2020	0	200,000	0
FY 2021	0	200,000	0
FY 2022	0	200,000	0
FY 2023	0	200,000	0
TOTAL	<b>\$0</b>	\$1,200,000	<b>\$0</b>