DOVER/KENT COUNTY
METROPOLITAN PLANNING ORGANIZATION

TRANSPORTATION IMPROVEMENT PROGRAM
FISCAL YEARS 2016-2019

Adopted: May 6, 2015
Amended: September 2, 2015

Prepared by the
Dover/Kent County Metropolitan Planning Organization Council

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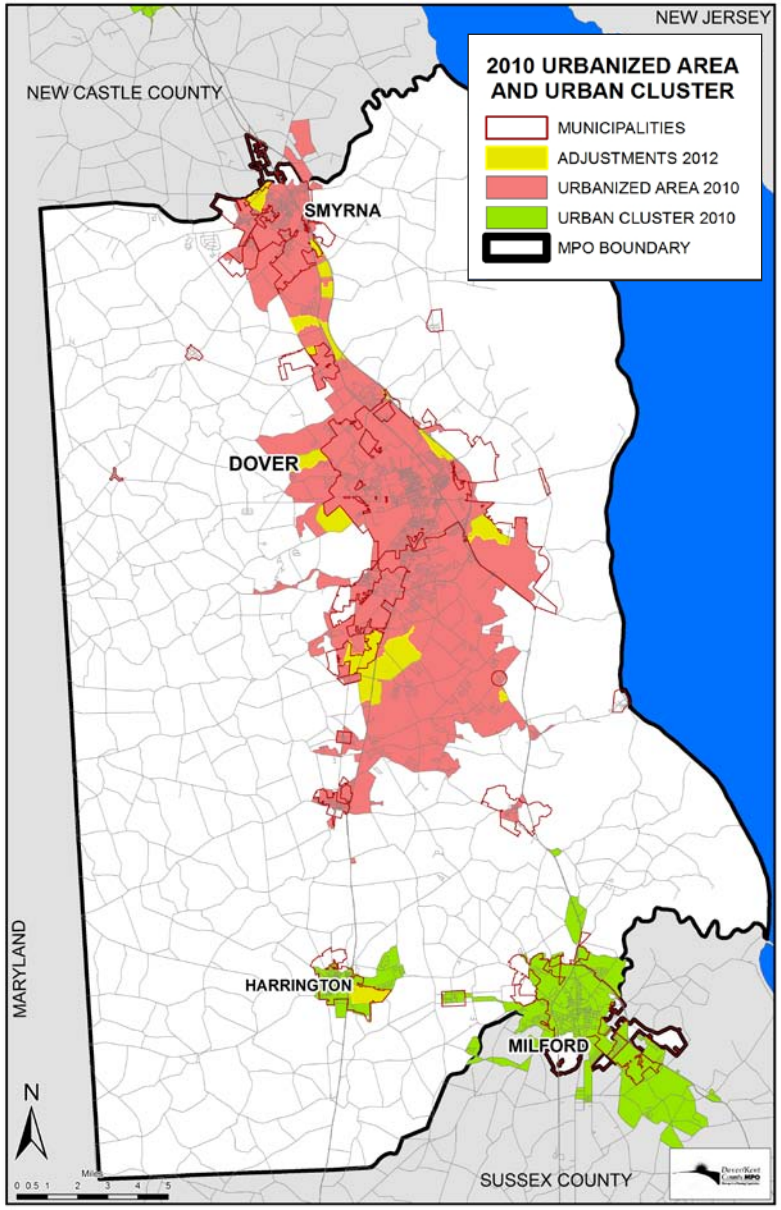
Background

The Dover/Kent County Metropolitan Planning Organization (Dover/Kent County MPO) is the transportation planning organization for the Dover, Delaware urbanized area. The Dover/Kent County MPO was established in 1992 under the mandates of the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991, which continued the requirement that a metropolitan planning process be established in urbanized areas with a population greater than 50,000. The Dover urbanized area exceeded that threshold by the 1990 U.S. Census of Population, with a figure of 50,757. The MPO subsequently officially expanded the area of responsibility to Kent County and its municipalities including the portions of Milford and Smyrna in the neighboring counties. In 2010, the urbanized area population was determined to be 110,769 persons, a 75% increase from the 2000 population of 65,044. The population of Kent County grew from 126,697 in 2000 to 162,310 persons in the 2010 decennial census, a 28% increase.



Transportation funding was reauthorized as Moving Ahead for Progress in the 21st century (MAP-21) in FFY2012 and FFY2013 and has enjoyed continuing resolutions since. The Transportation Improvement Program (TIP) is one of the products that the federal legislation requires a metropolitan planning organization to prepare at least every four years. The purpose of the TIP is to disclose transportation projects for which federal funding will be sought over a four year period. The TIP should reflect the region's priorities, represent a consensus among state and regional officials, show a direct relationship to the regional transportation plan, be financially constrained, and conform with federal air quality regulations as they relate to transportation. Finally, the TIP must be subjected to thorough public review during development and prior to adoption.

The FY 2016-2019 TIP follows the preceding (FY 2015-2018) TIP as amended in January, 2015. The previous amended TIP was prepared

from the FY 2015-2020 Capital Transportation Program (CTP) and influenced by the MPO's 2040 Metropolitan Transportation Plan (MTP). This document was originally prepared with the benefit of a draft FY 2016-2021 CTP. The Delaware Department of Transportation (DelDOT) once again was scrambling to allocate additional funds to transportation projects. The State Legislature discussed mechanism that increased the gasoline tax to dedicate to the Transportation Trust Fund and as simple as incrementally increasing fees and penalties. Finance Department provided the approved Bond Bill authorization that reflected the total of the allocable funds negotiated for the FY 2016 budget. The MPO had added important projects being considered; the Camden Bypass Plan and a proposed widening of US13 from the Puncheon Run Connector to Walnut Shade Road near Woodside. The MPO also took the opportunity to split large study areas into separate projects that were scored and prioritized as well.

In an effort to identify appropriate projects to recommend for funding in future CTP's, the MPO established a Working Group to develop criteria and a scoring rubric to identify the most important projects; to Prioritize. The working group chose to accept the software and technical assistance provided by DelDOT with Decisions Lens®. The Working Group has developed the inputs into the prioritization model and have identified which criteria is most important to weight the project scores. The group will be tasked to produce a mechanism for bicycle and pedestrian facilities next and to work with staff to develop the mechanisms and data required for scoring all projects, including predictive traffic management measurement.

Public input was solicited from residents of the county, as well as from the Public Advisory Committee (PAC) meetings held at the Kent County Administration Building, for Plan amendments and this TIP document. In the past, the MPO had advertised and toured the TIP sites during a bus tour. Since there have been no new major projects included in this document, the MPO prepared a virtual tour of the highway projects that are funded during the TIP period. This virtual tour has accomplished a mechanism for constituents to view a summary of the projects included in the TIP so that the bus tour is becoming less valuable. The eleven virtual tours, along with an introduction and conclusion, have been included on the MPO's website at http://doverkentmpo.delaware.gov/projects/video-trail/

The funds anticipated to be used for the Kent County projects (not the greater MPO area) in the TIP during FY 2016 - FY 2019 are shown below.

	Total Amount	Federal Share
FY 16	$67,768,202	$55,061,985
FY 17	$55,076379	$48,710,210
FY 18	$40,628,042	$35,163,612
FY 19	$19,970,169	$16,230,495

In addition to this funding for new projects, DelDOT maintains and operates the transportation system under statewide categories such as bridge inspection, pavement rehabilitation, roadway signage, intersection improvements, bicycle and pedestrian improvements and

statewide transit services and equipment. The actual amount of funds to be spent from these statewide categories in the MPO's region cannot always be determined since projects are selected based on statewide needs. A small percentage of costs for Statewide Projects within the MPO's region are federally funded. This MPO TIP will be submitted to DelDOT as the region's input for the FY 2016-FY 2019 Statewide Transportation Improvement Program (STIP).

Regional Goals

Kent County has a diverse economy and population. The City of Dover is a strong metropolitan hub situated in the center of the county in a growth corridor that extends from Smyrna to the north and Milford and Harrington to the south. Inside the functional growth corridor and actual Kent County Growth Zone are the largest employers, include Dover Air Force Base, the State of Delaware, Kraft General Foods USA, BayHealth Medical Center, the Eagle Group, General Metalcraft Inc., Proctor and Gamble, Inc., and ILC Dover, Inc. The regional warehouse of Wal-Mart, located in Smyrna, has also been playing a greater role in the economic integrity of the area, as will the proposed apron for private jets, large and small, at the Dover Air Force Base. Outside of the growth corridor, the county's economy is predominantly agricultural, including a well-established but dwindling Amish community. The presence of three four-year colleges, one two-year college and their satellite locations enhances the region's ability to attract and maintain a diverse community.

On January 9, 2013, the MPO adopted its 2040 Metropolitan Transportation Plan (MTP), the MPO's long-range transportation plan (LRTP). The MTP, which has greater than a 20-year planning horizon, assesses the region's short-term improvement needs, projects future needs, projects the funds available, and identified goals and objectives to meet those needs. The MTP was financially reasonable and resulted in a positive impact on the region's air quality. The regional planning process was coordinated with DelDOT's statewide planning process, the Office of State Planning Coordination's State Strategies for Policies and Spending, Kent County's Comprehensive Plan, and the Comprehensive Plans of all municipalities and other plans in the region. The MTP was amended on January 8, 2014 to include the Camden Bypass and to reorganize two larger projects into separate component projects; the Route 8 Study and the North Dover US 13Corridor Study. Another amendment to the MTP has been proposed; to include the widening of US 13 from the Puncheon Run Connector to Walnut Shade Road near Woodside to three lanes in each direction. It was considered and approved at the MPO Council meeting of May 7, 2014.

The 2040 MTP provides a framework to guide future transportation planning, programming activities, and policy alternatives. The following goals are identified for Kent County:

- Strengthen the diverse and relatively stable local economy;
- Maintain the current quality of life, including the agricultural economy, the abundant natural resources and open space, and the accessibility of political leaders;
- Manage growth effectively by ensuring adequate infrastructure is available to support desired growth patterns;
- Improve access and mobility while ensuring the safety and security of all citizens; and

- Preserve and expand transportation infrastructure to safely and efficiently transport people and goods.

A hierarchy of fundamental strategies has been developed to support these goals and further guide transportation planning and programming decisions for transportation investments by:

- First, preserving and maintaining the existing transportation system;
- then, improving management of the existing transportation system;
- then, developing and expanding multiple transportation modes; and
- and finally, providing additional roadway system capacity.

Projects in the FY2016-2019 TIP were drawn from the 2040 MTP, as amended.

The Prioritization Process

In the most recent long range plan, the MPO, led by the Technical Advisory Committee, maintained the status quo for the project prioritization completed for the Metropolitan Transportation Plan. Delaware is in a unique position, as it maintains over 90% of the roads on the state. The has been a renewed attempt to create a planning process where the TIP is produced by the MPO or projects are at least recommended to the DOT that then becomes a portion of the CTP. This attempt follows that of the Department of Transportation's critical analysis that changed their project ranking process and results and changed the Projects List significantly for FY 2015 and continued into this TIP. The MPO and the department are finding their way through the dual challenges of funding the most important projects while attempting to meet a budget, beyond the requirement for a constrained budget. This TIP implements a new approach by the Department to developing the CTP while the MPO attempts build a process built upon the same prioritizing software using a new set of criteria defined with our partners. They are : System Operating Effectiveness, Safety, Environmental Impact/Stewardship, Revenue Generation/Economic Development/Jobs and Commerce, Supports Freight Movement, Multi-Modal Feasibility/Access, Impact on the Public/Social Disruption and Economic Justice, Community Priorities, and
The State Strategies for Policies and Spending.

The previous method of scoring project prioritization was based on the 10 factors described in table 1 with a less mathematical system of 'weighting' project scores. An original attempt to realign the scoring of projects for prioritization was made by adding two additional factors; support for the community's comprehensive plan and support for the regional growth management plans. The attempt became an interim one as it was determined that the MPO should consider implementing a wholesale change in how projects are viewed. In fact, the prospective changed from one of nominated project analysis and scoring to one of problem analysis and scoring. Rather than asking communities to nominate presumed solutions, the MPO asked them to nominate problems that they realize in the transportation system of their community. The problems will be prioritized using an approach developed by the Working Group.

Table 1. Factors, Definitions and Weights for TIP Project Scoring

Previous Factor	Weight	Proposed Factor	Weight
Safety	0.20	Safety	
Support for Comprehensive/ Community Plans	0.20	System Operating Effectiveness	
Environmental Justice	0.10	Environmental Impact/Stewardship	
Transit	0.05	Revenue Generation/Economic Development/Jobs and Commerce	
Pedestrian/Bicycle Travel	0.05	Supports Freight Movement	
Environmental Impacts	0.03	Multi-Modal Feasibility/Access	
Economic Impacts	0.05	Impact on the Public/Social Disruption and Economic Justice	
System Continuity	0.10	Community Priorities	
Sustainability	0.02	The State Strategies for Policies and Spending	
Consistency with the Long-Range Transportation Plan	0.20		
Total	**1.00**		

Public Participation

Public review was an integral aspect of the TIP process. Public participation was solicited through PAC, TAC and Council meetings and with a virtual tour of proposed project sites. Because of the contraction of the budget and the advantages the technology offers, staff determined that a TIP based bus tour could be created as a virtual tour and was cancelled again this year. As an alternative to riding around looking at the same locations, the MPO has produced a video tour of project sites that is posted on our website; http://doverkentmpo.delaware.gov/projects/video-trail/.

Rather than making available DelDOT and MPO staff to answer questions during the short period while at the site, the MPO will take questions at any time and post responses to questions on the website. We look forward to reviving the bus tour when there are new projects or significant changes worthy of the time and expense.

The MPO offered the opportunity for public comment originally beginning Monday, March 30, 2015 through Thursday, April 30, 2015. News releases and advisories publicizing all related meetings with an opportunity to comment were posted on the MPO's website and sent to members of each MPO committee, print and electronic media outlets, each of the libraries in Kent County, state legislators representing Kent County and contiguous areas, Kent County Levy Court, mayors of Kent County municipalities, and Dover City Council. Copies of the draft TIP were made available to anyone who asked. The draft document was posted on the MPO's website.

To comply with the requirements of Title VI, with reference to the FY 2016-2019 TIP, the MPO will make an extra effort to include minorities and low-income populations in the decision-making process of submitted projects through the implementation of its public participation policy and representation on the MPO's PAC. When a proposed project is located in an Environmental Justice (EJ) neighborhood, special measures are taken to reach out to those who would be affected.

Air Quality Conformity

Overview

Kent County is part of the Philadelphia-Wilmington-Trenton non-attainment area, though it was not cited as a non-attainment county. As the federally-designated Metropolitan Planning Organization for Kent County, Delaware is in attainment, the Dover/Kent County MPO, is not required through federal regulations to show that the FY 2016-2019 TIP complied with the requirements of the 1990 Clean Air Act and subsequent amendments (CAA).

The FY 2016-2019 TIP

The projects in the FY 2016-2019 TIP are represented in the 2040 MTP, as amended. The projects in the TIP are only a small portion of those in the MTP. There have been changes to the project list and scope of the projects. The MTP was amended earlier in 2014 at the time of the development of the initial draft TIP. The mass projects comprising the Route 8 Study and the North Dover Study were separated into component projects. Two new projects were added including the "Camden Bypass" and the US13 Widening project.

The Camden Bypass is a muli-component project that was separated into 5 components for scoring purposes. After review by the de-facto statewide conformity working group, it was determined that no non-exempt, regionally significant projects have been added. The modeling process completed for the 2040 Metropolitan Transportation Plan remains an accurate analysis of air quality impacts. The results of the modeling process at the time can be found in the 2040 MTP on the MPO website at http://doverkentmpo.delaware.gov/programs/regional-transportation-plan-rtp.

Determination

The Dover/Kent County MPO FY 2016-2019 Transportation Improvement Program conforms to the SIP.

Program Categories and Project List

This draft FY 2016-2019 TIP mirrors DelDOT's FY 2016-2021 CTP developed after the State budget was adopted at the end of June, 2014. The projects and funded amounts included in this FY 2016-2019 TIP reflect the amounts allocated in the FY 2016-2021 CTP for years FY2016 through 2019. The Fiscal Constraint documentation were prepared using the Kent County and statewide budgets provided by the state Department of Transportation. Projects are divided according to the portion of the transportation system in which each is allocated – Road System: Expressways, Arterials, Collectors, Locals, Bridges and Transit Facilities and Vehicles.

Table 2 on the following pages lists statewide projects and programs for which funding is being requested for fiscal years 2016, 2017, 2018 and 2019. These are predominantly funding programs that include projects in all three Delaware counties. More information about process and past CTP's is located at http://deldot.gov/information/pubs_forms/CTP/index.shtml .

Appendix A lists the projects in the MPO's planning area for which funding is being requested for fiscal years 2015, 2016, 2017 and 2018. The majority of the projects in this scaled down TIP are Road System projects. The appendix provides a project description, location map and pictures of each project. Funding, both authorizations and spend are listed in thousands for each project in each year of the TIP.

Appendix C is the TIP Financial Plan and evidence of Fiscal Constraint.

Appendix D lists projects which have been submitted to the TIP through the MTP, but have not been funded. Once a project is submitted to the TIP, it is kept on the prioritized list until it is funded or the MPO decides to remove it. In the past, the MPO included an Annual Listing of Obligated Projects as Appendix E. The document is required to be made available 90 days after the end of the fiscal year, September 30. If the schedule for the TIP development changes and the periods align, the MPO will consider renewing this appendix.

Appendix E is the list of projects and their phase funded in the CTP for Kent County (E-A) and for Statewide projects (E-B).

Appendix F is the most recent list of Traffic Analysis Zones (TAZ) population and households projected by the Dover/Kent County MPO, based on County projections data from the Delaware Population Consortium. The Consortium is supported by the University of Delaware Center for Applied Demography and Survey Research (CADSR).

Appendix G is included at the request of the Federal Highway Administration. The appendix includes two road improvements projects on Federal Lands: at Bombay Hook National Wildlife Refuge with current funding and at Prime Hook National Wildlife Refuge with funding in the future.

Table 2: FY 2016-2019 Identified Statewide Projects (x $000)

PROJECT (x000)	FY 2016 TOTAL	FY 2017 TOTAL	FY 2018 TOTAL	FY 2019 TOTAL	2016-2019 TOTAL
ROAD SYSTEMS					
BRIDGES	**8,387.3**	**22,575.0**	**25,050.0**	**31,440.0**	**87,4252.3**
Bridge Management	3,819.5	3,600.0	4,200.0	4,700.0	16,319.5
Bridge Preservation	445.0	11,625.0	14,500.0	20,140.0	46,710.0
Bridge Inspection	4,410.8	4,350.0	4,350.0	4,600.0	17,710.8
Bridge Painting	0.0	3,000.0	2,000.0	2,000.0	7,000.0
Bridge Design Training	342.0	0.0	0.0	0.0	342.0
DAMS	**9,433.2**	**21,130.0**	**23,950.0**	**34,700.0**	**89,213.2**
DAM Preservation Program	1,321.0	1,750.0	750.0	1,750.0	5,571.0
Statewide Dam H&H Analyses FY15	46.0	0.0	0.0	0.0	46.0
Statewide Dam H&H Analyses FY16	280.0	32.0	0.0	0.0	312.0
TRANSPORTATION ALTERNATIVES PROGRAM	5,277.0	3,815.5	3,546.3	3,546.8	16,005.6
BICYCLE, PEDESTRIAN AND OTHER IMPROVEMENTS	3,896.3	4,000.0	4,000.0	4,000.0	15,896.3
ENGINEERING & CONTINGENCY	**27,595.0**	**26,845.0**	**26,845.0**	**26,845.0**	**108,130.0**
ENVIRONMENTAL IMPROVEMENTS	**654.8**	**713.0**	**578.0**	**563.0**	**2,508.8**
INTERSECTION IMPROVEMENTS	**6,907.4**	**5,100.0**	**5,100.0**	**5,100.0**	**22,207.4**
RECREATIONAL TRAILS	**1,634.4**	**1,350.0**	**1,132.1**	**1,132.1**	**5,248.66**
MATERIALS & MINOR CONTRACTS	**7,309.7**	**8,000.0**	**8,000.0**	**8,000.0**	**31,309.7**

PROJECT (x000)	FY 2016 TOTAL	FY 2017 TOTAL	FY 2018 TOTAL	FY 2019 TOTAL	2016-2019 TOTAL
CORRIDOR CAPACITY PRESERVATION	1,000.0	1,000.0	1,000.0	1,000.0	4,000.0
PAVING & REHABILITATION	83,100.0	80,000.0	75,000.0	75,000.0	313,100.0
SAFE ROUTES TO SCHOOL	1,328.0	728.5	300.0	0.0	2,356.5
SCENIC BYWAYS	685.1	50.0	50.0	50.0	835.1
RAIL CROSSING SAFETY	1,509.7	1,511.7	1,511.5	1,511.5	6,044.4
RIDE ABILITY	400.0	100.0	100.0	100.0	700.0
HAZARD ELIMINATION PROGRAM	3,654.4	2,444.4	2,444.4	2,444.4	10,987.6
HIGH RISK RURAL ROADS PROGRAM	805.0	211.2	296.8	0.0	
SIGNAGE & PAVEMENT MARKINGS	5,482.5	3,482.5	3,482.5	3,772.0	16,219.5
TRAFFIC CALMING	151.0	150.0	150.0	150.0	601.0
SECTION 154 PENALTY TRANSFER PROGRAM	3,123.7	2,265.0	2,265.0	2,265.0	9,918.7
SAFETY PROGRAM 80/20	0.0	0.0	0.0	2,250.0	2,250.0
SAFETY PROGRAM 90/10	0.0	0.0	0.0	4,333.3	4,333.3
STATEWIDE INDUSTRIAL STREETS	250.0	250.0	0.0	0.0	500.0
SUPPORT					
ADVANCED ACQUISITIONS	0.0	0.0	0.0	0.0	0.0
AERONAUTICS PLANNING	176.0	210.0	210.0	210.0	806.0
AERONAUTICS PROGRAM DEV	280.0	500.0	280.0	280.0	1,340.0
EDUCATION AND TRAINING	313.2	200.0	200.0	200.0	913.2
HEAVY EQUIPMENT PROGRAM	20,000.0	10,000.0	10,000.0	10,000.0	50,000.0

PROJECT (x000)	FY 2016 TOTAL	FY 2017 TOTAL	FY 2018 TOTAL	FY 2019 TOTAL	2016-2019 TOTAL
PLANNING	**13,517.4**	**12,111.3**	**12,111.3**	**12,111.3**	**49,851.3**
Federal Land Access Program	30.0	30.0	30.0	30.0	120.0
Local Transportation Assistance Program (TAP)	352.0	340.0	340.0	340.0	1,372.0
MPO/FHWA	2,119.2	2,119.2	2,119.2	2,119.3	8,476.8
MPO/FTA	468.3	468.3	468.3	468.3	1,873.2
Pedestrian ADA Accessibility	3,000.0	3,000.0	3,000.0	3,000.0	12,000.0
Planning PD	2,522.4	2,000.0	2,000.0	2,000.0	8,522.4
Rural TAP	78.2	78.2	78.2	78.2	312.8
Statewide Planning & Research/FHWA	4,167.9	3,296.3	3,296.3	3,296.3	14,056.8
Statewide Planning & Research/FTA	124.3	124.3	124.3	124.3	497.2
Truck Weight Enforcement	395.0	395.0	395.0	395.0	1,580.0
University Research	250.0	250.0	250.0	250.0	1,000.0
TECHNOLOGY	**14,098.8**	**14,293.8**	**14,693.8**	**13,293.8**	**56,380.2**
DBE	279.7	125.0	125.0	125.0	654.7
IT Initiatives	10,000.0	11,000.0	11,000.0	12,000.0	44,000.0
DMV System Upgrade	3,500.0	3,000.0	3,400.0	1,000.0	10,900.0
OJT/ Support Services	110.3	100.0	100.0	100.0	410.3
Summer Transportation Institute	68.8	68.8	68.8	68.8	275.2
Enterprise Document Management	150.0	0.0	0.0	0.0	150.0
TRANSPORTATION FACILITIES	**9,685.2**	**11,700.0**	**11,800.0**	**11,800.0**	**44,985.2**
DMV Toll Equipment Upgrade	0.0	5,000.0	5 ,000.0	5,000.0	15,000.0

PROJECT (x000)	FY 2016 TOTAL	FY 2017 TOTAL	FY 2018 TOTAL	FY 2019 TOTAL	2016-2019 TOTAL
Transportation Facilities – Administration	718.3	700.0	800.0	800.0	3,018.3
Transportation Facilities – Operations	8,966.9	6,000.0	6,000.0	6,000.0	26,966.9
TRANSPORTATION MANAGEMENT IMPROVEMENTS	9,831.9	11,450.0	8,790.0	9,950.0	40,021.9
MUTCD Compliance	3,046.2	3,500.0	840.0	2,000.0	9,386.2
Traffic Signal Revolving Fund	125.0	125.0	125.0	125.0	500.0
Rideshare Trip Mitigation	450.0	450.0	450.0	450.0	1,800.0
Transportation Management Improvement	6,210.7	7,375.0	7,3750	7,375.0	28,335.7
TRANSIT					
TRANSIT FACILITIES	3,225.0	2,570.0	3,740.0	2,015.0	11,550.0
RAIL	300.0	300.0	300.0	300.0	1,200.0
TRANSIT VEHICLES	6,993.8	4,179.6	1,979.6	1,979.6	15,132.4
GRANTS AND ALLOCATIONS					
MUNICIPAL STREET	5,000.0	5,000.0	5,000.0	5,000.0	20,000.0
COMMUNITY TRANSPORTATION	16,750.0	16,750.0	16,750.0	16,750.0	67,000.0
TOTALS	265,501.5	255,582.2	248,406.2	259,132.2	1,128,622.1

A detailed summary of the Statewide Projects and funding is included in Appendix E: Part B Statewide

APPENDIX A
Funded Dover/Kent County MPO Projects

ROAD SYSTEM:

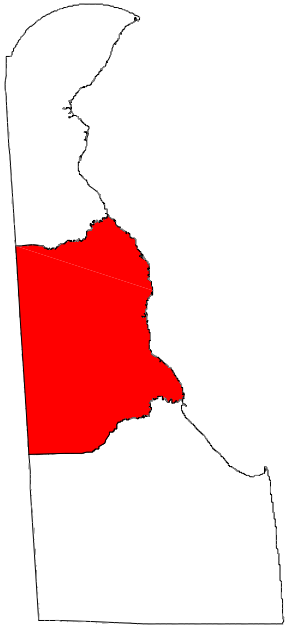
ARTERIALS

HAZARD ELIMINATION PROGRAM (HEP), - KENT COUNTY

PROJECT SCOPE/DESCRIPTION: The Federal Code at 23 USC152 defines this as: Each State shall conduct and systematically maintain an engineering survey of all public roads to identify hazardous locations, sections, and elements, including roadside obstacles and unmarked or poorly marked roads, which may constitute a danger to motorists, bicyclists, and pedestrians, assign priorities for the correction of such locations, sections, and elements, and establish and implement a schedule of projects for their improvement. The proposed projects identified through this process in Kent County that are required to be addressed are listed in the Funding Schedule below.

PROJECT JUSTIFICATION: These improvements are federally-mandated safety programs and intersection programs that provide safe turning movements.

County: Kent
Funding Program: Road System – Arterials
Estimated Cost: $7,300,000
MPO Priority Rating: N/A (HSIP)



Descriptions:

US 13 Widening: This project involves the addition of a third lane in each direction on US13 from the Puncheon Run Connector south to Walnut Shade Rd. This will require roadway widening, stormwater management facilities, multiple intersection redesigns, traffic signal reconfigurations and multi-modal improvements. The first phase is Lochmeath Way to the Puncheon Run Connector. The second phase is from Lochmeath Road to Walnut Shade Road.

DE14 @ Killens Pond Road Intersection Improvements: This project consists of placing a channelizing island in the intersection to better delineate traffic movements as well as drainage improvements required by the placement of the channelizing island.

DE10 & DE15 Intersection Improvements: The existing intersection of SR10 - Willow Grove Road & SR15 - Moose Lodge Road/Dundee Road includes no traffic control devices for the Mainline (SR10) and stop signs for the side roads. This project proposes replacing the existing intersection with a roundabout. This will involve roadway widening, drainage upgrades, installation of channelizing islands, roadway lighting and signing & striping upgrades.

DE8 & DE15 Intersection Improvements: The existing intersection of DE8/Forest Ave. and Salisbury Road/DE15 qualifies for and requires safety improvements. Primary improvement will be to add another through lane in both directions, north and south on Saulsbury Road/DE15. This project is included as a Local Road.

HAZARD ELIMINATION PROGRAM (HEP) - KENT COUNTY

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
US13-Puncheon Run Connector to Lochmeath Way: US 13 Widening	PE		1,600.0							1,6000.0
	ROW							400.0	1,600.0	2,000.0
	C									0.0
	Σ	**0.0**	**1,600.0**	**0.0**	**0.0**	**0.0**	**0.0**	**400.0**	**1,600.0**	**3,600.0**
US13-Walnut Shade Road to Lochmeath Way: US13 Widening	PE					100.0	400.0			500.0
	ROW									0.0
	C									0.0
	Σ					100.0	400.0			500.0
SR8 & SR15 Intersection Improvements	PE	100.0	900.0							1,000.0
	ROW					100.0	900.0			1,000.0
	C									0.0
	Σ	**100.0**	**900.0**	**0.0**	**0.0**	**100.0**	**900.0**	**0.0**	**0.0**	**2,000.0**
SR14 @ Killens Pond Road Intersection	PE	2.0	18.0							20.0
	ROW			3.0	27.0					30.0
	C					25.0	225.0			250.0
	Σ	**0.0**	**0.0**	**0.0**	**0.0**	**2.0**	**18.0**	**3.0**	**27.0**	**300.0**
LOCAL ROAD: SR10 at SR15 Intersection Improvements	PE									0.0
	R0W									0.0
	C		800.0	200.0						1,000.0
	Σ	**0.0**	**800.0**	**200.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1,000.0**

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
US13-Puncheon Run Connector Lochmeath Way: US13 Widening	PE	350.0	1,400.0	350.0	1,400.0	190.0	760.0			4,450.0
	ROW							200.0	800.0	1,000.0
	C									0.0
	Σ	**350.0**	**1,400.0**	**350.0**	**1,400.0**	**190.0**	**760.0**	**200.0**	**800.0**	**5,450.0**
US13-Walnut Shade Road to Lochmeath Way: US13 Widening	PE					20.0	80.0	40.0	160.0	300.0
	ROW									0.0
	C									0.0
	Σ									**300.0**
SR8 & SR15 Intersection Improvements	PE	50.0	450.0	50.0	450.0					1,000.0
	ROW					50.0	450.0	50.0	450.0	1,000.0
	C									0.0
	Σ	**50.0**	**450.0**	**50.0**	**450.0**	**50.0**	**450.0**	**50.0**	**450.0**	**2,000.0**
SR14 @ Killens Pond Road Intersection	PE	2.0	18.0			2.0	18.0			20.0
	ROW			3.0	27.0					30.0
	C					25.0	225.0			250.0
	Σ	**2.0**	**18.0**	**3.0**	**27.0**	**25.0**	**225.0**	**0.0**	**0.0**	**300.0**
LOCAL ROAD: SR10 at SR15 Intersection Improvements	PE		0.1							0.1
	ROW	15.0	135.0	5.0	45.0					200.0
	C			150.0	600.0	50.0	200.0			1,000.0
	Σ	**15.0**	**135.1**	**155.0**	**645.0**	**50.0**	**200.0**	**0.0**	**0.0**	**1,200.1**

MS30-Highway Safety Improvement Program

M231-Surface Transportation Program

Loockerman Street/Forest Street Improvements

Project Description: This project will include a series of improvements through this area of Dover that will encourage economic development and alternative modes of transportation. The planned improvements include:
- Implement a roundabout to improve traffic circulation and to 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.
- Create a new gateway with intersection improvements at Division Street and Forest Street.

Project Justification: This project will improve safety for multi-modal movements throughout the area and encourage economic development.

County:	Kent
Municipality:	Dover
Funding Program:	Road System – Arterials
Functional Category:	Management
Representative District:	31
Senatorial District:	17
Estimated Cost:	$4,146,830
MPO Priority Rating:	
State Priority Ranking	65

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
Loockerman Street/Forest Street Improvements	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	300.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	400.0

Future federal Funding Program: National Highway System

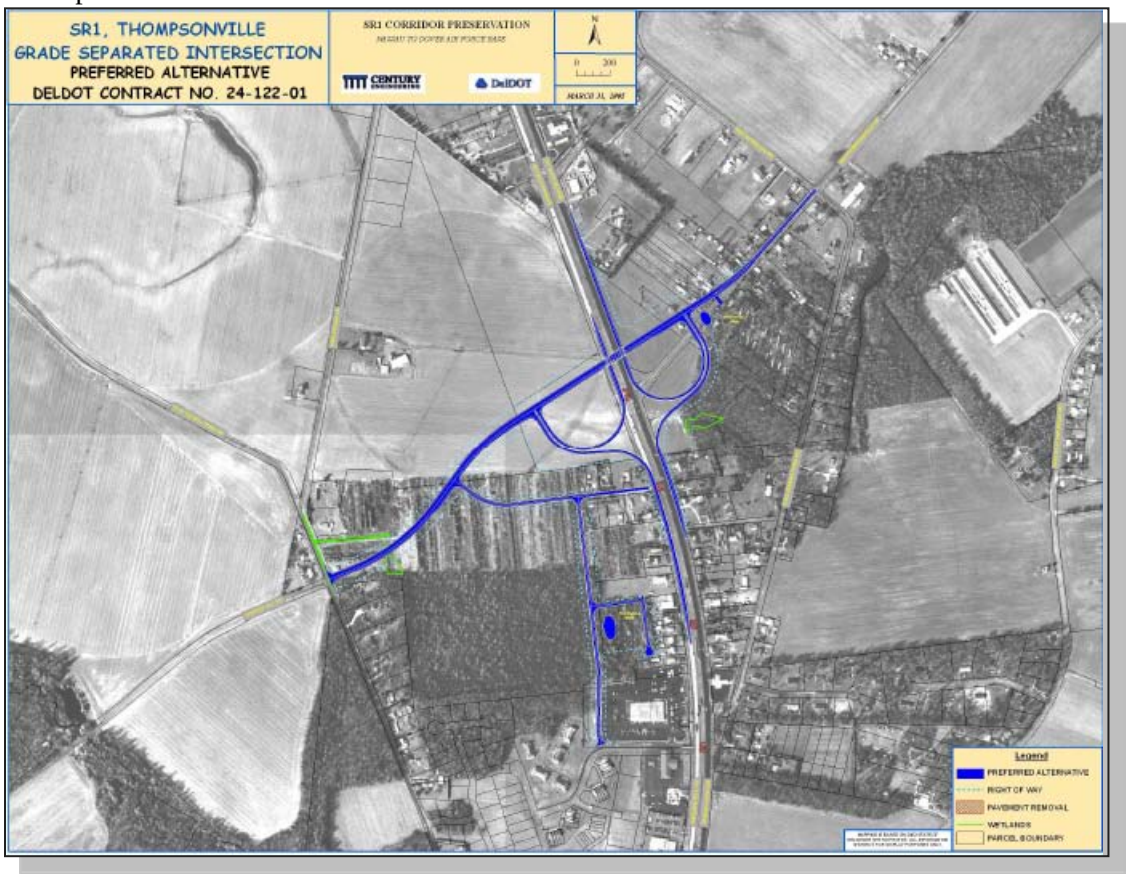
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
Loockerman Street/Forest Street Improvements	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	150.0	0.0	0.0	0.0	300.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	0.0	0.0	150.0	0.0	100.0	00.0	400.0

SR 1, THOMPSONVILLE ROAD GRADE SEPARATED INTERSECTION

PROJECT SCOPE/DESCRIPTION: This project includes the construction of a grade-separated intersection at SR1 and K19, Thompsonville Road. Thompsonville Road will be extended to the intersection of Tub Mill Road (K119) and Church Hill Road (K404). This project will also include the removal of the existing traffic signal at this intersection as well as the removal of median crossovers in the immediate vicinity. New prioritization means right-of-way acquisition has been completed and construction is set to begin in 2015 and be complete by 2017 .

PROJECT JUSTIFICATION: This intersection has been targeted as a high accident-prone intersection. The improvements will enhance safety and improve traffic flow along the SR 1 corridor. The improvements will also provide an alternate route to access west Milford.

County:	Kent
Municipality:	
Funding Program:	Road System – Arterials
Functional Category:	Management
Representative District:	33
Senatorial District:	16
Estimated Cost:	$26,051,425
MPO Priority Rating:	2.49
State Priority Ranking	7



SR 1, THOMPSONVILLE ROAD GRADE SEPARATED INTERSECTION

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
SR 1 / Thompsonville Road Grade Separated Intersection 24-122-01	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

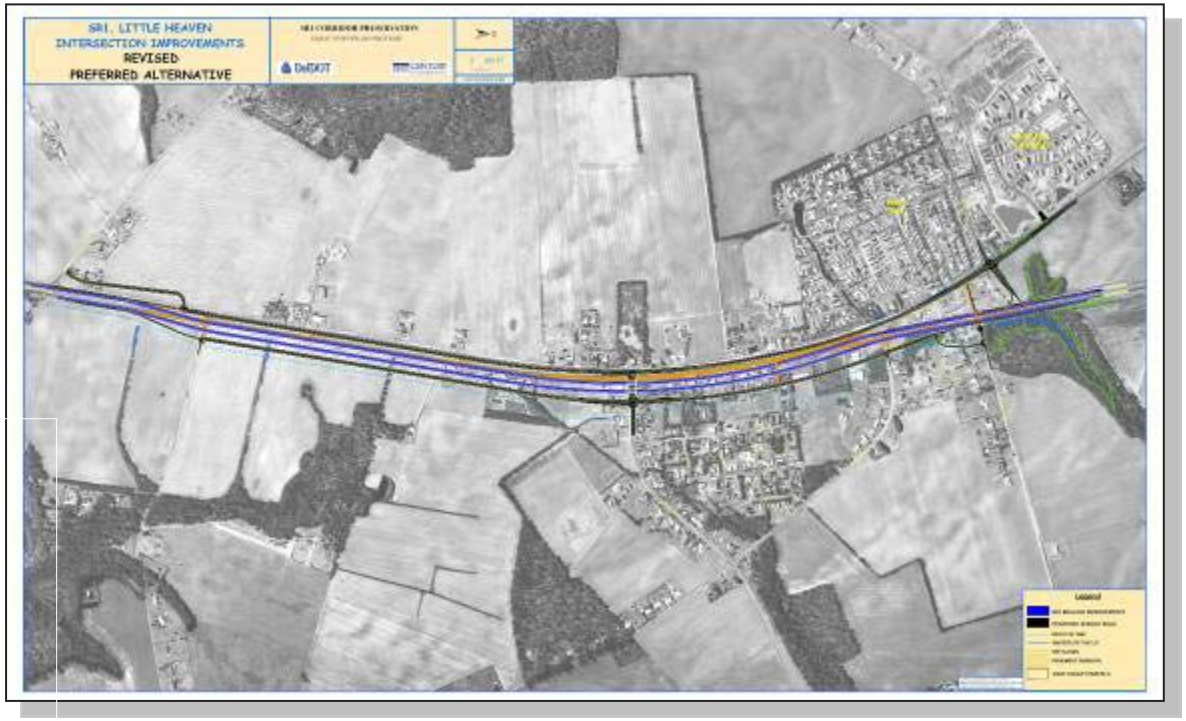
Federal Funding Program: M001: National Highway Performance Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
SR 1 / Thompsonville Road Grade Separated Intersection 24-122-01	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	1.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
	C	2,562.6	10,484.2	148.0	592.0	0.0	0.0	0.0	0.0	13,786.8
	Total	2,563.6	10,488.2	148.0	592.0	0.0	0.0	0.0	0.0	13,791.8

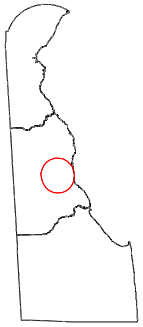
SR 1, LITTLE HEAVEN GRADE-SEPARATED INTERSECTIONS

PROJECT SCOPE/DESCRIPTION: This project includes the construction of new SR 1 northbound lanes and a service road, east of SR 1 from K371, Barratts Chapel Road to K373, 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 K18, Bowers Beach Road, which will provide access to and from the service roads on either side of SR 1.

PROJECT JUSTIFICATION: The intersection of SR 1 and K18 has been targeted as a high accident intersection. The improvements will enhance safety and preserve traffic capacity along the SR 1 corridor. The service road will provide access for multiple developments both existing and proposed.



Municipality:
Funding Program: Road System – Arterials
Functional Category: Management
Representative District: 33
Senatorial District: 16
Estimated Cost: $70,815,100
MPO Priority Rating: 2.16
State Priority Ranking: **22**



SR 1, LITTLE HEAVEN GRADE-SEPARATED INTERSECTIONS

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
Sr 1, Little Heaven Grade-Separated Intersections	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	20,000.0	0.0	12,500.0	0.0	7,478.8	0.0	0.0	39,978.8
	Total	0.0	20,000.0	0.0	12,500.0	0.0	7,478.8	0.0	0.0	39,978.8

Federal Funding Program: M001: National Highway Performance Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
Sr 1, Little Heaven Grade-Separated Intersections	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	10.6	42.4	0.0	0.0	0.0	0.0	0.0	0.0	53.0
	RW	5.1	20.4	0.0	0.0	0.0	0.0	0.0	0.0	25.6
	C	6,458.4	16,025.0	0.0	16,189.3	0.0	15,150.3	0.0	0.0	53,822.9
	Total	6,474.1	16,087.8	0.0	16,189.3	0.0	15,150.3	0.0	0.0	53,901.5

SR 1 AT NE FRONT STEET, MILFORD GRADE SEPARATED INTERSECTION

PROJECT SCOPE/DESCRIPTION: This project includes the construction of a grade-separated intersection at the intersection of SR 1 and NE Front Street in Milford. The proposed improvements will enhance the capacity and safety of the SR1 corridor. The attached image is one of six alternatives for the improvements that can be found at http://www.deldot.gov/information/projects/sr1_northeast_front_st/concept.shtml.

PROJECT JUSTIFICATION: The intersection of SR 1 , Bay Road, and SR 14, NE Front Street, is a high accident intersection. This project will preserve traffic capacity and safety in accordance with the Corridor Capacity Preservation Program.

Municipality:	Milford
Funding Program:	Road System – Arterials
Functional Category:	Management
Representative District:	33
Senatorial District:	18
Estimated Cost:	$28,600,000
MPO Priority Score:	2.72
State Priority Ranking:	99

SR 1 AT NE FRONT STREET, MILFORD GRADE SEPARATED INTERSECTION

Project Authorization Schedule (X $000)										
Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
SR1 at NE Front Street, Milford Grade Separated Intersection	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	3,200.0	3,300.0	0.0	6,400.0	12,900.0
	Total	0.0	0.0	0.0	0.0	3,200.0	3,300.0	0.0	6,400.0	12,900.0

Federal Funding Program: National Highway System

Project Funding Schedule (X $000)										
Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
SR 1 at NE Front Street, Milford Grade Separated Intersection	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	16.9	67.5	0.0	0.0	0.0	0.0	0.0	0.0	84.8
	RW	0.0	1,500.0	0.0	1,500.0	0.0	0.0	0.0	0.0	3,000.0
	C	0.0	0.0	0.0	0.0	800.0	3,200.0	1,600.0	6,400.0	12,000.0
	Total	16.9	1,567.5	0.0	1,500.0	800.0	3,200.0	1,600.0	6,400.0	15,084.8

SR 1 AT SOUTH FREDERICA GRADE SEPARATED INTERSECTION

PROJECT SCOPE/DESCRIPTION: This project includes improvements at the intersections of SR 1 and Frederica Road (K389) and SR 1 and Tub Mill Pond Road (K120). The proposed improvements will enhance the capacity and safety of the SR 1 corridor.

PROJECT JUSTIFICATION: The project will preserve traffic capacity and improve safety in accordance with the Corridor Capacity Preservation Program.

Municipality:	Frederica
Funding Program:	Road System – Arterials
Functional Category:	Management
Representative District:	33
Senatorial District:	16
Estimated Cost:	$26,666,600
MPO Priority Rating:	
State Priority Number:	**123**

SR 1 AT SOUTH FREDERICA GRADE SEPARATED INTERSECTION

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
SR1 at South Frederica Grade Separated Intersection	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	1,000.0	0.0	6,800.0	0.0	11,800.0	0.0	4,700.0	24,300.0
	Total	0.0	1,000.0	0.0	6,800.0	0.0	11,800.0	0.0	4,700.0	24,300.0

Federal Funding Program: National Highway Performance Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
SR1 at South Frederica Grade Separated Intersection	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	112.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	200.0	800.0	1,496.0	5,984.0	2,654.8	10,619.2	341.0	1,364.1	23,459.1
	Total	312.0	808.0	1,496.0	5,984.0	2,654.8	10,619.2	341.0	1,364.1	23,459.1

WALNUT SHADE ROAD, US 13 TO PEACHTREE RUN ROAD

PROJECT SCOPE/DESCRIPTION: This project includes improvements to bring the road to the Arterial standards; adequate travel lanes, shoulder, bike lanes and sidewalks. The project was nominated by Kent County as an important problem area in the developing areas south of Dover.

PROJECT JUSTIFICATION: The project will enhance traffic capacity and improve safety in accordance with the Arterial Design standards.

Municipality:	Central Kent County
Funding Program:	Road System – Arterials
Functional Category:	Management
Representative District:	33
Senatorial District:	16
Estimated Cost:	$11,850,000
MPO Priority Rating:	
State Priority Number:	**15**

WALNUT SHADE ROAD, US 13 TO PEACHTREE RUN ROAD

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
Walnut Shade Road, US 13 To Peachtree Run Road	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Federal Funding Program: National Highway Performance Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
Walnut Shade Road, US 13 To Peachtree Run Road	PD	0.0	0.0	0.0	0.0	0.0	0.0	80.0	320.0	400.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	0.0	0.0	0.0	0.0	80.0	320.0	400.0

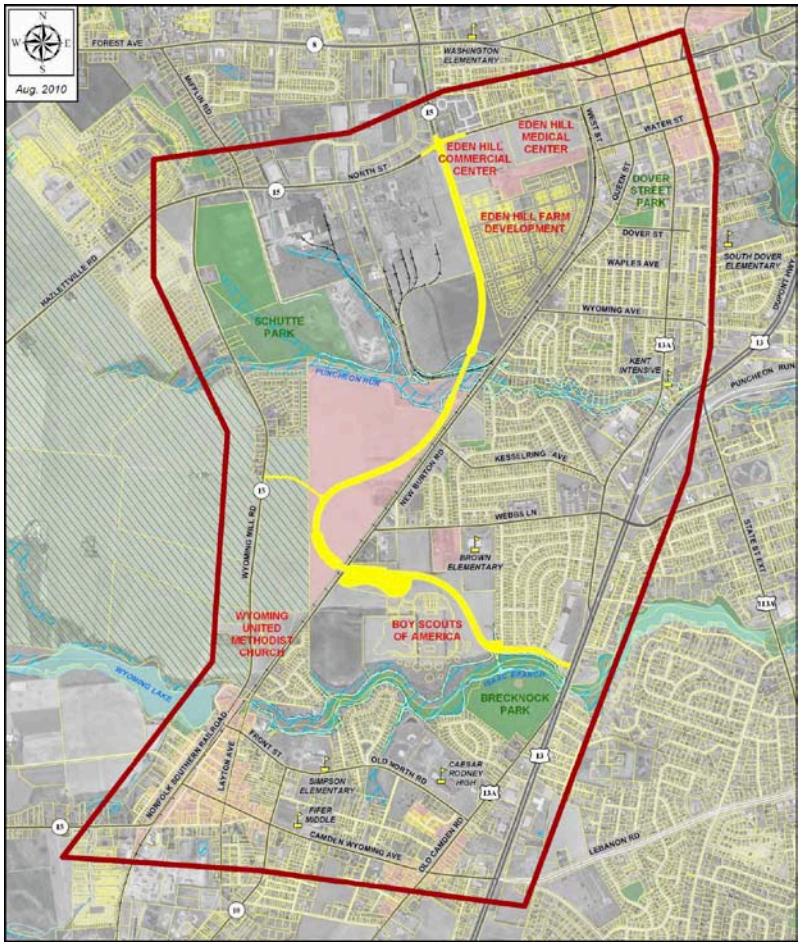
ROAD SYSTEM:

COLLECTORS

WEST DOVER CONNECTOR

PROJECT SCOPE/DESCRIPTION: This project will extend Saulsbury Rd. from its current terminus at North St., to US13. This will involve the construction of 3.5 miles of new mainline roadway traveling east from North St. across the Eden Hill development, south over the Norfolk & Southern Railroad (NSRR) spur and across the Kesselring farm on the west side of the NSRR tracks. The roadway will then turn east again spanning the NSRR mainline and New Burton Rd. then traversing the Kesselring farm on the east side of New Burton Rd. and ultimately tying into US13 in the vicinity of the existing intersection with Charles Polk Rd. on the southern side of Rodney Village. The improvements will also include auxiliary connections to Wyoming Mill Rd., New Burton Rd. and Charles Polk Rd. There will be multi-modal improvements allowing pedestrian and bicycle facilities throughout the project limits in addition to new DART facilities. The project will provide interconnectivity between multiple recreational areas, residential communities and commercial facilities.

PROJECT JUSTIFICATION: The Dover/Kent County MPO Long Range Transportation Plan and City of Dover Comprehensive Plan have identified the need for this project and the Department agrees. The traffic analyses that have been conducted based on existing and proposed growth in the area justify the need for this roadway connection due to the degradation of the existing area roadway facilities.



County:	Kent
Municipality:	Dover
Funding Program:	Road System – Collectors
Functional Category:	Expansion
Representative District:	31, 32
Senatorial District:	17
Estimated Cost:	$57,215,800
MPO Priority Rating:	2.10
State Priority Number:	**78**

WEST DOVER CONNECTOR

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
WEST DOVER CONNECTOR	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	6,821.4	0.0	0.0	0.0	0.0	0.0	0.0	6,821.4
	Total	0.0	6,821.4	0.0	0.0	0.0	0.0	0.0	0.0	6,821.4

National Highway Performance Program
Surface Transportation Program MAP-21

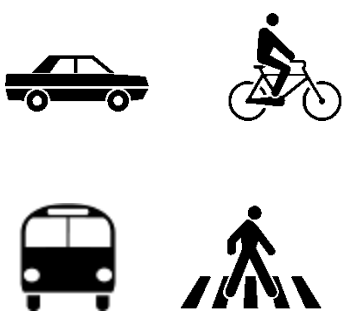
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
WEST DOVER CONNECTOR	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	2.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
	RW	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
	C	0.0	19,219.1	0.0	17,547.2	0.0	0.0	0.0	0.0	36,766.3
	Total	2.0	19,247.1	0.0	17,547.2	0.0	0.0	0.0	0.0	36,796.3

KENTON ROAD: SR8 TO CHESTNUT GROVE ROAD

Project Description: Funding is requested to improve vehicle, pedestrian, and bicycle travel along Kenton Road (K104) between Route 8/Forrest Ave and Chestnut Grove Road (K158) in Dover. The improvements will involve widening Kenton Road to two 11-foot lanes with two five-foot shoulders, installing curbs and sidewalks on one or both sides (both if in the City of Dover and those enclaves that are not.), and addressing closed drainage, traffic calming, and safety improvements.

Project Justification: This stretch of Kenton Road in the City of Dover has remained unimproved for pedestrian and bicycle access and still has open drainage for storm water.

County:	Kent
Municipality:	Dover
Funding Program:	Road System – Collectors
Functional Category:	Management
Representative District:	31
Senatorial District:	17
Estimated Cost:	$57,215,800
MPO Priority Rating:	2.10
State Priority Number:	**78**



KENTON ROAD: SR8 TO CHESTNUT GROVE ROAD

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
KENTON ROAD: SR8 TO CHESTNUT GROVE ROAD	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.0
	RW	0.0	0.0	0.0	0.0	192.0	768.0	0.0	0.0	960.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	180.0	0.0	0.0	0.0	192.0	768.0	0.0	0.0	1,140.0

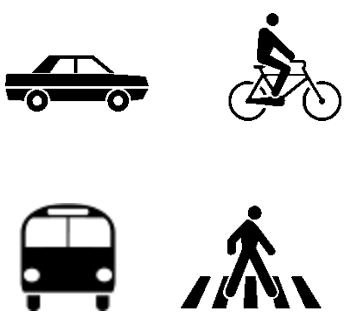
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
KENTON ROAD: SR8 TO CHESTNUT GROVE ROAD	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	130.0	520.0	130.0	520.0	0.0	0.0	0.0	0.0	1,300.0
	RW	0.0	0.0	0.0	0.0	96.0	384.0	96.0	384.0	960.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	130.0	520.0	130.0	520.0	96.0	384.0	96.0	384.0	2,260.0

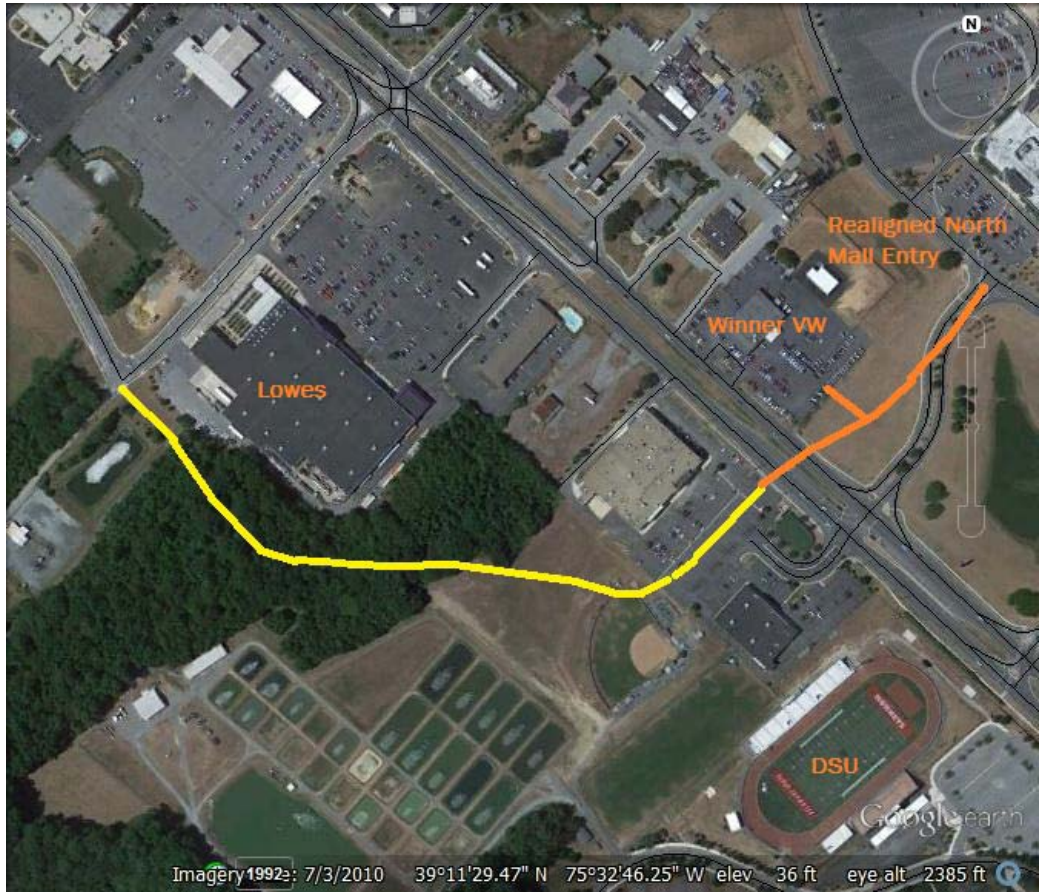
CRAWFORD CARROLL ROAD EXTENSION

Project Description: Funding is requested to improve vehicle, pedestrian, and bicycle travel along Crawford Carroll Road Extended from Rustic Lane, behind the Lowes Store ultimately to extend through the parking lot of the HH Gregg/Pet Smart Dover stores in North Dover. The improvements will involve creating an extended Crawford Carroll Road of two 11-foot lanes with two five-foot shoulders, installing curbs, sidewalks and bike lanes on one or both sides, and addressing closed drainage, traffic calming, and safety improvements.

Project Justification: A Crawford Carroll Road extension has gained importance with the Delaware State University acquisition of the former Sheraton Hotel for student housing and event space. Students currently living in the facility are using the US13 corridor for both vehicular and pedestrian access to campus.

County:	Kent
Municipality:	Dover
Funding Program:	Road System – Collectors
Functional Category:	Expansion
Representative District:	31
Senatorial District:	17
Estimated Cost:	$3,600,000
MPO Priority Rating:	2.10
State Priority Number:	**49**





CRAWFORD CARROLL ROAD EXTENSION

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
CRAWFORD CARROLL ROAD EXTENSION	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	40.0	160.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0
	RW	0.0	0.0	0.0	0.0	240.0	960.0	0.0	0.0	1,200.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	800.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,400.0

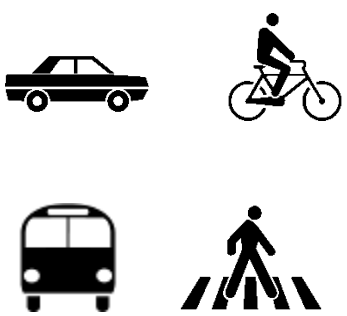
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
CRAWFORD CARROLL ROAD EXTENSION	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	20.0	80.0	20.0	80.0	0.0	0.0	0.0	0.0	200.0
	RW	0.0	0.0	0.0	0.0	120.0	480.0	120.0	480.0	1,200.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	20.0	80.0	20.0	80.0	120.0	480.0	120.0	480.0	1,400.0

CAMDEN BY-PASS: NORTH STREET EXTENDED TO DE 10

Project Description: The Town of Camden has experienced traffic growth as development has occurred west of RT13. The Town has worked with the department to lessen the impact of traffic congestion and large trucks on the small Main Street and adjoining historic properties. Funding is requested to improve vehicle, pedestrian, and bicycle travel along Old North Road in Camden from Main Street to US13 and to the future connections beyond that will surround the proposed development and connect to DE 10 at Rising Sun Road (K29).

Project Justification: The project will divert traffic away from the constrained central intersection in Town and the nearby critical properties.

County:	Kent
Municipality:	Dover
Funding Program:	Road System – Collectors
Functional Category:	Management
Representative District:	34
Senatorial District:	17
Estimated Cost:	$4,400,000
MPO Priority Rating:	
State Priority Number:	**11**



CAMDEN BY-PASS: NORTH STREET EXTENDED TO DE 10

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
CAMDEN BY-PASS: NORTH STREET EXTENDED TO DE 10	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	140.0	560.0	0.0	0.0	700.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	0.0	0.0	140.0	560.0	0.0	0.0	700.0

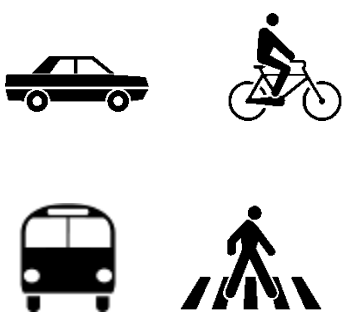
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
CAMDEN BY-PASS: NORTH STREET EXTENDED TO DE 10	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	70.0	280.0	70.0	280.0	700.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	0.0	0.0	70.0	280.0	70.0	280.0	700.0

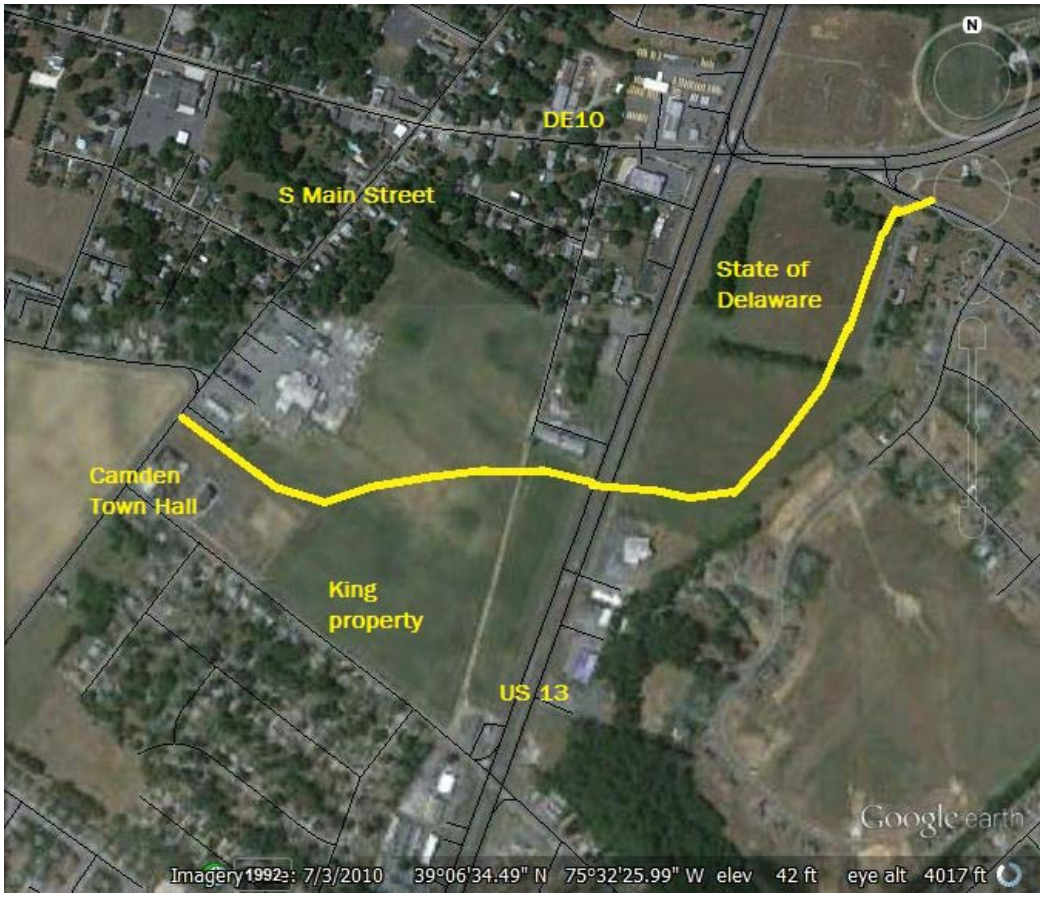
CAMDEN BY-PASS: SOUTH STREET TO RISING SUN ROAD

Project Description: he Town of Camden has experienced traffic growth as development has occurred west of RT13. The Town has worked with the department to lessen the impact of traffic congestion and large trucks on the small Main Street and adjoining historic properties. Funding is requested to improve vehicle, pedestrian, and bicycle travel along a new right of way from South Main Street east to UUS 13 and then to Rising Sun Road (K29).

Project Justification: This is a proposal for a new road to bypass the center of Camden to also include pedestrian and bicycle access and likely a traffic signal at US13

County:	Kent
Municipality:	Dover
Funding Program:	Road System – Collectors
Functional Category:	Management
Representative District:	31
Senatorial District:	17
Estimated Cost:	$13,200,000
MPO Priority Rating:	2.10
State Priority Number:	**78**





CAMDEN BY-PASS: SOUTH STREET TO RISING SUN ROAD

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
CAMDEN BY-PASS: SOUTH STREET TO RISING SUN ROAD	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	960.0	0.0	0.0	0.0	0.0	960.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	400.0	900.0	1,300.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	0.0	960.0	0.0	0.0	400.0	900.0	2,260.0

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
CAMDEN BY-PASS: SOUTH STREET TO RISING SUN ROAD	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	120.0	480.0	120.0	480.0	0.0	0.0	1,200.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	200.0	800.0	1,000.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	120.0	480.0	120.0	480.0	200.0	800.0	2,200.0

ROAD SYSTEM:

LOCAL ROADS

LOCAL ROADS

The only item included in the Local Roads was the HEP project located at the intersection of SR10 and SR 15. This is included with all HEP projects at the front of the Appendix A under Arterial and noted as a Local Road

ROAD SYSTEM:

BICYCLE / PEDESTRIANS

BICYCLE AND PEDESTRIAN IMPROVEMENTS

The one item included in the Draft TIP was the Route 10 Bike Path Study. It was removed in the Final TIP.

ROAD SYSTEM:

BRIDGES

BRIDGES:

BR 2-114E ON K114 TODD'S CHAPEL (CHURCH) ROAD OVER QUARTER BRANCH

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of three large corrugated metal pipe arches with reinforced concrete pipes. The approach roadways and guardrail will be reconstructed as needed and riprap will be placed in the stream for scour protection. The work will be performed under a full road closure with a detour.

PROJECT JUSTIFICATION: The existing pipes are structurally deficient and were selected by the Pontis Bridge Management System for work. It has a sufficiency rating of 72.9. There is corrosion at the waterline with 100% section loss at some locations. It is ranked 92nd on the 2014 DelDOT Bridge Deficiency List.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 30
Senatorial District: 18
Estimated Cost: $402,000
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
BR 2-114E ON K114 TODD'S CHAPEL (CHURCH) ROAD OVER QUARTER BRANCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	2.4	9.6	0.0	0.0	0.0	0.0	0.0	0.0	12.0
	C	0.0	0.0	72.0	288.0	0.0	0.0	0.0	0.0	360.0
	Total	2.4	9.6	72.0	288.0	0.0	0.0	0.0	0.0	372.0

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2014.

Federal Funding Program: M233 – STP OFF-System Bridge

Project Funding Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
BR 2-114E ON K114 TODD'S CHAPEL (CHURCH) ROAD OVER QUARTER BRANCH	PE	3.9	15.8	0.0	0.0	0.0	0.0	0.0	0.0	19.7
	RW	0.0	0.0	2.4	9.6	0.0	0.0	0.0	0.0	12.0
	C	0.0	0.0	0.0	0.0	72.0	288.0	0.0	0.0	360.0
	Total	3.9	15.8	2.4	9.6	72.0	288.0	0.0	0.0	391.7

BR 2-031A ON K031 IRISH HILL ROAD OVER DOUBLE RUN CREEK

PROJECT SCOPE/DESCRIPTION: Replace the existing corrugated metal pipe arches with a structure at Bridge 2-031A. The replacement structure will be concrete box beams on abutments with concrete wingwalls. Additional work includes placing riprap for scour protection and installing guardrail as necessary. The work will be performed under a full road closure.

PROJECT JUSTIFICATION: The existing pipe is structurally deficient and was selected by the Pontis Bridge Management System for work. It has a sufficiency rating of 69.8 and is ranked 63 on the 2013 DelDOT Bridge Deficiency List. There are numerous perforations along the pipes and a deep pitting. The wingwalls are also spalling.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 33
Senatorial District: 16
Estimated Cost: $757,000
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-031A ON K031 IRISH HILL ROAD OVER DOUBLE RUN CREEK	PE	0.0	0.0	0.0	564.0	0.0	0.0	0.0	0.0	0.0
	RW	2.4	9.6	0.0	0.0	0.0	0.0	0.0	0.0	12.0
	C	0.0	0.0	141.0	0.0	0.0	0.0	0.0	0.0	705.0
	Total	2.4	9.6	141.0	564.0	0.0	0.0	0.0	0.0	717.0

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: Surface Transportation Program

		Project Funding Schedule (X $000)								
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-031A ON K031 IRISH HILL ROAD OVER DOUBLE RUN CREEK	PE	2.4	9.6	0.0	0.0	0.0	0.0	0.0	0.0	12.0
	RW	0.0	0.0	2.4	9.6	0.0	0.0	0.0	0.0	12.0
	C	0.0	0.0	0.0	0.0	141.0	564.0	0.0	0.0	705.0
	Total	2.4	9.6	2.4	9.6	141.0	564.0	0.0	0.0	729.0

BR 2-388C ON SR15 CANTERBURY ROAD OVER WARD BRANCH

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of a 6' diameter corrugated metal pipe with a precast reinforced concrete box culvert. Additional work includes the reconstruction of the approach roadway, construction of a sheetpile retaining wall, installation of guardrail, and the placement of riprap in the stream for scour protection. The work will be performed under full a road closure with a detour.

PROJECT JUSTIFICATION: The existing pipe at the bridge is structurally deficient and was selected by the Pontis Bridge Management System for work. There is corrosion at the waterline with 100% section loss at some locations. This bridge was ranked 18th on the 2013 DelDOT Bridge Deficiency List.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 33
Senatorial District: 18
Estimated Cost: $583,122
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-388C ON SR15 CANTERBURY ROAD OVER WARD BRANCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196.2
	Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	223.7

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: Highway Bridge Program

		Project Funding Schedule (X $000)								
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-388C ON SR15 CANTERBURY ROAD OVER WARD BRANCH	PE	0.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	3.2
	RW	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	C	20.0	754.2	0.0	0.0	0.0	0.0	0.0	0.0	764.2
	Total	20.8	757.6	0.0	0.0	0.0	0.0	0.0	0.0	768.4

BR 2-265B ON SPIDER WEB ROAD OVER WHITE MARSH BRANCH

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of three large corrugated metal pipe arches with reinforced concrete pipes. The approach roadways and guardrail will be reconstructed as needed and riprap will be placed in the stream for scour protection. The work will be performed under a full road closure with a detour.

PROJECT JUSTIFICATION: The existing pipes are structurally deficient and were selected by the Pontis Bridge Management System for work. It has a sufficiency rating of 70.0. There is corrosion at the waterline with 100% section loss at some locations and erosion under the approach guardrail.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 30
Senatorial District: 15
Estimated Cost: $337,600
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-265B ON SPIDER WEB ROAD OVER WHITE MARSH BRANCH BRANCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	62.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.8
	Total	62.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.8

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: STP-Off System Bridge

		Project Funding Schedule (X $000)								
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-265B ON SPIDER WEB ROAD OVER WHITE MARSH BRANCH BRANCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	58.5	233.8	0.0	0.0	0.0	0.0	0.0	0.0	292.3
	Total	58.5	233.8	0.0	0.0	0.0	0.0	0.0	0.0	292.3

BR 2-050A ON SR 8, HALLTOWN ROAD OVER BEAVERDAM DITCH

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of the existing bridge structure in its entirety at Bridge 2-050A. The replacement structure will be concrete box beams on pile supported stub abutments. This project will also involve placement of riprap for channel stabilization and scour protection, installation of guardrail and reconstructing approach roadway as necessary. The work will be performed under a full road closure.

PROJECT JUSTIFICATION: This structure was selected by the Pontis Bridge Management System for work. There is a significant scour concern at this structure with exposed footers and undermining of the foundation. The existing beams and barrier walls are heavily deteriorated with spalls, cracks and exposed reinforcing bars. This bridge is currently ranked 382nd on the 2013 DelDOT Bridge Deficiency List.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 11
Senatorial District: 15
Estimated Cost: $550,000
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-050A ON SR 8, HALLTOWN ROAD OVER BEAVERDAM DITCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
	C	0.0	0.0	101.0	404.0	0.0	0.0	0.0	0.0	505.0
	Total	0.0	8.0	101.0	404.0	0.0	0.0	0.0	0.0	515.0

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: M001 - National Highway Performance Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-050A ON SR 8, HALLTOWN ROAD OVER BEAVERDAM DITCH	PE	5.2	20.7	0.0	0.0	0.0	0.0	0.0	0.0	25.9
	RW	0.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	10.0
	C	0.0	0.0	0.0	0.0	101.0	404.0	0.0	0.0	505.0
	Total	5.2	20.7	2.0	8.0	101.0	404.0	0.0	0.0	540.9

BR 2-060C ON K060 SR14 VERNON ROAD OVER PROSPECT BRANCH

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of pipes with reinforced concrete pipe. The approach roadways will be reconstructed as needed and riprap will be placed in the streams for scour protection. May place guardrail as needed. The work will be performed under full road closures with detours.

PROJECT JUSTIFICATION: The existing pipe for this bridge is structurally deficient and was selected by the Pontis Bridge Management System for work. There is corrosion at the waterline with 100% section lost at some locations. The bridge was ranked on the 2012 DelDOT Bridge Deficiency List.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 30
Senatorial District: 15, 18
Estimated Cost: $663,000
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-060C ON K060 SR14 VERNON ROAD OVER PROSPECT BRANCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	6.6	26.4	0.0	0.0	0.0	0.0	0.0	0.0	32.8
	C	0.0	0.0	115.0	460.0	0.0	0.0	0.0	0.0	575.0
	Total	6.6	26.4	115.0	460.0	0.0	0.0	0.0	0.0	607.8

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: State Bridge Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-060C ON K060 SR14 VERNON ROAD OVER PROSPECT BRANCH	PE	7.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0
	RW	0.0	0.0	6.6	26.4	0.0	0.0	0.0	0.0	33.0
	C	0.0	0.0	0.0	0.0	115.0	460.0	0.0	0.0	575.0
	Total	7.0	28.0	6.6	26.4	115.0	460.0	0.0	0.0	643.0

BR 2-100A ON K100 DENNEYS ROAD OVER FORK BRANCH

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of pipes with l reinforced concrete pipe. The approach roadways will be reconstructed as needed and riprap will be placed in the streams for scour protection. May place guardrail as needed. The work will be performed under full road closures with detours.

PROJECT JUSTIFICATION: The existing pipe for this bridge is structurally deficient and was selected by the Pontis Bridge Management System for work. There is corrosion at the waterline with 100% section lost at some locations. The bridge was ranked on the 2012 DelDOT Bridge Deficiency List.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 20
Senatorial District: 15
Estimated Cost: $1,034,189
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-100A ON K100 DENNEYS ROAD OVER FORK BRANCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: State Bridge Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-100A ON K100 DENNEYS ROAD OVER FORK BRANCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	753.5	0.0	0.0	0.0	0.0	0.0	0.0	753.5
	Total	0.0	753.5	0.0	0.0	0.0	0.0	0.0	0.0	753.5

BR 2-118A ON K118 COON DEN ROAD OVER NANTICOKE RIVER

PROJECT SCOPE/DESCRIPTION: This work involves the replacement of the existing corrugated metal pipes with a precast concrete box culvert. Additional work includes the reconstruction of the approach roadway, installation of guardrail as needed, and placement of riprap in the stream for scour protection. Work will be performed under a full road closure with detour.

PROJECT JUSTIFICATION: The existing pipes at the bridge are structurally deficient and were selected by the Pontis Bridge Management System for work. There is corrosion at the waterline with 100% section loss at some locations. Replacement of this bridge will help the Department meet its performance measure for percentage of bridges in poor condition. This bridge is ranked 65th on the 2015 DelDOT Bridge Deficiency List (out of 1625 total bridges).

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 35, 30
Senatorial District: 18
Estimated Cost: $550,000
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-100A ON K100 DENNEYS ROAD OVER FORK BRANCH	PE	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0
	RW	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
	C	0.0	0.0	100.6	0.0	0.0	402.4	0.0	0.0	503.0
	Total	47.0	0.0	100.6	0.0	0.0	402.4	0.0	0.0	550.0

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: State Bridge Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-100A ON K100 DENNEYS ROAD OVER FORK BRANCH	PE	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0
	RW	0.0	0.0	0.0	0.0	16.0	0.0	8.6	34.0	58.6
	C	0.0	0.0	0.0	0.0	0.0	0.0	92.0	368.0	460.0
	Total	31.0	0.0	0.0	0.0	16.0	0.0	100.6	402.0	549.6

BR 2-275A ON K275 PARK BROWN ROAD OVER HORSEPEN ARM DITCH

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of pipes with reinforced concrete pipe. The approach roadways will be reconstructed as needed and riprap will be placed in the streams for scour protection. May place guardrail as needed. The work will be performed under full road closures with detours.

PROJECT JUSTIFICATION: The existing pipe for this bridge is structurally deficient and was selected by the Pontis Bridge Management System for work. There is corrosion at the waterline with 100% section lost at some locations. The bridge was ranked on the 2012 DelDOT Bridge Deficiency List.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 30
Senatorial District: 15
Estimated Cost: $279,850
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-275A ON K275 PARK BROWN ROAD OVER HORSEPEN ARM DITCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	41.4	165.8	0.0	0.0	0.0	0.0	0.0	0.0	207.0
	Total	41.4	165.8	0.0	0.0	0.0	0.0	0.0	0.0	207.2

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: State Bridge Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-275A ON K275 PARK BROWN ROAD OVER HORSEPEN ARM DITCH	PE	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2
	RW	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1
	C	41.4	165.8	0.0	0.0	0.0	0.0	0.0	0.0	207.2
	Total	79.8	165.8	0.0	0.0	0.0	0.0	0.0	0.0	245.5

BR 2-291A ON K291 INGRAM BRANCH ROAD OVER PRINCE PRONG

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of pipes with reinforced concrete pipe. The approach roadways will be reconstructed as needed and riprap will be placed in the streams for scour protection. May place guardrail as needed. The work will be performed under full road closures with detours.

PROJECT JUSTIFICATION: The existing pipe for this bridge is structurally deficient and was selected by the Pontis Bridge Management System for work. There is corrosion at the waterline with 100% section lost at some locations. The bridge was ranked on the 2012 DelDOT Bridge Deficiency List.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 30
Senatorial District: 15
Estimated Cost: $402,000
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-291A ON K291 INGRAM BRANCH ROAD OVER PRINCE PRONG	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	360.0	0.0	0.0	0.0	0.0	0.0	360.0
	Total	12.0	0.0	360.0	0.0	0.0	0.0	0.0	0.0	360.0

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: State Bridge Program

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
BR 2-291A ON K291 INGRAM BRANCH ROAD OVER PRINCE PRONG	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
	C	0.0	0.0	360.0	0.0	0.0	0.0	0.0	0.0	360.0
	Total	12.0	0.0	360.0	0.0	0.0	0.0	0.0	0.0	372.0

BR 2-052B ON K052 Westville Road over Almshouse Branch

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of a large corrugated metal pipe arched with reinforced concrete pipes. The approach roadways and guardrail will be reconstructed as needed and riprap will be placed in the stream for scour protection. The work will be performed under a full road closure with a detour.

PROJECT JUSTIFICATION: The existing pipes are structurally deficient and were selected by the Pontis Bridge Management System for work. It has a sufficiency rating of 69.3 and This bridge is ranked 24th on 2013 DelDOT Bridge Deficiency List. There is corrosion at the waterline with 100% section loss at some locations.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 29, 34
Senatorial District: 16
Estimated Cost: $402,000
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
BR 2-052B ON K052 Westville Road over Almshouse Branch	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	2.4	9.6	0.0	0.0	0.0	0.0	0.0	0.0	13.0
	C	0.0	0.0	72.0	288.0	0.0	0.0	0.0	0.0	360.0
	Total	2.4	9.6	72.0	288.0	0.0	0.0	0.0	0.0	373.0

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: M231, M232 Surface Transportation Program

Project Funding Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
BR 2-052B ON K052 Westville Road over Almshouse Branch	PE	2.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
	RW	0.0	0.0	2.4	9.6	0.0	0.0	0.0	0.0	13.0
	C	0.0	0.0	0.0	0.0	72.0	288.0	0.0	0.0	360.0
	Total	2.0	8.0	2.4	9.6	72.0	288.0	0.0	0.0	383.0

BR2-234A ON K234 LAKE FRONT DRIVE OVER RED HOUSE BRANCH

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of the existing corrugated metal pipe with reinforced concrete pipes or a box culvert and the reconstruction of the existing headwall. Additional work includes the placement of riprap for scour protection, the reconstruction of the approach roadway as needed, and the installation of guardrail. Traffic will be maintained during construction to provide access for the homeowners.

PROJECT JUSTIFICATION: There is significant corrosion at the waterline with 100% section loss at several locations throughout the pipe arch. The existing pipe arch is structurally deficient and was selected by the Pontis Bridge Management System for work.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 34
Senatorial District: 16
Estimated Cost: $356,000
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)										
Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
BR2-234A ON K234 LAKE FRONT DRIVE OVER RED HOUSE BRANCH	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	12.0
	C	0.0	0.0	0.0	0.0	300.0	0.0	0.0	0.0	300.0
	Total	0.0	0.0	12.0	0.0	300.0	0.0	0.0	0.0	312.0

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

Federal Funding Program: Highway Bridge Program

Project Funding Schedule (X $000)										
Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
BR2-234A ON K234 LAKE FRONT DRIVE OVER RED HOUSE BRANCH	PE	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
	RW	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	12.0
	C	0.0	0.0	0.0	0.0	300.0	0.0	0.0	0.0	300.0
	Total	30.0	0.0	12.0	0.0	300.0	0.0	0.0	0.0	342.0

KENT COUNTY PIPE REPLACEMENT – STATE, OPEN END 15-17

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of large corrugated metal pipes or pipe arches with multiple cells of reinforced concrete pipes. The approach roadways will be reconstructed as needed and riprap will be placed in the streams for scour protection. The work will be performed under full road closures with a detour.

PROJECT JUSTIFICATION: The existing pipes or pipe arches for each bridge are structurally deficient and were selected by the Pontis Bridge Management System for work. There is generally corrosion at the waterline with 100% section loss at some locations.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: Potentially 11
Senatorial District: Potentially 15 and 18
Estimated Cost: **$4**,885,000
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
KENT AND SUSSEX PIPE REPLACEMENT	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0

Note: When there is no Federal Spend

State Funding Program

Project Funding Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
KENT AND SUSSEX PIPE REPLACEMENT	PE	303.2	0.0	97.3	0.0	0.0	0.0	0.0	0.0	400.5
	RW	40.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	50.0
	C	2,019.7	0.0	2,139.6	0.0	0.0	0.0	0.0	0.0	4,159.3
	Total	2,360.0	0.0	2,246.9	0.0	0.0	0.0	0.0	0.0	4,609.8

REMOVAL OF BR2-357 PEDESTRIAN BRIDGE OVER ST. JONES RIVER

PROJECT SCOPE/DESCRIPTION: This project involves the removal of the existing pedestrian bridge over St Jones River in its entirety. The removal work consists of removing the two-girder steel superstructure with timber decking/rails, timber piers, and stone/concrete foundation. Other work will include placing riprap or other scour counter measures to protect the stream bank from future scour and the removal of the approach pavement that is no longer needed.

PROJECT JUSTIFICATION: BR 2-357P is a pedestrian bridge built in the 1970's and is in very poor condition. The bridge has been closed to pedestrian traffic for over two years. The existing bridge is structurally deficient and was selected by the Pontis Bridge Management System for work. This bridge is ranked 79th on the 2013 DelDOT Bridge Deficiency List

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 32
Senatorial District: 16
Estimated Cost: $218,350
MPO Priority Rating: N/A (Bridge)

Project Authorization Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
KENT AND SUSSEX PIPE REPLACEMENT	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	171.0	0.0	0.0	0.0	0.0	0.0	171.0
	Total	0.0	0.0	171.0	0.0	0.0	0.0	0.0	0.0	171.0

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY14 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2013.

State Funding Program

Project Funding Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
KENT AND SUSSEX PIPE REPLACEMENT	PE	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
	RW	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0
	C	0.0	0.0	171.0	0.0	0.0	0.0	0.0	0.0	171.0
	Total	27.6	0.0	171.0	0.0	0.0	0.0	0.0	0.0	198.6

TRANSIT SYSTEM:

FACILITIES

TRANSIT FACILITIES – KENT COUNTY

Dover Facility Bus Parking Reconfiguration

PROJECT SCOPE/DESCRIPTION: DTC's Dover Maintenance and Operations facility must accommodate the growth of services in Kent County. The number of buses needed to serve Kent County has outgrown the current parking configuration. Changing the configuration will allow DTC to park these buses within the current property lines.

PROJECT JUSTIFICATION: DTC's Dover Maintenance and Administration facility was built in 2001. The parking design was for 71 bus spaces. As of December 14, 2010, 90 buses were being parked at Dover. With more buses planned in the future and the need to park buses safely, a new bus parking configuration is needed.

County: Kent
Funding Program: Transit System – Facilities
Functional Category: Maintenance
Representative District: 32
Senatorial District: 17
Estimated Cost: $596,866

Project Authorization Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
Dover Facility Bus Parking Reconfiguration	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	105.2	420.8	0.0	0.0	0.0	0.0	0.0	0.0	526.0
	Total	105.2	420.8	0.0	0.0	0.0	0.0	0.0	0.0	526.0

Project Funding Schedule (X $000)

Project	Phase	FY 2016 State/ Other	FY 2016 Federal	FY 2017 State/ Other	FY2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2019 State/ Other	FY 2019 Federal	FY 2016-2019 Total
Dover Facility Bus Parking Reconfiguration	PE	10.4	0.0	20.0	0.0	0.0	0.0	0.0	0.0	30.4
	C	70.0	280.0	35.2	140.8	0.0	0.0	0.0	0.0	526.0
	Total	80.4	280.0	55.2	140.8	0.0	0.0	0.0	0.0	556.4

TRANSIT SYSTEM:

VEHICLES

PREVENTATIVE MAINTENANCE – KENT COUNTY

PROJECT SCOPE/DESCRIPTION: FTA permits the use of federal funds for vehicle preventative maintenance.

PROJECT JUSTIFICATION: Funding will support preventative maintenance of fixed route and paratransit vehicles, ensuring the reliability of the service.

County: Kent
Funding Program: Transit System – Vehicles
Functional Category: Expansion
Representative District: 32
Senatorial District: 17
Estimated Cost: $900,000

PREVENTATIVE MAINTENANCE – KENT COUNTY

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
PREVENTATIVE MAINTENANCE – KENT COUNTY	PRO	0.0	95.4	0.0	95.4	0.0	95.4	0.0	0.0	286.2
	Total	0.0	95.4	0.0	95.4	0.0	95.4	00	0.0	286.2

5307 – Urbanized Area Formula Grant Program

		Project Funding Schedule (X $000)								
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
PREVENTATIVE MAINTENANCE – KENT COUNTY	PRO	23.9	95.4	23.9	95.4	23.9	95.4	23.9	95.4	477.2
	Total	23.9	95.4	23.9	95.4	23.9	95.4	23.9	95.4	477.2

TRANSIT VEHICLE EXPANSION: (2) 40' LOW FLOOR FY17

PROJECT SCOPE/DESCRIPTION: This project will purchase two 30-foot low-floor buses to provide expanded fixed route service in Kent County.

PROJECT JUSTIFICATION: DTC's business plan recommends expansion of fixed route service in Kent County.

County: Kent
Funding Program: Transit System – Vehicles
Functional Category: Expansion
Representative District: 32
Senatorial District: 18
Estimated Cost: $952,900

TRANSIT VEHICLE EXPANSION

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
30' Low Floor (2)	PRO	190.6	762.3	200.5	800.2	0.0	0.0	0.0	0.0	952.9
	Total	190.6	762.3	200.5	802.2	0.0	0.0	0.0	0.0	952.9

Note: When there is a Federal Spend – with no Authorization listed for the FT 2015-18 Federal – the phase was previously authorized or planned to be authorized/obligated prior to September 30, 2014

Federal Funding Program – 5307 Urbanized Area Formula Grant Program

		Project Funding Schedule (X $000)								
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
30' Low Floor (2)	PROCURMT	0.0	0.0	190.6	762.3	0.0	0.0	0.0	0.0	952.9
	Total	0.0	0.0	190.6	762.3	0.0	0.0	0.0	0.0	952.9

TRANSIT VEHICLE REPLACEMENT Paratransit Buses Kent FY16-22

PROJECT SCOPE/DESCRIPTION: This project will replace cut-a-way buses for paratransit service in Kent County.

PROJECT JUSTIFICATION: The investment in transit vehicle replacement and refurbishment is necessary to meet the projected vehicle replacement schedule.

County: Kent
Funding Program: Transit System – Vehicles
Functional Category: Replacement
Representative District: 28, 29, 30, 31, 32, 34
Senatorial District: 14, 15, 16, 17
Estimated Cost: $10,534,800

Paratransit Buses Kent FY14-19

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
Paratransit Buses Kent FY16-22	PRO	252.2	1,008.8	188.9	755.7	364.8	1,459.4	86.0	344.1	4,459.9
	Total	252.2	1,008.8	188.9	755.7	364.8	1,459.4	86.0	344.1	4,459.9

		Project Funding Schedule (X $000)								
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
Paratransit Buses Kent FY16-22	PRO	0.0	1,892.0	252.2	1,008.8	188.9	755.7	364.8	1,459.3	5,921.8
	Total	0.0	1,892.0	252.2	1,008.8	188.9	755.7	364.8	1,459.3	5,921.8

TRANSIT VEHICLE REPLACEMENT SUPPORT VEHICLES KENT FY16-22

PROJECT SCOPE/DESCRIPTION: This project will purchase support vehicles to enable staff to monitor and maintain DTC operations and facilities in Kent County.

PROJECT JUSTIFICATION: The investment in support vehicle replacement is necessary to meet the projected vehicle replacement schedule.

County: Kent
Funding Program: Transit System – Vehicles
Functional Category: Expansion
Representative District: 32
Senatorial District: 16
Estimated Cost: $521,200

SUPPORT VEHICLES KENT FY16-22

Project Authorization Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
SUPPORT VEHICLES KENT FY16-22	PRO	113.2	0.0	88.0	0.0	28.8	0.0	234.7	0.0	464.7
	Total	113.2	0.0	88.0	0.0	28.8	0.0	234.7	0.0	464.7

Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
SUPPORT VEHICLES KENT FY16-22	PRO	26.3	0.0	113.2	0.0	88.8	0.0	28.8	0.0	257.1
	Total	26.3	0.0	113.2	0.0	88.8	0.0	28.8	0.0	257.1

APPENDIX B
Adopted Resolutions and Self-Certification
May 6, 2015

Dover/Kent County MPO
Metropolitan Planning Organization

Dover/Kent County Metropolitan Planning Organization

P.O. Box 383, Dover, Delaware 19903 (302) 387-6030 FAX (302) 387-6032

RESOLUTION

ADOPTING THE FY 2016-2019 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the United States Department of Transportation (U.S. DOT) Metropolitan Planning Regulations require that the Metropolitan Planning Organization (MPO), in cooperation with participants in the planning process, develop and at least every four years update the Transportation Improvement Program (TIP); and

WHEREAS, the Dover/Kent County Metropolitan Planning Organization is the MPO responsible for updating the TIP for Kent County, Delaware as required by Section 450 of Title 23 and Section 613 of the Federal Transit Act (49 U.S.C.); and

WHEREAS, the MPO has self-certified its planning process; and

WHEREAS, the projects included in the FY 2016-2019 TIP have been prioritized based on goals identified in the Metropolitan Transportation Plan; and

WHEREAS, the projects in the FY 2016-2019 TIP derive from the first four years of the 2040 Update of the Metropolitan Transportation Plan; and

WHEREAS, the MPO has determined that the FY 2016-2019 TIP is financially constrained; and

WHEREAS, the FY 2016 projects contained in the FY 2016-2019 TIP will be utilized as the priority list of projects for this fiscal year; and

WHEREAS, the public has had opportunity to comment on the FY 2016-2019 TIP; and

WHEREAS, the MPO has determined that the FY 2016-2019 TIP conforms to the Delaware State Implementation Plan.

NOW, THEREFORE, BE IT RESOLVED, that on May 6, 2015 the Dover/Kent County MPO Council adopted the FY 2016-2019 TIP, as the region's official selection of transportation projects for federal funding.

Bradley S. Eaby

Commissioner Bradley S. Eaby, Chairperson
Dover/Kent County MPO Council

RKV:crs

Dover/Kent County Metropolitan Planning Organization

P.O. Box 383, Dover, Delaware 19903 (302) 387-6030 FAX (302) 387-6032
http://doverkentmpo.org

SELF-CERTIFICATION OF THE METROPOLITAN TRANSPORTATION PLANNING PROCESS

In accordance with 23 CFR 450.334, the Delaware Department of Transportation and the Dover/Kent County Metropolitan Planning Organization for the Dover, DE urbanized area hereby certify that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

(1) 23 USC 134, 49 U.S.C. Section 5303, and 23 CFR Part 450.

(2) In nonattainment and maintenance areas, Sections 174 and 176(c) and (d) of the Clean Air Act as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR Part 93.

(3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR Part 21.

(4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex or age in employment or business opportunity.

(5) Section 1101(b) of the Moving Ahead for Progress in the 21st Century Act (MAP-21) (Pub. L. 109-59) and 49 CFR Part 26 regarding the involvement of Disadvantaged Business Enterprises in USDOT funded planning projects.

(6) 23 CFR Part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts.

(7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR Parts 27, 37, and 38.

(8) Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance.

(9) Section 324 of CFR 23, regarding prohibition of discrimination based on gender.

(10) Section 504 of the Rehabilitation Act of 1973 and 49 CFR Part 27 regarding discrimination against individuals with disabilities.

Bradley S. Eaby

Commissioner Bradley S. Eaby, Chairperson
Dover/Kent County MPO Council

May 21, 2015
Date

RKV:crs

APPENDIX C
Financial Plan
(Including Evidence of Fiscal Constraint)

APPENDIX C: Financial Plan

with evidence of Fiscal Constraint

Revenue

Kent County	FY 16	FY 17	FY 18	FY 19
Federal	$55,061,985	$48,710,210	$35,163,612	$16,230,495
State	$12,523,893	$6,345,269	$5,440,531	$3,715,774
Other	$182,324	$23,900	$23,900	$23,900
Subtotal - Kent county	**$67,768,202**	**$55,079,379**	**$40,628,042**	**$19,970,169**
Statewide				
Federal	$71,477,250	$76,848,506	$71,082,800	$80,603,463
State	$192,666,427	$176,432,797	$176,066,111	$177,271,394
Other	$1,357,797	$2,300,926	$1,257,346	$1,257,346
Subtotal - Statewide	**$265,501,474**	**$255,582,229**	**$248,406,257**	**$259,132,203**
Total Revenue	**$333,269,676**	**$310,661,607**	**$289,034,300**	**$279,102,372**

Programmed Funds

Kent County				
Arterials	$40,588,169	$28,339,407	$34,374,342	$11,905,169
Collectors	$19,999,133	$18,897,176	$2,030,000	$2,430,000
Local	$150,115	$800,000	$250,000	$0
Bridge Preservation	$4,632,819	$2,868,995	$2,821,000	$503,000
Bicycle/Pedestrian	$0	$0	$0	$0
Transportation Facilities	$0	$0	$0	$0
Transit Facilities	$360,366	$196,000	$0	$0
Transit Vehicles	$2,037,600	$3,977,800	$1,152,700	$5,132,000
Subtotal - Kent County	**$67,768,202**	**$55,079,379**	**$40,628,042**	**$19,970,169**
Statewide				
Road Systems	$165,330,242	$166,373,871	$161,401,731	$175,252,727
Support Systems	$67,902,257	$60,408,783	$59,234,939	$57,834,889
Transit Systems	$10,518,975	$7,049,575	$6,019,588	$4,294,588
Grants & Allocations	$21,750,000	$21,750,000	$21,750,000	$21,750,000
Subtotal - Statewide	**$265,501,474**	**$255,582,229**	**$248,406,257**	**$259,132,203**
Total Programmed Funds	**$333,269,676**	**$310,661,607**	**$289,034,300**	**$279,102,372**

The funding information included above was provided by DelDOT Finance and is based on anticipated resources and programmed funding as depicted in the FY 2016-2019 Capital Transportation Program as adopted.

APPENDIX D
Unfunded Projects (Aspirations) List

APPENDIX D: Aspirational Projects List

List of Recommended Projects

			Year Completed By	Year Of Expenditure $ Amount	Road Classification
Capital Projects - Highways	**Aspirations List of Projects**				
	Highway Projects				
	30.7	Upgrade corridor of DE 14 in Milford from DE 15 to Church Street and from Washington Street to SR 1 with adequate lane width, shoulders, sidewalks and transit facilities	**2030**	**$28,396**	Minor Arterial
	30.7	Upgrade College Road from Salisbury to Kenton Road to include turn lanes where needed, shoulders, sidewalks or multi-use path, curbing and closed drainage	**2030**	**$4,289**	Minor Arterial
	29.2	Upgrade Kenton Road: Chestnut Grove Road to DE 42; upgrade to functional classification including shoulders, sidewalks and bike lanes	**2030**	**$63,000**	Minor Arterial
	28.7	DE 8: Intersection Improvements: Left turn phasing at 4 intersections	**2040**	**$1,550**	Minor Arterial
	28.6	DE 10: Connection from DE 10 at Rising Sun Road to US 13 to connect to new road through the King Property	**2030**	**$2,550**	Major Collector
	29.1	Upgrade Sunnyside Road from DE 300 to US 13 in Smyrna to include adequate travel lanes, shoulders, curbs, drainage, and bicycle and pedestrian improvements	**>2030**	**$30,845**	Major Collector
	29.1	Construct/fill gaps in pedestrian facilities on US 113 between Court Street and Lafferty Lane	**>2030**	**$5,774**	Minor Arterial
	28.5	Upgrade N. Main Street in Smyrna to include adequate travel lanes, shoulders, curbs, drainage, and bicycle and pedestrian improvements	**>2030**	**$7,150**	Major Collector
	28.5	Upgrade Joe Goldsborough Road from Duck Creek Road to US 13 to include adequate travel lanes, shoulders and bicycle and pedestrian facilities	**>2030**	**$2,240**	Major Collector
	28.5	Upgrade Paddock Road from US 13 to SR 1 to include adequate travel lanes, shoulders and bicycle and pedestrian facilities	**>2030**	**$5,096**	Major Collector
	27.3	Upgrade Messina Hill Road to improve safety and include adequate travel lanes, shoulders and bicycle and pedestrian facilities	**>2030**	**$4,480**	Major Collector
	27.1	DE10: Connection from Rising Sun Road to to Old North Street at Redner's	**>2030**	**$3,340**	Minor Collector
	26.9	Upgrade Brenford Road: US 13 south to DE 42; upgrade to functional classification including shoulders, sidewalks and bike lanes	**>2040**	**$36,800**	Major Collector
	26.8	Upgrade Peachtree Run Road (from Voshells Mill Star Hill Road to Irish Hill Road) to include adequate travel lanes, shoulders, and bicycle and pedestrian improvements	**>2030**	**$12,300**	Major Collector
	26.8	Upgrade New Burton Road from Westview Terrace to Wyoming town limit with turn lanes, where needed, adequate shoulders and bicycle and pedestrian facilities	**>2030**	**$11,200**	Major Collector
	26.7	Construct/ fill gaps in pedestrian facilities on US 13 from Smyrna-Leipsic Road (K 12) to Duck Creek Road.	**>2030**	**$4,362**	Minor Arterial

APPENDIX D: Aspirational Projects List

List of Recommended Projects

				Year Completed By	Year Of Expenditure $ Amount	Road Classification
Capital Projects - Highways	Excluded New Projects	26.4	South State Street Center left turn lane: SR 10 to SR 1	>2030	$55,000	Minor Arterial
		26.3	Upgrade SR 36 west of US 113 to include pedestrian, bicycle and transit facilities and adequate travel lane and shoulder widths (in Milford)	>2030	$28,000	Major Collector
		26.2	Upgrade the McKee Road/ Saulsbury Road/Morton Road corridor from Denneys Road to Lynnbury Woods Road with adequate lane width, shoulders, sidewalks and bicycle and transit facilities	>2030	$10,200	Major Collector
		26.2	Upgrade DE 15 between DE 14 and US 13 and from DE 10A to DE 10 to include adequate lane width, shoulders, multi-use path and transit facilities.	>2030	$39,300	Minor Arterial
		25.7	Upgrade DE 42 from Kenton to US 13 with adequate travel lanes and shoulders and bicycle and pedestrian facilities	>2030	$21,056	Major Collector
		25.7	Upgrade corridor of Lynnbury Woods Road to include adequate travel lanes, shoulders, curbs, drainage, and bicycle and pedestrian improvements	>2030	$5,600	Minor Collector
		25.1	Upgrade sections of Brenford Road not included in developer improvements to include adequate travel lanes, shoulders and bicycle and pedestrian facilities	>2030	$200	Minor Arterial
		25.1	Upgrade Walnut Shade Road from US 13 to S. State St. to include adequate travel lanes, shoulders, and bicycle and pedestrian improvements	>2030	$8,000	Major Collector
		24.9	- D8: N/S Connector Road: Connection from DE 8 / Hazletville Road to Artis Drive	2030	$4,550	Major Collector
		24.6	Upgrade DE 15 west of Clayton and Smyrna (Vandyke Greenspring Road to DE 6) to include adequate travel lanes and shoulders and bicycle, pedestrian and transit facilities	>2030	$6,900	Major Collector
		24.5	Construct Bike and Pedestrian Improvements on Duck Creek Road from Main St to US 13 and from DE 6 to VanDyke Spring Road	>2030	$550	Major Collector
		24.5	Upgrade Carpenter Bridge Road from Frederica to DE 15 to include adequate lane width, shoulders, multi-use path and transit amenities	>2030	$18,816	Minor Arterial
		24.5	Upgrade DE 12 from SR 1 to US 13 with adequate lane width, shoulders, multi-use path and transit facilities	>2030	$30,016	Minor Arterial
		24.5	Construct/fill gaps in bicycle and pedestrian facilities on Hazlettville Road within the Dover city limits.	>2030	$2,240	Minor Arterial
		24.5	Construct a Bike route on S. State Street from Webbs Lane to SR 10	>2030	$1,200	Minor Arterial
		24.1	DE 10: Intersection Improvement, S. Main Street and South Street	2040	$2,455	Major Collector
		24.0	- D8: N/S Connector Road: Chestnut Grove Road to Rt 8	2040	$15,325	Minor Arterial
		24.0	Construct/fill gaps in bicycle and pedestrian improvements on DE 10 between Bay Road (US 113) and DE 15 west of Wyoming	>2030	$5,600	Minor Arterial
		23.1	- D8: Intersection Improvements: Mifflin Road right turn and realignment of Brandywine Apts entrance	2030	$2,550	Principal Arterials
		22.9	Improvements to the Intersection of Irish Hill Road and Woodleytown Road	>2040	$1,000	Major Collector

APPENDIX D: Aspirational Projects List

List of Recommended Projects

				Year Completed By	Year Of Expenditure $ Amount	Road Classification
Highways		22.6	- D8: Realign intersection of Artis Drive with DE 8	**2030**	**$550**	Minor Arterial
		22.6	DE 8: Connector Road south of Gateway West to Commerce Way	**>2040**	**$550**	Local
		21.0	Construct grade-separated intersection at SR 1 and Barratts Chapel Road	**>2030**	**$30,000**	Principal Arterials
		17.1	Upgrade Brick Store Landing Road from Paddock Road to SR 1 in Smyrna	**>2030**	**$3,696**	Major Collector
		17.0	Improve the intersection of Airport and Bowman Roads in Milford	**>2030**	**$900**	Major Collector
		14.9	Upgrade DE 6 between the Maryland state line and DE 300 with adequate travel lanes and shoulders.	**>2030**	**$7,900**	Local
Bike/Ped Projects	**Bicycle and Pedestrian Projects**					
	On-Road		Pearsons Corner Road: DE 8 to DE 42; widened to add shoulders, sidewalks and bike lanes	**2035**	**$10,000**	Locals
			Chestnut Grove Road: Kenton Road to DE 8; widened to add shoulders, sidewalks and bike lanes	**2035**	**$10,000**	Locals
			DE 12 west of Felton/Burnite Mill Road: Black Swamp Road to the Maryland line; widended and striped shoulders, pedestrian Way added	**2040**	**$15,000**	Major Collector
			DE 15/Canterbury Road: US 13 to Airport Road; widened and striped shoulders, pedestrian way added	**2040**	**$15,000**	Minor Arterial
	Intersections		Saulsbury Road: north Street to College Road; 12 intersections improved	**2040**	**$25,000**	Major Collector
			Rehoboth Boulevard: at Warner Road and US 113; intersection improvements	**2035**	**$1,000**	Major Collector
			DE 14 @ US 13, US 113 and SR 1; intersection improvements	**2035**	**$1,000**	Minor Arterial
			DE 42/Seven Hickories Road: Kenton to Cheswold; intersection improvements	**2040**	**$2,000**	Major Collector
	Off-Road		DE 10 Trail: alternative to Lebanon Road on-road bike facilities.	***2030***	**$2,000**	Off-Road
			Smyrna-Clayton Trail: connecting schools, parks and existing trails, including the proposed trail to Easton, MD.	***2040***	**$3,000**	Off-Road
			Estimated Total Cost		***$84,000***	
ansit	**Transit Projects**					
nsit			Implement Bus Rapid Transit/BRT recommendations through Kent County by creating a dedicated lane and intelligent signalling on existing ROW	**>2030**	*$0*	|

APPENDIX D: Aspirational Projects List

List of Recommended Projects

				Year Completed By	Year Of Expenditure $ Amount	Road Classification
Tra	Tra		Expand Rail service to Dover	**>2030**	*$0*	|
Studies	**Planning Studies**					
	'S'		Studies not specifically listed in the RTP	**>2030**	*$0*	|

APPENDIX E
Listing of Funded Projects

Kent County

APPENDIX E-A: ANNUAL LISTING OF PROJECTS
KENT COUNTY

	A	B	C	D	F	G	I	J	M	N	O	V	W	X	AE	AF	AG	AN	AO	AP
1	Priority	County	Project Title	P6	Category	Class	Phase	Current Estimate	FY16 State Spend	FY16 Fed Spend	FY16 Other Spend	FY17 State Spend	FY17 Fed Spend	FY17 Other Spend	FY18 State Spend	FY18 Fed Spend	FY18 Other Spend	FY19 State Spend	FY19 Fed Spend	FY19 Other Spend
615																				
616	81	Kent	HEP KC, SR 8 & SF	14-00815	Road Syster	Arterials	PE	1,000,000	50,000	450,000	-	50,000	450,000	-	-	-	-	-	-	-
617	81	Kent	HEP KC, SR 8 & SF	14-00815	Road Syster	Arterials	ROW	1,000,000	-	-	-	-	-	-	50,000	450,000	-	50,000	450,000	-
618	81	Kent	HEP KC, SR 8 & SF	14-00815	Road Syster	Arterials	C	3,000,000	-	-	-	-	-	-	-	-	-	-	-	-
619			**HEP KC, SR 8 & SR 15 Intersection Improvements Total**					**5,000,000**	**50,000**	**450,000**	**-**	**50,000**	**450,000**	**-**	**50,000**	**450,000**	**-**	**50,000**	**450,000**	**-**
620	56	Kent	Loockerman Street /	04-00041	Road Syster	Arterials	PD	246,830	-	-	-	-	-	-	-	-	-	-	-	-
621	56	Kent	Loockerman Street /	04-00041	Road Syster	Arterials	PE	300,000	-	-	-	150,000	-	-	150,000	-	-	-	-	-
622	56	Kent	Loockerman Street /	04-00041	Road Syster	Arterials	ROW	100,000	-	-	-	-	-	-	-	-	-	100,000	-	-
623	56	Kent	Loockerman Street /	04-00041	Road Syster	Arterials	C	3,500,000	-	-	-	-	-	-	-	-	-	-	-	-
624			**Loockerman Street / Forest Street Total**					**4,146,830**	**-**	**-**	**-**	**150,000**	**-**	**-**	**150,000**	**-**	**-**	**100,000**	**-**	**-**
625	19	Kent	SR 1, Little Heaven	04-00034	Road Syster	Arterials	PD	605,360	-	-	-	-	-	-	-	-	-	-	-	-
626	19	Kent	SR 1, Little Heaven	04-00034	Road Syster	Arterials	PE	5,499,000	10,600	42,400	-	-	-	-	-	-	-	-	-	-
627	19	Kent	SR 1, Little Heaven	04-00034	Road Syster	Arterials	ROW	19,800,000	5,087	20,346	-	-	-	-	-	-	-	-	-	-
628	19	Kent	SR 1, Little Heaven	04-00034	Road Syster	Arterials	CE	4,384,682	-	1,623,606	-	-	1,623,606	-	-	873,227	-	-	-	-
629	19	Kent	SR 1, Little Heaven	04-00034	Road Syster	Arterials	C	38,453,986		13,301,211	158,424	-	14,000,000	-	-	10,500,000	-	-	-	-
630	19	Kent	SR 1, Little Heaven	04-00034	Road Syster	Arterials	Traffic	1,698,900		567,433			565,734			565,734				
631	19	Kent	SR 1, Little Heaven	04-00034	Road Syster	Arterials	Utilities	6,835,000	6,300,000	532,885										
632	19	Kent	SR 1, Little Heaven	04-00034	Road Syster	Arterials	Contingen	2,644,410								3,211,330				
633	19	Kent	SR 1, Little Heaven	04-00034	Road Syster	Arterials	Maintenan	50,000												
634			**SR 1, Little Heaven Grade Separated Intersection Total**					**79,971,337**	**6,315,687**	**16,087,880**	**158,424**	**-**	**16,189,339**	**-**	**-**	**15,150,290**	**-**	**-**	**-**	**-**
635	77	Kent	SR 1, NE Front Stre	09-25000	Road Syster	Arterials	PE	661,843	16,866	67,465	-	-	-	-	-	-	-	-	-	-
636	77	Kent	SR 1, NE Front Stre	09-25000	Road Syster	Arterials	ROW	3,000,000	-	1,500,000	-	-	1,500,000	-	-	-	-	-	-	-
637	77	Kent	SR 1, NE Front Stre	09-25000	Road Syster	Arterials	C	16,000,000	-	-	-	-	-	-	800,000	3,200,000	-	1,600,000	6,400,000	-
638	77	Kent	SR 1, NE Front Stre	09-25000	Road Syster	Arterials	Maintenan	442,000	-	-	-	-	-	-	-	-	-	-	-	-
639			**SR 1, NE Front Street Grade Separated Intersection Total**					**20,103,843**	**16,866**	**1,567,465**	**-**	**-**	**1,500,000**	**-**	**800,000**	**3,200,000**	**-**	**1,600,000**	**6,400,000**	**-**
640	87	Kent	SR 1, South Frederic	07-22503	Road Syster	Arterials	PD	489,204	-	-	-	-	-	-	-	-	-	-	-	-
641	87	Kent	SR 1, South Frederic	07-22503	Road Syster	Arterials	PE	2,898,700	112,000	8,000	-	-	-	-	-	-	-	-	-	-
642	87	Kent	SR 1, South Frederic	07-22503	Road Syster	Arterials	ROW	2,488,734	-	-	-	-	-	-	-	-	-	-	-	-
643	87	Kent	SR 1, South Frederic	07-22503	Road Syster	Arterials	CE	2,418,685	-	-	-	368,722	1,474,889	-	114,976	459,902.40	-	-	-	-
644	87	Kent	SR 1, South Frederic	07-22503	Road Syster	Arterials	C	18,299,174	200,000	800,000	-	1,000,000	4,000,000	-	2,459,835	9,839,339	-	-	-	-
645	87	Kent	SR 1, South Frederic	07-22503	Road Syster	Arterials	Traffic	764,464	-	-	-	64,779	259,116	-	80,000	320,000	-	-	-	-
646	87	Kent	SR 1, South Frederic	07-22503	Road Syster	Arterials	Utilities	312,510	-	-	-	62,502	250,008	-	-	-	-	-	-	-
647	87	Kent	SR 1, South Frederic	07-22503	Road Syster	Arterials	Contingen	1,705,168	-	-	-	-	-	-	-	-	-	341,034	1,364,135	-
648			**SR 1, South Frederica Grade Separated Intersection Total**					**29,376,638**	**312,000**	**808,000**	**-**	**1,496,003**	**5,984,013**	**-**	**2,654,811**	**10,619,241**	**-**	**341,034**	**1,364,135**	**-**
649	6	Kent	SR 1, Thompsonvill	04-00036	Road Syster	Arterials	PD	685,425	-	-	-	-	-	-	-	-	-	-	-	-
650	6	Kent	SR 1, Thompsonvill	04-00036	Road Syster	Arterials	PE	250,000	-	-	-	-	-	-	-	-	-	-	-	-
651	6	Kent	SR 1, Thompsonvill	04-00036	Road Syster	Arterials	ROW	9,071,000	1,000	4,000	-	-	-	-	-	-	-	-	-	-
652	6	Kent	SR 1, Thompsonvill	04-00036	Road Syster	Arterials	CE	2,062,511	322,466	1,523,702	-	-	-	-	-	-	-	-	-	-
653	6	Kent	SR 1, Thompsonvill	04-00036	Road Syster	Arterials	C	12,634,598	2,105,240	8,420,961	-	-	-	-	-	-	-	-	-	-
654	6	Kent	SR 1, Thompsonvill	04-00036	Road Syster	Arterials	Traffic	356,002	64,349	257,394	-	-	-	-	-	-	-	-	-	-
655	6	Kent	SR 1, Thompsonvill	04-00036	Road Syster	Arterials	Utilities	342,937	68,547	274,189	-	-	-	-	-	-	-	-	-	-
656	6	Kent	SR 1, Thompsonvill	04-00036	Road Syster	Arterials	Contingen	773,988			-	148,010	592,041	-	-	-	-	-	-	-
657	6	Kent	SR 1, Thompsonvill	04-00036	Road Syster	Arterials	Maintenan	10,000	2,000	8,000	-	-	-	-	-	-	-	-	-	-
658			**SR 1, Thompsonville Grade Separated Intersection Total**					**26,186,461**	**2,563,602**	**10,488,245**	**-**	**148,010**	**592,041**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
659	76	Kent	HEP KC, SR14 at K	14-00036	Road Syster	Arterials	PE	20,000	2,000	18,000	-	-	-	-	-	-	-	-	-	-
660	76	Kent	HEP KC, SR14 at K	14-00036	Road Syster	Arterials	ROW	30,000	-	-	-	3,000	27,000	-	-	-	-	-	-	-
661	76	Kent	HEP KC, SR14 at K	14-00036	Road Syster	Arterials	C	250,000	-	-	-	-	-	-	25,000	225,000	-	-	-	-
662			**HEP KC, SR14 at Killens Pond Road Intersection Improvement Total**					**300,000**	**2,000**	**18,000**	**-**	**3,000**	**27,000**	**-**	**25,000**	**225,000**	**-**	**-**	**-**	**-**
663	20	Kent	HEP, KC, US13, Lo	14-00013	Road Syster	Arterials	PE	4,500,000	350,000	1,400,000	-	350,000	1,400,000	-	190,000	760,000	-	-	-	-
664	20	Kent	HEP, KC, US13, Lo	14-00013	Road Syster	Arterials	ROW	2,000,000	-	-	-	-	-	-	-	-	-	200,000	800,000	-
665	20	Kent	HEP, KC, US13, Lo	14-00013	Road Syster	Arterials	C	66,000,000	-	-	-	-	-	-	-	-	-	-	-	-
666			**HEP, KC, US13, Lochmeath Way to Puncheon Run Connector Total**					**72,500,000**	**350,000**	**1,400,000**	**-**	**350,000**	**1,400,000**	**-**	**190,000**	**760,000**	**-**	**200,000**	**800,000**	**-**
667	21	Kent	HEP KC, US13 Wal	15-00013	Road Syster	Arterials	PE	500,000							20,000	80,000		40,000	160,000	
668	21	Kent	HEP KC, US13 Wal	15-00013	Road Syster	Arterials	ROW	500,000												
669	21	Kent	HEP KC, US13 Wal	15-00013	Road Syster	Arterials	C	16,500,000												
670			**HEP KC, US13 Walnut Shade Rd. to Lochmeath Way Total**					**17,500,000**	**-**	**-**	**-**	**-**	**-**	**-**	**20,000**	**80,000**	**-**	**40,000**	**160,000**	**-**
671	15	Kent	Walnut Shade Road,	14-00030	Road Syster	Arterials	PE	850,000										80,000	320,000	
672	15	Kent	Walnut Shade Road,	14-00030	Road Syster	Arterials	ROW	1,500,000												
673	15	Kent	Walnut Shade Road,	14-00030	Road Syster	Arterials	C	9,500,000												
674			**Walnut Shade Road, US13 to Peachtree Run Road Total**					**11,850,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**80,000**	**320,000**	**-**
675	11	Kent	Camden Bypass, No	14-00193	Road Syster	Collectors	PE	700,000							70,000	280,000		70,000	280,000	
676	11	Kent	Camden Bypass, No	14-00193	Road Syster	Collectors	ROW	1,200,000												
677	11	Kent	Camden Bypass, No	14-00193	Road Syster	Collectors	C	2,500,000												
678			**Camden Bypass, North Street Extended to SR10 Total**					**4,400,000**	**-**	**-**	**-**	**-**	**-**	**-**	**70,000**	**280,000**	**-**	**70,000**	**280,000**	**-**
679	3	Kent	Camden Bypass, So	14-00029	Road Syster	Collectors	PE	1,200,000				120,000	480,000		120,000	480,000				
680	3	Kent	Camden Bypass, So	14-00029	Road Syster	Collectors	ROW	2,000,000										200,000	800,000	
681	3	Kent	Camden Bypass, So	14-00029	Road Syster	Collectors	C	10,000,000												
682			**Camden Bypass, South Street to Rising Sun Road Total**					**13,200,000**	**-**	**-**	**-**	**120,000**	**480,000**	**-**	**120,000**	**480,000**	**-**	**200,000**	**800,000**	**-**
683	44	Kent	Crawford Carroll Ro	14-14101	Road Syster	Collectors	PE	200,000	20,000	80,000	-	20,000	80,000	-	-	-	-	-	-	-
684	44	Kent	Crawford Carroll Ro	14-14101	Road Syster	Collectors	ROW	1,200,000	-	-	-	-	-	-	120,000	480,000	-	120,000	480,000	-
685	44	Kent	Crawford Carroll Ro	14-14101	Road Syster	Collectors	C	2,200,000	-	-	-	-	-	-	-	-	-	-	-	-
686			**Crawford Carroll Road Extension Total**					**3,600,000**	**20,000**	**80,000**	**-**	**20,000**	**80,000**	**-**	**120,000**	**480,000**	**-**	**120,000**	**480,000**	**-**
687	65	Kent	K104, Kenton Rd. S	14-00106	Road Syster	Collectors	PE	1,300,000	130,000	520,000	-	130,000	520,000	-	-	-	-	-	-	-
688	65	Kent	K104, Kenton Rd. S	14-00106	Road Syster	Collectors	ROW	960,000	-	-	-	-	-	-	96,000	384,000	-	96,000	384,000	-
689	65	Kent	K104, Kenton Rd. S	14-00106	Road Syster	Collectors	C	3,000,000	-	-	-	-	-	-	-	-	-			-

	A	B	C	D	F	G	I	J	M	N	O	V	W	X	AE	AF	AG	AN	AO	AP
1	Priority	County	Project Title	P6	Category	Class	Phase	Current Estimate	FY16 State Spend	FY16 Fed Spend	FY16 Other Spend	FY17 State Spend	FY17 Fed Spend	FY17 Other Spend	FY18 State Spend	FY18 Fed Spend	FY18 Other Spend	FY19 State Spend	FY19 Fed Spend	FY19 Other Spend
690			**K104, Kenton Rd. SR8 to Chestnut Grove Rd. Total**					**5,260,000**	**130,000**	**520,000**	**-**	**130,000**	**520,000**	**-**	**96,000**	**384,000**	**-**	**96,000**	**384,000**	**-**
691	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	PD	3,970,804	-	-	-	-	-	-	-	-	-	-	-	-
692	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	PE	3,350,000	2,000	8,000	-	-	-	-	-	-	-	-	-	-
693	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	ROW	13,621,300	-	20,000	-	-	-	-	-	-	-	-	-	-
694	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	CE	3,594,583		1,700,663			1,643,583							
695	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	C	31,643,857	-	14,725,315	-	-	13,597,924	-	-	-	-	-	-	-
696	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	Traffic	1,011,909	-	711,909	-	-	250,000	-	-	-	-	-	-	-
697	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	Utilities	1,962,379	-	1,538,203	-	-	-	-	-	-	-	-	-	-
698	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	Contingen	2,055,669	-	-	-	-	2,055,669	-	-	-	-	-	-	-
699	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	Manageme	273,684	-	-	-	-	-	-	-	-	-	-	-	-
700	**66**	Kent	West Dover Connec	04-00801	Road Syster	Collectors	Rail Road	543,043	-	543,043	-	-	-	-	-	-	-	-	-	-
701			**West Dover Connector Total**					**62,027,229**	**2,000**	**19,247,133**	**-**	**-**	**17,547,176**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
702	**67**	Kent	West Street, New Bu	14-00190	Road Syster	Collectors	PE	400,000												
703	**67**	Kent	West Street, New Bu	14-00190	Road Syster	Collectors	ROW	250,000												
704	**67**	Kent	West Street, New Bu	14-00190	Road Syster	Collectors	C	650,000												
705			**West Street, New Burton Road to North Street Total**					**1,300,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
706	**75**	Kent	HEP KC, SR10 & S	12-14777	Road Syster	Local	PE	38,000	-	115	-	-	-	-	-	-	-	-	-	-
707	**75**	Kent	HEP KC, SR10 & S	12-14777	Road Syster	Local	ROW	200,000	15,000	135,000	-	5,000	45,000	-	-	-	-	-	-	-
708	**75**	Kent	HEP KC, SR10 & S	12-14777	Road Syster	Local	C	1,000,000	-	-	-	150,000	600,000	-	50,000	200,000	-	-	-	-
709			**HEP KC, SR10 & SR15 Intersection Improvements Total**					**1,238,000**	**15,000**	**135,115**	**-**	**155,000**	**645,000**	**-**	**50,000**	**200,000**	**-**	**-**	**-**	**-**
710	**SOGR**	Kent	BR 2-031A on Irish	13-02031	Road Syster	Bridge	PE	20,000	2,400	9,600	-	-	-	-	-	-	-	-	-	-
711	**SOGR**	Kent	BR 2-031A on Irish	13-02031	Road Syster	Bridge	ROW	12,000	-	-	-	2,400	9,600	-	-	-	-	-	-	-
712	**SOGR**	Kent	BR 2-031A on Irish	13-02031	Road Syster	Bridge	C	705,000	-	-	-	-	-	-	141,000	564,000	-	-	-	-
713			**BR 2-031A on Irish Hill Road over Double Run Creek Total**					**737,000**	**2,400**	**9,600**	**-**	**2,400**	**9,600**	**-**	**141,000**	**564,000**	**-**	**-**	**-**	**-**
714	**SOGR**	Kent	BR 2-050A on SR8	14-02050	Road Syster	Bridge	PE	35,000	5,179	20,717	-	-	-	-	-	-	-	-	-	-
715	**SOGR**	Kent	BR 2-050A on SR8	14-02050	Road Syster	Bridge	ROW	10,000	-	-	-	2,000	8,000	-	-	-	-	-	-	-
716	**SOGR**	Kent	BR 2-050A on SR8	14-02050	Road Syster	Bridge	C	505,000	-	-	-	-	-	-	101,000	404,000	-	-	-	-
717			**BR 2-050A on SR8 Halltown Road over Beaverdam Ditch Total**					**550,000**	**5,179**	**20,717**	**-**	**2,000**	**8,000**	**-**	**101,000**	**404,000**	**-**	**-**	**-**	**-**
718	**SOGR**	Kent	BR 2-052B on K052	14-02052	Road Syster	Bridge	PE	30,000	2,000	8,000										
719	**SOGR**	Kent	BR 2-052B on K052	14-02052	Road Syster	Bridge	ROW	12,000	-	-		2,400	9,600							
720	**SOGR**	Kent	BR 2-052B on K052	14-02052	Road Syster	Bridge	C	360,000				-	-		72,000	288,000				
721			**BR 2-052B on K052B Westville Road over Almshouse Branch Total**					**402,000**	**2,000**	**8,000**	**-**	**2,400**	**9,600**	**-**	**72,000**	**288,000**	**-**	**-**	**-**	**-**
722	**SOGR**	Kent	BR 2-060C on SR14	14-02060	Road Syster	Bridge	PE	41,093	7,000	28,000										
723	**SOGR**	Kent	BR 2-060C on SR14	14-02060	Road Syster	Bridge	ROW	33,000				6,600	26,400							
724	**SOGR**	Kent	BR 2-060C on SR14	14-02060	Road Syster	Bridge	C	575,000							115,000	460,000				
725			**BR 2-060C on SR14 Vernon Road over Prospect Branch Total**					**649,093**	**7,000**	**28,000**	**-**	**6,600**	**26,400**	**-**	**115,000**	**460,000**	**-**	**-**	**-**	**-**
726	**SOGR**	Kent	BR 2-100A on Denn	10-02100	Road Syster	Bridge	PE	37,000	-	-	-	-	-	-	-	-	-	-	-	-
727	**SOGR**	Kent	BR 2-100A on Denn	10-02100	Road Syster	Bridge	ROW	20,500	-	-	-	-	-	-	-	-	-	-	-	-
728	**SOGR**	Kent	BR 2-100A on Denn	10-02100	Road Syster	Bridge	CE	29,800	-	27,204	-	-	-	-	-	-	-	-	-	-
729	**SOGR**	Kent	BR 2-100A on Denn	10-02100	Road Syster	Bridge	C	841,133	-	610,512	-	-	-	-	-	-	-	-	-	-
730	**SOGR**	Kent	BR 2-100A on Denn	10-02100	Road Syster	Bridge	Utilities	35,000	-	45,000	-	-	-	-	-	-	-	-	-	-
731	**SOGR**	Kent	BR 2-100A on Denn	10-02100	Road Syster	Bridge	Contingen	70,757	-	70,757	-	-	-	-	-	-	-	-	-	-
732			**BR 2-100A on Denneys Road over Fork Branch Total**					**1,034,189**	**-**	**753,473**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
733	**SOGR**	Kent	BR 2-114E on Todd	14-02114	Road Syster	Bridge	PE	30,000	3,946	15,784										
734	**SOGR**	Kent	BR 2-114E on Todd	14-02114	Road Syster	Bridge	ROW	12,000	-	-		2,400	9,600							
735	**SOGR**	Kent	BR 2-114E on Todd	14-02114	Road Syster	Bridge	C	360,000				-	-		72,000	288,000				
736			**BR 2-114E on Todds Chapel Road over Quarter Branch Total**					**402,000**	**3,946**	**15,784**	**-**	**2,400**	**9,600**	**-**	**72,000**	**288,000**	**-**	**-**	**-**	**-**
737	**SOGR**	Kent	BR 2-118A on K118	16-02118	Road Syster	Bridge	PE	31,000	31,000	-	-	-	-	-	-	-	-	-	-	-
738	**SOGR**	Kent	BR 2-118A on K118	16-02118	Road Syster	Bridge	ROW	16,000	-	-	-	-	-	-	16,000	-	-	-	-	-
739	**SOGR**	Kent	BR 2-118A on K118	16-02118	Road Syster	Bridge	CE	43,000	-	-	-	-	-	-	-	-	-	8,600	34,400	-
740	**SOGR**	Kent	BR 2-118A on K118	16-02118	Road Syster	Bridge	C	460,000	-	-	-	-	-	-	-	-	-	92,000	368,000	-
741			**BR 2-118A on K118 Coon Den Road over Nanticoke River Total**					**550,000**	**31,000**	**-**	**-**	**-**	**-**	**-**	**16,000**	**-**	**-**	**100,600**	**402,400**	**-**
742	**SOGR**	Kent	BR 2-234A on Lake	14-02234	Road Syster	Bridge	PE	44,000	30,000											
743	**SOGR**	Kent	BR 2-234A on Lake	14-02234	Road Syster	Bridge	ROW	12,000				12,000								
744	**SOGR**	Kent	BR 2-234A on Lake	14-02234	Road Syster	Bridge	C	300,000							300,000					
745			**BR 2-234A on Lake Front Drive over Red House Branch Total**					**356,000**	**30,000**	**-**	**-**	**12,000**	**-**	**-**	**300,000**	**-**	**-**	**-**	**-**	**-**
746	**SOGR**	Kent	BR 2-265B on Spide	13-02265	Road Syster	Bridge	PE	35,200	-	-	-	-	-	-	-	-	-	-	-	-
747	**SOGR**	Kent	BR 2-265B on Spide	13-02265	Road Syster	Bridge	ROW	22,000	-	-	-	-	-	-	-	-	-	-	-	-
748	**SOGR**	Kent	BR 2-265B on Spide	13-02265	Road Syster	Bridge	CE	71,064	14,213	56,851	-	-	-	-	-	-	-	-	-	-
749	**SOGR**	Kent	BR 2-265B on Spide	13-02265	Road Syster	Bridge	C	231,000	38,936	155,745	-	-	-	-	-	-	-	-	-	-
750	**SOGR**	Kent	BR 2-265B on Spide	13-02265	Road Syster	Bridge	Utilities	14,600	2,920	11,680	-	-	-	-	-	-	-	-	-	-
751	**SOGR**	Kent	BR 2-265B on Spide	13-02265	Road Syster	Bridge	Contingen	12,044	2,409	9,535	-	-	-	-	-	-	-	-	-	-
752			**BR 2-265B on Spider Web Road over White Marsh Branch Total**					**385,908**	**58,478**	**233,811**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
753	**SOGR**	Kent	BR 2-275A on Park	15-02275	Road Syster	Bridge	PE	21,000	15,210	-	-	-	-	-	-	-	-	-	-	-
754	**SOGR**	Kent	BR 2-275A on Park	15-02275	Road Syster	Bridge	ROW	23,100	23,100	-	-	-	-	-	-	-	-	-	-	-
755	**SOGR**	Kent	BR 2-275A on Park	15-02275	Road Syster	Bridge	C	207,250	41,450	165,800	-	-	-	-	-	-	-	-	-	-
756			**BR 2-275A on Park Brown Road over Horsepen Arm Ditch Total**					**251,350**	**79,760**	**165,800**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
757	**SOGR**	Kent	BR 2-291A on Ingra	14-02291	Road Syster	Bridge	PE	-												
758	**SOGR**	Kent	BR 2-291A on Ingra	14-02291	Road Syster	Bridge	ROW	12,000	12,000											
759	**SOGR**	Kent	BR 2-291A on Ingra	14-02291	Road Syster	Bridge	C	360,000				360,000								
760			**BR 2-291A on Ingram Branch Road over Prince Prong Total**					**372,000**	**12,000**	**-**	**-**	**360,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
761	**SOGR**	Kent	BR 2-388C on SR 1	13-02388	Road Syster	Bridge	PE	16,727	655	2,618	-	-	-	-	-	-	-	-	-	-
762	**SOGR**	Kent	BR 2-388C on SR 1	13-02388	Road Syster	Bridge	ROW	2,644	200	800	-	-	-	-	-	-	-	-	-	-
763	**SOGR**	Kent	BR 2-388C on SR 1	13-02388	Road Syster	Bridge	CE	30,350	-	30,350	-	-	-	-	-	-	-	-	-	-
764	**SOGR**	Kent	BR 2-388C on SR 1	13-02388	Road Syster	Bridge	C	660,546	-	660,546	-	-	-	-	-	-	-	-	-	-

	A	B	C	D	F	G	I	J	M	N	O	V	W	X	AE	AF	AG	AN	AO	AP
1	Priority	County	Project Title	P6	Category	Class	Phase	Current Estimate	FY16 State Spend	FY16 Fed Spend	FY16 Other Spend	FY17 State Spend	FY17 Fed Spend	FY17 Other Spend	FY18 State Spend	FY18 Fed Spend	FY18 Other Spend	FY19 State Spend	FY19 Fed Spend	FY19 Other Spend
765	SOGR	Kent	BR 2-388C on SR 1	13-02388	Road Syster	Bridge	Utilities	13,350	-	13,350	-	-	-	-	-	-	-	-	-	-
766	SOGR	Kent	BR 2-388C on SR 1	13-02388	Road Syster	Bridge	Contingen	49,896	-	49,896	-	-	-	-	-	-	-	-	-	-
767	SOGR	Kent	BR 2-388C on SR 1	13-02388	Road Syster	Bridge	Maintenan	20,000	20,000	-	-	-	-	-	-	-	-	-	-	-
768			**BR 2-388C on SR 15 Canterbury Road over Ward Branch Total**					**793,513**	**20,855**	**757,561**	-	-	-	-	-	-	-	-	-	-
769	SOGR	Kent	Kent and Sussex Co	14-02126	Road Syster	Bridge	PE	500,000	303,200	-	-	97,270	-	-	-	-	-	-	-	-
770	SOGR	Kent	Kent and Sussex Co	14-02126	Road Syster	Bridge	ROW	50,000	40,000			10,000								
771	SOGR	Kent	Kent and Sussex Co	14-02126	Road Syster	Bridge	CE	460,000	239,502			210,000								
772	SOGR	Kent	Kent and Sussex Co	14-02126	Road Syster	Bridge	C	3,775,000	1,700,000			1,575,000								
773	SOGR	Kent	Kent and Sussex Co	14-02126	Road Syster	Bridge	Utilities	100,000	77,175											
774	SOGR	Kent	Kent and Sussex Co	14-02126	Road Syster	Bridge	Contingen	354,675				354,675								
775			**Kent and Sussex County Pipe Replacements, Open-End, FY 15-17 Total**					**5,239,675**	**2,359,877**	-	-	**2,246,945**	-	-	-	-	-	-	-	-
776	SOGR	Kent	Removal of BR 2-35	13-02222	Road Syster	Bridge	PE	11,000	5,578	-	-	-	-	-	-	-	-	-	-	-
777	SOGR	Kent	Removal of BR 2-35	13-02222	Road Syster	Bridge	ROW	22,000	22,000	-	-	-	-	-	-	-	-	-	-	-
778	SOGR	Kent	Removal of BR 2-35	13-02222	Road Syster	Bridge	C	171,050	-	-	-	171,050	-	-	-	-	-	-	-	-
779			**Removal of BR 2-357P Pedestrian Bridge over St. Jones River Total**					**204,050**	**27,578**	-	-	**171,050**	-	-	-	-	-	-	-	-
780	94	Kent	Dover Facility Bus F	10-12145	Transit Syst	Facilities	PE	96,866	10,366	-	-	20,000	-	-	-	-	-	-	-	-
781	94	Kent	Dover Facility Bus F	10-12145	Transit Syst	Facilities	C	500,000	70,000	280,000	-	35,200	140,800	-	-	-	-	-	-	-
782			**Dover Facility Bus Parking Reconfiguration Total**					**596,866**	**80,366**	**280,000**	-	**55,200**	**140,800**	-	-	-	-	-	-	-
783	SOGR	Kent	Preventive Maintena	07-30223	Transit Syst	Vehicles	Procureme	954,400	-	95,400	23,900	-	95,400	23,900	-	95,400	23,900	-	95,400	23,900
784			**Preventive Maintenance - Kent County Total**					**954,400**	-	**95,400**	**23,900**	-	**95,400**	**23,900**	-	**95,400**	**23,900**	-	**95,400**	**23,900**
785	#	Kent	Transit Vehicle Exp	07-22400	Transit Syst	Vehicles	Procureme	952,900	-	-	-	190,580	762,320	-			-	-	-	-
786			**Transit Vehicle Expansion (2) 40' Low Floor Buses KC FY17 Total**					**952,900**	-	-	-	**190,580**	**762,320**	-	-	-	-	-	-	-
787	#	Kent	Transit Vehicle Exp	07-22432	Transit Syst	Vehicles	Procureme	1,622,500	-	-	-	-		-	-	-	-	324,500	1,298,000	-
788			**Transit Vehicle Expansion (2) 45' OTR KC FY19 Total**					**1,622,500**	-	-	-	-	-	-	-	-	-	**324,500**	**1,298,000**	-
789	#	Kent	Transit Vehicle Exp	07-22410	Transit Syst	Vehicles	Procureme	1,531,400	-	-	-	306,280	1,225,120	-			-	-	-	-
790			**Transit Vehicle Expansion (2) 45' OTR- FY17 Total**					**1,531,400**	-	-	-	**306,280**	**1,225,120**	-	-	-	-	-	-	-
791	SOGR	Kent	Transit Vehicle Rep	12-90020	Transit Syst	Vehicles	Procureme	1,537,200	-	-	-	-	-	-	-	-	-	-	1,537,200	-
792			**Transit Vehicle Replacement (2) 45' OTR Buses KC FY19 Total**					**1,537,200**	-	-	-	-	-	-	-	-	-	-	**1,537,200**	-
793	#	Kent	Transit Vehicle Rep	14-11022	Transit Syst	Vehicles	Procureme	6,364,400	-	-	-	-	-	-			-	-	-	-
794			**Transit Vehicle Replacement (13) 30' Low Floor Buses KC FY21 Total**					**6,364,400**	-	-	-	-	-	-	-	-	-	-	-	-
795	SOGR	Kent	Transit Vehicle Rep	12-90017	Transit Syst	Vehicles	Procureme	1,954,400	-	-	-	-	-	-	-	-	-	-	-	-
796			**Transit Vehicle Replacement (4) 30' Low Floor Buses KC FY20 Total**					**1,954,400**	-	-	-	-	-	-	-	-	-	-	-	-
797	SOGR	Kent	Transit Vehicle Rep	07-22405	Transit Syst	Vehicles	Procureme	10,534,800	-	1,892,000	-	252,200	1,008,800	-	188,920	755,680	-	364,840	1,459,360	-
798			**Transit Vehicle Replacement Paratransit Buses Kent FY16-22 Total**					**10,534,800**	-	**1,892,000**	-	**252,200**	**1,008,800**	-	**188,920**	**755,680**	-	**364,840**	**1,459,360**	-
799	SOGR	Kent	Transit Vehicle Rep	07-22406	Transit Syst	Vehicles	Procureme	521,200	26,300	-	-	113,200	-	-	88,800	-	-	28,800	-	-
800			**Transit Vehicle Replacement Support Vehicles Kent FY16-22 Total**					**521,200**	**26,300**	-	-	**113,200**	-	-	**88,800**	-	-	**28,800**	-	-
801		**Kent Total**						**396,457,183**	**12,523,893**	**55,061,985**	**182,324**	**6,345,269**	**48,710,210**	**23,900**	**5,440,531**	**35,163,612**	**23,900**	**3,715,774**	**16,230,495**	**23,900**

APPENDIX E-B
Listing of Funded Projects

Statewide

APPENDIX E-B: ANNUAL LISTING OF PROJECTS
STATEWIDE

	A	B	C	D	F	G	I	J	M	N	O	V	W	X	AE	AF	AG	AN	AO	AP
1	Priority	County	Project Title	P6	Category	Class	Phase	Current Estimate	FY16 State Spend	FY16 Fed Spend	FY16 Other Spend	FY17 State Spend	FY17 Fed Spend	FY17 Other Spend	FY18 State Spend	FY18 Fed Spend	FY18 Other Spend	FY19 State Spend	FY19 Fed Spend	FY19 Other Spend
1087																				
1088	DED	Statewide	Recreational Trails	07-22613	Road System	Local	Program F	11,682,428	-	1,307,484	326,871	-	1,080,000	270,000	-	905,680	226,420	-	905,680	226,420
1089			**Recreational Trails Total**					**11,682,428**	**-**	**1,307,484**	**326,871**	**-**	**1,080,000**	**270,000**	**-**	**905,680**	**226,420**	**-**	**905,680**	**226,420**
1090	SOGR	Statewide	Bridge Inspection Pr	14-07002	Road System	Bridge	PE	25,200,000	710,801	3,700,000	-	990,000	3,360,000	-	990,000	3,160,000	-	1,080,000	3,520,000	-
1091			**Bridge Inspection Program Total**					**25,200,000**	**710,801**	**3,700,000**	**-**	**990,000**	**3,360,000**	**-**	**990,000**	**3,160,000**	**-**	**1,080,000**	**3,520,000**	**-**
1092	SOGR	Statewide	Bridge Management	05-10003	Road System	Bridge	Program F	33,640,000	939,517	2,880,000	-	920,000	2,680,000	-	1,040,000	3,160,000		1,140,000	3,560,000	-
1093			**Bridge Management Total**					**33,640,000**	**939,517**	**2,880,000**	**-**	**920,000**	**2,680,000**	**-**	**1,040,000**	**3,160,000**	**-**	**1,140,000**	**3,560,000**	**-**
1094	SOGR	Statewide	Bridge Painting Prog	15-07002	Road System	Bridge	C	18,000,000		-			3,000,000			2,000,000		400,000	1,600,000	
1095			**Bridge Painting Program Total**					**18,000,000**	**-**	**-**	**-**	**-**	**3,000,000**	**-**	**-**	**2,000,000**	**-**	**400,000**	**1,600,000**	**-**
1096	SOGR	Statewide	Bridge Design Train	13-99999	Road System	Bridge	PE	1,510,000	-	342,000	-	-	-	-	-	-	-	-	-	-
1097			**Bridge Design Training Program Total**					**1,510,000**	**-**	**342,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1098	SOGR	Statewide	Bridge Preservation	05-10006	Road System	Bridge	Program F	109,087,500	69,000	276,000	-	1,025,000	10,600,000	-	2,900,000	11,600,000	-	5,000,000	15,140,000	-
1099			**Bridge Preservation Program Total**					**109,087,500**	**69,000**	**276,000**	**-**	**1,025,000**	**10,600,000**	**-**	**2,900,000**	**11,600,000**	**-**	**5,000,000**	**15,140,000**	**-**
1100	SOGR	Statewide	Dam Preservation Pr	14-99999	Road System	Bridge	Program F	13,750,000	1,321,000	-	-	750,000	-	1,000,000	750,000	-	-	1,750,000	-	-
1101			**Dam Preservation Program Total**					**13,750,000**	**1,321,000**	**-**	**-**	**750,000**	**-**	**1,000,000**	**750,000**	**-**	**-**	**1,750,000**	**-**	**-**
1102	SOGR	Statewide	Statewide Dam H&H	15-99999	Road System	Bridge	PE	300,000	46,000											
1103			**Statewide Dam H&H Analyses, FY15 Total**					**300,000**	**46,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1104	SOGR	Statewide	Statewide Dam H&H	15-99998	Road System	Bridge	PE	315,000	280,000			32,000								
1105			**Statewide Dam H&H Analyses, FY16 Total**					**315,000**	**280,000**	**-**	**-**	**32,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1106	DED	Statewide	Transportation Alter	05-10048	Road System	Transportation Enhancements	Program F	39,490,100	636,338	4,640,701	-	763,100	3,052,400	-	709,270	2,837,079	-	709,270	2,837,079	-
1107			**Transportation Alternatives Program Total**					**39,490,100**	**636,338**	**4,640,701**	**-**	**763,100**	**3,052,400**	**-**	**709,270**	**2,837,079**	**-**	**709,270**	**2,837,079**	**-**
1108	SOGR	Statewide	Paving and Rehabili	05-10038	Road System	Paving	Program F	596,000,000	61,300,000	21,800,000	-	57,200,000	22,800,000	-	55,200,000	19,800,000	-	54,200,000	20,800,000	-
1109			**Paving and Rehabilitation Total**					**596,000,000**	**61,300,000**	**21,800,000**	**-**	**57,200,000**	**22,800,000**	**-**	**55,200,000**	**19,800,000**	**-**	**54,200,000**	**20,800,000**	**-**
1110	SOGR	Statewide	Signage and Paveme	05-10045	Road System	Signage & Pavement Markings	Program F	30,458,000	4,000,000	1,482,513	-	2,000,000	1,482,513	-	2,000,000	1,482,513	-	2,772,000	1,000,000	-
1111			**Signage and Pavement Markings Total**					**30,458,000**	**4,000,000**	**1,482,513**	**-**	**2,000,000**	**1,482,513**	**-**	**2,000,000**	**1,482,513**	**-**	**2,772,000**	**1,000,000**	**-**
1112	SOGR	Statewide	Materials and Minor	05-10031	Road System	Materials & Minor Contracts	Program F	52,929,000	7,309,695	-	-	8,000,000	-	-	8,000,000	-	-	8,000,000	-	-
1113			**Materials and Minor Contracts Total**					**52,929,000**	**7,309,695**	**-**	**-**	**8,000,000**	**-**	**-**	**8,000,000**	**-**	**-**	**8,000,000**	**-**	**-**
1114	DED	Statewide	Rail Crossing Safety	05-10040	Road System	Rail Crossing Safety	PD	711,000	9,000	81,000	-	9,000	81,000	-	9,000	81,000	-	9,000	81,000	-
1115	DED	Statewide	Rail Crossing Safety	05-10040	Road System	Rail Crossing Safety	C	11,387,122	260,589	1,161,111	-	260,589	1,161,111	-	321,500	1,100,000	-	321,500	1,100,000	-
1116			**Rail Crossing Safety Total**					**12,098,122**	**269,589**	**1,242,111**	**-**	**269,589**	**1,242,111**	**-**	**330,500**	**1,181,000**	**-**	**330,500**	**1,181,000**	**-**
1117	SOGR	Statewide	Statewide Railroad I	09-61922	Road System	Rail Crossing Safety	C	400,000	-	-	-	-	-	-	-	-	-	-	-	-
1118	SOGR	Statewide	Statewide Railroad I	09-61922	Road System	Rail Crossing Safety	Utilities	5,500,000	400,000	-	-	100,000	-	-	100,000	-	-	100,000	-	-
1119			**Statewide Railroad Rideability Program Total**					**5,900,000**	**400,000**	**-**	**-**	**100,000**	**-**	**-**	**100,000**	**-**	**-**	**100,000**	**-**	**-**
1120	SOGR	Statewide	Hazard Elimination	10-10006	Road System	Safety	Program F	19,722,554	1,528,255	2,126,143		244,444	2,200,000		244,444	2,200,000		244,444	2,200,000	
1121			**Hazard Elimination Program Total**					**19,722,554**	**1,528,255**	**2,126,143**	**-**	**244,444**	**2,200,000**	**-**	**244,444**	**2,200,000**	**-**	**244,444**	**2,200,000**	**-**
1122	SOGR	Statewide	High Risk Rural Roa	10-10007	Road System	Safety	Program F	1,656,550		805,000			211,194			296,824				
1123			**High Risk Rural Roads Program Total**					**1,656,550**	**-**	**805,000**	**-**	**-**	**211,194**	**-**	**-**	**296,824**	**-**	**-**	**-**	**-**
1124	SOGR	Statewide	Safety Program 80/2	16-99998	Road System	Safety	C	9,750,000										450,000	1,800,000	
1125			**Safety Program 80/20 Total**					**9,750,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**450,000**	**1,800,000**	**-**
1126	SOGR	Statewide	Safety Program 90/1	16-99997	Road System	Safety	ROW	888,889		-	-		-	-		-	-	88,889	800,000	-
1127	SOGR	Statewide	Safety Program 90/1	16-99997	Road System	Safety	C	13,144,443		-	-		-	-		-	-	344,444	3,100,000	-
1128			**Safety Program 90/10 Total**					**14,033,332**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**433,333**	**3,900,000**	**-**
1129	SOGR	Statewide	Section 154 Penalty	14-11002	Road System	Safety	Program F	18,560,740		3,123,665			2,265,000			2,265,000			2,265,000	
1130			**Section 154 Penalty Transfer (Sanction) Program Total**					**18,560,740**	**-**	**3,123,665**	**-**	**-**	**2,265,000**	**-**	**-**	**2,265,000**	**-**	**-**	**2,265,000**	**-**
1131	MGT	Statewide	Traffic Calming	05-10047	Road System	Traffic Calming	Program F	3,050,464	150,952	-	-	150,000	-	-	150,000	-	-	150,000	-	-
1132			**Traffic Calming Total**					**3,050,464**	**150,952**	**-**	**-**	**150,000**	**-**	**-**	**150,000**	**-**	**-**	**150,000**	**-**	**-**
1133	SOGR	Statewide	Intersection Improve	05-10030	Road System	Intersection Improvements	Program F	37,125,000	3,652,286	2,655,085	600,000	2,500,000	2,000,000	600,000	2,500,000	2,000,000	600,000	2,500,000	2,000,000	600,000
1134			**Intersection Improvements Total**					**37,125,000**	**3,652,286**	**2,655,085**	**600,000**	**2,500,000**	**2,000,000**	**600,000**	**2,500,000**	**2,000,000**	**600,000**	**2,500,000**	**2,000,000**	**600,000**
1135	REQ	Statewide	Engineering and Co	05-10188	Road System	Engineering & Contingency	Program F	205,855,000	27,595,000	-	-	26,845,000	-	-	26,845,000	-	-	26,845,000	-	-
1136			**Engineering and Contingency Total**					**205,855,000**	**27,595,000**	**-**	**-**	**26,845,000**	**-**	**-**	**26,845,000**	**-**	**-**	**26,845,000**	**-**	**-**
1137	REQ	Statewide	Environmental Impr	05-10029	Road System	Engineering & Contingency	Planning	4,718,500	636,759	18,000	-	695,000	18,000	-	560,000	18,000	-	545,000	18,000	-
1138			**Environmental Improvements Total**					**4,718,500**	**636,759**	**18,000**	**-**	**695,000**	**18,000**	**-**	**560,000**	**18,000**	**-**	**545,000**	**18,000**	**-**
1139	SOGR	Statewide	Corridor Capacity P	05-10001	Road System	OTHER	ROW	18,000,000	1,000,000			1,000,000			1,000,000			1,000,000		
1140			**Corridor Capacity Preservation Total**					**18,000,000**	**1,000,000**	**-**	**-**	**1,000,000**	**-**	**-**	**1,000,000**	**-**	**-**	**1,000,000**	**-**	**-**
1141	MGT	Statewide	Bicycle, Pedestrian a	05-10007	Road System	Bicycle/Pedestrian	C	18,736,000	1,074,241	2,822,098	-	800,000	3,200,000	-	800,000	3,200,000	-	800,000	3,200,000	-
1142			**Bicycle, Pedestrian and other Improvements Total**					**18,736,000**	**1,074,241**	**2,822,098**	**-**	**800,000**	**3,200,000**	**-**	**800,000**	**3,200,000**	**-**	**800,000**	**3,200,000**	**-**
1143	DED	Statewide	Safe Routes to Scho	07-22601	Road System	Planning	Program F	4,182,073	750	1,327,261	-	1,750	726,769	-	-	300,000	-	-		-
1144			**Safe Routes to School Total**					**4,182,073**	**750**	**1,327,261**	**-**	**1,750**	**726,769**	**-**	**-**	**300,000**	**-**	**-**	**-**	**-**
1145	DED	Statewide	Scenic Byways	10-00010	Road System	Planning	Program F	1,918,750	4,000	681,127	-	50,000	-	-	50,000	-	-	50,000	-	-
1146			**Scenic Byways Total**					**1,918,750**	**4,000**	**681,127**	**-**	**50,000**	**-**	**-**	**50,000**	**-**	**-**	**50,000**	**-**	**-**
1147	SOGR	Statewide	Industrial Streets	16-99996	Road Systems		Program F	500,000	250,000			250,000								
1148			**Industrial Streets Total**					**500,000**	**250,000**	**-**	**-**	**250,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1149	DED	Statewide	Education and Train	11-10304	Support Sys	Engineering & Contingency	Audit	1,600,000	-	313,179	-	-	200,000	-	-	200,000	-	-	200,000	-
1150			**Education and Training Total**					**1,600,000**	**-**	**313,179**	**-**	**-**	**200,000**	**-**	**-**	**200,000**	**-**	**-**	**200,000**	**-**
1151	DED	Statewide	Aeronautics Plannin	07-22611	Support Sys	Aeronautics	Program F	1,612,000	16,000	160,000	-	21,000	189,000	-	21,000	189,000	-	21,000	189,000	-
1152			**Aeronautics Planning Total**					**1,612,000**	**16,000**	**160,000**	**-**	**21,000**	**189,000**	**-**	**21,000**	**189,000**	**-**	**21,000**	**189,000**	**-**
1153	DED	Statewide	Aeronautics Progran	07-22610	Support Sys	Aeronautics	Program F	8,923,427	280,000	-	-	500,000	-	-	280,000	-	-	280,000	-	-
1154			**Aeronautics Program Development Total**					**8,923,427**	**280,000**	**-**	**-**	**500,000**	**-**	**-**	**280,000**	**-**	**-**	**280,000**	**-**	**-**
1155	SOGR	Statewide	Heavy Equipment P	05-10185	Support Sys	Heavy Equipment	Program F	76,388,000	20,000,000	-	-	10,000,000	-	-	10,000,000	-	-	10,000,000	-	-
1156			**Heavy Equipment Program Total**					**76,388,000**	**20,000,000**	**-**	**-**	**10,000,000**	**-**	**-**	**10,000,000**	**-**	**-**	**10,000,000**	**-**	**-**
1157	MGT	Statewide	Federal Land Access	15-99300	Support Sys	Planning	Program F	180,000	6,000	24,000		6,000	24,000		6,000	24,000		6,000	24,000	
1158			**Federal Land Access Program Total**					**180,000**	**6,000**	**24,000**	**-**	**6,000**	**24,000**	**-**	**6,000**	**24,000**	**-**	**6,000**	**24,000**	**-**
1159	DED	Statewide	Local Transportation	07-22605	Support Sys	Planning	Program F	2,641,285	172,395	179,580	-	170,000	170,000	-	170,000	170,000	-	170,000	170,000	-
1160			**Local Transportation Assistance Program Total**					**2,641,285**	**172,395**	**179,580**	**-**	**170,000**	**170,000**	**-**	**170,000**	**170,000**	**-**	**170,000**	**170,000**	**-**
1161	DED	Statewide	Metropolitan Planni	07-22603	Support Sys	Planning	Program F	16,830,064	423,848	1,695,391	-	423,848	1,695,391	-	423,848	1,695,391	-	423,848	1,695,391	-
1162			**Metropolitan Planning Organization / FHWA Total**					**16,830,064**	**423,848**	**1,695,391**	**-**	**423,848**	**1,695,391**	**-**	**423,848**	**1,695,391**	**-**	**423,848**	**1,695,391**	**-**
1163	DED	Statewide	Metropolitan Planni	07-22604	Support Sys	Planning	Program F	3,652,150	93,650	374,600	-	93,650	374,600	-	93,650	374,600	-	93,600	374,600	-
1164			**Metropolitan Planning Organization / FTA Total**					**3,652,150**	**93,650**	**374,600**	**-**	**93,650**	**374,600**	**-**	**93,650**	**374,600**	**-**	**93,600**	**374,600**	**-**

APPENDIX E-B: ANNUAL LISTING OF PROJECTS
STATEWIDE

	A	B	C	D	F	G	I	J	M	N	O	V	W	X	AE	AF	AG	AN	AO	AP
1	Priority	County	Project Title	P6	Category	Class	Phase	Current Estimate	FY16 State Spend	FY16 Fed Spend	FY16 Other Spend	FY17 State Spend	FY17 Fed Spend	FY17 Other Spend	FY18 State Spend	FY18 Fed Spend	FY18 Other Spend	FY19 State Spend	FY19 Fed Spend	FY19 Other Spend
1165	REQ	Statewide	Pedestrian ADA Acc	14-22614	Support Sys	Planning	Program F	18,000,000	3,000,000	-	-	3,000,000	-	-	3,000,000	-	-	3,000,000	-	-
1166			**Pedestrian ADA Accessibility Total**					**18,000,000**	**3,000,000**	**-**	**-**	**3,000,000**	**-**	**-**	**3,000,000**	**-**	**-**	**3,000,000**	**-**	**-**
1167	MGT	Statewide	Planning Program D	07-22602	Support Sys	Planning	Program F	14,780,000	2,522,427	-	-	2,000,000	-	-	2,000,000	-	-	2,000,000	-	-
1168			**Planning Program Development Total**					**14,780,000**	**2,522,427**	**-**	**-**	**2,000,000**	**-**	**-**	**2,000,000**	**-**	**-**	**2,000,000**	**-**	**-**
1169	DED	Statewide	Rural Technical Ass	07-22606	Support Sys	Planning	Program F	625,600	-	78,200	-	-	78,200	-	-	78,200	-	-	78,200	-
1170			**Rural Technical Assistance Program Total**					**625,600**	**-**	**78,200**	**-**	**-**	**78,200**	**-**	**-**	**78,200**	**-**	**-**	**78,200**	**-**
1171	DED	Statewide	Statewide Planning &	07-22608	Support Sys	Planning	Program F	26,070,400	761,155	3,406,750	-	659,250	2,637,000	-	659,250	2,637,000	-	659,250	2,637,000	-
1172			**Statewide Planning & Research Program / FHWA Total**					**26,070,400**	**761,155**	**3,406,750**	**-**	**659,250**	**2,637,000**	**-**	**659,250**	**2,637,000**	**-**	**659,250**	**2,637,000**	**-**
1173	DED	Statewide	Statewide Planning &	07-22609	Support Sys	Planning	Planning	994,400	24,850	99,400	-	24,850	99,400	-	24,850	99,400	-	24,850	99,400	-
1174			**Statewide Planning & Research Program / FTA Total**					**994,400**	**24,850**	**99,400**	**-**	**24,850**	**99,400**	**-**	**24,850**	**99,400**	**-**	**24,850**	**99,400**	**-**
1175	REQ	Statewide	Truck Weigh Enforc	14-22615	Support Sys	Planning	Program F	3,160,000	395,000	-	-	395,000	-	-	395,000	-	-	395,000	-	-
1176			**Truck Weigh Enforcement Total**					**3,160,000**	**395,000**	**-**	**-**	**395,000**	**-**	**-**	**395,000**	**-**	**-**	**395,000**	**-**	**-**
1177	MGT	Statewide	University Research	14-22616	Support Sys	Planning	Program F	2,000,000	250,000	-	-	250,000	-	-	250,000	-	-	250,000	-	-
1178			**University Research Program Total**					**2,000,000**	**250,000**	**-**	**-**	**250,000**	**-**	**-**	**250,000**	**-**	**-**	**250,000**	**-**	**-**
1179	DED	Statewide	Disadvantaged Busi	09-22100	Support Sys	Technology	Program F	1,309,660	-	279,660	-	-	125,000	-	-	125,000	-	-	125,000	-
1180			**Disadvantaged Business Enterprise Total**					**1,309,660**	**-**	**279,660**	**-**	**-**	**125,000**	**-**	**-**	**125,000**	**-**	**-**	**125,000**	**-**
1181	SOGR	Statewide	DMV Mainframe M	13-23456	Support Sys	Technology	IT Develo	19,000,000	3,500,000	-	-	3,000,030	-	-	3,400,000	-	-	1,000,000	-	-
1182			**DMV Mainframe Modernization Project FY2013 Total**					**19,000,000**	**3,500,000**	**-**	**-**	**3,000,030**	**-**	**-**	**3,400,000**	**-**	**-**	**1,000,000**	**-**	**-**
1183	MGT	Statewide	Enterprise Documen	13-34567	Support Sys	Technology	Program F	2,492,905	150,000	-	-	-	-	-	-	-	-	-	-	-
1184			**Enterprise Document Management Total**					**2,492,905**	**150,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1185	SOGR	Statewide	Information Technol	09-12345	Support Sys	Technology	Program F	60,600,000	10,000,000	-	-	11,000,000	-	-	11,000,000	-	-	12,000,000	-	-
1186			**Information Technology Initiatives Program Total**					**60,600,000**	**10,000,000**	**-**	**-**	**11,000,000**	**-**	**-**	**11,000,000**	**-**	**-**	**12,000,000**	**-**	**-**
1187	DED	Statewide	On the Job Training	11-22190	Support Sys	Technology	Program F	821,511	-	110,255	-	-	100,000	-	-	100,000	-	-	100,000	-
1188			**On the Job Training / Supportive Services Total**					**821,511**	**-**	**110,255**	**-**	**-**	**100,000**	**-**	**-**	**100,000**	**-**	**-**	**100,000**	**-**
1189	DED	Statewide	Summer Transportat	10-11101	Support Sys	Technology	Program F	544,250	13,750	55,000	-	13,750	55,000	-	13,750	55,000	-	13,750	55,000	-
1190			**Summer Transportation Institute Program Total**					**544,250**	**13,750**	**55,000**	**-**	**13,750**	**55,000**	**-**	**13,750**	**55,000**	**-**	**13,750**	**55,000**	**-**
1191	SOGR	Statewide	DMV Toll Equipme	16-99999	Support Sys	Transportation Facilities	Program F	15,000,000	-	-	-	5,000,000	-	-	5,000,000	-	-	5,000,000		-
1192			**DMV Toll Equipment Upgrade Total**					**15,000,000**	**-**	**-**	**-**	**5,000,000**	**-**	**-**	**5,000,000**	**-**	**-**	**5,000,000**	**-**	**-**
1193	SOGR	Statewide	Transportation Facil	09-20145	Support Sys	Transportation Facilities	Program F	17,062,970	718,289	-	-	700,000	-	-	800,000	-	-	800,000	-	-
1194			**Transportation Facilities - Administration Total**					**17,062,970**	**718,289**	**-**	**-**	**700,000**	**-**	**-**	**800,000**	**-**	**-**	**800,000**	**-**	**-**
1195	SOGR	Statewide	Transportation Facil	05-10067	Support Sys	Transportation Facilities	Program F	44,468,664	8,966,949	-	-	6,000,000	-	-	6,000,000	-	-	6,000,000	-	-
1196			**Transportation Facilities - Operations Total**					**44,468,664**	**8,966,949**	**-**	**-**	**6,000,000**	**-**	**-**	**6,000,000**	**-**	**-**	**6,000,000**	**-**	**-**
1197	MGT	Statewide	Traffic Signal Revol	11-19001	Support Sys	Transportation Mgmt Improvemen	Traffic	1,544,400	125,000	-	-	125,000	-	-	125,000	-	-	125,000	-	-
1198			**Traffic Signal Revolving Fund Program Total**					**1,544,400**	**125,000**	**-**	**-**	**125,000**	**-**	**-**	**125,000**	**-**	**-**	**125,000**	**-**	**-**
1199	REQ	Statewide	MUTCD Compliance	13-10046	Support Sys	Transportation Mgmt Improvemen	Traffic	24,000,000	-	3,046,186	-	-	3,453,814	-	400,000	1,600,000	-	400,000	1,600,000	-
1200			**MUTCD Compliance Program Total**					**24,000,000**	**-**	**3,046,186**	**-**	**-**	**3,453,814**	**-**	**400,000**	**1,600,000**	**-**	**400,000**	**1,600,000**	**-**
1201	MGT	Statewide	Rideshare Program /	07-22612	Support Sys	Transportation Mgmt Improvemen	Program F	3,660,000		360,000	90,000		360,000	90,000		360,000	90,000		360,000	90,000
1202			**Rideshare Program / Trip Mitigation Total**					**3,660,000**	**-**	**360,000**	**90,000**	**-**	**360,000**	**90,000**	**-**	**360,000**	**90,000**	**-**	**360,000**	**90,000**
1203	MGT	Statewide	Transportation Mana	05-10186	Support Sys	Transportation Mgmt Improvemen	Program F	52,760,000	1,242,149	4,968,594	-	1,475,000	5,900,000	-	1,475,000	5,900,000	-	1,475,000	5,900,000	-
1204			**Transportation Management Improvements Total**					**52,760,000**	**1,242,149**	**4,968,594**	**-**	**1,475,000**	**5,900,000**	**-**	**1,475,000**	**5,900,000**	**-**	**1,475,000**	**5,900,000**	**-**
1205	SOGR	Statewide	Bus Shelter Glass Re	12-11231	Transit Syst	Facilities	C	1,025,000	34,770	139,080	-	-	-	-	-	-	-	-	-	-
1206			**Bus Shelter Glass Replacement - FTA State of Good Repair Grant Total**					**1,025,000**	**34,770**	**139,080**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1207	SOGR	Statewide	Bus Stop ADA Acce	12-11232	Transit Syst	Facilities	CE	1,000	-	-	-	-	-	-	-	-	-	-	-	-
1208	SOGR	Statewide	Bus Stop ADA Acce	12-11232	Transit Syst	Facilities	C	1,443,240	-	-	-	-	-	-	-	-	-	-	-	-
1209	SOGR	Statewide	Bus Stop ADA Acce	12-11232	Transit Syst	Facilities	Contingen	333,537	33,115	298,039	-	-	-	-	-	-	-	-	-	-
1210			**Bus Stop ADA Accessibility - FTA State of Good Repair Grant Total**					**1,777,777**	**33,115**	**298,039**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1211	SOGR	Statewide	Bus Stop Improveme	05-10501	Transit Syst	Facilities	Program F	6,140,000	500,000	-	-	500,000	-	-	1,000,000	-	-	100,000	-	-
1212			**Bus Stop Improvement Program Total**					**6,140,000**	**500,000**	**-**	**-**	**500,000**	**-**	**-**	**1,000,000**	**-**	**-**	**100,000**	**-**	**-**
1213	SOGR	Statewide	CAD/AVL Modem U	14-43114	Transit Syst	Facilities	Program F	825,000				500,000			225,000			100,000		
1214			**CAD/AVL Modem Upgrade Total**					**825,000**	**-**	**-**	**-**	**500,000**	**-**	**-**	**225,000**	**-**	**-**	**100,000**	**-**	**-**
1215	SOGR	Statewide	CAD/AVL System a	14-43314	Transit Syst	Facilities	Procureme	1,150,000							475,000			475,000		
1216			**CAD/AVL System and Trapeze Upgrade Total**					**1,150,000**	**-**	**-**	**-**	**-**	**-**	**-**	**475,000**	**-**	**-**	**475,000**	**-**	**-**
1217	SOGRx	Statewide	Call Center Recorde	14-43514	Transit Syst	Facilities	PD	60,000	30,000			30,000								
1218			**Call Center Recorder and Upgrade Total**					**60,000**	**30,000**	**-**	**-**	**30,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1219	SOGRx	Statewide	Fuel Management So	12-11238	Transit Syst	Facilities	C	1,350,000	350,000			500,000			500,000					
1220			**Fuel Management Software System Total**					**1,350,000**	**350,000**	**-**	**-**	**500,000**	**-**	**-**	**500,000**	**-**	**-**	**-**	**-**	**-**
1221	SOGRx	Statewide	Statewide Transit Sa	14-30714	Transit Syst	Facilities	Procureme	3,625,000	500,000			500,000			500,000			500,000		
1222			**Statewide Transit Safety and Security Improvements Total**					**3,625,000**	**500,000**	**-**	**-**	**500,000**	**-**	**-**	**500,000**	**-**	**-**	**500,000**	**-**	**-**
1223	SOGR	Statewide	Transit Facility Min	15-52715	Transit Syst	Facilities	Program F	3,500,000	500,000	-	-	500,000	-	-	500,000	-	-	500,000	-	-
1224			**Transit Facility Minor Capital Projects Total**					**3,500,000**	**500,000**	**-**	**-**	**500,000**	**-**	**-**	**500,000**	**-**	**-**	**500,000**	**-**	**-**
1225	SOGRx	Statewide	Transit Systems Equ	14-43414	Transit Syst	Facilities	PD	200,000	40,000			40,000			40,000			40,000		
1226			**Transit Systems Equipment Total**					**200,000**	**40,000**	**-**	**-**	**40,000**	**-**	**-**	**40,000**	**-**	**-**	**40,000**	**-**	**-**
1227	SOGRx	Statewide	Yard Management S	14-43214	Transit Syst	Facilities	PD	1,100,000							500,000			300,000		
1228			**Yard Management System & Equipment Total**					**1,100,000**	**-**	**-**	**-**	**-**	**-**	**-**	**500,000**	**-**	**-**	**300,000**	**-**	**-**
1229	SOGR	Statewide	Propane Fueling Sta	16-72402	Transit Syst	Facilities	C	300,000	300,000											
1230			**Propane Fueling Stations Total**					**300,000**	**300,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1231	SOGR	Statewide	Inventory Bar coding	16-72403	Transit Syst	Facilities	C	160,000	160,000											
1232			**Inventory Bar coding Total**					**160,000**	**160,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1233	SOGR	Statewide	Crontrol Center Disp	14-30614	Transit Syst	Facilities	C	340,000	340,000											
1234			**Crontrol Center Dispatch Statewide Total**					**340,000**	**340,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1235	FUND	Statewide	Rail Preservation	05-30392	Transit Syst	Rail	C	3,800,000	300,000	-	-	300,000	-	-	300,000	-	-	300,000	-	-
1236			**Rail Preservation Total**					**3,800,000**	**300,000**	**-**	**-**	**300,000**	**-**	**-**	**300,000**	**-**	**-**	**300,000**	**-**	**-**
1237	SOGR	Statewide	CAD/AVL	06-19221	Transit Syst	Vehicles	Procureme	9,835,451	377,000	1,508,000	-	100,000	400,000	-	-	-	-	-	-	-
1238			**CAD/AVL Total**					**9,835,451**	**377,000**	**1,508,000**	**-**	**100,000**	**400,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1239	SOGR	Statewide	Fare Collection Impr	14-41914	Transit Syst	Vehicles	Procureme	3,000,000				1,500,000								
1240			**Fare Collection Improvements Total**					**3,000,000**	**-**	**-**	**-**	**1,500,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1241	DED	Statewide	Job Access Reverse	08-70008	Transit Syst	Vehicles	Program F	5,454,816	-	340,926	340,926	-	340,926	340,926	-	340,926	340,926	-	340,926	340,926
1242			**Job Access Reverse Commute (JARC) Program Total**					**5,454,816**	**-**	**340,926**	**340,926**	**-**	**340,926**	**340,926**	**-**	**340,926**	**340,926**	**-**	**340,926**	**340,926**

APPENDIX E-B: ANNUAL LISTING OF PROJECTS
STATEWIDE

	A	B	C	D	F	G	I	J	M	N	O	V	W	X	AE	AF	AG	AN	AO	AP
1	Priority	County	Project Title	P6	Category	Class	Phase	Current Estimate	FY16 State Spend	FY16 Fed Spend	FY16 Other Spend	FY17 State Spend	FY17 Fed Spend	FY17 Other Spend	FY18 State Spend	FY18 Fed Spend	FY18 Other Spend	FY19 State Spend	FY19 Fed Spend	FY19 Other Spend
1243	**SOGR**	Statewide	Maintenance Equipn	05-02043	Transit Syst	Vehicles	Procureme	1,287,900	142,500	-	-	126,500	-	-	194,200	-	-	194,200	-	-
1244			**Maintenance Equipment and Tools (Transit) Program Total**					**1,287,900**	**142,500**	-	-	**126,500**	-	-	**194,200**	-	-	**194,200**	-	-
1245	**DED**	Statewide	New Freedom Progr	09-19005	Transit Syst	Vehicles	Planning	4,069,290	257,736	257,736	-	257,736	257,736	-	257,736	257,736	-	257,736	257,736	-
1246			**New Freedom Program Statewide 50/50 Total**					**4,069,290**	**257,736**	**257,736**	-	**257,736**	**257,736**	-	**257,736**	**257,736**	-	**257,736**	**257,736**	-
1247	**SOGR**	Statewide	Radio Replacment (I	16-24816	Transit Syst	Vehicles	Procureme	1,172,000				245,300								
1248			**Radio Replacment (Hand Held) Total**					**1,172,000**	-	-	-	**245,300**	-	-	-	-	-	-	-	-
1249	**SOGRx**	Statewide	Taxi Pilot Equipmen	14-41814	Transit Syst	Vehicles	Procureme	420,000	140,000			140,000								
1250			**Taxi Pilot Equipment Start-up Total**					**420,000**	**140,000**	-	-	**140,000**	-	-	-	-	-	-	-	-
1251	**MGT**	Statewide	Transit Vehicle Repl	11-53101	Transit Syst	Vehicles	Procureme	9,366,448	76,526	1,579,686	-	-	470,451	-	117,613	470,451	-	117,613	470,451	-
1252			**Transit Vehicle Replacement 5310 Program - Statewide Total**					**9,366,448**	**76,526**	**1,579,686**	-	-	**470,451**	-	**117,613**	**470,451**	-	**117,613**	**470,451**	-
1253	**SOGRx**	Statewide	Paratransit Replacen	14-11015	Transit Syst	Vehicles	Procureme	2,921,400	973,800	973,800										
1254			**Paratransit Replacement Buses FY15 (11) Total**					**2,921,400**	**973,800**	**973,800**	-	-	-	-	-	-	-	-	-	-
1255	**SOGR**	Statewide	Transit Vehicles - Su	09-11002	Transit Syst	Vehicles	Procureme	349,500	25,335	-	-	-	-	-	-	-	-	-	-	-
1256			**Transit Vehicles - Support Vehicles - Statewide Total**					**349,500**	**25,335**	-	-	-	-	-	-	-	-	-	-	-
1257	**SOGR**	Statewide	Community Transpo	05-10050	Grants & Al	Community Transportation	Program F	119,100,000	16,750,000			16,750,000			16,750,000			16,750,000		
1258			**Community Transportation Program Total**					**119,100,000**	**16,750,000**	-	-	**16,750,000**	-	-	**16,750,000**	-	-	**16,750,000**	-	-
1259	**SOGR**	Statewide	Municipal Street Aid	10-12219	Grants & Al	Municipal Streets	Program F	30,000,000	5,000,000	-	-	5,000,000	-	-	5,000,000	-	-	5,000,000	-	-
1260			**Municipal Street Aid Total**					**30,000,000**	**5,000,000**	-	-	**5,000,000**	-	-	**5,000,000**	-	-	**5,000,000**	-	-
1261		**Statewide Total**						**1,941,220,382**	**192,666,427**	**71,477,250**	**1,357,797**	**176,432,797**	**76,848,506**	**2,300,926**	**176,066,111**	**71,082,800**	**1,257,346**	**177,271,394**	**80,603,463**	**1,257,346**

APPENDIX F
Population and Employment Estimates
ADOPTED 9-3-2014

APPENDIX F: Population and Household Projections

P:\Data & Demo Subcomm\2013 Data manipulation\DATA\DPC 2013 KC Recommended Distribution

Traffic Analysis Zone Identifyer	2013 Proposed 2010 Population	2013 Proposed 2020 Population Projections	2013 Proposed 2030 Population Projections	2013 Proposed 2040 Population Projections	2013 Proposed 2010 Households	2013 Proposed 2020 Households	2013 Proposed 2030 Households	2013 Proposed 2040 Households
K001	262	244	260	269	90	91	95	100
K002	1472	1437	1573	1556	504	534	576	578
K003	1172	1325	1560	1466	401	492	572	545
K004	712	771	876	910	244	287	321	338
K005	837	955	1015	1004	287	355	372	373
K006	74	72	77	80	26	27	29	30
K007	278	396	450	468	97	150	168	177
K008	1662	1807	1903	1844	574	678	703	692
K009	1863	1823	1958	2034	649	691	731	770
K010	617	629	688	715	230	257	276	292
K011	182	177	188	195	67	71	75	79
K012	2002	2223	2549	2647	747	907	1024	1081
K013	509	546	615	638	188	220	244	257
K014	1035	1127	1293	1343	360	427	482	509
K015	158	153	163	170	58	62	65	68
K016	1738	1727	1890	1907	605	654	705	722
K017	638	678	742	771	222	257	277	292
K018	1581	1758	1924	1808	551	666	718	685
K019	110	108	115	119	39	42	44	46
K020	827	1154	1479	1536	303	461	582	615
K021	741	767	840	847	265	299	322	330
K022	242	345	363	359	86	134	139	140
K023	477	478	508	528	178	195	204	215
K024	2976	3353	3915	4259	1118	1380	1585	1753
K025	248	297	365	650	93	122	148	267
K026	424	455	498	517	158	186	200	211
K027	796	819	896	931	297	334	360	380
K029	869	1061	1317	1172	310	413	505	456

K054	152	148	157	163	59	64	67	70
K055	264	256	273	283	104	111	116	122
K056	457	525	575	597	179	226	244	257
K057	637	636	717	666	250	274	304	287
K058	336	329	354	367	132	142	150	158
K059	1585	1571	1687	1669	622	677	715	719
K060	225	218	232	241	91	97	101	107
K074	1827	1894	2073	2153	731	834	897	948
K075	2506	2500	2711	2681	1002	1101	1174	1181
K076	953	934	993	1031	524	587	609	648
K077	736	729	775	805	304	334	349	368
K078	213	210	223	232	91	101	105	110
K079	2018	1967	2092	2172	790	852	890	934
K080	1952	1904	2025	2103	787	850	888	935
K081	272	302	353	465	112	138	158	212
K082	917	899	956	993	386	419	437	463
K083	1029	1010	1074	1115	408	441	461	487
K084	714	703	747	776	284	308	321	340
K085	169	165	175	182	72	79	82	87
K086	196	190	203	511	82	89	93	238
K087	2489	2809	3016	3610	1004	1254	1323	1604
K088	4084	4219	4619	4797	1512	1722	1855	1942
K089	1268	1349	1547	1607	470	546	616	651
K090	1000	1108	1293	1343	370	448	515	544
K091	2131	2140	2298	2386	833	922	974	1024
K092	2021	2111	2355	2446	751	869	954	994
K093	2002	2045	2239	2325	751	845	910	955
K094	1622	1737	1992	2069	557	648	732	772
K095	840	934	1091	1133	296	358	412	434
K096	2347	2631	3073	3191	809	986	1134	1195
K097	1688	1649	1754	1821	582	622	652	682
K098	1964	1914	2036	2114	691	739	774	810
K099	2200	2144	2280	2368	791	848	887	929
K100	342	342	374	388	123	134	144	152
K101	363	354	377	391	131	139	145	153

K102	281	312	365	379	101	123	141	149
K103	1395	1551	1811	1881	462	556	640	674
K104	845	849	921	956	304	333	355	375
K105	347	385	450	934	125	151	174	366
K106	1097	1217	1545	1576	395	477	597	618
K107	3110	3076	3303	3430	1225	1337	1412	1485
K108	565	565	601	625	197	214	224	237
K109	319	321	351	365	112	122	132	139
K110	575	639	747	775	214	260	299	315
K111	285	291	318	331	105	117	126	133
K112	279	290	323	335	103	117	128	135
K113	226	220	234	243	78	82	86	91
K114	184	178	190	197	72	77	80	85
K115	1661	1841	2092	2172	687	840	938	992
K116	250	270	293	304	103	123	131	139
K117	45	48	51	53	18	21	22	23
K118	49	50	55	55	20	22	24	25
K119	32	31	33	34	13	14	14	15
K120	284	280	301	313	88	93	99	104
K121	786	780	837	869	242	259	274	289
K122	524	562	639	663	181	211	236	248
K123	2129	2347	2740	2846	705	841	968	1020
K124	1281	1497	1810	1880	466	594	707	746
K125	1685	2129	2441	2632	628	869	980	1074
K126	392	432	495	514	151	182	205	217
K127	669	651	693	720	257	275	287	304
K128	313	324	362	376	117	132	145	153
K129	1608	1727	1890	1907	598	702	756	775
K130	205	265	348	567	79	112	144	239
K131	375	417	487	506	136	164	189	199
K132	1296	1416	1654	1717	477	570	655	691
K133	987	1219	1487	1397	367	496	596	569
K134	930	1192	1517	1575	336	469	588	620
K139	1996	2211	2582	2681	756	929	1067	1113
K142	1029	1025	1122	1465	390	427	460	608

K207	443	475	614	820	170	201	255	346
K208	480	520	612	636	182	216	250	264
K209	638	708	827	858	246	301	346	362
K210	440	564	717	958	165	232	290	394
K211	562	598	680	1143	211	246	275	470
K212	308	410	526	546	116	169	213	225
K213	915	1173	1504	1681	352	495	624	709
K214	183	180	193	201	68	73	78	82
K215	8	7	8	8	3	3	3	3
K216	222	243	276	287	83	99	111	117
K217	2363	2519	2705	2997	815	944	998	1122
K218	1884	2087	2436	2530	624	748	861	907
K219	1486	1645	1921	1995	492	590	679	715
K220	1464	1623	1895	1969	504	608	699	737
K221	3368	3712	4257	4421	1161	1390	1571	1656
K222	2387	2586	2884	2996	812	954	1049	1105
K223	3125	3533	4015	4170	1062	1304	1460	1539
K224	2913	3140	3568	3706	964	1125	1261	1328
K225	1244	1252	1345	1396	462	509	538	568
K226	777	780	854	887	287	315	339	358
K227	236	261	304	316	87	105	121	127
K228	1406	1366	1452	1508	492	519	544	574
K229	2068	2284	2667	2770	723	869	999	1053
K230	858	913	1067	1108	300	347	399	421
K231	2527	2792	3260	3386	995	1209	1387	1466
K232	918	1018	1136	1180	330	399	439	463
K233	1139	1256	1414	1468	410	492	546	576
K234	778	838	953	989	266	312	349	368
K235	3448	3810	4449	4621	1214	1460	1679	1770
K236	358	393	442	779	126	150	167	298
K237	1366	1519	1773	1842	471	569	654	690
K238	10	11	13	13	4	4	5	5
K239	1218	1348	1575	1635	424	511	588	619
K240	1004	1078	1225	1272	361	423	473	499
K241	352	388	462	479	127	152	178	188

K242	1016	1060	1182	1228	379	432	475	501
K243	1125	1132	1274	1324	415	456	506	534
K244	527	666	847	879	190	262	328	346
K245	131	127	137	142	47	50	53	56
K246	204	212	227	236	82	93	98	104
K247	1306	1268	1349	1401	522	559	584	617
K248	335	326	346	360	134	143	150	158
K249	756	751	807	838	302	334	352	369
K250	762	750	798	828	420	475	492	521
K251	158	153	163	169	59	62	65	69
K252	585	568	604	628	242	260	271	287
K253	1012	1009	1083	1125	418	461	486	514
K254	1155	1134	1206	1252	429	461	482	509
K255	277	269	286	297	111	121	126	131
K256	567	555	590	612	234	257	268	280
K257	1388	1380	1482	1540	574	639	674	703
K258	666	737	861	894	366	464	528	562
K259	324	359	419	618	134	164	188	282
K260	2191	2427	2834	2382	830	1007	1157	988
K261	472	460	489	508	170	180	189	199
K262	2663	2950	3445	3578	918	1105	1271	1340
K263	518	510	547	568	209	227	239	253
K264	2210	2351	2672	2775	778	904	1012	1063
K265	84	93	102	106	35	42	46	48
K266	3559	3583	3923	4152	1280	1405	1515	1628
SUM	162946	173731	195549	205226	60118	70116	77574	82672
DPC 2013 KC Projections	162947	173731	195521	205206		70281	77499	

APPENDIX G

Eastern Federal Lands Highway Projects in Delaware

May 6, 2015

Retained in the Amendments of 9-2-2015

The attached spreadsheet includes two projects under DE-Delaware that are to be located on Federal Lands in the State. One if for improvements to the front entrance road and interior roads at the Bombay hook National Wildlife Refuge. The other is for primarily entrance improvements at the Prime Hook National Wildlife Refuge.

FY2015 - FY2018 Transportation Improvement Program
Federal Highway Administration
Eastern Federal Lands Highway Division
Mid-Year Update (Reflects Additional Projects Since October 1, 2014)

Last Printed:26Mar15

PROJECT	AWARD FY	STATE	COUNTY	PARK, REFUGE, FOREST OR OTHER PARTNER/AGENCY	DESCRIPTION	CATEGORY	PRIMARY FUND SOURCE	ESTIMATED PROGRAM AMOUNT (RANGE)	FUNDS FROM TITLE	ADMIN BY / DELIVER BY	Phase	CHANGE FROM LAST UPDATE	CONG DIST NUMBER	FLMA REGION
ROCR_24(1)	FY2016	DC	District of Columbia	Rock Creek Park	Repair collapsed retaining wall adjacent roadway	RW	FLTP	Between $250,000 and $500,000	Title 23	EFLHD	In Design	No change	-	NPS_NC
ROCR_503(1)	FY2016	DC	District of Columbia	Rock Creek Park	Waterside Dr. Roadway reconstruction, drainage, guardrail, & street light replacement & misc	3RH_BRRP	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	In Design	No change	-	NPS_NC
CHOH_238(1)	FY2017	DC	District of Columbia	Chesapeake & Ohio Canal National Historical Park	Fletcher's Boathouse ent. relocation & replacement of Structure No. 3100-029P	4R	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	In Design	No change	-	NPS_NC
GWMP_11(4)	FY2017	DC	District of Columbia	George Washington Memorial Parkway	Arlington Memorial Bridge Permanent Repairs	3RL	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	In Design	No change	-	NPS_NC
GWMP_11(7)	FY2017	DC	District of Columbia	George Washington Memorial Parkway	Shoring Arlington Memorial Bridge	BRRH	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	Planned	New project	-	NPS_NC
NACE_17(2)_18(2)_ETC	FY2017	DC	District of Columbia	East Fort DuPont	Resurface, restore & rehabilitate Routes 17, 18, 19, 118, and 206 in Fort DuPont and Fort Davis	3RH	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	In Design	Name changed from NACE_17(2)_18(2) to NACE_17(2)_18(2)_ETC	-	NPS_NC
NAMA_16(2)_20(2)_ETC	FY2017	DC	District of Columbia	National Mall & Memorial Parks	Rock Creek and Potomac Parkway, 17th st, Ind Ave & West Tidal Basin Turnaround pavement rehab.	3RL	FLTP	Between $5,000,000 and $10,000,000	Title 23	EFLHD	In Design	Name changed from NAMA_16(2) to NAMA_16(2)_20(2)_ETC	-	NPS_NC
NAMA_21(2)_501(3)	FY2017	DC	District of Columbia	National Mall & Memorial Parks	15th St & Jefferson Dr Resurfacing	3RL	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	Planned	No change	-	NPS_NC
NCR_PMS_FY17	FY2017	DC	District of Columbia	National Capital Region	Pavement Management outside Beltway	2R	FLTP	Between $500,000 and $1,000,000	Title 23	EFLHD	Planned	No change	-	NPS_NC
ROCR_14(1)_17(1)	FY2017	DC	District of Columbia	Rock Creek Park	Light pave rehab & replace drainage system on Bingham and Morrow Dr	3RL	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	Planned	No change	-	NPS_NC
NAMA_11(6)	FY2018	DC	District of Columbia	National Mall & Memorial Parks	Rehab Inlet Bridge (3400-033)	BRRH	FLTP	Between $500,000 and $1,000,000	Title 23	EFLHD	In Design	No change	-	NPS_NC
NAMA_11(7)	FY2018	DC	District of Columbia	National Mall & Memorial Parks	Rehabilitate Ohio Dr, W Basin Dr & WB to EB Turnaround	3RL	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	Planned	No change	-	NPS_NC
NAMA_12(3)	FY2018	DC	District of Columbia	National Mall & Memorial parks	Rehab Outlet Bridge & resurface East Basin Dr.	3RL_BRRH	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	In Design	No change	-	NPS_NC
ROCR_12(1)_19(1)	FY2018	DC	District of Columbia	Rock Creek & Potomac Park	Rehab Wise & Glover Roads	3RL	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	Planned	No change	-	NPS_NC
ROCR_15(2)	FY2018	DC	District of Columbia	Rock Creek Park	Joyce Road Bridge at Military Rd Reconstruction	BRRC	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	Planned	New project	-	NPS_NC
ROCR_BMS_(1)	FY2018	DC	Washington DC	Rock Creek Park	Rehab Structures 3450-029P, 033P, 004P, 012P and 013P	BRRH	FLTP	Between $500,000 and $1,000,000	Title 23	EFLHD	In Design	New project	-	NPS_NC
DE -- Delaware														
FW_BOHO_HPP_3894	FY2015	DE	Kent	Bombay Hook National Wildlife Refuge	Rehabilitate Refuge Entrance Road (Route 10) and Auto Tour Route/ Raymond Pool Loop (Route 11)	3RL	SAFETEA-LU	Between $250,000 and $500,000	Title 23	FWS	Planned	No change	DE-00	FWS_R5
FW_PRHO_10(1)	FY2018	DE	Sussex	Prime Hook National Wildlife Refuge	Entrance Road (Route 10) from Turkle Pond Road at Refuge boundary to Visitor Center parking area.	3RH	FLTP	Between $250,000 and $500,000	Title 23	EFLHD	Planned	No change	DE-00	FWS_R5
FL -- Florida														
FL_FLAP_JKSVL_FER(1)	FY2015	FL	Duval	Timucuan Ecological & Historic Preserve	To support operation and maintenance expenses for the St. Johns River Ferry (Mayport Ferry)	MISC	FLAP	Between $500,000 and $1,000,000	Title 23	LOCAL	Planned	New project	FL-04	NPS_SE
FL_FLAP_PNSCL_FER(1)	FY2015	FL	Escambia	Gulf Islands National Seashore	Construct a floating dock to support ferry access for passengers embarking from downtown Pensacola.	MISC	FLAP	Between $1,000,000 and $5,000,000	Title 23	LOCAL	Planned	New project	FL-01	NPS_SE
FW_JNDA_2008870481	FY2015	FL	Lee	J.N. Ding Darling National Wildlife Refuge	Rehabilitate Tarpon Bay Road (Route 101)	3RL	FLTP	Between $100,000 and $250,000	Title 23	FWS	Planned	Name changed from JN DING DARLING to FW_JNDA_2008870481	FL-14	FWS_R4
FW_LOSU_2006532572	FY2015	FL	Levy	Lower Suwannee National Wildlife Refuge	Rehabilitate Shell Mount Road (Route 107)	3RL	FLTP	Between $25,000 and $100,000	Title 23	FWS	Planned	Name changed from LOWER SUWANNEE to FW_LOSU_2006532572	FL-05	FWS_R4
FW_MEIS_2014248737	FY2015	FL	Brevard	Merritt Island National Wildlife Refuge	Rehabilitate Shiloh Marsh Road (Route 133).	3RL	FLTP	Between $100,000 and $250,000	Title 23	FWS	Planned	No change	FL-24	FWS_R4
FW_NADE_2006415475	FY2015	FL	Monroe	National Key Deer National Wildlife Refuge	Rehabilitate Watson Nature Trail Parking Lot (Route 901)	3RL	FLTP	Between $100,000 and $250,000	Title 23	FWS	Planned	Name changed from NATIONAL KEY DEER to FW_NADE_2006415475	FL-18	FWS_R4
GUIS_12(2)	FY2015	FL	Escambia	Gulf Islands National Seashore	Cyclic Asphalt Overlay & Roadway Rehabilitation as necesssary on Fort Pickens Road (Route 12)	3RL	FLTP	Between $1,000,000 and $5,000,000	Title 23	EFLHD	In Design	No change	FL-01	NPS_SE

Approval signature is shown on the first page packet only.
This listing reflects all newly identified and programmed and/or modified projects as of March 25, 2015 - Changes highlighted in green.

APPENDIX H

Adopted Amendment Resolutions and Self-Certification

September 2, 2015

Dover/Kent County MPO
Metropolitan Planning Organization

Dover/Kent County Metropolitan Planning Organization

P.O. Box 383, Dover, Delaware 19903 (302) 387-6030 FAX: (302) 387-6032

RESOLUTION

AMENDING THE FY 2016-2019 TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Dover/Kent County Metropolitan Planning Organization (D/KC MPO) has been designated the Metropolitan Planning Organization for the Dover, Delaware Metropolitan Statistical Area by the Governor of Delaware; and

WHEREAS, the United States Department of Transportation's (USDOT) Moving Ahead for Progress in the 21st Century Act (MAP-21) Metropolitan Planning requirements require that, in air quality non-attainment areas, the MPO, in cooperation with participants in the planning process, develop and, at least every two (2) years, updates the Transportation Improvement Program (TIP); and

WHEREAS, the D/KC MPO TIP incorporates a four-year period for the listing of priority projects to be implemented, as well as a list of program development projects; and

WHEREAS, additional funding was allocated for three (3) new projects in the TIP: US Route 13 (Walnut Shade Road to Lochmeath Way), Camden Bypass (South Street to Rising Sun Road), and Walnut Shade Road (US Route 13 to Peachtree Run); and

WHEREAS, the D/KC MPO has self-certified its planning process; and

WHEREAS, the projects included in the FY 2016-2019 TIP have been prioritized based on goals identified in the long range Metropolitan Transportation Plan; and

WHEREAS, the D/KC MPO has determined that the amended FY 2016-2019 TIP is financially constrained, as directed by 23 CFR 450.324(e); and

WHEREAS, the D/KC MPO has determined that the amended FY 2016-2019 TIP conforms to the Delaware State Implementation Plan in accordance with MAP-21 and the Clean Air Act and amendments.

NOW, THEREFORE, BE IT RESOLVED, that the Dover/Kent County Metropolitan Planning Organization Council does hereby adopt the amended FY 2016-2019 Transportation Improvement Program.

The effective date of this action is September 2, 2015.

DATE: 9-2-15

Commissioner Bradley S. Eaby, Chair
Dover/Kent Metropolitan Planning Organization

RV:crs