DOVER/KENT COUNTY
METROPOLITAN PLANNING ORGANIZATION

TRANSPORTATION IMPROVEMENT PROGRAM
FISCAL YEARS 2016-2019

Proposed: May 6, 2015

Prepared at the Direction of the
Dover/Kent County Metropolitan Planning Organization Council

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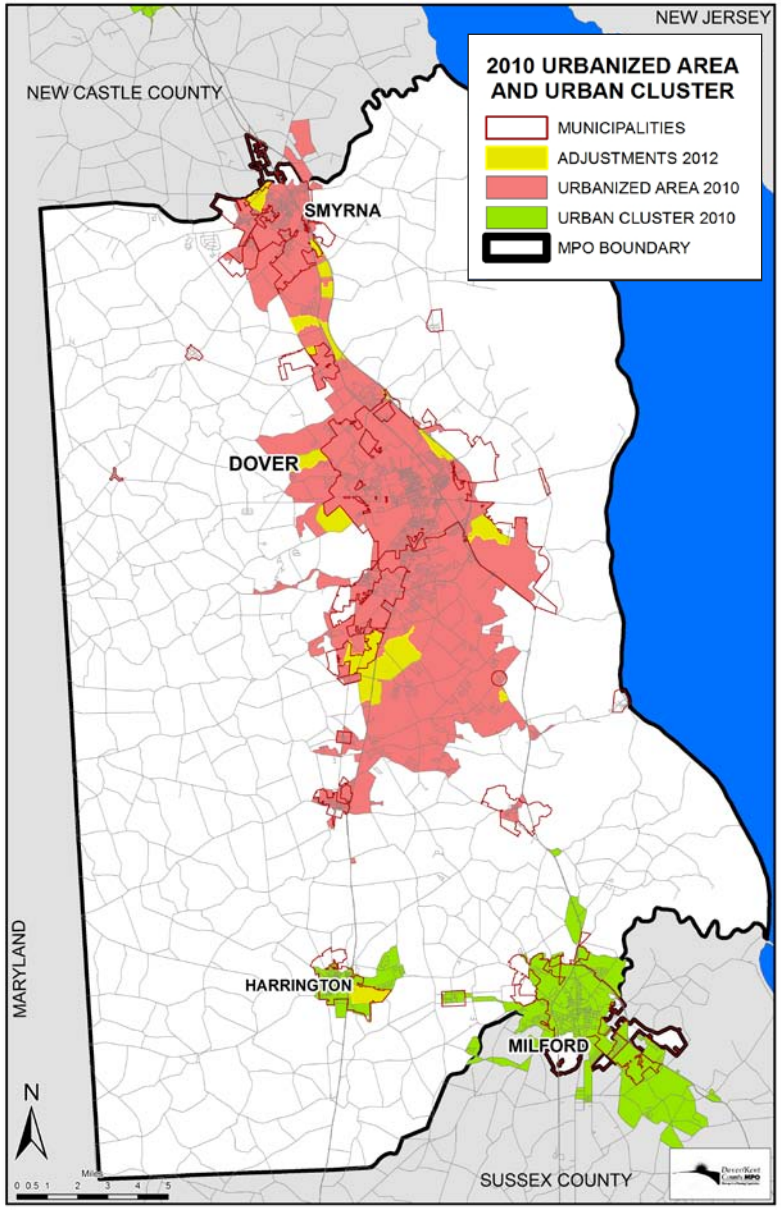
Background

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) Finance Department provided the approved Bond Bill authorization that reflected the replacement of the proposed gas tax increase with additional revenue from a State Route 1 Highway toll increase and a limited borrowing plan. The increase will provide approximately $30 million of the projected $100 million increase in highway funds. The additional funding was dedicated to repaving projects throughout the state to ensure a state of good repair for the highways. Several projects related to the potential fund increase as a result of the gas tax were delayed while the increase required the MPO to reconsider the fundable projects list in the Metropolitan Transportation Plan adopted January 9, 2013. The MPO 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.

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. T. 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 Delaware Department of Transportation (DelDOT) analyzed fi he 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/nancial and air quality requirements for the MPO.

The funds anticipated to be used for the Kent County projects (not the greater MPO area) in the TIP during FY 2015 - FY 2018 are shown below.

	Total Amount	Federal Share
FY 15	$24,560,375	$22,407,498
FY 16	$42,066,847	$31,667,825
FY 17	$45,839,566	$42,111,093
FY 18	$30,026,278	$27,014,022

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 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 2015-FY 2018 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 FY2015-2018 TIP were drawn from the 2040 MTP, as amended.

The Prioritization Process

In the recent past, the MPO, led by the Technical Advisory Committee, deferred to 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 Transportation Improvement Program (TIP) was taken from the first four years of the Capital Transportation Program (CTP). There is a renewed attempt to create a planning process where the TIP is produced by the MPO and then becomes a portion of the CTP. This attempt is at the same time that the Department of Transportation's budget is undergoing critical analysis and has changed significantly for FY 2015. 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. This TIP implements a new approach by the Department to developing the CTP while the MPO still attempts to involve our partners in fully implementing our revised separate prioritization process.

The current method of scoring project prioritization was based on the 10 factors described in table 1. An attempt to realign the scoring of two projects for prioritization was initially 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 for significance in the MPO area access and then analyzed for potential environmental impacts. The most important projects or the highest scoring projects would be turned over to the Department of Transportation for project development. The MPO received one response of our initial request for problem nominations and will work toward sufficient participation to fully implement this new process.

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

Factor	Description	Weight
Safety	Extent to which project location represents a safety hazard/solution for motorists, pedestrians, bicyclists and/or transit users.	0.20
Support for Comprehensive/ Community Plans	Extent to which the project supports policies or is derived from an approved County or Municipal Comprehensive Plan or a special transportation study, such as corridor study or bike plan.	0.20
Environmental Justice	Extent to which project has disproportionately high and adverse effects on minority and low-income populations or disproportionately benefits populations not protected under Title VI of the Civil Rights Act of 1964.	0.10
Transit	Support shifting people/goods to rail or bus; or support more efficient operation of rail or bus.	0.05
Pedestrian/Bicycle Travel	Extent to which project incorporates/supports/enhances bicycle/pedestrian access or use.	0.05
Environmental Impacts	Extent to which project avoids problems related to drainage, noise, cultural/historic areas, and ecologically sensitive areas.	0.03
Economic Impacts	Extent to which project supports worker and customer access to major commercial sites, freight, access to major business/industrial sites, and transhipment points, and supports economic development.	0.05
System Continuity	Extent to which a project fills a gap or eliminates functional bottlenecks/pinch points and/or project has been identified by the congestion management system as having a problem.	0.10
Sustainability	Extent to which forecast levels of performance will be sustained, based on professional judgment about the certainty of, or confidence in assumptions, forecasting and analysis of project impacts.	0.02
Consistency with the Long-Range Transportation Plan	Extent to which projects support/implement goals.	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 Friday, April 4, 2014 through Monday, May 5, 2014. The MPO did provide an opportunity for, and received, comment specifically on the TIP overview at the February 12, 2014 TAC meeting, the February 25, 2014 PAC, and the March 5, 2014 Council meeting. The TIP was ultimately not adopted by the MPO Council. With significant changes, the TAC meeting of August 13th began the committee and Council process for the second attempt to create a FY 2015-2018 TIP, which, again was not successful due to disagreements over the timing of the South Frederica Grade Separated Intersection. This is a final attempt to have the new TIP approved before amendments to the FY2014-2017 TIP are required.

News releases and advisories publicizing all of the meetings 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 2015-2018 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 in attainment, the Dover/Kent County

MPO, is not required through federal regulations to show that the FY 2015-2018 TIP complied with the requirements of the 1990 Clean Air Act and subsequent amendments (CAA).

The FY 2015-2018 TIP

The projects in the FY 2015-2018 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 2015-2018 Transportation Improvement Program conforms to the SIP.

Program Categories and Project List

This final FY 2015-2018 TIP mirrors DelDOT's FY 2015-2020 CTP developed after the State budget was adopted at the end of June, 2014. The projects and funded amounts included in this FY 2015-2018 TIP reflect the amounts allocated in the FY 2015-2020 CTP for years FY2015 through 2018. 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 2015, 2016, 2017 and 2018. These are predominantly funding programs that include projects in all three Delaware counties. More information about these projects and programs can be found in the FY 2015-2020 CTP.

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 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 G was added on January 27, 2015 at the request of the Federal Highway Administration. The appendix includes two road improvements projects on Federal Lands: at Bombay Hook National Wildlife Refuge and at Prime Hook National Wildlife Refuge.

Table 2: FY 2015-2018 Identified Statewide Projects (x $000)

PROJECT (x000)	FY 2015 TOTAL	FY 2016 TOTAL	FY 2017 TOTAL	FY 2018 TOTAL	2015-2018 TOTAL
ROAD SYSTEMS					
BRIDGES	8,450.0	13,550.0	23,250.0	22,500.0	67,750.0
Bridge Management	3,100.0	3,100.0	3,100.0	3,100.0	12,400.0
Bridge Preservation	2,200.0	10,400.0	17,000.0	16,250.0	45,850.0
Bridge Inspection	3,150.0	3,150.0	3,150.0	3,150.0	12,600.0
BICYCLE, PEDESTRIAN AND OTHER IMPROVEMENTS	1,690.0	1,250.0	1,250.0	1,250.0	5,440.0
ENGINEERING & CONTINGENCY	24,800.0	25,845.0	25,845.0	25,845.0	102,335.0
ENVIRONMENTAL IMPROVEMENTS	522.5	522.5	522.5	522.5	2,090.0
INTERSECTION IMPROVEMENTS	4,500.0	3,068.0	2,868.0	2,868.0	13,604.0
RECREATIONAL TRAILS	1,350.0	1,350.0	1,350.0	1,350.0	5,400.0
MATERIALS & MINOR CONTRACTS	5,065.0	5,050.0	5,250.0	5,075.0	20,440.0
CORRIDOR CAPACITY PRESERVATION	0.0	0.0	0.0	0.0	0.0
PAVING & REHABILITATION	90,793.0	57,100.0	67,600.0	52,600.0	280,593.0
SAFE ROUTES TO SCHOOL	926.0	526.8	526.8	800.0	2,779.6
SCENIC BYWAYS	863.6	817.2	0.0	0.0	1,680.8
RAIL CROSSING SAFETY	1,453.2	1,511.7	1,511.7	1,511.5	5,988.1
RIDE ABILITY	0.0	400.0	100.0	100.0	600.0
HAZARD ELIMINATION PROGRAM	2,444.4	2,444.4	2,444.4	2,444.4	9,777.6

PROJECT (x000)	FY 2015 TOTAL	FY 2016 TOTAL	FY 2017 TOTAL	FY 2018 TOTAL	2015-2018 TOTAL
HIGH RISK RURAL ROADS PROGRAM	277.8	277.8	277.8	277.8	1,111.2
SIGNAGE & PAVEMENT MARKINGS	3,272.0	3,272.0	3,072.0	3,072.0	12,688.0
TRAFFIC CALMING	0.0	200.0	150.0	150.0	500.0
TRANSPORTATION ENHANCEMENTS	4,112.4	4,390.5	3,815.5	3, 080.5	15,398.9
DAM PRESERVATION	700.0	1,321.0	1,750.0	750.0	4,521.0
SECTION 154 PENALTY TRANSFER PROGRAM	2,265.0	2,265.0	2,265.0	2,265.0	9,060.0
PROGRAM DEVELOPMENT/ DESIGN	0.0	0.0	0.0	0.0	0.0
SUPPORT					
ADVANCED ACQUISITIONS	0.0	0.0	0.0	0.0	0.0
AERONAUTICS PLANNING	176.0	176.0	176.0	176.0	704.0
AERONAUTICS PROGRAM DEV	250.0	280.0	280.0	280.0	1,090.0
EDUCATION AND TRAINING	200.0	200.0	200.0	200.0	800.0
HEAVY EQUIPMENT PROGRAM	3,800.0	8,400.0	8,400.0	8,800.0	29,400.0
PLANNING	8,063.8	8,751.2	8,283.0	9,351.2	34,449.2
Local Transportation Assistance Program (TAP)	170.0	340.0	340.0	340.0	1,360.0
MPO/FHWA	1,995.4	2,119.2	2,119.2	2,119.2	8,353.0
MPO/FTA	374.6	468.2	468.2	468.2	1,779.2
Pedestrian ADA Accessibility	300.0	500.0	500.0	1,000.0	2,300.0
Planning PD	1,380.0	1,180.0	1,180.0	1,280.0	5,020.0
Rural TAP	78.2	78.2	78.2	78.2	312.8

PROJECT (x000)	FY 2015 TOTAL	FY 2016 TOTAL	FY 2017 TOTAL	FY 2018 TOTAL	2015-2018 TOTAL
Statewide Planning & Research/FHWA	2,996.3	3,296.3	3,296.3	3,296.3	12,882.2
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	8,913.8	12,398.1	10,233.7	10,733.8	42,279.4
DBE	279.0	279.0	125.0	125.0	808.0
IT Initiatives	5,440.0	6,940.0	6,940.0	7,940.0	27,260.0
DMV System Upgrade	2,700.0	5,000.0	3,000.0	2,500.0	13,000.0
OJT/ Support Services	110.2	110.3	100.0	100.0	420.5
Summer Transportation Institute	63.0	68.8	68.7	68.8	269.3
Enterprise Document Management	351.6	0.0	0.0	0.0	351.6
TRANSPORTATION FACILITIES	5,500.0	5,600.0	5,600.0	5,700.0	22,400.0
TRANSPORTATION MANAGEMENT IMPROVEMENTS	6,350.0	10,605.0	13,505.0	9,505.0	39,965.0
MUTCD Compliance	800.0	5,000.0	6,000.0	2,000.0	13,800.0
Traffic Signal Revolving Fund	0.0	125.0	125.0	125.0	375.0
Rideshare Trip Mitigation	450.0	480.0	480.0	480.0	1,890.0
Transportation Management Improvement	5,100.0	5,000.0	6,900.0	6,900.0	23,900.0
TRANSIT					
TRANSIT FACILITIES	175.0	1,500.0	600.0	1,500.0	3,775.0

PROJECT (x000)	FY 2015 TOTAL	FY 2016 TOTAL	FY 2017 TOTAL	FY 2018 TOTAL	2015-2018 TOTAL
RAIL	300.0	300.0	300.0	300.0	1,200.0
TRANSIT VEHICLES	1,871.7	2,002.6	1,962.5	1,549.8	7,386.6
GRANTS AND ALLOCATIONS					
MUNICIPAL STREET	5,000.0	3,000.0	3,000.0	3,000.0	13,000.0
COMMUNITY TRANSPORTATION	16,750.0	8,375.0	8,375.0	8,375.0	41,875.0
TOTALS	215,534.4	189,850.3	202,934.3	186,270.1	794,589.1

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:

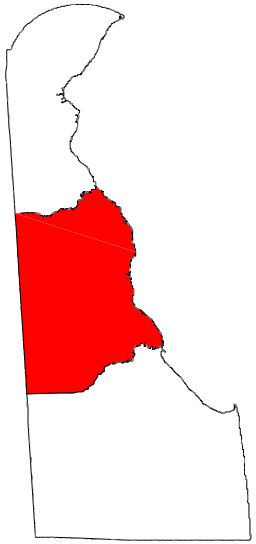
ARTERIALS

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP), - KENT COUNTY ARTERIALS

PROJECT SCOPE/DESCRIPTION: This program is a federally funded program to identify locations and reduce the severity and frequency of accidents. This is done through the identification of locations, accident patterns, conducting field studies, and developing potential solutions. The program utilizes a technical committee to review identified locations with a focus towards implementation of low cost high benefit solutions (signing, striping, signals). However, the program does identify several locations each year that involve large-scale design and capital construction projects. HSIP funds are designated within specific project requests. The proposed projects in Kent County to be addressed in this program 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: $1,151,260
MPO Priority Rating: N/A (HSIP)



Descriptions:

SR300, Glenwood Ave Safety Improvements: This project is located on SR300, Glenwood Avenue in Smyrna, Delaware. It will involve revisions to several existing commercial entrances, channelization of some entrances, installation of new traffic signal and a multitude of signing and striping revisions. This project was recommended in the 2009 Hazard Elimination Program, Task II Report - Site N. Improvements are needed to revise existing commercial entrances through the corridor to reduce the severity and frequency of accidents.

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) - 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**
SR300, Glenwood Ave Safety Improvements	PD									0.0
	PE									0.0
	RW									0.0
	C									0.0
	Σ	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Federal Funding Program: Surface Transportation Program (Glenwood Avenue)

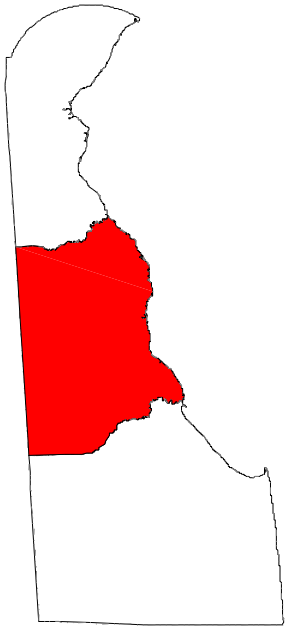
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
SR300, Glenwood Ave Safety Improvements	PD									0.0
	PE									0.0
	RW		25.0							0.0
	C	220.0	880.0							1125.0
	Σ	**220.0**	**905.0**	**0.0**	**0.0**	**0.0**	**0.0**			**1125.0**

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.
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 AuthorizationSchedule (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			900.0	2,000.0		1,600.0		0.0	4,500.0
	ROW									0.0
	C									0.0
	Σ	**0.0**	**0.0**	**900.0**	**2,000.0**	**0.0**	**1,600.0**	**0.0**	**0.0**	**4,500.0**
SR8 & SR15 Intersection Improvements	PE							50.0	450.0	500.0
	ROW									
	C									
	Σ	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
SR14 @ Killens Pond Road Intersection	PE					2.0	18.0			20.0
	ROW							3.0	27.0	30.0
	C									0.0
	Σ	**0.0**	**0.0**	**0.0**	**0.0**	**2.0**	**18.0**	**3.0**	**27.0**	**50.0**
LOCAL ROAD: SR10 at SR15 Intersection Improvements	PE									0.0
	R0W		180.0	20.0	0.0					200.0
	C			200.0	800.0					1,000.0
	Σ	**0.0**	**180.0**	**220.0**	**800.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1,200.0**

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	1,1400.0					3,500.0
	ROW									0.0
	C									0.0
	Σ	**350.0**	**1,400.0**	**350.0**	**1,400.0**	**0.0**	**0.0**	**0.0**	**0.0**	**3,500.0**
SR8 & SR15 Intersection Improvements	PE							50.0	450.0	500.0
	ROW									
	C									
	Σ	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
SR14 @ Killens Pond Road Intersection	PE					2.0	18.0			20.0
	ROW							3.0	27.0	30.0
	C									
	Σ	**0.0**	**0.0**	**0.0**	**0.0**	**2.0**	**18.0**	**3.0**	**27.0**	**50.0**
LOCAL ROAD: SR10 at SR15 Intersection Improvements	PE		18.4							18.4
	ROW			20.0	180.0					200.0
	C					200.0	800.0			1,000.0
	Σ	**0.0**	**18.4**	**20.0**	**180.0**	**200.0**	**800.0**	**0.0**	**0.0**	**1,218.4**

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	0.0	0.0	300.0	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	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	300.0	0.0	0.0	0.0	0.0	0.0	300.0

Future federal Funding Program: National Highway System

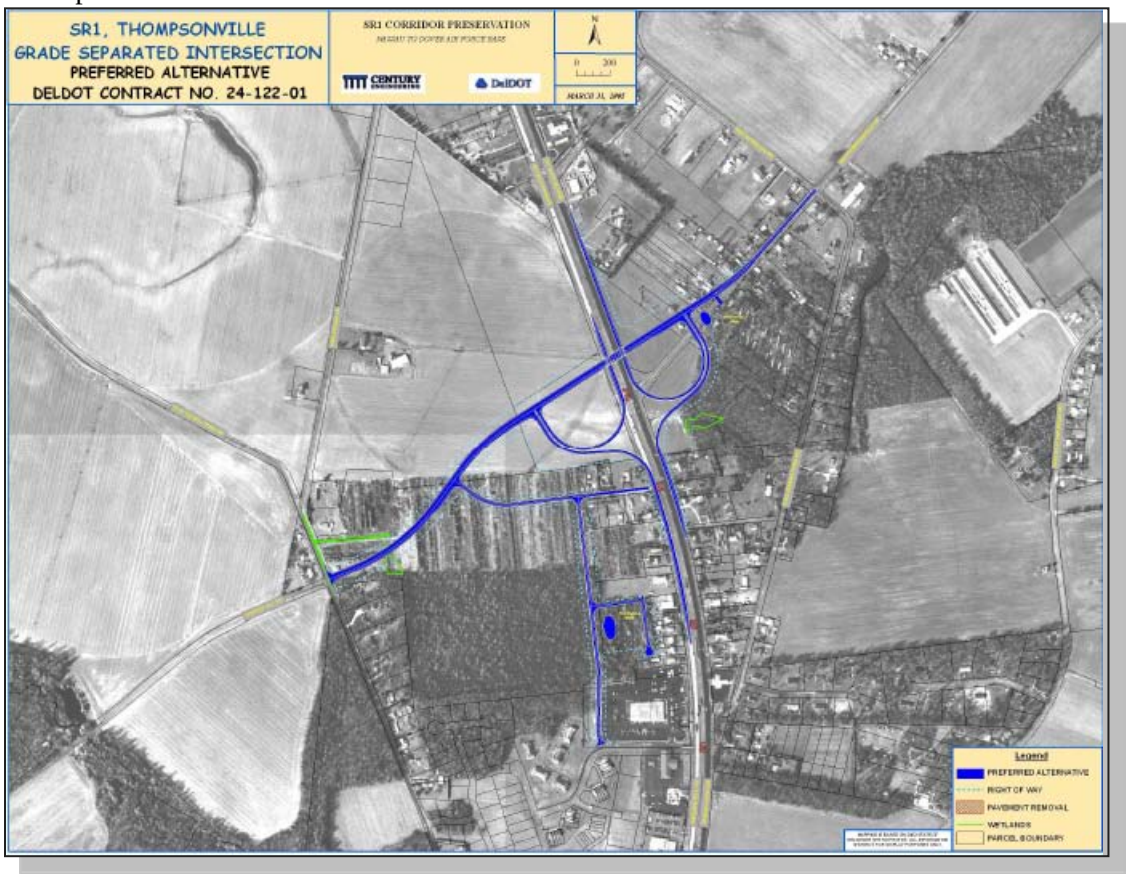
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
Loockerman Street/Forest Street Improvements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

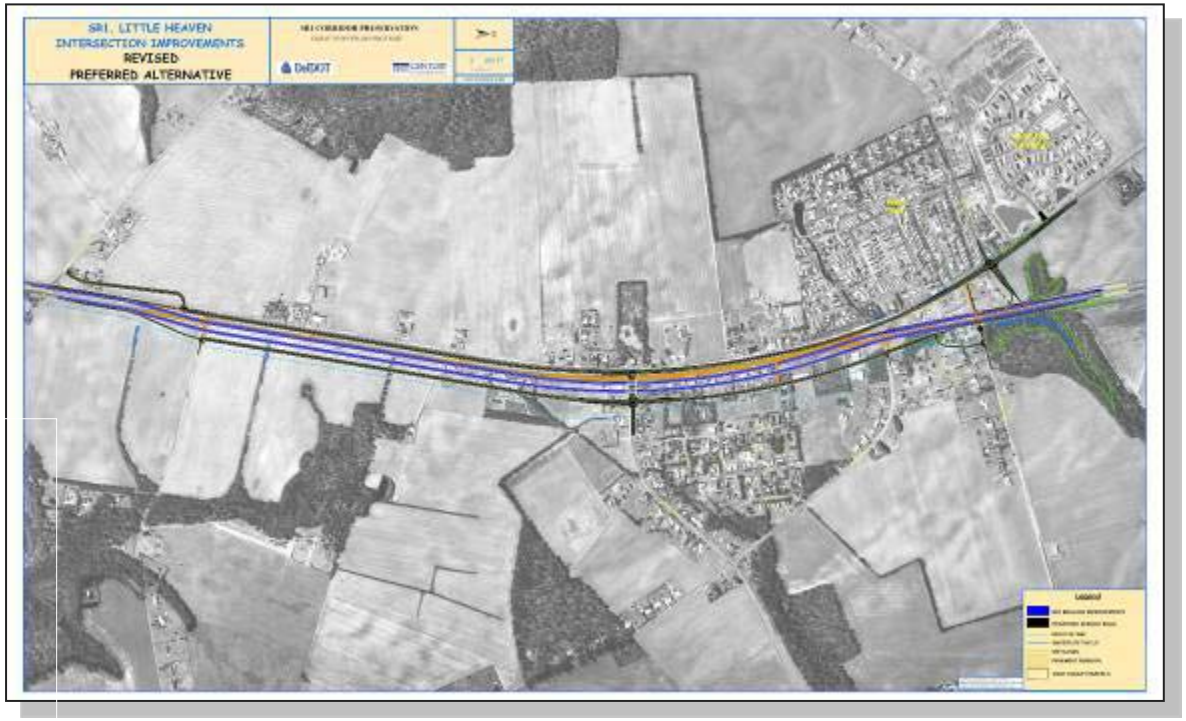
Federal Funding Program: M001: National Highway Performance Program

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	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	2,150.1	8,834.1	0.0	0.0	0.0	0.0	0.0	0.0	10,984.2
	Total	2,150.1	8,834.1	0.0	0.0	0.0	0.0	0.0	0.0	10,984.2

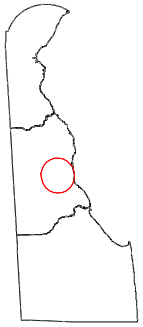
SR 1, LITTLE HEAVEN GRADE-SEPARATED INTERSECTIONS

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	15,000.0	0.0	3,700.0	0.0	0.0	38,700.0
	Total	0.0	20,000.0	0.0	15,000.0	0.0	3,700.0	0.0	0.0	38,700.0

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, 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	6,316.8	4,000.0	0.0	15,000.0	0.0	15,000.0	0.0	4,700.0	41,016.8
	Total	6,327.4	4.042.4	0.0	15,000.0	0.0	15,000.0	0.0	4,700.0	41,069.8

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	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 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	3,000.0	0.0	3,000.0	0.0	0.0	0.0	0.0	6,000.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0.0	3,000.0	0.0	3,000.0	0.0	0.0	0.0	0.0	6,000.0

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	3,760.0	800.0	0.0	6,400.0	0.0	7,840.0	0.0	0.0	18,800.0
	Total	3,760.0	800.0	0.0	6,400.0	0.0	7,840.0	0.0	0.0	18,800.0

Federal Funding Program: National Highway Performance Program

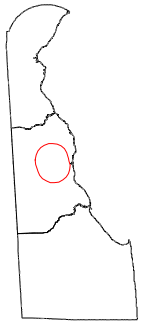
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
SR1 at South Frederica Grade Separated Intersection	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130.0
	C	0.0	0.0	1,496.0	5,984.0	1,995.0	7,979.9	1,200.9	4,803.5	23,459.2
	Total	0.0	0.0	1,496.0	5,984.0	1,995.0	7,979.9	1,200.9	4,803.5	23,459.2

US 13 PEDESTRIAN IMPROVEMENTS, COURT STREET TO LOOCKERMAN STREET

PROJECT SCOPE/DESCRIPTION: The proposed pedestrian improvements are intended to provide a safer traveling environment for pedestrian and transit customers. The improvements are intended to increase pedestrian connectivity and will include curb cuts where they do not exist, new sidewalks, replacement of existing sidewalk, reduction of excessively high curbs, and installation of pedestrian signals at major crossings, installation of cross walk striping and creation of raised median islands for pedestrian refuge.

PROJECT JUSTIFICATION: It is evident from the wide range of land use and observed patterns that pedestrians are walking in the corridor. There are gaps in the sidewalk network and mobility for the disabled is restricted by the absence of adequate curb cuts. Curbs are too high in some locations and the wide, high volume roadway should have refuge islands and pedestrian signals to improve safety. Project was coordinated with the replacement of Wawa.

County:	Kent
Municipality:	Dover
Funding Program:	Road System – Arterials
Functional Category:	Management
Representative District:	31, 32
Senatorial District:	17
Estimated Cost:	$6,500,000
MPO Priority Rating:	2.52



US 13 PEDESTRIAN IMPROVEMENTS, COURT STREET TO LOOCKERMAN STREET

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**
US 13 Pedestrian Improvements Townsend Blvd. to College Rd. 04-012-01	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

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**
US 13 Pedestrian Improvements Townsend Blvd. to College Rd. 25-012-01	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	00.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	100.0	400.0	500.0
	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	100.0	400.0	500.0

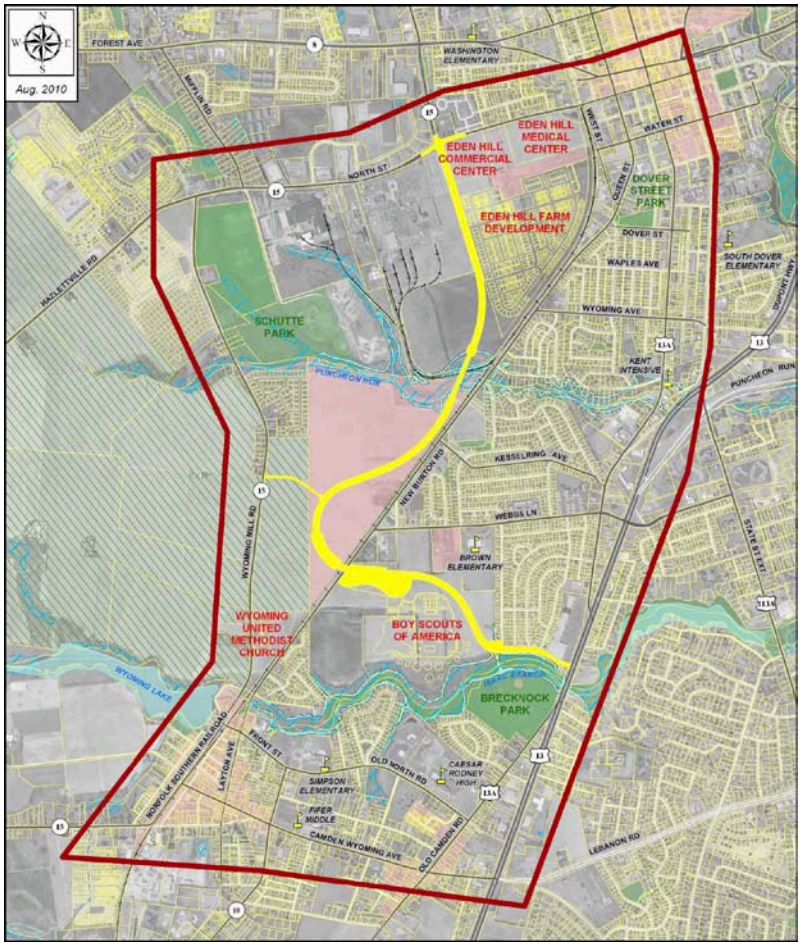
ROAD SYSTEM:

COLLECTORS

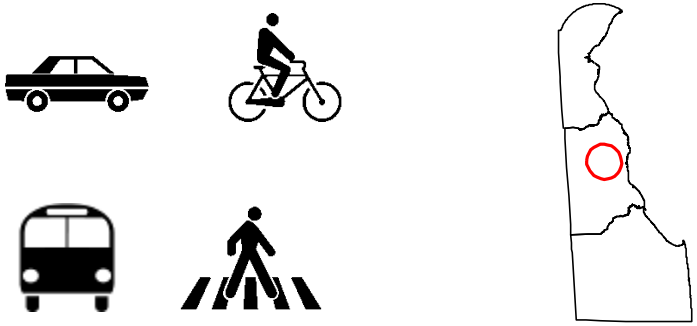
WEST DOVER CONNECTOR

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

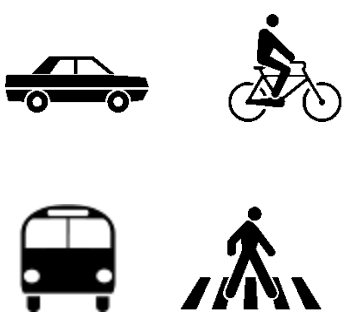
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
WEST DOVER CONNECTOR	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	0.0	2,000.0	0.0	0.0	0.0	0.0	0.0	0.0	2,000.0
	C	0.0	30,000.0	0.0	4,244.2	0.0	0.0	0.0	0.0	34,244.2
	Total	0.0	32,000.0	0.0	4,244.2	0.0	0.0	0.0	0.0	36,244.2

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	140.0	560.0	0.0	0.0	0.0	0.0	0.0	0.0	700.0
	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	140.0	560.0	0.0	0.0	192.0	768.0	0.0	0.0	1,660.0

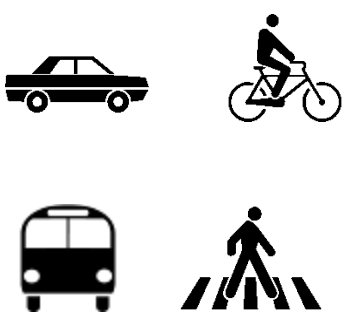
Project Funding Schedule (X $000)										
Project	**Phase**	**FY 2016 State/ Other**	**FY 2016 Federal**	**FY 2017 State/ Other**	**FY2017 Federal**	**FY 2018 State/ Other**	**FY 2018 Federal**	**FY 2019 State/ Other**	**FY 2019 Federal**	**FY 2016-2019 Total**
KENTON ROAD: SR8 TO CHESTNUT GROVE ROAD	PD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	PE	70.0	280.0	70.0	280.0	0.0	0.0	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	70.0	280.0	70.0	280.0	0.0	0.0	0.0	0.0	700.0

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:	$4,200,000
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	800.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	800.0
	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	800.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	800.0

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	400.0	0.0	400.0	0.0	0.0	0.0	0.0	0.0	800.0
	RW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	600.0	600.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	400.0	0.0	400.0	0.0	0.0	0.0	0.0	600.0	1,400.0

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/PEDESTRIAN IMPROVEMENTS

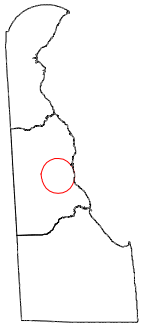
SR10 Lebanon Road to Brecknock Park Multi-Use Path

PROJECT SCOPE/DESCRIPTION: To construct a Multi-use Path between DE10 and Breacknock Park on the Isaac Branch at the north end of Old Camden Road.

PROJECT JUSTIFICATION: The construction of this paths will connect the major residential subdivisions east of US13 with the Regional County Park.

This project was funded through the right-of-way acquisition phase in the 2015-2018 TIP. The MPO chooses to keep note of the project in the TIP in anticipation of future funding allocated to the project.

Municipality:	Camden
Funding Program:	Road System –Bicycle-Pedestrian
Functional Category:	Expansion
Representative District:	34
Senatorial District:	16, 17
Estimated Cost:	$3,755,000
MPO Priority Rating:	
State Priority Number:	**98**



SR10 Lebanon Road to Brecknock Park Multi-Use Path

Project Authorization Schedule (X $000)										
Project	Phase	FY 2015 State/ Other	FY 2015 Federal	FY 2016 State/ Other	FY2016 Federal	FY 2017 State/ Other	FY 2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2015-2018 Total
	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

Potential Federal Funding Program: National Highway System

Project Funding Schedule (X $000)										
Project	Phase	FY 2015 State/ Other	FY 2015 Federal	FY 2016 State/ Other	FY2016 Federal	FY 2017 State/ Other	FY 2017 Federal	FY 2018 State/ Other	FY 2018 Federal	FY 2015-2018 Total
	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
	Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	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

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	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	141.0	564.0	0.0	0.0	0.0	0.0	0.0	0.0	705.0
	Total	143.4	573.6	0.0	0.0	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	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	141.0	564.0	0.0	0.0	0.0	0.0	705.0

CREEK	Total	2.4	9.6	141.0	564.0	0.0	0.0	0.0	0.0	717.0

BR 2-033C 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: $271,000
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 2-033C 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	39.2	157.0	0.0	0.0	0.0	0.0	0.0	0.0	196.2
	Total	39.2	157.0	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 2-033C 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	0.0
	C	39.2	157.0	0.0	0.0	0.0	0.0	0.0	0.0	196.2
	Total	39.2	157.0	0.0	0.0	0.0	0.0	0.0	0.0	196.2

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	56.1	224.3	0.0	0.0	0.0	0.0	0.0	0.0	280.4
	Total	56.1	224.3	0.0	0.0	0.0	0.0	0.0	0.0	280.4

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	56.1	224.3	0.0	0.0	0.0	0.0	0.0	0.0	280.4
	Total	56.1	224.3	0.0	0.0	0.0	0.0	0.0	0.0	280.4

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	2.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
	C	0.0	0.0	101.0	404.0	0.0	0.0	0.0	0.0	505.0
	Total	2.0	8.0	101.0	404.0	0.0	0.0	0.0	0.0	515.0

BR 2-317A ON K3 17 SHORTS LANDING RD. OVER TRIBUTARY TO DUCK CREEK

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of 2-60" reinforced concrete pipes with 2-53"x83" elliptical 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 as 103rd.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 28
Senatorial District: 14
Estimated Cost: $247,000
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 2-317A ON K3 17 SHORTS LANDING RD. OVER TRIBUTARY TO DUCK CREEK	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 2-317A ON K3 17 SHORTS LANDING RD. OVER TRIBUTARY TO DUCK CREEK	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	RW	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0

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	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

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	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: 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	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0
	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	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0

KENT AND SUSSEX PIPE REPLACEMENT – BR2-125A, BR2-126A, BR2-156B

PROJECT SCOPE/DESCRIPTION: This project involves the replacement of large corrugated metal pipes or pipe arches with multiple cells of reinforced concrete pipes at three bridge locations: Bridges 2-125A, 2-126A, and 2-156B. 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 detours.

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 corrosion at the waterline with 100% section loss at some locations. These bridges were ranked on the 2012 DelDOT Bridge Deficiency List as follows: Bridge 2-125A ranked 18th, Bridge 2-126A ranked 56th, and Bridge 2-156B ranked 96th.

County: Kent
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 11, 28, 29, 34
Senatorial District: 14, 15, 16
Estimated Cost: $1,050,000
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	915.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	915.0
	Total	915.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	915.0

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	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	915.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	915.0
	Total	915.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	915.0

KENT COUNTY PIPE REPLACEMENT – STATE, OPEN END

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, 28, 29, 30, 31, 32, 33, and 34
Senatorial District: Potentially 14, 15, 16, 17 and 18
Estimated Cost: $3,815,000
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	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 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	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	1,415.0	0.0	1,415.0	0.0	0.0	0.0	0.0	0.0	2,830.0
	Total	1,415.0	0.0	1,415.0	0.0	0.0	0.0	0.0	0.0	2,830.0

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: $218,400
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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	22.0	0.0	171.0	0.0	0.0	0.0	0.0	0.0	193.0

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: $596,900

NO FEDERAL FUNDS ARE PROPOSED TO BE OBLIGATE DURIG THE PERIOD OF THE TIP FOR THIS PROJECT

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	0.0	0.0	0.0	0.0	0.0	0.0	10.4
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4

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) 30' LOW FLOOR FY18

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: $1,002,700

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	0.0	0.0	200.5	800.2	0.0	0.0	0.0	0.0	1,007.2
	Total	0.0	0.0	200.5	802.2	0.0	0.0	0.0	0.0	1,007.2

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	0.0	0.0	200.5	802.2	0.0	0.0	1,002.7
	Total	0.0	0.0	0.0	0.0	200.5	802.2	0.0	0.0	1,002.7

TRANSIT VEHICLE REPLACEMENT (4) 30' Low Floor Buses KC FY19

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

PROJECT JUSTIFICATION: DTC's business plan recommends scheduled replacement of fixed route service buses.

County: Kent
Funding Program: Transit System – Vehicles
Functional Category: Expansion
Representative District: 28, 29, 30, 31, 32, 34
Senatorial District: 14, 15, 16, 17
Estimated Cost: $1,954,400

VEHICLE REPLACEMENT

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 (4)	PRO	0.0	0.0	0.0	0.0	309.9	1,563.5	0.0	0.0	1,954.4
	Total	0.0	0.0	0.0	0.0	309.9	1,563.5	0.0	0.0	1,954.4

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 (4)	PRO	0.0	0.0	0.0	0.0	0.0	0.0	390.9	1,563.5	1,954.4
	Total	0.0	0.0	0.0	0.0	0.0	0.0	390.9	1,563.5	1,954.4

TRANSIT VEHICLE REPLACEMENT Paratransit Buses Kent FY14-19

PROJECT SCOPE/DESCRIPTION: This project will replace cut-a-way buses for paratransit service in Kent County. The replacement schedule includes 13 in FY16, 23 in FY17, 8 in FY18, and 17 in FY19.

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: $9,448,500

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 FY14-19	PRO	527.9	2,111.7	189.1	756.6	414.0	1,655.8	72.0	288.0	5,525.1
	Total	527.9	2,111.7	189.1	756.6	414.0	14,655.8	72.0	288.0	5,525.1

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 FY14-19	PRO	0.0	1,448.5	527.9	2,111.7	189.1	756.6	414.0	1,655.8	7,103.6
	Total	0.0	1,448.5	527.9	2,111.7	189.1	756.6	414.0	1,655.8	7,103.6

TRANSIT VEHICLE REPLACEMENT SUPPORT VEHICLES KENT FY14-19

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: $322,100

SUPPORT VEHICLES 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**
Support Vehicles Kent FY14-19	PRO	104.6	0.0	83.7	0.0	83.7	0.0	50.0	0.0	322.0
	Total	104.6	0.0	83.7	0.0	83.7	0.0	50.0	0.0	322.0

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**
Support Vehicles Kent FY14-19	PRO	0.0	0.0	104.6	0.0	83.7	0.0	83.7	0.0	272.0
	Total	0.0	0.0	104.6	0.0	83.7	0.0	83.7	0.0	272.0

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

APPENDIX C
Financial Plan
(Including Evidence of Fiscal Constraint)

APPENDIX D - FINANCIAL PLAN

Revenue

Kent County	FY 16	FY 17	FY 18	FY 19
Federal	$52,603,459	$34,477,312	$24,661,022	$14,493,234
State	$12,034,546	$5,272,573	$2,621,356	$2,364,409
Other	$40,675	$23,900	$23,900	$23,900
Subtotal - Kent county	**$64,678,680**	**$39,773,785**	**$27,306,278**	**$16,881,543**
Statewide				
Federal	$62,005,222	$76,361,984	$70,767,984	$79,667,984
State	$119,297,273	$122,623,825	$114,295,619	$116,202,652
Other	$1,454,426	$2,300,926	$1,257,346	$1,257,346
Subtotal - Statewide	**$182,756,921**	**$201,286,735**	**$186,320,949**	**$197,127,982**
Total Revenue	**$247,435,601**	**$241,060,520**	**$213,627,227**	**$214,009,525**

Programmed Funds

Kent County				
Arterials	$27,228,949	$27,400,016	$25,154,878	$12,054,343
Collectors	$32,950,000	$5,994,219	$0	$600,000
Local	$0	$0	$0	$0
Bridge Preservation	$2,921,565	$3,516,050	$0	$0
Bicycle/Pedestrian	$0	$0	$0	$0
Transportation Facilities	$0	$0	$0	$0
Transit Facilities	$10,366	$0	$0	$0
Transit Vehicles	$1,567,800	$2,863,500	$2,151,400	$4,227,200
Subtotal - Kent County	**$64,678,680**	**$39,773,785**	**$27,306,278**	**$16,881,543**
Statewide				
Road Systems	$120,413,891	$139,848,691	$126,370,322	$140,577,405
Support Systems	$47,140,955	$47,176,069	$44,746,039	$42,245,989
Transit Systems	$3,827,075	$2,886,975	$3,829,588	$2,929,588
Grants & Allocations	$11,375,000	$11,375,000	$11,375,000	$11,375,000
Subtotal - Statewide	**$182,756,921**	**$201,286,735**	**$186,320,949**	**$197,127,982**
Total Programmed Funds	**$247,435,601**	**$241,060,520**	**$213,627,227**	**$214,009,525**

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 proposed.

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 - ANNUAL LISTING OF PROJECTS
KENT COUNTY

Priority	County	Project Title	P6	Finance #	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
81	Kent	HEP KC, SR8 & SR15 Intersection Improvements	14-00815	T201500201	Road Systems	Arterials	PE	1,000,000	-	-	-	-	-	-	-	-	-	50,000	450,000	-
81	Kent	HEP KC, SR8 & SR15 Intersection Improvements	14-00815	T201500201	Road Systems	Arterials	ROW	1,000,000	-	-	-	-	-	-	-	-	-	-	-	-
81	Kent	HEP KC, SR8 & SR15 Intersection Improvements	14-00815	T201500201	Road Systems	Arterials	C	3,000,000	-	-	-	-	-	-	-	-	-	-	-	-
		HEP KC, SR8 & SR15 Intersection Improvements Total						**5,000,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**50,000**	**450,000**	**-**
44	Kent	Loockerman Street / Forest Street	04-00041	T200304201	Road Systems	Arterials	PD	246,830	-	-	-	-	-	-	-	-	-	-	-	-
44	Kent	Loockerman Street / Forest Street	04-00041	T200304201	Road Systems	Arterials	PE	300,000	-	-	-	150,000	-	-	150,000	-	-	-	-	-
44	Kent	Loockerman Street / Forest Street	04-00041	T200304201	Road Systems	Arterials	ROW	100,000	-	-	-	-	-	-	-	-	-	100,000	-	-
44	Kent	Loockerman Street / Forest Street	04-00041	T200304201	Road Systems	Arterials	C	3,500,000	-	-	-	-	-	-	-	-	-	-	-	-
		Loockerman Street / Forest Street Total						**4,146,830**	**-**	**-**	**-**	**150,000**	**-**	**-**	**150,000**	**-**	**-**	**100,000**	**-**	**-**
12	Kent	SR 1, Little Heaven Grade Separated Intersection	04-00034	T200412202	Road Systems	Arterials	PD	605,360	-	-	-	-	-	-	-	-	-	-	-	-
12	Kent	SR 1, Little Heaven Grade Separated Intersection	04-00034	T200412202	Road Systems	Arterials	PE	5,499,000	10,600	42,400	-	-	-	-	-	-	-	-	-	-
12	Kent	SR 1, Little Heaven Grade Separated Intersection	04-00034	T200412202	Road Systems	Arterials	ROW	19,800,000	-	-	-	-	-	-	-	-	-	-	-	-
12	Kent	SR 1, Little Heaven Grade Separated Intersection	04-00034	T200412202	Road Systems	Arterials	C	37,817,986		4,000,000	16,775	-	15,000,000	-	-	15,000,000	-	-	4,700,000	-
12	Kent	SR 1, Little Heaven Grade Separated Intersection	04-00034	T200412202	Road Systems	Arterials	CE	4,384,682	-	-	-	-	-	-	-	-	-	-	-	-
12	Kent	SR 1, Little Heaven Grade Separated Intersection	04-00034	T200412202	Road Systems	Arterials	Traffic	1,698,900												
12	Kent	SR 1, Little Heaven Grade Separated Intersection	04-00034	T200412202	Road Systems	Arterials	Utilities	6,778,900	6,300,000											
12	Kent	SR 1, Little Heaven Grade Separated Intersection	04-00034	T200412202	Road Systems	Arterials	Conting	3,211,330												
		SR 1, Little Heaven Grade Separated Intersection Total						**79,796,157**	**6,310,600**	**4,042,400**	**16,775**	**-**	**15,000,000**	**-**	**-**	**15,000,000**	**-**	**-**	**4,700,000**	**-**
54	Kent	SR 1, NE Front Street Grade Separated Intersection	09-25000	T201112201	Road Systems	Arterials	PE	661,843	-	-	-	-	-	-	-	-	-	-	-	-
54	Kent	SR 1, NE Front Street Grade Separated Intersection	09-25000	T201112201	Road Systems	Arterials	ROW	6,000,000	-	3,000,000	-	-	3,000,000	-	-	-	-	-	-	-
54	Kent	SR 1, NE Front Street Grade Separated Intersection	09-25000	T201112201	Road Systems	Arterials	C	22,000,000	-	-	-	-	-	-	-	-	-	-	-	-
54	Kent	SR 1, NE Front Street Grade Separated Intersection	09-25000	T201112201	Road Systems	Arterials	Mainter	442,000	-	-	-	-	-	-	-	-	-	-	-	-
		SR 1, NE Front Street Grade Separated Intersection Total						**29,103,843**	**-**	**3,000,000**	**-**	**-**	**3,000,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
89	Kent	SR 1, South Frederica Grade Separated Intersection	07-22503	T200812202	Road Systems	Arterials	PD	489,204	-	-	-	-	-	-	-	-	-	-	-	-
89	Kent	SR 1, South Frederica Grade Separated Intersection	07-22503	T200812202	Road Systems	Arterials	PE	2,888,700	-	-	-	-	-	-	-	-	-	-	-	-
89	Kent	SR 1, South Frederica Grade Separated Intersection	07-22503	T200812202	Road Systems	Arterials	ROW	2,488,734	-	-	-	-	-	-	-	-	-	-	-	-
89	Kent	SR 1, South Frederica Grade Separated Intersection	07-22503	T200812202	Road Systems	Arterials	CE	2,418,685	-	-	-	368,722	1,474,889	-	114,976	459,902.40	-	-	-	-
89	Kent	SR 1, South Frederica Grade Separated Intersection	07-22503	T200812202	Road Systems	Arterials	C	18,299,174	-	-	-	1,000,000	4,000,000	-	1,800,000	7,200,000	-	859,835	3,439,339	-
89	Kent	SR 1, South Frederica Grade Separated Intersection	07-22503	T200812202	Road Systems	Arterials	Utilities	312,510	-	-	-	62,502	250,008	-	-	-	-	-	-	-
89	Kent	SR 1, South Frederica Grade Separated Intersection	07-22503	T200812202	Road Systems	Arterials	Traffic	764,464	-	-	-	64,779	259,116	-	80,000	320,000	-	-	-	-
89	Kent	SR 1, South Frederica Grade Separated Intersection	07-22503	T200812202	Road Systems	Arterials	Conting	1,705,168	-	-	-	-	-	-	-	-	-	341,034	1,364,135	-
		SR 1, South Frederica Grade Separated Intersection Total						**29,366,638**	**-**	**-**	**-**	**1,496,003**	**5,984,013**	**-**	**1,994,976**	**7,979,902**	**-**	**1,200,869**	**4,803,474**	**-**
3	Kent	SR 1, Thompsonville Grade Separated Intersection	04-00036	T200412201	Road Systems	Arterials	PD	685,425	-	-	-	-	-	-	-	-	-	-	-	-
3	Kent	SR 1, Thompsonville Grade Separated Intersection	04-00036	T200412201	Road Systems	Arterials	PE	250,000	-	-	-	-	-	-	-	-	-	-	-	-
3	Kent	SR 1, Thompsonville Grade Separated Intersection	04-00036	T200412201	Road Systems	Arterials	ROW	9,071,000	-	-	-	-	-	-	-	-	-	-	-	-
3	Kent	SR 1, Thompsonville Grade Separated Intersection	04-00036	T200412201	Road Systems	Arterials	CE	2,062,511	204,043	1,050,009	-	-	-	-	-	-	-	-	-	-
3	Kent	SR 1, Thompsonville Grade Separated Intersection	04-00036	T200412201	Road Systems	Arterials	C	12,634,598	1,681,226.46	6,724,905.84	-	-	-	-	-	-	-	-	-	-
3	Kent	SR 1, Thompsonville Grade Separated Intersection	04-00036	T200412201	Road Systems	Arterials	Utilities	135,500	14,600	58,400	-	-	-	-	-	-	-	-	-	-
3	Kent	SR 1, Thompsonville Grade Separated Intersection	04-00036	T200412201	Road Systems	Arterials	Traffic	356,002	58,700	234,802	-	-	-	-	-	-	-	-	-	-
3	Kent	SR 1, Thompsonville Grade Separated Intersection	04-00036	T200412201	Road Systems	Arterials	Conting	947,488	189,498	757,991	-	-	-	-	-	-	-	-	-	-
3	Kent	SR 1, Thompsonville Grade Separated Intersection	04-00036	T200412201	Road Systems	Arterials	Mainter	10,000	2,000	8,000	-	-	-	-	-	-	-	-	-	-
		SR 1, Thompsonville Grade Separated Intersection Total						**26,152,525**	**2,150,067**	**8,834,107**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
58	Kent	US 13 from South Court Street to Loockerman Stree	05-10024		Road Systems	Arterials	PE	500,000	-	-	-	-	-	-	-	-	-	100,000	400,000	-
58	Kent	US 13 from South Court Street to Loockerman Stree	05-10024		Road Systems	Arterials	ROW	3,000,000	-	-	-	-	-	-	-	-	-	-	-	-
58	Kent	US 13 from South Court Street to Loockerman Stree	05-10024		Road Systems	Arterials	C	3,000,000	-	-	-	-	-	-	-	-	-	-	-	-
		US 13 from South Court Street to Loockerman Street Total						**6,500,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100,000**	**400,000**	**-**
73	Kent	HEP KC, SR14 at Killens Pond Road Intersection Ir	**14-00036**		Road Systems	Arterials	PE	20,000	-	-	-	2,000	18,000	-	-	-	-	-	-	-
73	Kent	HEP KC, SR14 at Killens Pond Road Intersection Ir	**14-00036**		Road Systems	Arterials	ROW	30,000	-	-	-	-	-	-	3,000	27,000	-	-	-	-
73	Kent	HEP KC, SR14 at Killens Pond Road Intersection Ir	**14-00036**		Road Systems	Arterials	C	250,000	-	-	-	-	-	-	-	-	-	25,000	225,000	-
		HEP KC, SR14 at Killens Pond Road Intersection Improvement Total						**300,000**	**-**	**-**	**-**	**2,000**	**18,000**	**-**	**3,000**	**27,000**	**-**	**25,000**	**225,000**	**-**
14	Kent	HEP KC, US13 Lochmeath Way to Puncheon Run (	**14-00013**	T201500202	Road Systems	Arterials	PE	4,500,000	350,000	1,400,000	-	350,000	1,400,000	-	-	-	-	-	-	-
14	Kent	HEP KC, US13 Lochmeath Way to Puncheon Run (	**14-00013**	T201500202	Road Systems	Arterials	ROW	2,000,000	-	-	-	-	-	-	-	-	-	-	-	-
14	Kent	HEP KC, US13 Lochmeath Way to Puncheon Run (	**14-00013**	T201500202	Road Systems	Arterials	C	66,000,000	-	-	-	-	-	-	-	-	-	-	-	-
		HEP KC, US13 Lochmeath Way to Puncheon Run Connector Total						**72,500,000**	**350,000**	**1,400,000**	**-**	**350,000**	**1,400,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
27	Kent	HSIP KC, SR300, Glenwood Avenue Safety Improv	10-00300	T201200801	Road Systems	Arterials	PE	20,000	-	-	-	-	-	-	-	-	-	-	-	-
27	Kent	HSIP KC, SR300, Glenwood Avenue Safety Improv	10-00300	T201200801	Road Systems	Arterials	ROW	51,260	-	25,000	-	-	-	-	-	-	-	-	-	-
27	Kent	HSIP KC, SR300, Glenwood Avenue Safety Improv	10-00300	T201200801	Road Systems	Arterials	CE	100,000	20,000	80,000	-	-	-	-	-	-	-	-	-	-
27	Kent	HSIP KC, SR300, Glenwood Avenue Safety Improv	10-00300	T201200801	Road Systems	Arterials	C	1,000,000	200,000	800,000	-	-	-	-	-	-	-	-	-	-
		HSIP KC, SR300, Glenwood Avenue Safety Improvements Total						**1,171,260**	**220,000**	**905,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
33	Kent	Crawford Carroll Road Extension	**14-14101**		Road Systems	Collectors	PE	800,000	400,000	-	-	400,000	-	-	-	-	-	-	-	-
33	Kent	Crawford Carroll Road Extension	**14-14101**		Road Systems	Collectors	ROW	1,200,000	-	-	-	-	-	-	-	-	-	-	600,000	-
33	Kent	Crawford Carroll Road Extension	**14-14101**		Road Systems	Collectors	C	2,200,000	-	-	-	-	-	-	-	-	-	-	-	-
		Crawford Carroll Road Extension Total						**4,200,000**	**400,000**	**-**	**-**	**400,000**	**-**	**-**	**-**	**-**	**-**	**-**	**600,000**	**-**
56	Kent	Kenton Road, SR 8 to Chestnut Grove Road	**14-00104**		Road Systems	Collectors	PE	700,000	70,000	280,000	-	70,000	280,000	-	-	-	-	-	-	-
56	Kent	Kenton Road, SR 8 to Chestnut Grove Road	**14-00104**		Road Systems	Collectors	ROW	960,000	-	-	-	-	-	-			-	-	-	-
56	Kent	Kenton Road, SR 8 to Chestnut Grove Road	**14-00104**		Road Systems	Collectors	C	3,000,000	-	-	-	-	-	-	-	-	-			-
		Kenton Road, SR 8 to Chestnut Grove Road Total						**4,660,000**	**70,000**	**280,000**	**-**	**70,000**	**280,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
57	Kent	West Dover Connector	04-00801	T200411701	Road Systems	Collectors	PD	3,970,804	-	-	-	-	-	-	-	-	-	-	-	-
57	Kent	West Dover Connector	04-00801	T200411701	Road Systems	Collectors	PE	3,350,000	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX E - ANNUAL LISTING OF PROJECTS
KENT COUNTY

Priority	County	Project Title	P6	Finance #	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
57	Kent	West Dover Connector	04-00801	T200411701	Road Systems	Collectors	ROW	13,621,300	-	2,000,000	-	-	-	-	-	-	-	-	-	-
57	Kent	West Dover Connector	04-00801	T200411701	Road Systems	Collectors	CE	3,594,583					3,593,583							
57	Kent	West Dover Connector	04-00801	T200411701	Road Systems	Collectors	C	31,643,857	-	27,725,315	-	-	97,924	-	-	-	-	-	-	-
57	Kent	West Dover Connector	04-00801	T200411701	Road Systems	Collectors	Utilities	1,962,379	-	59,820	-	-	-	-	-	-	-	-	-	-
57	Kent	West Dover Connector	04-00801	T200411701	Road Systems	Collectors	Traffic	1,011,909	-	711,909	-	-	-	-	-	-	-	-	-	-
57	Kent	West Dover Connector	04-00801	T200411701	Road Systems	Collectors	Conting	2,055,669	-	1,502,957	-	-	552,712	-	-	-	-	-	-	-
57	Kent	West Dover Connector	04-00801	T200411701	Road Systems	Collectors	Manage	273,684	-	-	-	-	-	-	-	-	-	-	-	-
		West Dover Connector Total						**61,484,186**	**-**	**32,000,000**	**-**	**-**	**4,244,219**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	Kent and Sussex County Pipe Replacements, State,	14-02126	T201407502	Road Systems	**Bridge**	PE	85,000	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	Kent and Sussex County Pipe Replacements, State,	14-02126	T201407502	Road Systems	**Bridge**	C	3,730,000	1,415,000	-	-	1,415,000	-	-	-	-	-	-	-	-
		Kent and Sussex County Pipe Replacements, State, Open-End Total						**3,815,000**	**1,415,000**	**-**	**-**	**1,415,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
72	Kent	HEP KC, SR10 & SR15 Intersection Improvements	12-14777	T201200802	Road Systems	**Collectors**	PE	38,000	-	-	-	-	-	-	-	-	-	-	-	-
72	Kent	HEP KC, SR10 & SR15 Intersection Improvements	12-14777	T201200802	Road Systems	**Collectors**	ROW	200,000	20,000	180,000	-	-	-	-	-	-	-	-	-	-
72	Kent	HEP KC, SR10 & SR15 Intersection Improvements	12-14777	T201200802	Road Systems	**Collectors**	C	1,000,000	-	-	-	200,000	800,000	-	-	-	-	-	-	-
		HEP KC, SR10 & SR15 Intersection Improvements Total						**1,238,000**	**20,000**	**180,000**	**-**	**200,000**	**800,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	BR 2-031A on Irish Hill Road over Double Run Cre	13-02031	T201407202	Road Systems	Bridge	PE	40,000	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-031A on Irish Hill Road over Double Run Cre	13-02031	T201407202	Road Systems	Bridge	ROW	12,000	2,400	9,600	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-031A on Irish Hill Road over Double Run Cre	13-02031	T201407202	Road Systems	Bridge	C	705,000	-	-	-	141,000	564,000	-	-	-	-	-	-	-
		BR 2-031A on Irish Hill Road over Double Run Creek Total						**757,000**	**2,400**	**9,600**	**-**	**141,000**	**564,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	BR 2-050A on SR8 Halltown Road over Beaverdam	14-02050	T201407204	Road Systems	Bridge	PE	35,000	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-050A on SR8 Halltown Road over Beaverdam	14-02050	T201407204	Road Systems	Bridge	ROW	10,000	2,000	8,000	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-050A on SR8 Halltown Road over Beaverdam	14-02050	T201407204	Road Systems	Bridge	C	505,000	-	-	-	101,000	404,000	-	-	-	-	-	-	-
		BR 2-050A on SR8 Halltown Road over Beaverdam Ditch Total						**550,000**	**2,000**	**8,000**	**-**	**101,000**	**404,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	BR 2-052B on Westville Road over Almshouse Bra	**14-02052**	T201407206	Road Systems	Bridge	PE	30,000												
SOGR	Kent	BR 2-052B on Westville Road over Almshouse Bra	**14-02052**	T201407206	Road Systems	Bridge	ROW	12,000	2,400	9,600										
SOGR	Kent	BR 2-052B on Westville Road over Almshouse Bra	**14-02052**	T201407206	Road Systems	Bridge	C	360,000				72,000	288,000							
		BR 2-052B on Westville Road over Almshouse Branch Total						**402,000**	**2,400**	**9,600**	**-**	**72,000**	**288,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	BR 2-114E on Todds Chapel Road over Quarter Bra	**14-02114**	T201407207	Road Systems	Bridge	PE	30,000												
SOGR	Kent	BR 2-114E on Todds Chapel Road over Quarter Bra	**14-02114**	T201407207	Road Systems	Bridge	ROW	12,000	2,400	9,600										
SOGR	Kent	BR 2-114E on Todds Chapel Road over Quarter Bra	**14-02114**	T201407207	Road Systems	Bridge	C	360,000				72,000	288,000							
		BR 2-114E on Todds Chapel Road over Quarter Branch Total						**402,000**	**2,400**	**9,600**	**-**	**72,000**	**288,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	BR 2-234A on Lake Front Drive over Red House Br	14-02234	T201407208	Road Systems	Bridge	PE	44,000	22,000											
SOGR	Kent	BR 2-234A on Lake Front Drive over Red House Br	14-02234	T201407208	Road Systems	Bridge	ROW	12,000												
SOGR	Kent	BR 2-234A on Lake Front Drive over Red House Br	14-02234	T201407208	Road Systems	Bridge	C	300,000												
		BR 2-234A on Lake Front Drive over Red House Branch Total						**356,000**	**22,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	BR 2-265B on Spider Web Road over White Marsh	13-02265	T201307202	Road Systems	Bridge	PE	35,200	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-265B on Spider Web Road over White Marsh	13-02265	T201307202	Road Systems	Bridge	ROW	22,000	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-265B on Spider Web Road over White Marsh	13-02265	T201307202	Road Systems	Bridge	C	280,345	56,069	224,276	-	-	-	-	-	-	-	-	-	-
		BR 2-265B on Spider Web Road over White Marsh Branch Total						**337,545**	**56,069**	**224,276**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	BR 2-317A on K317 Shorts Landing Road over Tril	14-02317	T201407203	Road Systems	Bridge	PE	14,000	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-317A on K317 Shorts Landing Road over Tril	14-02317	T201407203	Road Systems	Bridge	ROW	25,000	25,000	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-317A on K317 Shorts Landing Road over Tril	14-02317	T201407203	Road Systems	Bridge	C	208,000	-	-	-	-	-	-	-	-	-	-	-	-
		BR 2-317A on K317 Shorts Landing Road over Tributary to Duck Creek Total						**247,000**	**25,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	BR 2-388C on SR 15 Canterbury Road over Ward E	13-02388	T201407201	Road Systems	Bridge	PE	47,300	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-388C on SR 15 Canterbury Road over Ward E	13-02388	T201407201	Road Systems	Bridge	ROW	27,500	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	BR 2-388C on SR 15 Canterbury Road over Ward E	13-02388	T201407201	Road Systems	Bridge	C	196,220	39,244	156,976	-	-	-	-	-	-	-	-	-	-
		BR 2-388C on SR 15 Canterbury Road over Ward Branch Total						**271,020**	**39,244**	**156,976**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	Kent and Sussex County Pipe Replacements, BR 2-	12-11111	T201207504	Road Systems	Bridge	PE	75,000	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	Kent and Sussex County Pipe Replacements, BR 2-	12-11111	T201207504	Road Systems	Bridge	ROW	60,000	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	Kent and Sussex County Pipe Replacements, BR 2-	12-11111	T201207504	Road Systems	Bridge	C	915,000	915,000	-	-	-	-	-	-	-	-	-	-	-
		Kent and Sussex County Pipe Replacements, BR 2-125A, BR2-126A, BR 2-156B Total						**1,050,000**	**915,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	Removal of BR 2-357P Pedestrian Bridge over St. J	13-02222	T201407501	Road Systems	Bridge	PE	25,300	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	Removal of BR 2-357P Pedestrian Bridge over St. J	13-02222	T201407501	Road Systems	Bridge	ROW	22,000	22,000	-	-	-	-	-	-	-	-	-	-	-
SOGR	Kent	Removal of BR 2-357P Pedestrian Bridge over St. J	13-02222	T201407501	Road Systems	Bridge	C	171,050	-	-	-	171,050	-	-	-	-	-	-	-	-
		Removal of BR 2-357P Pedestrian Bridge over St. Jones River Total						**218,350**	**22,000**	**-**	**-**	**171,050**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
98	Kent	Dover Facility Bus Parking Reconfiguration	10-12145	T201253106	Transit Systems	Facilities	PE	96,866	10,366	-	-	-	-	-	-	-	-	-	-	-
98	Kent	Dover Facility Bus Parking Reconfiguration	10-12145	T201253106	Transit Systems	Facilities	C	500,000	-	-	-	-	-	-	-	-	-	-	-	-
		Dover Facility Bus Parking Reconfiguration Total						**596,866**	**10,366**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SOGR	Kent	Preventive Maintenance - Kent County	07-30223		Transit Systems	Vehicles	Procure	900,000	-	95,400	23,900	-	95,400	23,900	-	95,400	23,900	-	95,400	23,900
		Preventive Maintenance - Kent County Total						**900,000**	**-**	**95,400**	**23,900**	**-**	**95,400**	**23,900**	**-**	**95,400**	**23,900**	**-**	**95,400**	**23,900**
#	Kent	Transit Vehicle Expansion (2) 30' Low Floor FY18	07-22400		Transit Systems	Vehicles	Procure	1,002,700	-	-	-	-	-	-	200,540	802,160	-	-	-	-
		Transit Vehicle Expansion (2) 30' Low Floor FY18 Total						**1,002,700**	**-**	**-**	**-**	**-**	**-**	**-**	**200,540**	**802,160**	**-**	**-**	**-**	**-**
SOGR	Kent	Transit Vehicle Replacement (4) 30' Low Floor Bus	12-90017		Transit Systems	Vehicles	Procure	1,954,400	-	-	-	-	-	-	-	-	-	390,880	1,563,520	-
		Transit Vehicle Replacement (4) 30' Low Floor Buses KC FY19 Total						**1,954,400**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**390,880**	**1,563,520**	**-**
SOGR	Kent	Transit Vehicle Replacement Paratransit Buses Ken	07-22405		Transit Systems	Vehicles	Procure	9,448,500	-	1,448,500	-	527,920	2,111,680	-	189,140	756,560	-	413,960	1,655,840	-
		Transit Vehicle Replacement Paratransit Buses Kent FY14-19 Total						**9,448,500**	**-**	**1,448,500**	**-**	**527,920**	**2,111,680**	**-**	**189,140**	**756,560**	**-**	**413,960**	**1,655,840**	**-**
SOGR	Kent	Transit Vehicle Replacement Support Vehicles Ken	07-22406		Transit Systems	Vehicles	Procure	322,100	-	-	-	104,600	-	-	83,700	-	-	83,700	-	-
		Transit Vehicle Replacement Support Vehicles Kent FY14-19 Total						**322,100**	**-**	**-**	**-**	**104,600**	**-**	**-**	**83,700**	**-**	**-**	**83,700**	**-**	**-**
	Kent Total							**348,249,919**	**12,034,546**	**52,603,459**	**40,675**	**5,272,573**	**34,477,312**	**23,900**	**2,621,356**	**24,661,022**	**23,900**	**2,364,409**	**14,493,234**	**23,900**

APPENDIX E-B
Listing of Funded Projects

Statewide

APPENDIX E - ANNUAL LISTING OF PROJECTS
STATEWIDE

Priority	County	Project Title	P6	Category	Class	Family	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
DED	Statewide	Recreational Trails	07-22613	Road Systems	Local	Local	Program	10,981,928	-	1,080,000	270,000	-	1,080,000	270,000	-	905,680	226,420	-	905,680	226,420
		Recreational Trails Total						**10,981,928**	**-**	**1,080,000**	**270,000**	**-**	**1,080,000**	**270,000**	**-**	**905,680**	**226,420**	**-**	**905,680**	**226,420**
SOGR	Statewide	Bridge Inspection Program	14-07002	Road Systems	Bridge	Bridge Managemen	PE	21,200,000	750,000	2,400,000	-	750,000	2,400,000	-	750,000	2,400,000	-	750,000	2,400,000	-
		Bridge Inspection Program Total						**21,200,000**	**750,000**	**2,400,000**	**-**	**750,000**	**2,400,000**	**-**	**750,000**	**2,400,000**	**-**	**750,000**	**2,400,000**	**-**
SOGR	Statewide	Bridge Management	05-10003	Road Systems	Bridge	Bridge Managemen	Program	27,125,000	820,000	2,280,000	-	820,000	2,280,000	-	820,000	2,280,000	-	820,000	2,280,000	-
		Bridge Management Total						**27,125,000**	**820,000**	**2,280,000**	**-**	**820,000**	**2,280,000**	**-**	**820,000**	**2,280,000**	**-**	**820,000**	**2,280,000**	**-**
SOGR	Statewide	Bridge Painting	15-07002	Road Systems	Bridge	Bridge Managemen	Program	18,000,000		1,524,000			2,000,000			2,000,000		400,000	1,600,000	
		Bridge Painting Total						**18,000,000**	**-**	**1,524,000**	**-**	**-**	**2,000,000**	**-**	**-**	**2,000,000**	**-**	**400,000**	**1,600,000**	**-**
SOGR	Statewide	Bridge Preservation Program	05-10006	Road Systems	Bridge	Bridge Preservation	Program	109,087,500	185,600	742,400	-	400,000	10,600,000	-	2,900,000	11,600,000	-	3,400,000	13,600,000	-
		Bridge Preservation Program Total						**109,087,500**	**185,600**	**742,400**	**-**	**400,000**	**10,600,000**	**-**	**2,900,000**	**11,600,000**	**-**	**3,400,000**	**13,600,000**	**-**
SOGR	Statewide	Dam Preservation Program	14-99999	Road Systems	Bridge	Bridge Preservation	Program	13,750,000	1,321,000	-	-	750,000	-	1,000,000	750,000	-	-	1,750,000	-	-
		Dam Preservation Program Total						**13,750,000**	**1,321,000**	**-**	**-**	**750,000**	**-**	**1,000,000**	**750,000**	**-**	**-**	**1,750,000**	**-**	**-**
DED	Statewide	Transportation Enhancements	05-10048	Road Systems	Transportation Enh	Transportation Enh	Program	39,490,100	278,100	3,912,400	-	763,100	3,052,400	-	112,400	2,844,600	-	711,150	2,844,600	-
		Transportation Enhancements Total						**39,490,100**	**278,100**	**3,912,400**	**-**	**763,100**	**3,052,400**	**-**	**112,400**	**2,844,600**	**-**	**711,150**	**2,844,600**	**-**
SOGR	Statewide	Paving and Rehabilitation	05-10038	Road Systems	Paving	Paving Program	Program	489,800,000	34,300,000	22,800,000	-	40,800,000	26,800,000	-	27,800,000	24,800,000	-	29,500,000	25,800,000	-
		Paving and Rehabilitation Total						**489,800,000**	**34,300,000**	**22,800,000**	**-**	**40,800,000**	**26,800,000**	**-**	**27,800,000**	**24,800,000**	**-**	**29,500,000**	**25,800,000**	**-**
SOGR	Statewide	Signage and Pavement Markings	05-10045	Road Systems	Signage & Paveme	Signage and Pavem	Program	22,400,000	2,272,000	1,000,000	-	2,272,000	800,000	-	2,272,000	800,000	-	2,272,000	800,000	-
		Signage and Pavement Markings Total						**22,400,000**	**2,272,000**	**1,000,000**	**-**	**2,272,000**	**800,000**	**-**	**2,272,000**	**800,000**	**-**	**2,272,000**	**800,000**	**-**
SOGR	Statewide	Materials and Minor Contracts	05-10031	Road Systems	Materials & Minor	Materials & Minor	Program	37,343,040	5,050,000	-	-	5,250,000	-	-	5,075,000	-	-	5,050,000	-	-
		Materials and Minor Contracts Total						**37,343,040**	**5,050,000**	**-**	**-**	**5,250,000**	**-**	**-**	**5,075,000**	**-**	**-**	**5,050,000**	**-**	**-**
DED	Statewide	Rail Crossing Safety	05-10040	Road Systems	Rail Crossing Safe	Rail Crossing Safet	PD	706,000	9,000	81,000	-	9,000	81,000	-	9,000	81,000	-	9,000	81,000	-
DED	Statewide	Rail Crossing Safety	05-10040	Road Systems	Rail Crossing Safe	Rail Crossing Safet	C	10,536,292	260,589	1,161,111	-	260,589	1,161,111	-	321,500	1,100,000	-	321,500	1,100,000	-
		Rail Crossing Safety Total						**11,242,292**	**269,589**	**1,242,111**	**-**	**269,589**	**1,242,111**	**-**	**330,500**	**1,181,000**	**-**	**330,500**	**1,181,000**	**-**
SOGR	Statewide	Ride Ability	09-61922	Road Systems	Rail Crossing Safe	Rail Crossing Safet	C	400,000	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	Statewide	Ride Ability	09-61922	Road Systems	Rail Crossing Safe	Rail Crossing Safet	Utilities	5,500,000	400,000	-	-	100,000	-	-	100,000	-	-	100,000	-	-
		Ride Ability Total						**5,900,000**	**400,000**	**-**	**-**	**100,000**	**-**	**-**	**100,000**	**-**	**-**	**100,000**	**-**	**-**
SOGR	Statewide	Hazard Elimination Program	10-10006	Road Systems	Safety	Safety Improvemen	Program	17,111,110	30,000	2,714,444		244,444	2,200,000		244,444	2,200,000		244,444	2,200,000	
		Hazard Elimination Program Total						**17,111,110**	**30,000**	**2,714,444**	**-**	**244,444**	**2,200,000**	**-**	**244,444**	**2,200,000**	**-**	**244,444**	**2,200,000**	**-**
SOGR	Statewide	High Risk Rural Roads Program	10-10007	Road Systems	Safety	Safety Improvemen	Program	1,673,333		277,778		27,778	250,000		27,778	250,000		27,778	250,000	
		High Risk Rural Roads Program Total						**1,673,333**	**-**	**277,778**	**-**	**27,778**	**250,000**	**-**	**27,778**	**250,000**	**-**	**27,778**	**250,000**	**-**
SOGR	Statewide	Safety Program 80/20		Road Systems	Safety	Safety Improvemen	Program Funding											450,000	1,800,000	
		Safety Program 80/20 Total						**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**450,000**	**1,800,000**	**-**
SOGR	Statewide	Safety Program 90/10		Road Systems	Safety	Safety Improvemen	Program Funding			-	-		-	-		-	-	433,333	3,900,000	-
		Safety Program 90/10 Total						**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**433,333**	**3,900,000**	**-**
SOGR	Statewide	Section 154 Penalty Transfer (Sanction) Program	14-11002	Road Systems	Safety	Safety Improvemen	Program	11,325,000		2,265,000			2,265,000			2,265,000			2,265,000	
		Section 154 Penalty Transfer (Sanction) Program Total						**11,325,000**	**-**	**2,265,000**	**-**	**-**	**2,265,000**	**-**	**-**	**2,265,000**	**-**	**-**	**2,265,000**	**-**
MGT	Statewide	Traffic Calming	05-10047	Road Systems	Traffic Calming	Traffic Calming Pr	Program	3,050,464	200,000	-	-	150,000	-	-	150,000	-	-	150,000	-	-
		Traffic Calming Total						**3,050,464**	**200,000**	**-**	**-**	**150,000**	**-**	**-**	**150,000**	**-**	**-**	**150,000**	**-**	**-**
SOGR	Statewide	Intersection Improvements	05-10030	Road Systems	Intersection Impro	Intersection Improv	Program	29,800,000	1,468,000	1,000,000	600,000	1,468,000	800,000	600,000	1,468,000	800,000	600,000	1,468,000	800,000	600,000
		Intersection Improvements Total						**29,800,000**	**1,468,000**	**1,000,000**	**600,000**	**1,468,000**	**800,000**	**600,000**	**1,468,000**	**800,000**	**600,000**	**1,468,000**	**800,000**	**600,000**
REQ	Statewide	Engineering and Contingency	05-10188	Road Systems	Engineering & Co	Engineering and Co	Program	176,000,000	25,845,000	-	-	25,845,000	-	-	25,845,000	-	-	25,845,000	-	-
		Engineering and Contingency Total						**176,000,000**	**25,845,000**	**-**	**-**	**25,845,000**	**-**	**-**	**25,845,000**	**-**	**-**	**25,845,000**	**-**	**-**
REQ	Statewide	Environmental Improvements	05-10029	Road Systems	Engineering & Co	Environmental Imp	Planning	3,927,500	504,500	18,000	-	504,500	18,000	-	504,500	18,000	-	504,500	18,000	-
		Environmental Improvements Total						**3,927,500**	**504,500**	**18,000**	**-**	**504,500**	**18,000**	**-**	**504,500**	**18,000**	**-**	**504,500**	**18,000**	**-**
MGT	Statewide	Bicycle, Pedestrian and other Improvements	05-10007	Road Systems	Bicycle/Pedestrian	Bicycle, Pedestrian	C	14,223,000	-	1,250,000	-	250,000	1,000,000	-	250,000	1,000,000	-	500,000	2,000,000	-
		Bicycle, Pedestrian and other Improvements Total						**14,223,000**	**-**	**1,250,000**	**-**	**250,000**	**1,000,000**	**-**	**250,000**	**1,000,000**	**-**	**500,000**	**2,000,000**	**-**
DED	Statewide	Safe Routes to School	07-22601	Road Systems	Planning	Safe Routes to Sch	Program	5,264,800	-	526,769	-	-	526,769	-	-	800,000	-	-	400,000	-
		Safe Routes to School Total						**5,264,800**	**-**	**526,769**	**-**	**-**	**526,769**	**-**	**-**	**800,000**	**-**	**-**	**400,000**	**-**
DED	Statewide	Scenic Byways	10-00010	Road Systems	Planning	Scenic Byways	Program	507,015	4,000	659,700	153,500	-	-	-	-	-	-	-	-	-
		Scenic Byways Total						**507,015**	**4,000**	**659,700**	**153,500**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
DED	Statewide	Education and Training	11-10304	Support Systems	Engineering & Co	Engineering and Co	Audit	1,400,000	-	200,000	-	-	200,000	-	-	200,000	-	-	200,000	-
		Education and Training Total						**1,400,000**	**-**	**200,000**	**-**	**-**	**200,000**	**-**	**-**	**200,000**	**-**	**-**	**200,000**	**-**
DED	Statewide	Aeronautics Planning	07-22611	Support Systems	Aeronautics	Aeronautics	Program	1,102,000	16,000	160,000	-	16,000	160,000	-	16,000	160,000	-	16,000	160,000	-
		Aeronautics Planning Total						**1,102,000**	**16,000**	**160,000**	**-**	**16,000**	**160,000**	**-**	**16,000**	**160,000**	**-**	**16,000**	**160,000**	**-**
DED	Statewide	Aeronautics Program Development	07-22610	Support Systems	Aeronautics	Aeronautics	Program	8,923,427	280,000	-	-	280,000	-	-	280,000	-	-	280,000	-	-
		Aeronautics Program Development Total						**8,923,427**	**280,000**	**-**	**-**	**280,000**	**-**	**-**	**280,000**	**-**	**-**	**280,000**	**-**	**-**
SOGR	Statewide	Heavy Equipment Program	05-10185	Support Systems	Heavy Equipment	Equipment	Program	65,000,000	8,400,000	-	-	8,400,000	-	-	8,800,000	-	-	8,800,000	-	-
		Heavy Equipment Program Total						**65,000,000**	**8,400,000**	**-**	**-**	**8,400,000**	**-**	**-**	**8,800,000**	**-**	**-**	**8,800,000**	**-**	**-**
MGT	Statewide	Federal Land Access Program Total	15-99300	Support Systems	Planning	Planning	Program	180,000	6,000	24,000		6,000	24,000							
		Federal Land Access Program Total Total						**180,000**	**6,000**	**24,000**	**-**	**6,000**	**24,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
DED	Statewide	Local Transportation Assistance Program	07-22605	Support Systems	Planning	Planning	Program	2,040,000	170,000	170,000	-	170,000	170,000	-	170,000	170,000	-	170,000	170,000	-
		Local Transportation Assistance Program Total						**2,040,000**	**170,000**	**170,000**	**-**	**170,000**	**170,000**	**-**	**170,000**	**170,000**	**-**	**170,000**	**170,000**	**-**
DED	Statewide	Metropolitan Planning Organization / FHWA	07-22603	Support Systems	Planning	Planning	Program	12,883,500	423,848	1,695,391	-	423,848	1,695,391	-	423,848	1,695,391	-	423,848	1,695,391	-

APPENDIX E - ANNUAL LISTING OF PROJECTS
STATEWIDE

Priority	County	Project Title	P6	Category	Class	Family	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
		Metropolitan Planning Organization / FHWA Total						**12,883,500**	**423,848**	**1,695,391**	**-**	**423,848**	**1,695,391**	**-**	**423,848**	**1,695,391**	**-**	**423,848**	**1,695,391**	**-**
DED	Statewide	Metropolitan Planning Organization / FTA	07-22604	Support Systems	Planning	Planning	Program	2,809,200	93,650	374,600	-	93,650	374,600	-	93,650	374,600	-	93,600	374,600	-
		Metropolitan Planning Organization / FTA Total						**2,809,200**	**93,650**	**374,600**	**-**	**93,650**	**374,600**	**-**	**93,650**	**374,600**	**-**	**93,600**	**374,600**	**-**
REQ	Statewide	Pedestrian ADA Accessibility	14-22614	Support Systems	Planning	Planning	Program	18,000,000	500,000	-	-	500,000	-	-	1,000,000	-	-	1,000,000	-	-
		Pedestrian ADA Accessibility Total						**18,000,000**	**500,000**	**-**	**-**	**500,000**	**-**	**-**	**1,000,000**	**-**	**-**	**1,000,000**	**-**	**-**
MGT	Statewide	Planning Program Development	07-22602	Support Systems	Planning	Planning	Program	9,005,257	1,180,000	-	-	1,180,000	-	-	1,280,000	-	-	1,280,000	-	-
		Planning Program Development Total						**9,005,257**	**1,180,000**	**-**	**-**	**1,180,000**	**-**	**-**	**1,280,000**	**-**	**-**	**1,280,000**	**-**	**-**
DED	Statewide	Rural Technical Assistance Program	07-22606	Support Systems	Planning	Planning	Program	486,600	-	78,200	-	-	78,200	-	-	78,200	-	-	78,200	-
		Rural Technical Assistance Program Total						**486,600**	**-**	**78,200**	**-**	**-**	**78,200**	**-**	**-**	**78,200**	**-**	**-**	**78,200**	**-**
DED	Statewide	Statewide Planning & Research Program / FHWA	07-22608	Support Systems	Planning	Planning	Program	22,000,000	659,300	2,637,000	-	659,300	2,637,000	-	659,300	2,637,000	-	659,300	2,637,000	-
		Statewide Planning & Research Program / FHWA Total						**22,000,000**	**659,300**	**2,637,000**	**-**	**659,300**	**2,637,000**	**-**	**659,300**	**2,637,000**	**-**	**659,300**	**2,637,000**	**-**
DED	Statewide	Statewide Planning & Research Program / FTA	07-22609	Support Systems	Planning	Planning	Planning	796,870	24,900	99,400	-	24,900	99,400	-	24,900	99,400	-	24,900	99,400	-
		Statewide Planning & Research Program / FTA Total						**796,870**	**24,900**	**99,400**	**-**	**24,900**	**99,400**	**-**	**24,900**	**99,400**	**-**	**24,900**	**99,400**	**-**
REQ	Statewide	Truck Weigh Enforcement	14-22615	Support Systems	Planning	Planning	Program	2,370,000	395,000	-	-	395,000	-	-	395,000	-	-	395,000	-	-
		Truck Weigh Enforcement Total						**2,370,000**	**395,000**	**-**	**-**	**395,000**	**-**	**-**	**395,000**	**-**	**-**	**395,000**	**-**	**-**
MGT	Statewide	University Research Program	14-22616	Support Systems	Planning	Planning	Program	1,500,000	250,000	-	-	250,000	-	-	250,000	-	-	250,000	-	-
		University Research Program Total						**1,500,000**	**250,000**	**-**	**-**	**250,000**	**-**	**-**	**250,000**	**-**	**-**	**250,000**	**-**	**-**
DED	Statewide	Disadvantaged Business Enterprise	09-22100	Support Systems	Technology	Technology	Program	875,000	-	279,660	-	-	125,000	-	-	125,000	-	-	125,000	-
		Disadvantaged Business Enterprise Total						**875,000**	**-**	**279,660**	**-**	**-**	**125,000**	**-**	**-**	**125,000**	**-**	**-**	**125,000**	**-**
SOGR	Statewide	DMV Mainframe Modernization Project FY2013	13-23456	Support Systems	Technology	Technology	IT Deve	19,000,000	5,000,000	-	-	3,000,030	-	-	2,500,000	-	-	-	-	-
		DMV Mainframe Modernization Project FY2013 Total						**19,000,000**	**5,000,000**	**-**	**-**	**3,000,030**	**-**	**-**	**2,500,000**	**-**	**-**	**-**	**-**	**-**
SOGR	Statewide	Information Technology Initiatives Program	09-12345	Support Systems	Technology	Technology	Program	52,152,000	7,640,000	-	-	6,940,000	-	-	7,940,000	-	-	7,940,000	-	-
		Information Technology Initiatives Program Total						**52,152,000**	**7,640,000**	**-**	**-**	**6,940,000**	**-**	**-**	**7,940,000**	**-**	**-**	**7,940,000**	**-**	**-**
DED	Statewide	On the Job Training / Supportive Services	11-22190	Support Systems	Technology	Technology	Program	700,000	-	110,255	-	-	100,000	-	-	100,000	-	-	100,000	-
		On the Job Training / Supportive Services Total						**700,000**	**-**	**110,255**	**-**	**-**	**100,000**	**-**	**-**	**100,000**	**-**	**-**	**100,000**	**-**
DED	Statewide	Summer Transportation Institute Program	10-11101	Support Systems	Technology	Technology	Program	393,360	13,750	55,000	-	13,750	55,000	-	13,750	55,000	-	13,750	55,000	-
		Summer Transportation Institute Program Total						**393,360**	**13,750**	**55,000**	**-**	**13,750**	**55,000**	**-**	**13,750**	**55,000**	**-**	**13,750**	**55,000**	**-**
SOGR	Statewide	Transportation Facilities - Administration	09-20145	Support Systems	Transportation Fac	Transportation Faci	Program	5,000,000	700,000	-	-	700,000	-	-	800,000	-	-	800,000	-	-
		Transportation Facilities - Administration Total						**5,000,000**	**700,000**	**-**	**-**	**700,000**	**-**	**-**	**800,000**	**-**	**-**	**800,000**	**-**	**-**
SOGR	Statewide	Transportation Facilities - Operations	05-10067	Support Systems	Transportation Fac	Transportation Faci	Program	41,600,000	4,900,000	-	-	4,900,000	-	-	4,900,000	-	-	4,900,000	-	-
		Transportation Facilities - Operations Total						**41,600,000**	**4,900,000**	**-**	**-**	**4,900,000**	**-**	**-**	**4,900,000**	**-**	**-**	**4,900,000**	**-**	**-**
MGT	Statewide	Traffic Signal Revolving Fund Program	11-19001	Support Systems	Transportation Mg	Traffic Signal Revo	Traffic	1,544,400	125,000	-	-	125,000	-	-	125,000	-	-	125,000	-	-
		Traffic Signal Revolving Fund Program Total						**1,544,400**	**125,000**	**-**	**-**	**125,000**	**-**	**-**	**125,000**	**-**	**-**	**125,000**	**-**	**-**
REQ	Statewide	MUTCD Compliance Project	13-10046	Support Systems	Transportation Mg	Transportation Man	Traffic	24,000,000	-	5,000,000	-	-	6,000,000	-	400,000	1,600,000	-	400,000	1,600,000	-
		MUTCD Compliance Project Total						**24,000,000**	**-**	**5,000,000**	**-**	**-**	**6,000,000**	**-**	**400,000**	**1,600,000**	**-**	**400,000**	**1,600,000**	**-**
MGT	Statewide	Rideshare Program / Trip Mitigation	07-22612	Support Systems	Transportation Mg	Transportation Man	Program	3,330,000	30,000	360,000	90,000	30,000	360,000	90,000	30,000	360,000	90,000	30,000	360,000	90,000
		Rideshare Program / Trip Mitigation Total						**3,330,000**	**30,000**	**360,000**	**90,000**	**30,000**	**360,000**	**90,000**	**30,000**	**360,000**	**90,000**	**30,000**	**360,000**	**90,000**
MGT	Statewide	Transportation Management Improvements	05-10186	Support Systems	Transportation Mg	Transportation Man	Program	52,593,550	1,000,000	4,000,000	-	1,000,000	5,900,000	-	1,000,000	5,900,000	-	1,000,000	5,900,000	-
		Transportation Management Improvements Total						**52,593,550**	**1,000,000**	**4,000,000**	**-**	**1,000,000**	**5,900,000**	**-**	**1,000,000**	**5,900,000**	**-**	**1,000,000**	**5,900,000**	**-**
SOGR	Statewide	Bus Stop Improvement Program	05-10501	Transit Systems	Facilities	Transit Facilities	Program	6,140,000	1,000,000	-	-	100,000	-	-	1,000,000	-	-	100,000	-	-
		Bus Stop Improvement Program Total						**6,140,000**	**1,000,000**	**-**	**-**	**100,000**	**-**	**-**	**1,000,000**	**-**	**-**	**100,000**	**-**	**-**
SOGRx	Statewide	Transit Safety/Security Improvements	14-30714	Transit Systems	Facilities	Transit Facilities	Procure	3,000,000	500,000			500,000			500,000			500,000		
		Transit Safety/Security Improvements Total						**3,000,000**	**500,000**	**-**	**-**	**500,000**	**-**	**-**	**500,000**	**-**	**-**	**500,000**	**-**	**-**
FUND	Statewide	Rail Preservation	05-30392	Transit Systems	Rail	Rail Preservation	C	3,800,000	300,000	-	-	300,000	-	-	300,000	-	-	300,000	-	-
		Rail Preservation Total						**3,800,000**	**300,000**	**-**	**-**	**300,000**	**-**	**-**	**300,000**	**-**	**-**	**300,000**	**-**	**-**
DED	Statewide	Job Access Reverse Commute (JARC) Program	08-70008	Transit Systems	Vehicles	Transit Vehicles	Program	4,244,400	-	340,926	340,926	-	340,926	340,926	-	340,926	340,926	-	340,926	340,926
		Job Access Reverse Commute (JARC) Program Total						**4,244,400**	**-**	**340,926**	**340,926**	**-**	**340,926**	**340,926**	**-**	**340,926**	**340,926**	**-**	**340,926**	**340,926**
SOGR	Statewide	Maintenance Equipment and Tools (Transit) Progra	05-02043	Transit Systems	Vehicles	Transit Vehicles	Procure	1,009,600	142,500	-	-	126,500	-	-	194,200	-	-	194,200	-	-
		Maintenance Equipment and Tools (Transit) Program Total						**1,009,600**	**142,500**	**-**	**-**	**126,500**	**-**	**-**	**194,200**	**-**	**-**	**194,200**	**-**	**-**
DED	Statewide	New Freedom Program Statewide 50/50	09-19005	Transit Systems	Vehicles	Transit Vehicles	Planning	3,232,515	257,736	257,736	-	257,736	257,736	-	257,736	257,736	-	257,736	257,736	-
		New Freedom Program Statewide 50/50 Total						**3,232,515**	**257,736**	**257,736**	**-**	**257,736**	**257,736**	**-**	**257,736**	**257,736**	**-**	**257,736**	**257,736**	**-**
SOGRx	Statewide	Taxi Pilot Equipment Start-up	14-41814	Transit Systems	Vehicles	Transit Vehicles	Procure	420,000	140,000			140,000								
		Taxi Pilot Equipment Start-up Total						**420,000**	**140,000**	**-**	**-**	**140,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MGT	Statewide	Transit Vehicle Replacement 5310 Program - Statev	11-53101	Transit Systems	Vehicles	Transit Vehicles	Procure	9,366,448	-	470,451	-	-	470,451	-	117,613	470,451	-	117,613	470,451	-
		Transit Vehicle Replacement 5310 Program - Statewide Total						**9,366,448**	**-**	**470,451**	**-**	**-**	**470,451**	**-**	**117,613**	**470,451**	**-**	**117,613**	**470,451**	**-**
SOGR	Statewide	Transit Vehicles - Support Vehicles - Statewide	09-11002	Transit Systems	Vehicles	Transit Vehicles	Procure	326,800	76,800	-	-	52,700	-	-	50,000	-	-	50,000	-	-
		Transit Vehicles - Support Vehicles - Statewide Total						**326,800**	**76,800**	**-**	**-**	**52,700**	**-**	**-**	**50,000**	**-**	**-**	**50,000**	**-**	**-**
SOGR	Statewide	Community Transportation Program	05-10050	Grants & Alloca	Community Trans	Community Transp	Program	119,100,000	8,375,000			8,375,000			8,375,000			8,375,000		
		Community Transportation Program Total						**119,100,000**	**8,375,000**	**-**	**-**	**8,375,000**	**-**	**-**	**8,375,000**	**-**	**-**	**8,375,000**	**-**	**-**
SOGR	Statewide	Municipal Street Aid	10-12219	Grants & Alloca	Municipal Streets	Municipal Street Ai	Program	29,000,000	3,000,000	-	-	3,000,000	-	-	3,000,000	-	-	3,000,000	-	-
		Municipal Street Aid Total						**29,000,000**	**3,000,000**	**-**	**-**	**3,000,000**	**-**	**-**	**3,000,000**	**-**	**-**	**3,000,000**	**-**	**-**
	Statewide Total							**1,598,527,009**	**119,297,273**	**62,005,222**	**1,454,426**	**122,623,825**	**76,361,984**	**2,300,926**	**114,295,619**	**70,767,984**	**1,257,346**	**116,202,652**	**79,667,984**	**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	