

**APPENDIX A**  
**Funded Dover/Kent County MPO Projects**



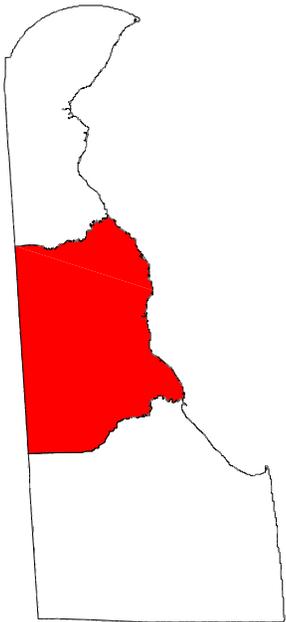
## ROAD SYSTEM - ARTERIALS

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

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.

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



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

| Project Authorization Schedule (X \$000) |       |                      |                 |                      |                |                      |                 |                      |                 |                    |
|--|-------|----------------------|-----------------|----------------------|----------------|----------------------|-----------------|----------------------|-----------------|--------------------|
| Project                                  | Phase | FY 2014 State/ Other | FY 2014 Federal | FY 2015 State/ Other | FY2015 Federal | FY 2016 State/ Other | FY 2016 Federal | FY 2017 State/ Other | FY 2017 Federal | FY 2014-2017 Total |
| Sorghum Mill @ S State Street            | PE    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|  | ROW   |                      |                 |                      |                |                      |                 |                      |                 |                    |
|  | C     |                      |                 |                      |                |                      |                 |                      |                 |                    |
| DE 8 @ Pearsons Corner Road              | PD    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|  | PE    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|  | ROW   |                      |                 |                      |                |                      |                 |                      |                 |                    |
|  | C     |                      |                 |                      |                |                      |                 |                      |                 |                    |
| US 13 @ Carpenter Bridge Rd              | PE    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|  | RW    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|  | C     | 500.0                | 2000.0          |                      |                |                      |                 |                      |                 | 2500.0             |
| SR 300, Glenwood Ave.                    | PE    | 20.0                 | 80.0            |                      |                |                      |                 |                      |                 | 100.0              |
|  | RW    | 80.0                 | 320.0           |                      |                |                      |                 |                      |                 | 400.0              |
|  | C     |                      |                 | 220.0                | 880.0          |                      |                 |                      |                 | 1100.0             |
|  |       | 600.0                | 2,400.0         | 220.0                | 880.0          |                      |                 |                      |                 | 4,100.0            |

| Project Funding Schedule (X \$000) |       |                      |                 |                      |                |                      |                 |                      |                 |                    |
|------------------------------------|-------|----------------------|-----------------|----------------------|----------------|----------------------|-----------------|----------------------|-----------------|--------------------|
| Project                            | Phase | FY 2014 State/ Other | FY 2014 Federal | FY 2015 State/ Other | FY2015 Federal | FY 2016 State/ Other | FY 2016 Federal | FY 2017 State/ Other | FY 2017 Federal | FY 2014-2017 Total |
| Sorghum Mill @ S State Street      | PE    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|                                    | ROW   |                      |                 |                      |                |                      |                 |                      |                 |                    |
|                                    | C     | 19.8                 | 178.5           |                      |                |                      |                 |                      |                 | 198.3 [JG1]        |
| DE 8 @ Pearsons Corner Road        | PD    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|                                    | PE    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|                                    | ROW   |                      |                 |                      |                |                      |                 |                      |                 |                    |
| US 13 @ Carpenter Bridge Rd        | C     | 120.4                | 136.1           |                      |                |                      |                 |                      |                 | 256.5              |
|                                    | PE    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|                                    | ROW   |                      |                 |                      |                |                      |                 |                      |                 |                    |
| SR 300, Glenwood Ave.              | C     |                      | 669.8           |                      |                |                      |                 |                      |                 | 669.8              |
|                                    | PE    |                      |                 |                      |                |                      |                 |                      |                 |                    |
|                                    | ROW   |                      |                 |                      | 50.0           |                      |                 |                      |                 | 50.0               |
|                                    | C     |                      |                 |                      |                |                      |                 | 220.0                | 880.0           | 1,100.0            |
| <b>TOTAL</b>                       |       | 140.2                | 984.4           | 0.0                  | 50.0           | 0.0                  | 0.0             | 220.0                | 880.0           | 2,274.6            |

**SR 1 ~~AT~~ and ~~NE FRONT STEET~~, MILFORD SR-9 GRADE SEPARATED INTERSECTION**

**PROJECT SCOPE/DESCRIPTION:** This project includes the construction of a grade-separated intersection at the intersection of SR 1 and ~~SR-9~~ ne Front Street in Milford as part of the improvements to SR1 in Kent County. 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](http://www.deldot.gov/information/projects/sr1_northeast_front_st/concept.shtml). ~~with tie ins to Kitts Hummock Road (K-68). DeIDOT is working with Dover Air Force Base to obtain discretionary federal homeland security funds for construction.~~

**PROJECT JUSTIFICATION:** The intersection of SR 1, Bay Road, and SR ~~149~~, NE Front Street~~Bayside Drive~~, is a high accident intersection. This project will preserve traffic capacity and safety in accordance with the Corridor Capacity Preservation Program. ~~and is needed to help maintain the tight security entrances to the Air Base. This project will also proved access for truck deliveries to the newly constructed DAFB truck entrance at the southern end of the base property.~~



**Municipality:** Dover~~Milford~~  
**Funding Program:** Road System – Arterials  
**Functional Category:** Management  
**Representative District:** 3233  
**Senatorial District:** 16, 17  
**Estimated Cost:** \$12,200,000~~4,000~~  
**MPO Priority Score:**



**SR 1 ~~AT~~ and ~~NE FRONT STEET, MILFORD~~ SR-9 GRADE SEPARATED INTERSECTION**

| Project Authorization Schedule (X \$000)  |       |                     |                 |                     |                |                     |                 |                     |                 |                    |
|---|-------|---------------------|-----------------|---------------------|----------------|---------------------|-----------------|---------------------|-----------------|--------------------|
| Project   | Phase | FY 2014 State/Other | FY 2014 Federal | FY 2015 State/Other | FY2015 Federal | FY 2016 State/Other | FY 2016 Federal | FY 2017 State/Other | FY 2017 Federal | FY 2014-2017 Total |
| SR 1 <del>and SR-9</del> at NE Front Street Grade Separated Intersection<br>24-122-04 | 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             | 1,200.0             | 4,800.0         | 6000.0             |
|   | 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             | 1,200.0             | 4,800.0         | 6,000.0            |

Federal Funding Program: National Highway System

| Project Funding Schedule (X \$000)  |       |                      |                 |                     |                |                     |                 |                     |                 |                    |
|---|-------|----------------------|-----------------|---------------------|----------------|---------------------|-----------------|---------------------|-----------------|--------------------|
| Project   | Phase | FY 2014 State/Other  | FY 2014 Federal | FY 2015 State/Other | FY2015 Federal | FY 2016 State/Other | FY 2016 Federal | FY 2017 State/Other | FY 2017 Federal | FY 2014-2017 Total |
| SR 1 at NE Front Street Grade Separated Intersection<br>SR-1 and SR-9 Grade Separated Intersection<br>24-122-04 | PD    | 0.0                  | 0.0             | 0.0                 | 0.0            | 0.0                 | 0.0             | 0.0                 | 0.0             | 0.0                |
|   | PE    | 79.9                 | 319.7           | 18.2                | 72.6           | 0.0                 | 0.0             | 0.0                 | 0.0             | 490.4              |
|   | RW    | 0.0                  | 0.0             | 0.0                 | 0.0            | 0.0                 | 0.0             | 1,200.0             | 4,800.0         | 6,000.0            |
|   | C     | <del>0.0</del> 217.6 | 0.0             | 0.0                 | 0.0            | 0.0                 | 0.0             | 0.0                 | 0.0             | 0.0                |
|   | Total | 79.9                 | 319.7           | 18.2                | 72.6           | 0.0                 | 0.0             | 1,200.0             | 4,800.0         | 6,490.4            |

## 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:**

**Functional Category:**

**Representative District:**

**Senatorial District:**

**Estimated Cost:**

**MPO Priority Rating:**

Road System – Arterials

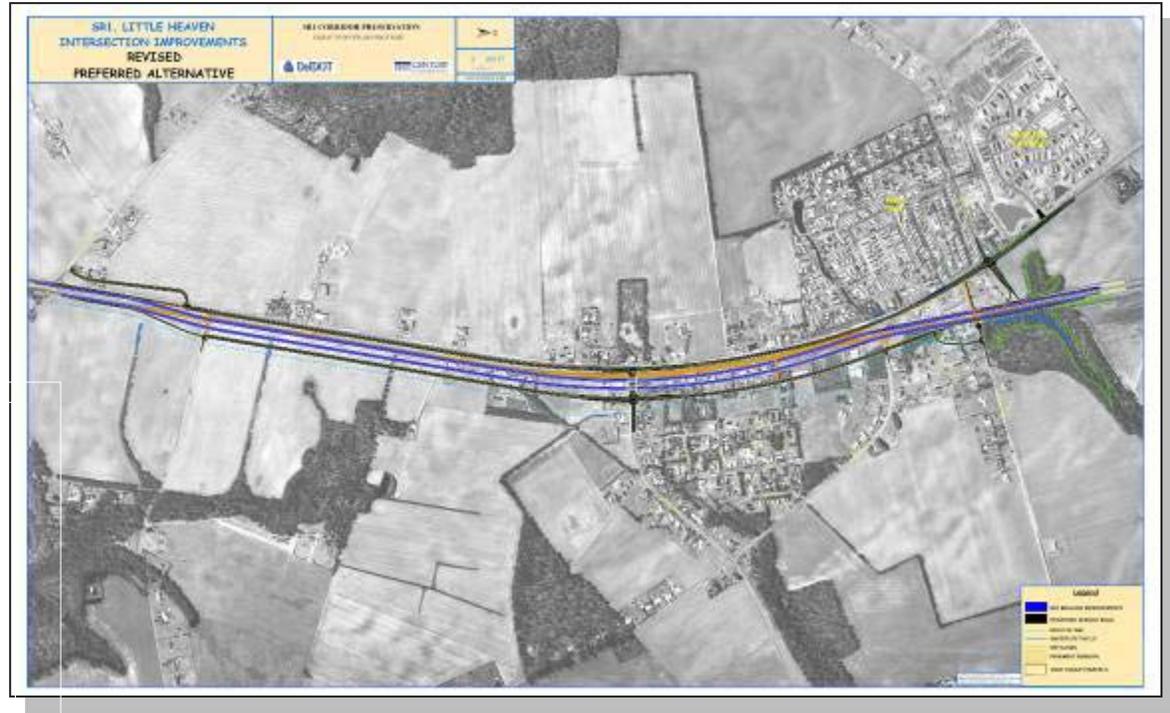
Management

33

16

~~\$43,623,000~~ \$72,575,800

2.16



**SR 1, LITTLE HEAVEN GRADE-SEPARATED INTERSECTIONS**

| Project Authorization Schedule (X \$000)                  |       |                      |                 |                      |                |                       |                            |                      |                 |                            |
|---|-------|----------------------|-----------------|----------------------|----------------|-----------------------|----------------------------|----------------------|-----------------|----------------------------|
| Project   | Phase | FY 2014 State/ Other | FY 2014 Federal | FY 2015 State/ Other | FY2015 Federal | FY 2016 State/ Other  | FY 2016 Federal            | FY 2017 State/ Other | FY 2017 Federal | FY 2014-2017 Total         |
| SR 1/Little Heaven Grade Separated Intersection 24-122-04 | 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                  | 13,500.0       | <del>0.0</del> 2920.0 | 16,000.0                   | 0.0                  | 6,000.0         | 35,500.0 <del>1460.0</del> |
|   | Total | 0.0                  | 0.0             | 0.0                  | 1,3500.0       | <del>0.0</del> 2920.0 | 16,000.0 <del>1680.0</del> | 0.0                  | 6,000.0         | 35,500.0 <del>1460.0</del> |

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, 2011.

Federal Funding Program: National Highway System; Equity Bonus

| Project Funding Schedule (X \$000)                        |       |                         |                         |                      |                |                        |                            |                       |                            |                    |
|---|-------|-------------------------|-------------------------|----------------------|----------------|------------------------|----------------------------|-----------------------|----------------------------|--------------------|
| Project   | Phase | FY 2014 State/ Other    | FY 2014 Federal         | FY 2015 State/ Other | FY2015 Federal | FY 2016 State/ Other   | FY 2016 Federal            | FY 2017 State/ Other  | FY 2017 Federal            | FY 2014-2017 Total |
| SR 1/Little Heaven Grade Separated Intersection 24-122-04 | PD    | 0.0                     | 0.0                     | 0.0                  | 0.0            | 0.0                    | 0.0                        | 0.0                   | 0.0                        | 0.0                |
|   | PE    | <del>48180.9</del>      | <del>540</del> 240.4    | 40.0                 | 124.4          | 0.0                    | 0.0                        | 0.0                   | 0.0                        | 453.7              |
|   | RW    | <del>840</del> 1,015.7  | <del>3360</del> 4,063.0 | 0.0                  | 0.0            | 0.0                    | 0.0                        | 0.0                   | 0.0                        | 5,078.7            |
|   | C     | 0.0                     | 0.0                     | 0.0                  | 0.0            | 16.8 <del>1250.0</del> | 15,000.0 <del>5000.0</del> | 0.0 <del>3000.0</del> | 6,000.0 <del>12000.0</del> | 21,016.8           |
|   | Total | <del>1020</del> 1,064.6 | <del>3900</del> 4,303.4 | 40.0                 | 124.4          | 0.0                    | 15,000.0                   | 0.0                   | 6,000.0 <del>12000.0</del> | 26,532.4           |

**SR-1, NORTH-FREDERICA GRADE SEPARATED INTERSECTION**

**PROJECT SCOPE/DESCRIPTION:** This project includes the construction of a grade-separated interchange at this intersection with a proposed on/off access interchange provided along SR-12. The project will also include the construction of acceleration/deceleration lanes for access to the proposed interchange along northbound SR-1. The existing median crossover at this intersection will be eliminated with this improvement.

**PROJECT JUSTIFICATION:** The improvements to this intersection will enhance safety and improve traffic flow along the SR-1 corridor.

**Municipality:** \_\_\_\_\_ Frederica  
**Funding Program:** \_\_\_\_\_ Road System — Arterials  
**Functional Category:** \_\_\_\_\_ Management  
**Representative District:** \_\_\_\_\_ 33  
**Senatorial District:** \_\_\_\_\_ 16  
**Estimated Cost:** \_\_\_\_\_ \$11,574,000  
**MPO Priority Rating:** \_\_\_\_\_ 2.29



***SR 1, NORTH FREDERICA GRADE SEPARATED INTERSECTION***

| <b>Project Authorization Schedule (X \$000)</b>                         |              |                           |                        |                           |                        |                           |                        |                           |                        |                           |
|---|--------------|---------------------------|------------------------|---------------------------|------------------------|---------------------------|------------------------|---------------------------|------------------------|---------------------------|
| <b>Project</b>  | <b>Phase</b> | <b>FY-2010 Stat Other</b> | <b>FY-2010 Federal</b> | <b>FY-2011 Stat Other</b> | <b>FY-2011 Federal</b> | <b>FY-2012 Stat Other</b> | <b>FY-2012 Federal</b> | <b>FY-2013 Stat Other</b> | <b>FY-2013 Federal</b> | <b>FY-2010-2013 Total</b> |
| SR 1/North<br>Frederica Grade<br>Separated<br>Intersection<br>24-122-03 | 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                       |

| <b>Project Funding Schedule (X \$000)</b>                               |              |                           |                        |                           |                        |                           |                        |                           |                        |                           |
|---|--------------|---------------------------|------------------------|---------------------------|------------------------|---------------------------|------------------------|---------------------------|------------------------|---------------------------|
| <b>Project</b>  | <b>Phase</b> | <b>FY-2010 Stat Other</b> | <b>FY-2010 Federal</b> | <b>FY-2011 Stat Other</b> | <b>FY-2011 Federal</b> | <b>FY-2012 Stat Other</b> | <b>FY-2012 Federal</b> | <b>FY-2013 Stat Other</b> | <b>FY-2013 Federal</b> | <b>FY-2010-2013 Total</b> |
| SR 1/North<br>Frederica Grade<br>Separated<br>Intersection<br>24-122-03 | PD           | 0.0                       | 0.0                    | 0.0                       | 0.0                    | 0.0                       | 0.0                    | 0.0                       | 0.0                    | 0                         |
|   | PE           | 100.0                     | 400.0                  | 70.0                      | 280.0                  | 0.0                       | 0.0                    | 0.0                       | 0.0                    | 750.0                     |
|   | RW           | 0.0                       | 0.0                    | 0.0                       | 0.0                    | 0.0                       | 0.0                    | 0.0                       | 0.0                    | 0.0                       |
|   | C            | 1600.0                    | 6400.0                 | 980.0                     | 3920.0                 | 0.0                       | 0.0                    | 0.0                       | 0.0                    | 12900.0                   |
|   | Total        | 1700.0                    | 6800.0                 | 1050.0                    | 4200.0                 | 0.0                       | 0.0                    | 0.0                       | 0.0                    | 13650.0                   |

**SR 1 AT, SOUTH FREDERICA GRADE SEPARATED INTERSECTIONS**

**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.

|                                 |   |
|---------------------------------|---|
| <b>Municipality:</b>            | Frederica                                 |
| <b>Funding Program:</b>         | Road System – Arterials                   |
| <b>Functional Category:</b>     | Management                                |
| <b>Representative District:</b> | 33  |
| <b>Senatorial District:</b>     | 16  |
| <b>Estimated Cost:</b>          | <del>\$25,000,000</del> <u>23,500,000</u> |
| <b>MPO Priority Rating:</b>     | 2.11                                      |



**SR 1 ~~AT~~, SOUTH FREDERICA GRADE SEPARATED INTERSECTIONS**

| Project Authorization Schedule (X \$000)          |       |                      |                 |                      |                |                      |                 |                      |                 |                           |
|---|-------|----------------------|-----------------|----------------------|----------------|----------------------|-----------------|----------------------|-----------------|---------------------------|
| Project   | Phase | FY 2014 State/ Other | FY 2014 Federal | FY 2015 State/ Other | FY2015 Federal | FY 2016 State/ Other | FY 2016 Federal | FY 2017 State/ Other | FY 2017 Federal | FY 2014-2017 Total        |
| SR 1/South Frederica Grade Separated Intersection | PD    | 0.0                  | 0.0             | 0.0                  | 0.0            | 0.0                  | 0.0             | 0.0                  | 0.0             | <del>0.00.0</del>         |
|   | PE    | 0.0                  | 0.0             | 0.0                  | 0.0            | 0.0                  | 0.0             | 0.0                  | 0.0             | <del>0.00.0</del>         |
|   | RW    | 0.0                  | 0.0             | 0.0                  | 0.0            | 0.0                  | 0.0             | 0.0                  | 0.0             | <del>0.08500.0</del>      |
|   | C     | 0.0                  | 10,000.0        | 0.0                  | 11,500.0       | 0.0                  | 0.0             | 0.0                  | 0.0             | <del>21,500.02800.0</del> |
|   | Total | 0.0                  | 10,000.0        | 0.0                  | 11,500.0       | 0.0                  | 0.0             | 0.0                  | 0.0             | <del>21,500.04130.0</del> |

Note: When there is a Federal Spend – with no authorization/obligation listed for the FY12 Federal – Phase was previously authorized or planned to be authorized/obligated prior to September 30, 2011.  
 Federal Funding Program: National Highway System

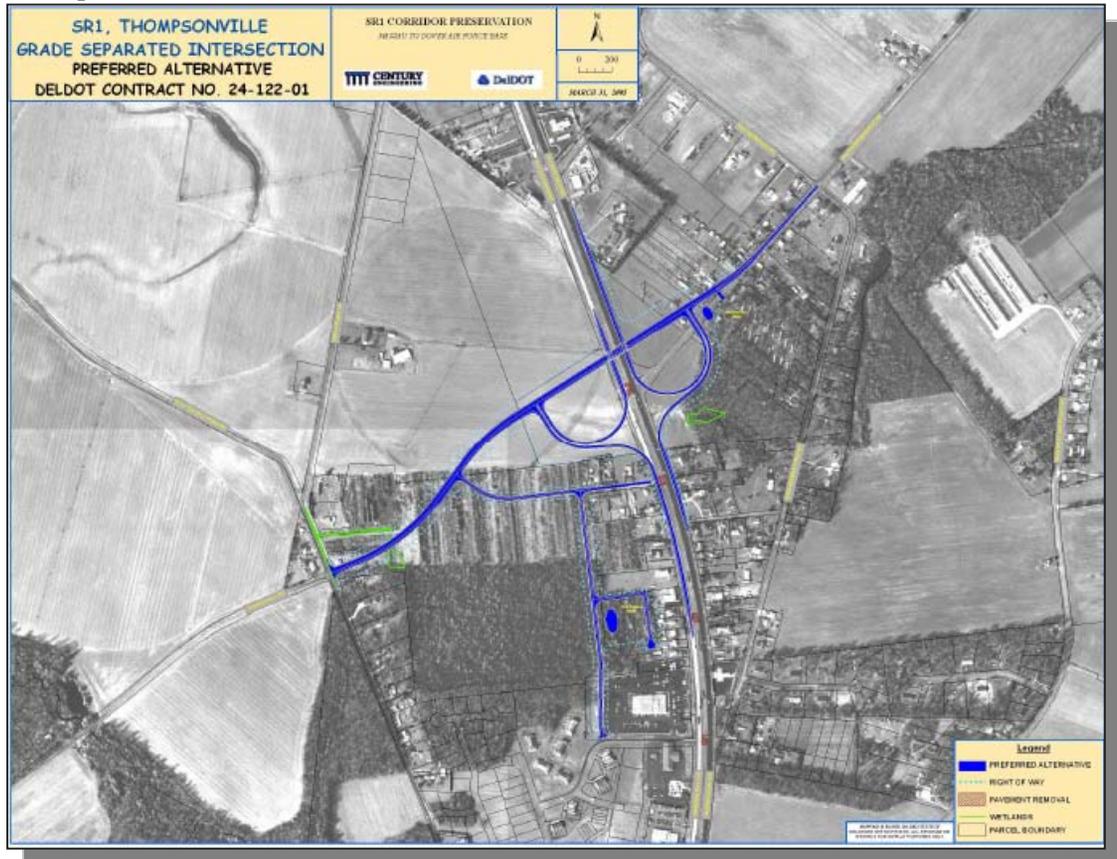
| Project Funding Schedule (X \$000)                |       |                      |                 |                      |                |                      |                 |                      |                 |                    |
|---|-------|----------------------|-----------------|----------------------|----------------|----------------------|-----------------|----------------------|-----------------|--------------------|
| Project   | Phase | FY 2014 State/ Other | FY 2014 Federal | FY 2015 State/ Other | FY2015 Federal | FY 2016 State/ Other | FY 2016 Federal | FY 2017 State/ Other | FY 2017 Federal | FY 2014-2017 Total |
| SR 1/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    | 0.3                  | 1.2             | 0.0                  | 0.0            | 0.0                  | 0.0             | 0.0                  | 0.0             | 1.5                |
|   | RW    | 400.0                | 1,600.0         | 0.0                  | 0.0            | 0.0                  | 0.0             | 0.0                  | 0.0             | 2,000.0            |
|   | C     | 0.0                  | 8,000.0         | 0.0                  | 12,000.0       | 0.0                  | 3,656.2         | 0.0                  | 0.0             | 23,656.2           |
|   | Total | 440.3                | 9,601.2         | 0.0                  | 12,000.0       | 0.0                  | 3,656.2         | 0.0                  | 0.0             | 25,697.7           |

**SR 1, THOMPSONVILLE ROAD GRADE SEPARATED INTERSECTION**

**PROJECT SCOPE/DESCRIPTION:** This project includes the construction of a grade-separated interchange at this intersection and extension of Thompsonville Road from the proposed interchange 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. Preparations, including right-of-way acquisition was budgeted in 2011 and construction is set to begin in 2016.

**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:** ~~\$23,750,000~~ 6,051,400  
**MPO Priority Rating:** 2.49



**SR 1, THOMPSONVILLE ROAD GRADE SEPARATED INTERSECTION**

| Project Authorization Schedule (X \$000)  |       |                     |                 |                     |                |                     |                 |                     |                 |                    |
|---|-------|---------------------|-----------------|---------------------|----------------|---------------------|-----------------|---------------------|-----------------|--------------------|
| Project   | Phase | FY 2014 State/Other | FY 2014 Federal | FY 2015 State/Other | FY2015 Federal | FY 2016 State/Other | FY 2016 Federal | FY 2017 State/Other | FY 2017 Federal | FY 2014-2017 Total |
| SR 1 /<br>Thompsonville<br>Road Grade<br>Separated<br>Intersection<br>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            | 800.0               | 3,300.0         | 2,200.0             | 8,800.0         | 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: National Highway System

| Project Funding Schedule (X \$000)   |       |                     |                 |                     |                |                     |                 |                     |                 |                    |
|--|-------|---------------------|-----------------|---------------------|----------------|---------------------|-----------------|---------------------|-----------------|--------------------|
| Project  | Phase | FY 2014 State/Other | FY 2014 Federal | FY 2015 State/Other | FY2015 Federal | FY 2016 State/Other | FY 2016 Federal | FY 2017 State/Other | FY 2017 Federal | FY 2014-2017 Total |
| SR 1/<br>Thompsonville<br>Road Grade<br>Separated<br>Intersection<br>24-122-01 | PD    | 0.0                 | 0.0             | 0.0                 | 0.0            | 0.0                 | 0.0             | 0.0                 | 0.0             | 0.0                |
|  | PE    | 2.0                 | 8.0             | 0.0                 | 0.0            | 0.0                 | 0.0             | 0.0                 | 0.0             | 10.0               |
|  | RW    | 376.6               | 1,506.4         | 0.0                 | 0.0            | 0.0                 | 0.0             | 0.0                 | 0.0             | 1,883.0            |
|  | C     | 0.0                 | 0.0             | 0.0                 | 0.0            | 800.0               | 3,200.0         | 2,200.0             | 8,800.0         | 15,000.0           |
|  | Total | 376.6               | 1,506.4         | 0.0                 | 0.0            | 800.0               | 3,200.0         | 2,200.0             | 8,800.0         | 16,955.0           |

**SR 1 ~~At~~ and SR 30 (WILKINS ROAD), MILFORD SR-9 GRADE SEPARATED INTERSECTION**

**PROJECT SCOPE/DESCRIPTION:** This project includes the construction of a grade-separated intersection at the intersection of SR 1 and ~~SR-9~~DE 30 in Milford as part of the improvements to SR1 through Kent County and into Sussex County. This project will replace the existing at-grade intersection with a grade-separated intersection. This will be accomplished by the installation of an overpass and a connecting ramp system for access. The northbound access will be achieved via a loop ramp to the southeast quadrant of the project. The southbound traffic will access the overpass via an access ramp that ties into SR30 to the south of the overpass. Improvements will also be made to the existing intersection of Wilkins Road and Cedar Creek Road to include the installation of a signal and auxiliary lanes to accommodate the various turning movements that occur at this location. ~~with tie ins to Kitts Hummock Road (K-68). DeIDOT is working with Dover Air Force Base to obtain discretionary federal homeland security funds for construction.~~

**PROJECT JUSTIFICATION:** This intersection has been designated for improvements under several programs. Initially, during the Corridor Capacity Preservation Program, an overpass was proposed to improve capacity and safety at the intersection. Additionally, during the Highway Safety Improvement Program analyses, this intersection has been designated for safety improvements due to the frequency and severity of accidents. ~~and is needed to help maintain the tight security entrances to the Air Base. This project will also provide access for truck deliveries to the newly constructed DAFB truck entrance at the southern end of the base property.~~

**Municipality:** Dover  
**Funding Program:** Milford  
**Function:** Road System – Arterials  
**Function:** Management  
**Representative District:** 3236  
**Senator:** 18-17  
**Estimated Cost:** \$15,017,509  
**MPO Priority Score:** 2.72



**SR 1 ~~Atand~~ SR 30 (WILKINS ROAD), MILFORD SR-9 GRADE SEPARATED INTERSECTION**

| Project Authorization Schedule (X \$000)   |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project  | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| SR 1 <del>Atand</del> SR<br>30 (Wilkins<br>Road), <u>Milford<br/>SR-9</u> Grade<br>Separated<br>Intersection<br><del>24-122-04</del> | 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 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-2017<br>Total |
| SR 1 <del>Atand</del><br>SR 30<br>(Wilkins<br>Road), <u>Milford<br/>SR-9</u> Grade<br>Separated<br>Intersection<br><del>24-122-04</del> | PD    | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                   |
|   | PE    | 66.9                       | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 66.9                  |
|   | RW    | 14.2                       | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 14.2                  |
|   | C     | 11,031.9 <del>1217.6</del> | 6,427.6            | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 17,459.5              |
|   | Total | 11,113.0 <del>1217.6</del> | 6,427.6            | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 17,540.6              |

**~~HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP),--KENT COUNTY~~**

**~~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:~~** ~~\_\_\_\_\_~~ \$15,900,000  
**~~MPO Priority Rating:~~** ~~\_\_\_\_\_~~ N/A (HSIP)



| <del>Project Authorization Schedule (X \$000)</del> |                          |  |  |  |  |  |  |  |  |   |
|---|--------------------------|--|--|--|--|--|--|--|--|---|
| <del>Project</del>                                  | <del>Phase</del>         | <del>FY 2010</del><br><del>State</del> | <del>FY 2010</del><br><del>Federal</del> | <del>FY 2011</del><br><del>State</del> | <del>FY 2011</del><br><del>Federal</del> | <del>FY 2012</del><br><del>State</del> | <del>FY 2012</del><br><del>Federal</del> | <del>FY 2013</del><br><del>State</del> | <del>FY 2013</del><br><del>Federal</del> | <del>FY 2010-2013</del><br><del>Total</del> |
| <del>HSIP--Kent</del>                               | <del>PD, PE, RW, C</del> | <del>0.0</del>                         | <del>0.0</del>                           | <del>0.0</del>                         | <del>0.0</del>                           | <del>1,450.0</del>                     | <del>0.0</del>                           | <del>1,500.0</del>                     | <del>0.0</del>                           | <del>2,950.0</del>                          |
| <del>County</del>                                   | <del>Total</del>         | <del>0.0</del>                         | <del>0.0</del>                           | <del>0.0</del>                         | <del>0.0</del>                           | <del>1,450.0</del>                     | <del>0.0</del>                           | <del>1,500.0</del>                     | <del>0.0</del>                           | <del>2,950.0</del>                          |

| Project Funding Schedule (X \$000)  |       |                  |                    |                  |                    |                  |                    |                  |                    |                        |
|-------------------------------------|-------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------------|
| Project                             | Phase | FY-2010<br>State | FY-2010<br>Federal | FY-2011<br>State | FY-2011<br>Federal | FY-2012<br>State | FY-2012<br>Federal | FY-2013<br>State | FY-2013<br>Federal | FY-2010-<br>2013 Total |
| US-13 at<br>Division St             | PE    | 0.0              | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 0.0                    |
|                                     | RW    | 0.0              | 0.0                | 100.0            | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 100.0                  |
|                                     | C     | 0.0              | 0.0                | 0.0              | 0.0                | 75.0             | 675.0              | 0.0              | 0.0                | 750.0                  |
| US-13 at<br>Carpenter<br>Bridge Rd  | PE    | 100.0            | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 100.0                  |
|                                     | RW    | 0.0              | 0.0                | 250.0            | 0.0                | 250.0            | 0.0                | 0.0              | 0.0                | 500.0                  |
|                                     | C     | 0.0              | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 250.0            | 2,250.0            | 2,500.0                |
|                                     | PE    | 500.0            | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 500.0                  |
|                                     | RW    | 500.0            | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 500.0                  |
|                                     | C     | 0.0              | 0.0                | 200.0            | 1,800.0            | 0.0              | 0.0                | 0.0              | 0.0                | 2,000.0                |
| State St. at<br>Sorghum Mill<br>Rd. | PE    | 100.0            | 0.0                | 100.0            | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 200.0                  |
|                                     | RW    | 0.0              | 0.0                | 0.0              | 0.0                | 500.0            | 0.0                |                  |                    | 500.0                  |
|                                     | C     | 0.0              | 0.0                | 0.0              | 0.0                | 0.0              | 0.0                | 200.0            | 1,800.0            | 2,000.0                |
| <b>Total</b>                        |       | 1200.0           | 0.0                | 650.0            | 1,800.0            | 825.0            | 675.0              | 200.0            |                    | 9,650.0                |

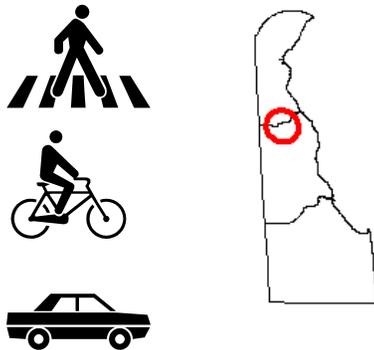
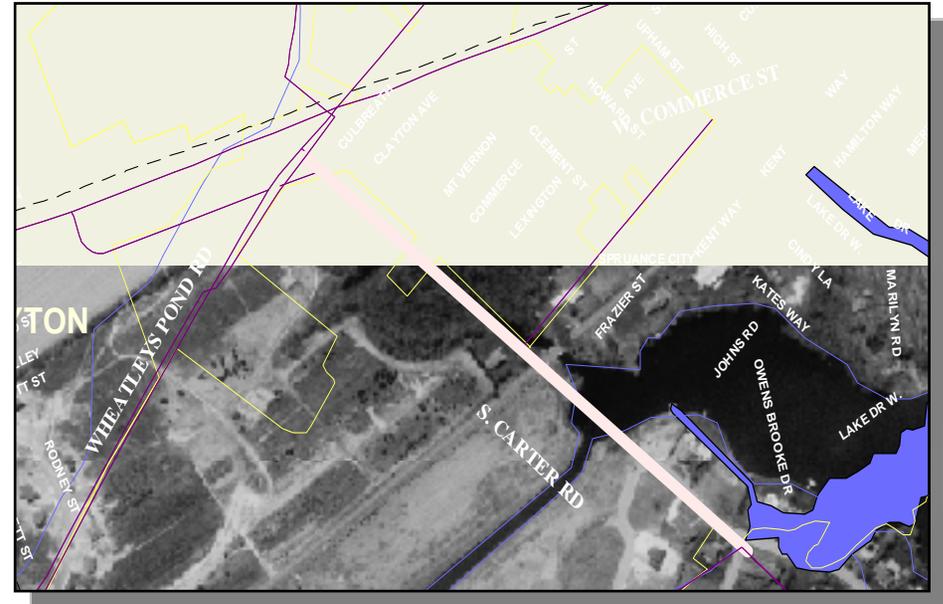
# ROAD SYSTEM - COLLECTORS

## CARTER ROAD (K137), SUNNYSIDE ROAD TO WHEATLEY'S POND ROAD

**PROJECT SCOPE/DESCRIPTION:** Funding is requested to improve vehicle, pedestrian, and bicycle travel along Carter Road (K137) between Sunnyside Road (K90) and Wheatley's Pond Road (SR300) in Smyrna. The improvements will involve widening Carter Road to two 11-foot lanes with two five-foot shoulders, installing curbs and sidewalks on one or both sides (both if in the Town of Smyrna from South Street to Mill Creek based on town ordinance), and addressing closed drainage (for four storm water basins), traffic calming, and safety improvements.

**PROJECT JUSTIFICATION:** The project was identified through the Pipeline process and the Dover/Kent County MPO. The project has been through an extensive public process.

|                                 |                          |
|---------------------------------|--------------------------|
| <b>County:</b>                  | Kent                     |
| <b>Municipality:</b>            | Smyrna                   |
| <b>Funding Program:</b>         | Road System – Collectors |
| <b>Functional Category:</b>     | Management               |
| <b>Representative District:</b> | 8, 28                    |
| <b>Senatorial District:</b>     | 15                       |
| <b>Estimated Cost:</b>          | \$8,000,000              |
| <b>MPO Priority Rating:</b>     | 2.52                     |



**CARTER ROAD (K137) , SUNNYSIDE ROAD TO WHEATLEY'S POND ROAD**

| Project Authorization Schedule (X \$000)                            |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Carter Rd from<br>Sunnyside Ro to<br>Wheatleys Pond Rd<br>23-016-01 | 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                    |

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

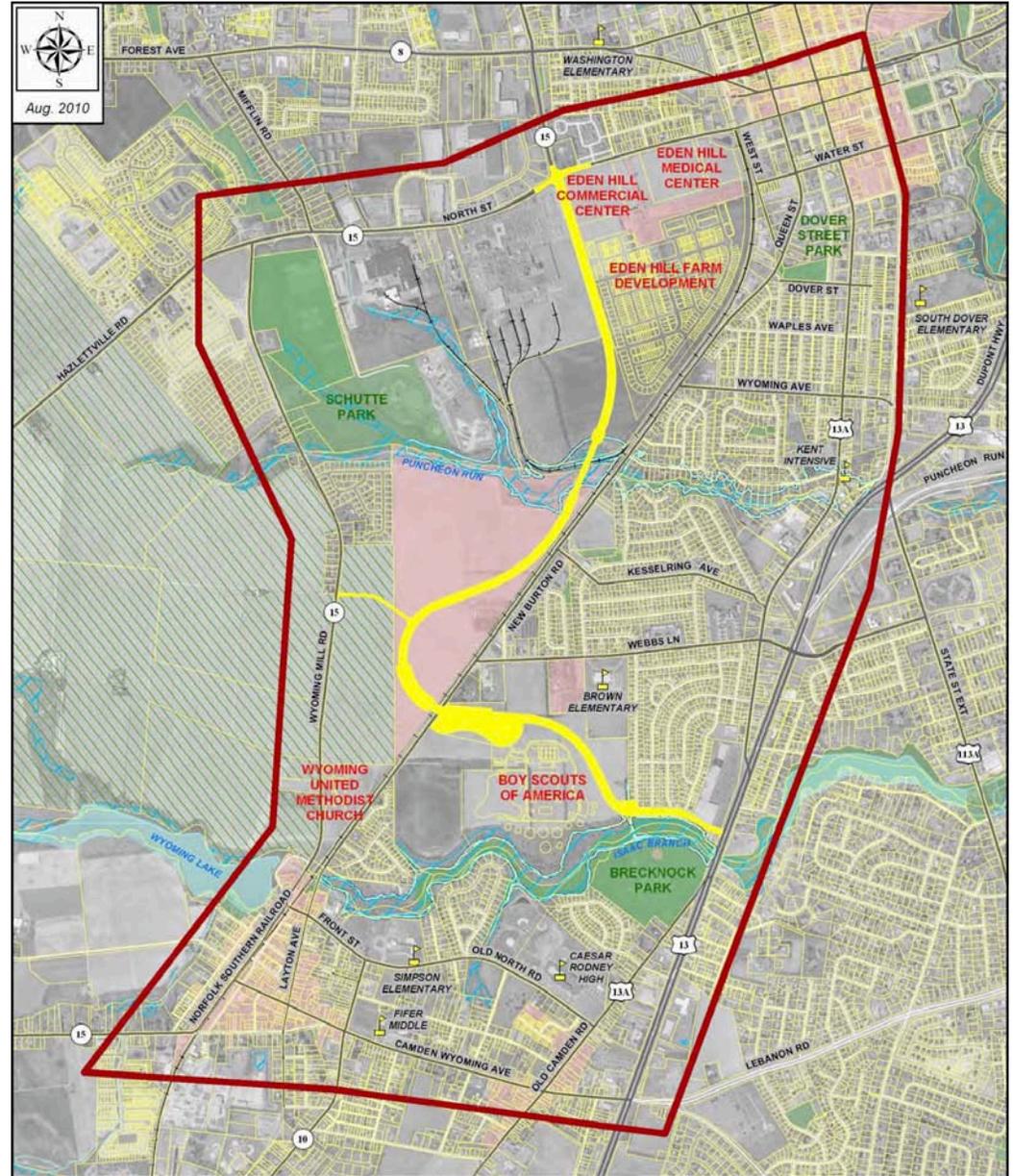
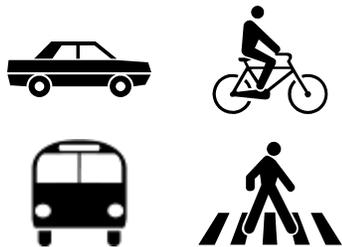
| Project Funding Schedule (X \$000)                               |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>   | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Carter Rd from Sunnyside<br>Ro to Wheatleys Pond Rd<br>23-016-01 | 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                        | 4.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
|  | C            | 649.8                      | 2,595.4            | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 3,245.2                |
|  | Total        | 649.8                      | 2,599.4            | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 3,249.2                |

## WEST DOVER CONNECTOR

**PROJECT SCOPE/DESCRIPTION:** A preferred alternative for the continuation of Saulsbury Road (SR15) through the Eden Hill property to US 13 has been identified and announced. The project is to address the transportation needs of the community as dictated by pending development and overall traffic growth and congestion in central Dover.

**PROJECT JUSTIFICATION:** The Dover/Kent County MPO Long Range Transportation Plan identifies the need for this project.

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>County:</b>                  | Kent                               |
| <b>Municipality:</b>            | Dover                              |
| <b>Funding Program:</b>         | Road System – Collectors           |
| <b>Functional Category:</b>     | Expansion                          |
| <b>Representative District:</b> | 31, 32                             |
| <b>Senatorial District:</b>     | 17                                 |
| <b>Estimated Cost:</b>          | <del>\$44,565,000</del> 57,215,800 |
| <b>MPO Priority Rating:</b>     | 2.10                               |



**WEST DOVER CONNECTOR**

| Project Authorization Schedule (X \$000) |       |                      |                 |                      |                |                      |                 |                      |                 |                    |
|--|-------|----------------------|-----------------|----------------------|----------------|----------------------|-----------------|----------------------|-----------------|--------------------|
| Project                                  | Phase | FY 2014 State/ Other | FY 2014 Federal | FY 2015 State/ Other | FY2015 Federal | FY 2016 State/ Other | FY 2016 Federal | FY 2017 State/ Other | FY 2017 Federal | FY 2014-2017 Total |
| West Dover Connector<br>24-117-01        | 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                  | 17,000.0        | 0.0                  | 15,000.0       | 0.0                  | 4,000.0         | 0.0                  | 0.0             | 36,000.0           |
|  | Total | 0.0                  | 17,000.0        | 0.0                  | 15,000.0       | 0.0                  | 4,000.0         | 0.0                  | 0.0             | 36,000.0           |

Federal Funding Program: Surface Transportation Program; Equity Bonus

| Project Funding Schedule (X \$000) |              |                      |                        |                      |                |                      |                           |                      |                 |                    |
|------------------------------------|--------------|----------------------|------------------------|----------------------|----------------|----------------------|---------------------------|----------------------|-----------------|--------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014 State/ Other | FY 2014 Federal        | FY 2015 State/ Other | FY2015 Federal | FY 2016 State/ Other | FY 2016 Federal           | FY 2017 State/ Other | FY 2017 Federal | FY 2014-2017 Total |
| West Dover Connector<br>24-117-01  | PD           | <del>100.0</del>     | 0.0                    | 0.0                  | 0.0            | 0.0                  | 0.0                       | 0.0                  | 0.0             | 0.0                |
|                                    | PE           | 100.0                | 400.0                  | 20.0                 | 80.0           | 0.0                  | <del>600.0</del>          | 0.0                  | 0.0             | 600.0              |
|                                    | RW           | 0.0                  | 5,388.4                | 0.0                  | 0.0            | 0.0                  | 0.0                       | 0.0                  | 0.0             | 5,388.4            |
|                                    | C            | 0.0                  | 500.0                  | 0.0                  | 15,000.0       | 0.0                  | 15,000.0                  | 0.0                  | 5,500.0         | 36,000.0           |
|                                    | Total        | 100.0                | <del>0.0</del> 6,288.4 | 20.0                 | 15,080.0       | 0.0                  | <del>600.0</del> 15,000.0 | 0.0                  | 5,500.0         | 41,988.4           |

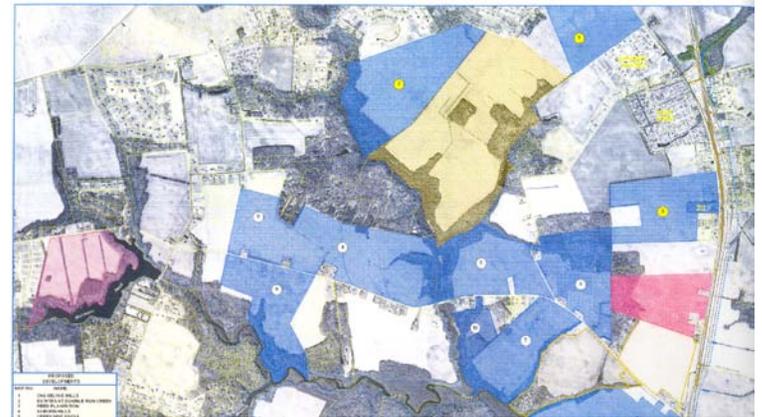
## LOCAL ROADS

### *EDEN HILL IMPROVEMENTS*

**PROJECT SCOPE/DESCRIPTION:** To construct the roundabout connecting North Street with the Eden Hill Farm development working with the City of Dover and property owners.

**PROJECT JUSTIFICATION;** The construction of this piece of road is the fulfillment of a portion of the state's responsibilities under the adopted Master Plan for this part of the City of Dover as provided for via Epilog Language in the Bond Bill

|                                 |                     |
|---------------------------------|---------------------|
| <b>County:</b>                  | Kent                |
| <b>Funding Program:</b>         | Road System – Local |
| <b>Functional Category:</b>     | Management          |
| <b>Representative District:</b> | 31                  |
| <b>Senatorial District:</b>     | 17                  |
| <b>Estimated Cost:</b>          | \$890,400           |



**EDEN HILL IMPROVEMENTS**

| Project Authorization Schedule (X \$000) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                           | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| EDEN HILL<br>IMPROVEMENTS                | PD           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
|  | PE           | 0.0                        | 0.0                | 0.0                        | 0.0                | 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: Highway Safety Improvement Program (HSIP)

| Project Funding Schedule (X \$000) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|------------------------------------|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| EDEN HILL<br>IMPROVEMENTS          | PD           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
|                                    | PE           | 0.0                        | 0.0                | 0.0                        | 0.0                | 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            | 572.2                      | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 572.2                  |
|                                    | Total        | 572.2                      | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |

**HEP KC, SR. 10 & SR. 15 INTERSECTION IMPROVEMENTS**

**PROJECT SCOPE/DESCRIPTION:** The existing intersection of SR 10-Willow Grove Road & SR 15-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 round-about.

**PROJECT JUSTIFICATION;** This project was cited in the 2011 Hazard Elimination Program, Site C for safety improvements.

|                                 |                     |
|---------------------------------|---------------------|
| <b>County:</b>                  | Kent                |
| <b>Funding Program:</b>         | Road System – Local |
| <b>Functional Category:</b>     | Management          |
| <b>Representative District:</b> | 34, 29              |
| <b>Senatorial District:</b>     | 16                  |
| <b>Estimated Cost:</b>          | \$1,238,000         |



**HEP KC, SR. 10 & SR. 15 INTERSECTION IMPROVEMENTS**

| Project Authorization Schedule (X \$000)                     |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>   | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| <b>HEP KC, SR. 10 &amp; SR. 15 INTERSECTION IMPROVEMENTS</b> | 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                | 20.0                       | 180.0              | 0.0                        | 0.0                | 200.0                  |
|  | C            | 0.0                        | 0.0                | 0.0                        | 0.0                | 200.0                      | 800.0              | 0.0                        | 0.0                | 1,000.0                |
|  | Total        | 0.0                        | 0.0                | 0.0                        | 0.0                | 220.0                      | 980.0              | 0.0                        | 0.0                | 1,200.0                |

Federal Funding Program: Highway Safety Improvement Program (HSIP)

| Project Funding Schedule (X \$000)                           |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>   | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| <b>HEP KC, SR. 10 &amp; SR. 15 INTERSECTION IMPROVEMENTS</b> | PD           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
|  | PE           | 0.0                        | 37.8               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 37.8                   |
|  | RW           | 0.0                        | 0.0                | 0.0                        | 0.0                | 20.0                       | 180.0              | 0.0                        | 0.0                | 200.0                  |
|  | C            | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 200.0                      | 800.0              | 1,000.0                |
|  | Total        | 0.0                        | 37.8               | 0.0                        | 0.0                | 20.0                       | 180.0              | 200.0                      | 800.0              | 1,237.8                |

## BRIDGES:

### BR 2-100A ON K330 DENNEYS ROAD OVER FORK BRANCH, DOVER-

**PROJECT SCOPE/DESCRIPTION:** This project consists of replacing the existing bridge with a timber bridge or concrete frame. Other work will include placing riprap for scour protection, reconstructing the approach roadways, and installing steel beam guardrail.

**PROJECT JUSTIFICATION:** The existing pipes are in poor condition that needs to be replaced. It is currently ranked 48<sup>th</sup> on the 2010 DelDOT Bridge Deficiency List.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 29, 31  
**Senatorial District:** 15, 17  
**Estimated Cost:** \$768,100  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000)                         |       |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|-------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project  | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-100A on<br>K330 Denneys<br>Road over Fork<br>Branch, Dover- | PE    | <del>0.0</del> 0.0         | 0.0                | <del>0.0</del> 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                        | 701.1              | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 701.1                  |
|  | Total | <del>0.0</del> 0.0         | 701.1              | <del>0.0</del> 0.0         | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del> 701.1   |

Federal Funding Program: Highway Bridge Program

| Project Funding Schedule (X \$000)                            |       |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|-------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project   | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-100A on K330<br>Denneys Road over<br>Fork Branch, Dover- | PE    | <del>0.0</del> 0.1         | 0.2                | <del>0.0</del> 0.0         | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.3                    |
|   | RW    | 0.0                        | 30.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 30.0                   |
|   | CE    | 0.0                        | 701.1              | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 701.1                  |
|   | Total | 0.0                        | 731.3              | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 731.4                  |

**BR 2-112B ON K112 BURRSVILLE ROAD OVER SAULSBURY DITCH, TABER FOREST**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of the existing corrugated metal pipes with a precast concrete three-sided frame using the clear zone concept. Additional work includes minor reconstruction of the approach roadway and placement of riprap in the stream to prevent scour.

**PROJECT JUSTIFICATION:** The existing pipes are structurally deficient. This bridge is currently ranked 57th on the 2010 DeIDOT Bridge Deficiency List.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 30  
**Senatorial District:** 18  
**Estimated Cost:** \$387,700  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000)  |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-112B \on<br>K112 Burrsville<br>Road over<br>Saulsbury Ditch,<br>Taber Forest | PE           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>         |
|   | RW           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
|   | C            | 0.0                        | 0.0                | 66.1                       | 264.6             | 0.0                        | 0.0                | 0.0                        | 0.0                | 330.7                  |
|   | Total        | 0.0                        | 0.0                | 66.1                       | 264.6             | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del> 330.7   |

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)   |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>   | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-112B \on K112<br>Burrsville Road over<br>Saulsbury Ditch,<br>Taber Forest | PE           | 0.1                        | 0.3                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.4                    |
|  | RW           | 0.0                        | 17.0               | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 17.0                   |
|  | CC           | 0.0                        | 0.0                | 66.1                       | 264.6             | 0.0                        | 0.0                | 0.0                        | 0.0                | 330.7                  |
|  | Total        | 8.0                        | 49.0               | 66.1                       | 264.6             | 0.0                        | 0.0                | <del>0.0</del>             | <del>0.0</del>     | 379.7                  |

**BR 2-114C ON K114 TODD'S CHAPEL ROAD OVER TOMAHAWK BRANCH**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of three large corrugated metal plate arches with three five-foot diameter reinforced concrete pipes. The approach roadways 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 pipe arches are structurally deficient and were selected by the Pontis Bridge Management System for work. There is corrosion at the waterline with 100% section lost at some locations. This bridge was ranked 13<sup>th</sup> on the 2011 DelDOT Bridge efficiency list and has been posted for load restriction of 15 tons.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 30  
**Senatorial District:** 18  
**Estimated Cost:** \$406,600  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                           | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Br 2-11C On K114                         | <u>PE</u>    | 0.0                        | 0.0                | <del>0.0</del>             | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>         |
| Todd's Chapel                            | <u>RW</u>    | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| Road Over                                | <u>C</u>     | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| Tomahawk Branch                          | Total        | <del>0.0</del>             | 0.0                | <del>0.0</del>             | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>         |

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) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|------------------------------------|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Br 2-114C On K114                  | <u>PE</u>    | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| Todd's Chapel Road                 | <u>RW</u>    | 0.2                        | 1.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 1.2                    |
| Over Tomahawk                      | <u>CE</u>    | 0.0                        | 360.1              | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>             | <del>0.0</del>     | 360.1                  |
| Branch                             | Total        | 0.2                        | 361.1              | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>             | <del>0.0</del>     | 361.3                  |

**BR 2-158A ON K158CHESTNUT GROVE ROAD OVER CAHOON BRANCH,**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of the existing corrugated metal pipes with a precast concrete three-sided frame. Additional work includes minor reconstruction of the approach roadway, installation of guardrail as needed, and placement of riprap in the stream to prevent scour.

**PROJECT JUSTIFICATION:** The existing pipes are structurally deficient. This bridge is currently ranked 82nd on the 2010 DelDOT Bridge Deficiency List.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 29, 31  
**Senatorial District:** 15, 17  
**Estimated Cost:** \$541,800  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000) |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                           | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-158A on                             | <u>PE</u>    | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>         |
| K158 Chestnut                            | <u>RW</u>    | 0.0                        | 0.0                | 0.0                        | 0.0               | <u>0.0</u>                 | <u>0.0</u>         | <u>0.0</u>                 | <u>0.0</u>         | 0.0                    |
| Grove Road over                          | <u>C</u>     | 0.0                        | 0.0                | 0.0                        | 0.0               | <u>0.0</u>                 | <u>0.0</u>         | <u>0.0</u>                 | <u>0.0</u>         | 0.0                    |
| Cahoon Branch,                           | Total        | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0 <del>0</del>       |

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) |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|------------------------------------|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-158A on K158                  | <u>PE</u>    | 0.3                        | 1.4                | 0.0                        | 0.0               | 0.0                        | 0.0                | <u>0.0</u>                 | <u>0.0</u>         | 1.7                    |
| Chestnut Grove Road                | <u>RW</u>    | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | <u>0.0</u>                 | <u>0.0</u>         | 0.0                    |
| over Cahoon Branch,                | <u>CE</u>    | 0.0                        | 492.8              | 0.0                        | 0.0               | 0.0                        | 0.0                | <u>0.000</u>               | <u>0.000</u>       | 493.8                  |
|                                    | Total        | 0.3                        | 494.2              | 0.0                        | 0.0               | 0.0                        | 0.0                | <u>0.000</u>               | <u>0.000</u>       | 494.5                  |

**BR 2-195A ON K195 WEST RAILROAD AVE OVER ISSACS BRANCH, WYOMING**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of the existing corrugated metal pipes with prestressed, precast concrete beams on stub abutments. Additional work includes minor reconstruction of the approach roadway, installation of guardrail as needed, and placement of riprap in the stream.

**PROJECT JUSTIFICATION:** The existing pipes are structurally deficient and were selected by the Pontis Bridge Management System for work. This bridge is currently ranked 77th on the 2010 DelDOT Bridge Deficiency List.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 34  
**Senatorial District:** 17  
**Estimated Cost:** \$717,700  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                           | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-195A on                             | <u>PE</u>    | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del> 0.0     |
| K195 West                                | <u>RW</u>    | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| Railroad Ave over                        | <u>C</u>     | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| Issacs Branch,<br>Wyoming                | Total        | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del> 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) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|------------------------------------|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-195A on K195                  | <u>PE</u>    | 0.2                        | 1.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 1.2                    |
| West Railroad Ave                  | <u>RW</u>    | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| over Issacs Branch,<br>Wyoming     | <u>CE</u>    | 0.0                        | 613.0              | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 613.0                  |
|                                    | Total        | 0.2                        | 614.0              | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 614.2                  |

**BR 2-203A ON TODD'S MILL ROAD OVER ISSAC'S BRANCH, WYOMING**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of the existing concrete deck slab with precast prestressed concrete box beams with a hot mix overlay. Additional work includes rehabilitation of the existing concrete sheet piles, minor reconstruction of the approach roadway, installation of guardrail as needed, and placement of riprap. The work will be performed under a full road closure with detour.

**PROJECT JUSTIFICATION:** The existing concrete deck slab is showing signs of deterioration including cracks in large's balls with exposed corroded steel reinforcement on the bottom side. The top of the deck is covered with the surface treatment overlay that needs to be replaced with a more durable concrete deck. In addition, this bridge is currently listed as scour critical. The bridge is structurally deficient and was selected by the Pontis Bridge Management System for work. The bridge currently ranks 113th out of 1,399 on the Department's 2009 bridge deficiency list.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 29, 34  
**Senatorial District:** 15, 16  
**Estimated Cost:** \$486,600  
**MPO Priority Rating:** N/A (Bridge)



**BR 2-203A ON TODD'S MILL ROAD OVER ISSAC'S BRANCH, WYOMING**

| Project Authorization Schedule (X \$000)                     |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>   | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Br 2-203A on<br>Todds Mill Road<br>over the Issacs<br>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                    |

Federal Funding Program: Highway Bridge Program

| Project Funding Schedule (X \$000)                        |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Br 2-203A on Todds<br>Mill Road over the<br>Issacs 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                        | 376.6              | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 376.6                  |
|   | Total        | 0.0                        | 376.6              | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 376.6                  |

**BR 2-371A ON K371 BARRETT'S CHAPEL ROAD OVER DOUBLE RUN, FREDERICA**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of Bridge 2-371A, consisting of 3 large-span corrugated metal pipe arches, with three 8-foot diameter reinforced concrete pipes. The approach roadways will be reconstructed as needed. Additional work includes placing riprap for scour protection and installing guardrail as necessary.

**PROJECT JUSTIFICATION:** The existing pipe arches are structurally deficient and were selected by the Pontis Bridge Management System for work. There is corrosion at the waterline with sagging of the crown under the roadway and separation at multiple joints. This bridge is currently ranked 116th on the 2010 DelDOT Bridge Deficiency List.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 33  
**Senatorial District:** 16  
**Estimated Cost:** \$363,000  
**MPO Priority Rating:** N/A (Bridge)



**53 can want Rachel didn't do it again**

| Project Authorization Schedule (X \$000)                         |       |                     |                 |                     |                 |                     |                 |                     |                 |                    |
|--|-------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|--------------------|
| Project  | Phase | FY 2014 State/Other | FY 2014 Federal | FY 2015 State/Other | FY 2015 Federal | FY 2016 State/Other | FY 2016 Federal | FY 2017 State/Other | FY 2017 Federal | FY 2014-2017 Total |
| BR 2-371A On K371 Barretts Chapel Road over Double Run, Fredrica | PE    | 0.0                 | 0.0             | <del>0.00.0</del>   | 0.0             | 0.0                 | 0.0             | 0.0                 | 0.0             | <del>0.00.0</del>  |
|  | RW    | 0.0                 | 0.0             | 0.0                 | 0.0             | 0.0                 | 0.0             | 0.0                 | 0.0             | 0.0                |
|  | C     | 0.0                 | 330.0           | 0.0                 | 0.0             | 0.0                 | 0.0             | 0.0                 | 0.0             | 330.0              |
|  | Total | <del>0.00.0</del>   | 330.0           | 0.0                 | 0.0             | 0.0                 | 0.0             | 0.0                 | 0.0             | 330.0              |

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 2014 State/Other | FY 2014 Federal | FY 2015 State/Other | FY 2015 Federal | FY 2016 State/Other | FY 2016 Federal   | FY 2017 State/Other | FY 2017 Federal   | FY 2014-2017 Total |
| BR 2-371A On K371 Barretts Chapel Road over Double Run, Fredrica | PE    | 3.3                 | 13.2            | 0.0                 | 0.0             | 0.0                 | 0.0               | 0.0                 | 0.0               | 16.5               |
|  | RW    | 2.0                 | 8.0             | 0.0                 | 0.0             | 0.0                 | 0.0               | 0.0                 | 0.0               | 10.0               |
|  | CE    | 0.0                 | 0.0             | 0.0                 | 330.0           | 0.0                 | <del>0.00.0</del> | <del>0.00.0</del>   | 0.0               | 330.0              |
|  | Total | 5.3                 | 21.2            | 0.0                 | 300.0           | 0.0                 | 0.0               | <del>0.00.0</del>   | <del>0.00.0</del> | 35 pounds<br>6.5   |

**BR 2-016B ON K016 N. LITTLE CREEK RD. OVER LITTLE RIVER**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of the existing corrugated metal pipes with a precast concrete three-sided frame. Additional work includes minor reconstruction of the approach roadway, installation of guardrail as needed, and placement of riprap in the stream to prevent scour.

**PROJECT JUSTIFICATION:** The existing pipes are structurally deficient. This bridge is currently ranked on the 2010 DelDOT Bridge Deficiency List.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 28, 32  
**Senatorial District:** 16  
**Estimated Cost:** \$700,000  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000)                          |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-0168A ON<br>K106 N. LITTLE<br>CREEK RD. OVER<br>LITTLE RIVER | PE           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>         |
|   | RW           | 0.0                        | 0.0                | 0.0                        | 0.0               | <u>0.0</u>                 | <u>0.0</u>         | <u>0.0</u>                 | <u>0.0</u>         | 0.0                    |
|   | C            | 0.0                        | 0.0                | 0.0                        | 0.0               | <u>0.0</u>                 | <u>0.0</u>         | <u>0.0</u>                 | <u>0.0</u>         | 0.0                    |
|   | Total        | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0 <del>0</del>       |

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)                                |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-0168A ON K106<br>N. LITTLE CREEK<br>RD. OVER LITTLE<br>RIVER | PE           | 0.2                        | 0.8                | 0.0                        | 0.0               | 0.0                        | 0.0                | <u>0.0</u>                 | <u>0.0</u>         | 1.0                    |
|   | RW           | 3.9                        | 15.7               | 0.0                        | 0.0               | 0.0                        | 0.0                | <u>0.0</u>                 | <u>0.0</u>         | 19.6                   |
|   | CE           | 0.0                        | 766.5              | 0.0                        | 0.0               | 0.0                        | 0.0                | <del>0.00</del>            | <del>0.00</del>    | 766.5                  |
|   | Total        | 4.1                        | 783.0              | 0.0                        | 0.0               | 0.0                        | 0.0                | <del>0.00</del>            | <del>0.00</del>    | 787.1                  |

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

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of Bridge 2-031A. The approach roadways will be reconstructed as needed. Additional work includes placing riprap for scour protection and installing guardrail as necessary.

**PROJECT JUSTIFICATION:** The existing pipe arches are structurally deficient. There is corrosion at the waterline with sagging of the crown under the roadway and separation at multiple joints. This bridge is currently ranked on the 2010 DelDOT Bridge Deficiency List.

**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)                         |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>   | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-031A ON K031<br>IRISH HILL ROAD<br>OVER DOUBLE<br>RUN CREEK | PE           | 8.0                        | 32.0               | <del>0.0</del>             | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 40.0                   |
|  | RW           | 0.0                        | 0.0                | 2.4                        | 9.6                | 0.0                        | 0.0                | 0.0                        | 0.0                | 12.0                   |
|  | C            | 0.0                        | 0.0                | 0.0                        | 0.0                | 141.0                      | 564.0              | 0.0                        | 0.0                | 705.0                  |
|  | Total        | <del>8.0</del>             | 32.0               | <del>2.4</del>             | 9.6                | 141.0                      | 564.0              | 0.0                        | 0.0                | 757.0                  |

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)                               |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>   | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-031A ON K031<br>IRISH HILL ROAD<br>OVER DOUBLE RUN<br>CREEK | PE           | 4.0                        | 16.0               | 4.0                        | 16.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 40.0                   |
|  | RW           | 0.0                        | 0.0                | 2.4                        | 9.6                | 0.0                        | 0.0                | 0.0                        | 0.0                | 12.0                   |
|  | C            | 0.0                        | 0.0                | 0.0                        | 0.0                | 141.0                      | 564.0              | 0.0                        | 0.0                | 705.0                  |
|  | Total        | 4.0                        | 16.0               | 6.4                        | 25.6               | 141.0                      | 564.0              | <del>0.0</del>             | <del>0.0</del>     | 757.0                  |

**BR 2-033B ON SR15, CANTERBURY ROAD OVER HUDSON BRANCH**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of Bridge 2-033B. The approach roadways will be reconstructed as needed. Additional work includes placing riprap for scour protection and installing guardrail as necessary.

**PROJECT JUSTIFICATION:** The existing pipe arches are structurally deficient. There is corrosion at the waterline with sagging of the crown under the roadway and separation at multiple joints. This bridge is currently ranked on the 2010 DeIDOT Bridge Deficiency List.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 30, 33  
**Senatorial District:** 15, 16  
**Estimated Cost:** \$843,200  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000)                        |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-033BA ON K0331<br>CANTERBURY ROAD<br>OVER HUDSON<br>BRANCH | PE           | 0.0                        | 0.0                | <del>0.00.0</del>          | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.00.0</del>      |
|   | 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        | <del>0.00.0</del>          | 0.0                | <del>0.00.0</del>          | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.00.0</del>      |

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)                              |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-033BA ON K0331<br>CANTERBURY ROAD<br>OVER HUDSON<br>BRANCH | PE           | 1.0                        | 4.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 5.0                    |
|   | RW           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
|   | CE           | 0.0                        | 780.0              | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.00.0</del>          | <del>0.00.0</del>  | 780.0                  |
|   | Total        | 1.0                        | 784.1              | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | <del>0.00.0</del>  | <del>0.00.0</del>      |

**BR 2-033C ON SR15 CANTERBURY ROAD OVER WARD BRANCH**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of Bridge 2-033C. The approach roadways will be reconstructed as needed. Additional work includes placing riprap for scour protection and installing guardrail as necessary.

**PROJECT JUSTIFICATION:** The existing pipe arches are structurally deficient. There is corrosion at the waterline with sagging of the crown under the roadway and separation at multiple joints. This bridge is currently ranked on the 2010 DeIDOT Bridge Deficiency List.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 33  
**Senatorial District:** 18  
**Estimated Cost:** \$271,020  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000)                    |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-033C ON SR15<br>CANTERBURY<br>ROAD OVER WARD<br>BRANCH | PE           | 9.5                        | 37.8               | <del>0.0</del>             | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del> 47.3    |
|   | RW           | 0.0                        | 0.0                | 5.5                        | 22.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 27.5                   |
|   | C            | 0.0                        | 0.0                | 0.0                        | 0.0                | 39.2                       | 157.0              | 0.0                        | 0.0                | 196.2                  |
|   | Total        | <del>0.0</del> 9.5         | 37.8               | <del>0.0</del> 5.5         | 22.0               | 39.2                       | 157.0              | 0.0                        | 0.0                | <del>0.0</del> 271.0   |

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)                          |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-033C ON SR15<br>CANTERBURY<br>ROAD OVER WARD<br>BRANCH | PE           | 6.0                        | 24.0               | 3.5                        | 13.8               | 0.0                        | 0.0                | 0.0                        | 0.0                | 47.3                   |
|   | RW           | 0.0                        | 0.0                | 5.5                        | 22.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 27.5                   |
|   | CC           | 0.0                        | 0.0                | 0.0                        | 0.0                | 39.2                       | 157.0              | 0.0                        | 0.0                | 196.2                  |
|   | Total        | 6.0                        | 24.0               | 9.0                        | 35.8               | 39.2                       | 157.0              | <del>0.0</del> 0.0         | <del>0.0</del> 0.0 | 271.0                  |

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

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of Bridge 2-265B. The approach roadways will be reconstructed as needed. Additional work includes placing riprap for scour protection and installing guardrail as necessary.

**PROJECT JUSTIFICATION:** The existing pipe arches are structurally deficient. There is corrosion at the waterline with sagging of the crown under the roadway and separation at multiple joints. This bridge is currently ranked on the 2010 DelDOT Bridge Deficiency List.

**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)                                |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-265B ON<br>SPIDER WEB ROAD<br>OVER WHITE<br>MARSH BRANCH<br>BRANCH | PE           | 0.0                        | 0.0                | <del>0.0</del>             | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>         |
|   | RW           | 0.0                        | 0.0                | 4.4                        | 17.6               | 0.0                        | 0.0                | 0.0                        | 0.0                | 22.0                   |
|   | C            | 0.0                        | 0.0                | 0.0                        | 0.0                | 56.1                       | 224.3              | 0.0                        | 0.0                | 280.4                  |
|   | Total        | <del>0.0</del>             | 0.0                | <del>0.0</del> 4.4         | 17.6               | 56.1                       | 224.3              | 0.0                        | 0.0                | <del>0.0</del> 302.4   |

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: Highway Bridge Program

| Project Funding Schedule (X \$000)                                      |               |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|---------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u>  | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-265B ON<br>SPIDER WEB ROAD<br>OVER WHITE<br>MARSH BRANCH<br>BRANCH | PE            | 3.0                        | 12.2               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 15.2                   |
|   | RW            | 0.0                        | 0.0                | 4.4                        | 17.6               | 0.0                        | 0.0                | 0.0                        | 0.0                | 22.0                   |
|   | <del>CE</del> | 0.0                        | 0.0                | 0.0                        | 0.0                | 56.1                       | 224.3              | <del>0.0</del>             | 0.0                | 280.4                  |
|   | Total         | 3.0                        | 12.2               | 4.4                        | 17.6               | 56.1                       | 224.3              | <del>0.0</del>             | <del>0.0</del>     | 317.6                  |

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

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of 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 roadways needed. This work will be performed under a full road closure.

**PROJECT JUSTIFICATION:** The structure was selected by the PONTIS BRIDGE MANAGEMENT SYSTEM for work. There is 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 2014 State/Other | FY 2014 Federal | FY 2015 State/Other | FY 2015 Federal | FY 2016 State/Other | FY 2016 Federal | FY 2017 State/Other | FY 2017 Federal | FY 2014-2017 Total |
| BR 2-050A ON SR 8, HALLTOWN ROAD OVER BEAVERDAM DITCH | PE    | 0.0                 | 28.0            | <del>0.0</del>      | 0.0             | 0.0                 | 0.0             | 0.0                 | 0.0             | 28.0               |
|   | RW    | 0.0                 | 0.0             | 2.0                 | 8.0             | 0.0                 | 0.0             | 0.0                 | 0.0             | 10.0               |
|   | C     | 0.0                 | 0.0             | 0.0                 | 0.0             | 101.0               | 404.0           | 0.0                 | 0.0             | 505.0              |
|   | Total | <del>0.0</del>      | 28.0            | <del>2.0</del>      | 8.0             | 101.0               | 404.0           | 0.0                 | 0.0             | 543.0              |

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 2014 State/Other | FY 2014 Federal | FY 2015 State/Other | FY 2015 Federal | FY 2016 State/Other | FY 2016 Federal | FY 2017 State/Other | FY 2017 Federal | FY 2014-2017 Total |
| BR 2-050A ON SR 8, HALLTOWN ROAD OVER BEAVERDAM DITCH | PE    | 3.5                 | 14.0            | 3.5                 | 14.0            | 0.0                 | 0.0             | 0.0                 | 0.0             | 35.0               |
|   | RW    | 0.0                 | 0.0             | 2.0                 | 8.0             | 0.0                 | 0.0             | 0.0                 | 0.0             | 10.0               |
|   | C     | 0.0                 | 0.0             | 0.0                 | 0.0             | 101.0               | 404.0           | 0.0                 | 0.0             | 505.0              |
|   | Total | 3.5                 | 14.0            | 5.5                 | 22.0            | 101.0               | 404.0           | <del>0.0</del>      | <del>0.0</del>  | 550.0              |

**BR 2-163A ON K163 VICTORY CHAPEL ROAD OVER PENROSE BRANCH**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of the existing corrugated metal pipe arches with a precast concrete three-sided frame. Additional work includes minor reconstruction of the approach roadway, installation of guardrail as needed, and placement of riprap in the stream to prevent scour. The work will be performed under a full road closure with detour.

**PROJECT JUSTIFICATION:** there is significant corrosion at the waterline with 100% section loss at several locations throughout the pipes. The existing pipes are structurally deficient and were selected by the Pontis Bridge Management System for work. This bridge is currently ranked 70<sup>th</sup> on the 2010 DelDOT Bridge Deficiency List.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 29  
**Senatorial District:** 15  
**Estimated Cost:** \$683,800  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                           | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-163A ON K163                        | PE           | 0.0                        | 0.0                | <del>0.0</del>             | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| VICTORY CHAPEL                           | RW           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| ROAD OVER                                | C            | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| PENROSE BRANCH                           | Total        | <del>0.0</del>             | 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) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|------------------------------------|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-163A ON K163                  | PE           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| VICTORY CHAPEL                     | RW           | 0.2                        | 0.6                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.8                    |
| ROAD OVER                          | CE           | 1.7                        | 6.6                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>             | 0.0                | 8.3                    |
| PENROSE BRANCH                     | Total        | 1.8                        | 7.3                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>             | <del>0.0</del>     | 9.1                    |

**BR 2-059D ON K059 WHITELEYSBURG ROAD OVER HORSEPEN ARM DITCH**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of the existing concrete encased steel girder bridge with prestressed concrete box beams on stub abutments. Additional work includes minor reconstruction of the approach roadway, installation of guardrail as needed, and placement of riprap in the stream to prevent scour. The work will be performed under a full road closure with detour.

**PROJECT JUSTIFICATION:** there is significant corrosion at the waterline with 100% section loss at several locations throughout the pipes. The existing bridge is structurally deficient and was selected by the Pontis Bridge Management System for work. This bridge has been load posted for 3 tons.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 30  
**Senatorial District:** 15  
**Estimated Cost:** \$617,000  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000)                  |       |                     |                 |                     |                 |                     |                 |                     |                 |                    |
|---|-------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|--------------------|
| Project   | Phase | FY 2014 State/Other | FY 2014 Federal | FY 2015 State/Other | FY 2015 Federal | FY 2016 State/Other | FY 2016 Federal | FY 2017 State/Other | FY 2017 Federal | FY 2014-2017 Total |
| BR 2-163A ON K163 VICTORY CHAPEL ROAD OVER PENROSE 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             | 565.0               | 0.0             | 0.0                 | 0.0             | 565.0              |
|   | Total | 0.0                 | 0.0             | 0.0                 | 0.0             | 565.0               | 0.0             | 0.0                 | 0.0             | 565.0              |

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 2014 State/Other | FY 2014 Federal | FY 2015 State/Other | FY 2015 Federal | FY 2016 State/Other | FY 2016 Federal | FY 2017 State/Other | FY 2017 Federal | FY 2014-2017 Total |
| BR 2-163A ON K163 VICTORY CHAPEL ROAD OVER PENROSE 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             | 20.0                | 0.0             | 0.0                 | 0.0             | 0.0                 | 0.0             | 20.0               |
|   | CE    | 0.0                 | 0.0             | 0.0                 | 0.0             | 565.0               | 0.0             | 0.0                 | 0.0             | 565.0              |
|   | Total | 0.0                 | 0.0             | 20.0                | 0.0             | 565.0               | 0.0             | 0.0                 | 0.0             | 585.0              |

**Contact**

**BR2-204A ON K204 APPLE GROVE SCHOOL ROAD OVER ISSAC BRANCH**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of the existing corrugated metal pipes with reinforced concrete pipes. Additional work includes minor reconstruction of the approach roadway and placement of riprap in the stream to prevent scour. The work will be performed under a full road closure with detour.

**PROJECT JUSTIFICATION:** there is significant corrosion at the waterline with 100% section loss at several locations throughout the pipes. The existing pipes are structurally deficient and were selected by the Pontis Bridge Management System for work. This bridge was ranked 67<sup>th</sup> on the 2010 DelDOT Bridge Deficiency List

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 29  
**Senatorial District:** 15  
**Estimated Cost:** \$241,400  
**MPO Priority Rating:** N/A (Bridge)



| Project Authorization Schedule (X \$000) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                           | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-163A ON K163                        | PE           | 0.0                        | 0.0                | <del>0.0</del>             | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| VICTORY CHAPEL                           | RW           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| ROAD OVER                                | C            | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| PENROSE BRANCH                           | Total        | <del>0.0</del>             | 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) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|------------------------------------|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-163A ON K163                  | PE           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| VICTORY CHAPEL                     | RW           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| ROAD OVER                          | CE           | 22.7                       | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>             | 0.0                | 22.7                   |
| PENROSE BRANCH                     | Total        | 22.7                       | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>             | <del>0.0</del>     | 22.7                   |

**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” x 83” elliptical reinforced concrete pipe. The approach roadways will be reconstructed as needed and riprap will be placed in the streams for scour protection. The project 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 103<sup>rd</sup>.

**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) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                           | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-163A ON K163                        | PE           | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| VICTORY CHAPEL                           | RW           | 25.0                       | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| ROAD OVER                                | C            | 0.0                        | 0.0                | 208.0                      | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| PENROSE BRANCH                           | Total        | 25.0                       | 0.0                | 208.0                      | 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) |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|------------------------------------|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| BR 2-163A ON K163                  | PE           | 14.0                       | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 14.0                   |
| VICTORY CHAPEL                     | RW           | 25.0                       | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 25.0                   |
| ROAD OVER                          | CE           | 0.0                        | 0.0                | 208.0                      | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 208.0                  |
| PENROSE BRANCH                     | Total        | 39.0                       | 0.0                | 208.0                      | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 247.0                  |

**KENT COUNTY PIPE REPLACEMENTS, STATE FUNDED, OPEN ENDED**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of large corrugated metal pipes or pipe arches with a multiple cells of reinforced concrete pipes at three bridge locations; BR 2-125A, 2-126A, and 2-156B. Two-156B.'s 125A insert 125A hello h 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 lost at some locations. These bridges were ranked in the 2012 DeIDOT Bridge Deficiency List as follows: bridge 2-125A ranked 18<sup>th</sup>, bridge 2- 126A ranked 56<sup>th</sup>, bridge 2- 156B ranked 96<sup>th</sup>.

**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)                          |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| KENT COUNTY<br>PIPE<br>REPLACEMENTS,<br>FEDERALLY<br>FUNDED, 2012 | PE           | 0.0                        | 0.0                | <del>0.00.0</del>          | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.00.0</del>      |
|   | RW           | 60.0                       | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 60.0                   |
|   | C            | 0.0                        | 0.0                | 915.0                      | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 915.0                  |
|   | Total        | <del>0.0</del> 60.0        | 0.0                | <del>0.0</del> 915.0       | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 975.0                  |

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)                                |              |                            |                    |                            |                    |                            |                    |                            |                    |  |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|--|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total   |
| KENT COUNTY<br>PIPE<br>REPLACEMENTS,<br>FEDERALLY<br>FUNDED, 2012 | PE           | 61.0                       | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 61.0   |
|   | RW           | 60.0                       | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 60.0   |
|   | CC           | 0.0                        | 0.0                | 915.0                      | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 915.0  |
|   | Total        | 121.0                      | 0.0                | 915.0                      | 0.0                | 0.0                        | 0.0                | 0.0                        | <del>0.0</del> 0.0 | 1,0 on what<br>that has to<br>do tip<br>because the<br>victim 36.0 |

**KENT COUNTY PIPE REPLACEMENTS, FEDERALLY FUNDED, 2012**

**PROJECT SCOPE/DESCRIPTION:** This project involves the replacement of large corrugated metal pipes or pipe arches with a multiple cells of reinforced concrete pipes at four bridge locations; BR 2-131 A, 2-140 A, 2-160 A, and 2-286 A. 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 lost at some locations. These bridges were ranked in the 2012 DelDOT Bridge Deficiency List as follows: bridge 2-131 A ranked 81<sup>st</sup>, bridge 2-140 A ranked 87<sup>th</sup>, bridge 2-160 A ranked 55<sup>th</sup>, and bridge 2-286 A ranked 97<sup>th</sup>.

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 11, 29, 30  
**Senatorial District:** 15  
**Estimated Cost:** \$1,691,000  
**MPO Priority Rating:** N/A (Bridge)

| Project Authorization Schedule (X \$000)                          |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| KENT COUNTY<br>PIPE<br>REPLACEMENTS,<br>FEDERALLY<br>FUNDED, 2012 | PE           | 0.0                        | 0.0                | <del>0.00.0</del>          | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.00.0</del>      |
|   | 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                        | 1,200.8            | 0.0                        | 0.0                | 0.0                        | 0.0                | 1,200.8                |
|   | Total        | <del>0.00.0</del>          | 0.0                | <del>0.00.0</del>          | 1,200.8            | 0.0                        | 0.0                | 0.0                        | 0.0                | 1,200.8                |

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

Federal Funding Program: Highway Bridge Program

| Project Funding Schedule (X \$000)                                |              |                            |                    |                            |                    |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY 2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| KENT COUNTY<br>PIPE<br>REPLACEMENTS,<br>FEDERALLY<br>FUNDED, 2012 | PE           | 13.2                       | 53.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 66.2                   |
|   | RW           | 16.0                       | 64.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                        | 0.0                | 80.0                   |
|   | CC           | 0.0                        | 0.0                | 300.2                      | 1,200.8            | <del>0.0520.0</del>        | 0.0                | 0.0                        | <del>0.00.0</del>  | 1,501.0                |
|   | Total        | 29.2                       | 17.0               | 300.2                      | 1,200.8            | 0.0                        | 0.0                | <del>0.00.0</del>          | <del>0.00.0</del>  | 1,647.2                |

**PROVIDE BEAMS FOR BR2-195A ON WEST RAILROAD AVE. over ISSAC BRANCH, WYOMING**

**PROJECT SCOPE/DESCRIPTION:** This work involved the fabrication and delivery of precast concrete and NeXT beams to the construction site for Contract T201107201: BR two-195A on W. Railroad Ave over Issac Branch, Wyoming. The work will be performed under full road closures with detours.

**PROJECT JUSTIFICATION:** in order to expedite the process, this project is needed to allow the fabrication of the precast prestressed concrete members take place while the main contract is being finalized, bid, and executed..

**County:** Kent  
**Funding Program:** Road System – Bridge  
**Functional Category:** Management  
**Representative District:** 34  
**Senatorial District:** 17  
**Estimated Cost:** \$187,526  
**MPO Priority Rating:** N/A (Bridge)

| Project Authorization Schedule (X \$000) |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                           | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| KENT COUNTY                              | PE           | 0.0                        | 0.0                | <del>0.0</del>             | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>         |
| PIPE                                     | RW           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| REPLACEMENTS,                            | C            | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| STATE FUNDED,<br>2012                    | Total        | <del>0.0</del>             | 0.0                | <del>0.0</del>             | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del>         |

Federal Funding Program: Highway Bridge Program

| Project Funding Schedule (X \$000) |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|------------------------------------|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| KENT COUNTY                        | PE           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| PIPE                               | RW           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| REPLACEMENTS,                      | CE           | 0.0                        | 186.9              | 0.0                        | 0.0               | <del>0.0</del>             | 0.0                | 0.0                        | <del>0.0</del>     | 186.9                  |
| STATE FUNDED,<br>2012              | Total        | 0.0                        | 186.9              | 0.0                        | 0.0               | 0.0                        | 0.0                | <del>0.0</del>             | <del>0.0</del>     | 186.9                  |

**REMOVAL OF BR 2-357P PEDESTRIAN BRIDGE OVER ST. JONES RIVER**

**PROJECT SCOPE/DESCRIPTION:** Remove the existing pedestrian bridge over St. Jones River in its entirety. The removal work consists of removing the to girder steel superstructure with timber decking/rails, timber peers, and stone/concrete foundation. Other work may include placing riprap or other scour countermeasures to protect from further scour.

**PROJECT JUSTIFICATION:** BR-2-357P is pedestrian bridge built in 1960s and is in very poor condition. The bridge has a sufficiency rating of -2.0. The bridge has been closed to pedestrian traffic for several years now. We feel it is best to simply remove/demo the bridge rather than replace it.

**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)                      |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| KENT COUNTY<br>PIPE<br>REPLACEMENTS,<br>STATE FUNDED,<br>2012 | PE           | 25.3                       | 0.0                | <del>0.0</del> 0.0         | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | <del>0.0</del> 25.3    |
|   | RW           | 0.0                        | 0.0                | 22.0                       | 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        | <del>0.0</del> 25.3        | 0.0                | <del>0.0</del> 193.0       | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 218.4                  |

Federal Funding Program: Highway Bridge Program

| Project Funding Schedule (X \$000)                            |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>  | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| KENT COUNTY<br>PIPE<br>REPLACEMENTS,<br>STATE FUNDED,<br>2012 | PE           | 25.3                       | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 25.3                   |
|   | RW           | 0.0                        | 0.0                | 22.0                       | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 22.0                   |
|   | CE           | 0.0                        | 0.0                | 171.0                      | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 171.0                  |
|   | Total        | 25.3                       | 0.0                | 193.0                      | 0.0               | 0.0                        | 0.0                | <del>0.0</del> 0.0         | <del>0.0</del> 0.0 | 218.4                  |

## SUPPORT SERVICES

### GUARANTEED ENERGY SAVINGS AGREEMENT-SIEMENS

**Project description:** improvements to internal and external lighting systems, HVAC improvements, and building envelope improvements to the Administration Building, Dover DMV, and Dover inspection lanes.

**Project justification:** the project will replace agency equipment and systems in the Administration Building, Dover DMV and Dover Inspection Lanes on reducing the overall energy consumption.

**County:** Kent  
**Funding Program:** Support services  
**Functional Category:** Management  
**Representative District:** 32  
**Senatorial District:** 17  
**Estimated Cost:** \$3,220,800  
**MPO Priority Rating:** N/A (Bridge)

| Project Authorization Schedule (X \$000) |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                           | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| GUARANTEED                               | PE           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| ENERGY SAVINGS                           | RW           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| AGREEMENT-<br>SIEMENS                    | 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: Highway Bridge Program

| Project Funding Schedule (X \$000) |              |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|------------------------------------|--------------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| <u>Project</u>                     | <u>Phase</u> | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| GUARANTEED                         | PE           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| ENERGY SAVINGS                     | RW           | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| AGREEMENT-<br>SIEMENS              | CC           | 282.0                      | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 0.0                    |
| do not support<br>services to      | Total        | 282.0                      | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 282.0                  |

## **TRANSPORTATION SYSTEMS: FACILITIES**

### **TRANSIT FACILITIES: 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 reconfiguration. Changing the configuration will allow DTC to park these buses within the current property lines.

**PROJECT JUSTIFICATION:** The 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 Dover. With more buses planned in the future and the need to park buses safely, I knew bus parking configuration is needed.

**County:** Kent  
**Funding Program:** Transit System - Facilities  
**Functional Category:** Facilities  
**Representative District:** 32  
**Senatorial District:** 17  
**Estimated Cost:** \$596,900

| Project Funding Schedule (X \$000)  |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project   | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| TRANSIT<br>FACILITIES:DOVER<br>FACILITY BUS<br>PARKING<br>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                | 50.0                       | 200.0             | 0.0                        | 0.0                | 0.0                        | 0.0                | 250.0                  |
|   | Total | 10.4                       | 0.0                | 50.0                       | 200.0             | 0.0                        | 0.0                | 0.0                        | 0.0                | 260.4                  |

**TRANSIT FACILITIES: DOVER MAINTENANCE BUILDING LIFT REPLACEMENT**

**PROJECT SCOPE/DESCRIPTION:** This project will replace the in ground lifts used for bus maintenance at the Dover maintenance facility.

**PROJECT JUSTIFICATION:** The lift manufacturer went out of business, and the ability to get replacement parts is limited. Value to replace the lift will impact DART's ability to properly maintain fixed to and paratransit fleets.

**County:** Kent  
**Funding Program:** Transit System - Facilities  
**Functional Category:** Facilities  
**Representative District:** 32  
**Senatorial District:** 17  
**Estimated Cost:** \$620,000

| Project Funding Schedule (X \$000)  |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project   | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| TRANSIT<br>FACILITIES: DOVER<br>MAINTENANCE<br>BUILDING LIFT<br>REPLACEMENT | C     | 1.8                        | 7.4                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 9.2                    |
|   | Total | 1.8                        | 7.4                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 9.2                    |

**TRANSIT FACILITIES: DOVER TRANSIT CENTER**

**PROJECT SCOPE\DESCRIPTION:** The multi-modal Dover transit center is located at the former George and Lynch property at the intersection of water and Queen streets in Dover. The first phase of the project includes a bus loop for 14 buses, parking, and stormwater control the site was designed to accommodate a future 30,000 ft.<sup>2</sup> office building that has been put on hold. This last expenditure for the site is a restroom for bus drivers.

**PROJECT JUSTIFICATION:** DART has outgrown the existing transfer hub site. The new site allows for improved operations as well as connections to Greyhound\Trailway buses.

**County:** Kent  
**Funding Program:** Transit System - Facilities  
**Functional Category:** Facilities AMI is a crisis  
**Representative District:** 32  
**Senatorial District:** 17  
**Estimated Cost:** \$8,901,100

|   |       | Project Funding Schedule (X \$000) |                    |                            |                   |                            |                    |                            |                    |                        |
|---|-------|------------------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project   | Phase | FY 2014<br>State/<br>Other         | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| <i>TRANSIT<br/>FACILITIES: DOVER<br/>TRANSIT CENTER</i> | PE    | 11.2                               | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 11.2                   |
|   | C     | 175.0                              | 74.1               |                            |                   |                            |                    |                            |                    | 249.1                  |
|   | Total | 186.2                              | 74.1               | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 260.3                  |

# 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:** Maintenance  
**Estimated Cost:** \$900,000

| Project Authorization Schedule (X \$000)     |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                                      | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Preventative<br>Maintenance –<br>Kent County | OTHER | 0.0                        | 95.4               | 0.0                        | 95.4              | 0.0                        | 95.4               | 0.0                        | 95.4               | 381.6                  |
|  | Total | 0.0                        | 95.4               | 0.0                        | 95.4              | 0.0                        | 95.4               | 0.0                        | 95.4               | 381.6                  |

Federal Funding Program: Urbanized Area Formula Grant Program

| Project Funding Schedule (X \$000)           |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                                      | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Preventative<br>Maintenance –<br>Kent County | OTHER | 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: CUMMULATIVE**

**PROJECT SCOPE/DESCRIPTION:** This project will purchase buses to support the expansion of fixed-route and paratransit services in Kent County.

**PROJECT JUSTIFICATION:** The investment in transit vehicles is necessary to support growth and demand in Kent County.

**County:** Kent  
**Funding Program:** Transit System – Vehicles  
**Functional Category:** Expansion  
**Estimated Cost:** \$3,372,500

| Project Funding Schedule (X \$000) |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|------------------------------------|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                            | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Transit Vehicle<br>Expansion       | PRO   | 173.0                      | 692.1              | 0.0                        | 891.1             | 0.0                        | 0.0                | 0.0                        | 0.0                | 1,756.1                |
|                                    | Total | 173.0                      | 692.1              | 0.0                        | 891.1             | 0.0                        | 0.0                | 0.0                        | 0.0                | 1,756.1                |

*This activities contributing to this cumulative total are identified on the following pages.*

**TRANSIT VEHICLE EXPANSION: DOVER/REHOBOTH SHUTTLE 30' LOW FLOOR (Route 307)**

**PROJECT SCOPE/DESCRIPTION:** This project will purchase two 30-foot low-floor buses to provide expanded fixed route service in the Dover/Rehoboth area.

**PROJECT JUSTIFICATION:** DTC's business plan recommends expansion of fixed route service in the Dover/Rehoboth area.

**County:** Kent  
**Funding Program:** Transit System – Vehicles  
**Functional Category:** Expansion  
**Representative District:** 32  
**Senatorial District:** 18  
**Estimated Cost:** \$891,100

**DOVER/REHOBOTH SHUTTLE**

| Project Authorization Schedule (X \$000) |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                                  | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| 30' Low Floor (2)<br>Replace MD 30'      | PRO   | 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: Congestion Mitigation and Air Quality Improvement Program

| Project Funding Schedule (X \$000)          |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                                     | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| 30' Low Floor (2<br>have) Replace MD<br>30' | PRO   | 0.0                        | 0.0                | 0.0                        | 891.1             | 0.0                        | 0.0                | 0.0                        | 0.0                | 891.1                  |
|   | Total | 0.0                        | 0.0                | 0.0                        | 891.1             | 0.0                        | 0.0                | 0.0                        | 0.0                | 891.1                  |

**TRANSIT VEHICLE EXPANSION: (2) 30' LOW FLOOR (Transit Route 120)**

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

**PROJECT JUSTIFICATION:** DTC's business plan recommends expansion of fixed route service in the Dover-Smyrna area.

**County:** Kent  
**Funding Program:** Transit System – Vehicles  
**Functional Category:** Expansion  
**Representative District:** 32, 29  
**Senatorial District:** 17, 14  
**Estimated Cost:** \$865,100

**DOVER/REHOBOTH SHUTTLE**

| Project Authorization Schedule (X \$000) |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                                  | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| 30' Low Floor (2)<br>Replace MD 30'      | PRO   | 173.0                      | 692.1              | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 865.1                  |
|  | Total | 173.0                      | 692.1              | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 865.1                  |

Federal Funding Program: Urbanized Area Formula Grant Program

| Project Funding Schedule (X \$000)          |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                                     | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| 30' Low Floor (2<br>have) Replace MD<br>30' | PRO   | 173.0                      | 692.1              | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 865.1                  |
|   | Total | 173.0                      | 692.1              | 0.0                        | 0.0               | 0.0                        | 0.0                | 0.0                        | 0.0                | 865.1                  |

**TRANSIT VEHICLE EXPANSION: (2) 30' LOW FLOOR DOVER/SEAFORD (Transit Route 309)**

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

**PROJECT JUSTIFICATION:** DTC's business plan recommends expansion of fixed route service in the Dover/Seaford area.

**County:** Kent  
**Funding Program:** Transit System – Vehicles  
**Functional Category:** Expansion  
**Representative District:** 32, 29  
**Senatorial District:** 17, 21  
**Estimated Cost:** \$971,700

**DOVER/SEAFORD SHUTTLE**

| Project Authorization Schedule (X \$000) |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                                  | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| 30' Low Floor (2)                        | PRO   | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 194.3                      | 777.4              | 971.7                  |
|  | Total | 0.0                        | 0.0                | 0.0                        | 0.0               | 0.0                        | 0.0                | 194.3                      | 777.4              | 971.7                  |

Federal Funding Program: Urbanized Area Formula Grant Program

| Project Funding Schedule (X \$000) |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|------------------------------------|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                            | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| 30' Low Floor (2)                  | PRO   | 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                    |

**TRANSIT VEHICLE REPLACEMENT AND REFURBISHMENT: CUMMULATIVE**

**PROJECT SCOPE/DESCRIPTION:** This project consists of transit vehicle replacements and refurbishments for vehicles in Kent County including paratransit buses and support vehicles.

**PROJECT JUSTIFICATION:** The investment in transit vehicles is necessary to maintain the service to meet the demand in Kent County.

**County:** Kent  
**Funding Program:** Transit System – Vehicles  
**Functional Category:** Preservation state is no funding Franken is just with a term of tip and because of that is that the event that you are  
**Estimated Cost:** \$9,359,400  
**CTP page:**

| Project Authorization Schedule (X \$000) |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                                  | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Transit Vehicle Replacement              | PRO   | 50.1                       | 324.6              | 0.0                        | 1,448.5           | 632.5                      | 2,111.7            | 272.8                      | 756.6              | 5,596.8                |
|  | Total | 50.1                       | 324.6              | 0.0                        | 1,448.5           | 632.5                      | 2,111.7            | 272.8                      | 756.6              | 5,596.8                |

| Project Funding Schedule (X \$000) |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|------------------------------------|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                            | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Transit Vehicle Replacement        | PRO   | 357.1                      | 1,428.4            | 50.1                       | 324.6             | 0.0                        | 1,448.5            | 632.5                      | 2,111.7            | 6,352.9                |
|                                    | Total | 357.1                      | 1,428.4            | 50.1                       | 324.6             | 0.0                        | 1,448.5            | 632.5                      | 2,111.7            | 6,352.9                |

*This activity includes the following four described items, the replacement and maintenance of: paratransit buses and related support vehicles identified on the following pages.*

**TRANSIT VEHICLE REPLACEMENT AND REFURBISHMENT: PARATRANSIT BUSES**

**PROJECT SCOPE/DESCRIPTION:** This project will replace cut-away buses for paratransit service in Kent County. The replacement schedule includes 17 in FY 14, 3 in FY 15, 13 in FY 16, 23 in FY 17.

**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:** Preservation  
**Representative Districts:** 32  
**Senatorial Districts:** 17  
**Estimated Cost:** \$9,773,100

| Project Authorization Schedule (X \$000)            |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project   | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Transit Vehicle<br>Replacement<br>Paratransit Buses | PRO   | 0.0                        | 324.6              | 0.0                        | 1,448.5           | 527.9                      | 2,111.7            | 189.1                      | 756.6              | 5,355.4                |
|   | Total | 0.0                        | 324.6              | 0.0                        | 1,448.5           | 527.9                      | 2,111.7            | 189.1                      | 756.6              | 5,355.4                |

Federal Funding Program: Urbanized Area Formula Grant Program

| Project Funding Schedule (X \$000)                  |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|---|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project   | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Transit Vehicle<br>Replacement<br>Paratransit Buses | PRO   | 357.1                      | 1,428.4            | 0.0                        | 324.6             | 0.0                        | 1,448.5            | 527.9                      | 2,111.7            | 6,198.2                |
|   | Total | 357.1                      | 1,428.4            | 0.0                        | 324.6             | 0.0                        | 1,448.5            | 527.9                      | 2,111.7            | 6,198.2                |

**TRANSIT VEHICLE REPLACEMENT AND REFURBISHMENT: SUPPORT VEHICLES FOR KENT**

**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:** Preservation  
**Representative Districts:** 32  
**Senatorial Districts:** 17  
**Estimated Cost:** \$355,200

| Project Authorization Schedule (X \$000) |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|--|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                                  | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Transit Support Vehicle Replacement      | PRO   | 50.1                       | 0.0                | 0.0                        | 0.0               | 104.6                      | 0.0                | 83.7                       | 0.0                | 238.4                  |
|  | Total | 50.1                       | 0.0                | 0.0                        | 0.0               | 104.6                      | 0.0                | 83.7                       | 0.0                | 238.4                  |

Federal Funding Program: Urbanized Area Formula Grant Program

| Project Funding Schedule (X \$000)  |       |                            |                    |                            |                   |                            |                    |                            |                    |                        |
|-------------------------------------|-------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|--------------------|----------------------------|--------------------|------------------------|
| Project                             | Phase | FY 2014<br>State/<br>Other | FY 2014<br>Federal | FY 2015<br>State/<br>Other | FY2015<br>Federal | FY 2016<br>State/<br>Other | FY 2016<br>Federal | FY 2017<br>State/<br>Other | FY 2017<br>Federal | FY 2014-<br>2017 Total |
| Transit Support Vehicle Replacement | PRO   | 0.0                        | 0.0                | 50.1                       | 0.0               | 0.0                        | 0.0                | 104.6                      | 0.0                | 154.7                  |
|                                     | Total | 0.0                        | 0.0                | 50.1                       | 0.0               | 0.0                        | 0.0                | 104.6                      | 0.0                | 154.7                  |