

SR 9 AND DELAWARE STREET, INTERSECTION IMPROVEMENTS, NEW CASTLE

PROJECT SCOPE/DESCRIPTION: This project is to realign the SR 9 and Delaware Street intersection. The realignment of the intersection would orient through traffic to continue on SR 9 (Washington Street) and bypass to north of the City.

PROJECT JUSTIFICATION: The current geometry of the intersection encourages traffic to continue into the residential section of the city instead of using SR 9. This project was recommended from the DelDOT sponsored City of New Castle Transportation Plan.



| | |
|---------------------------------|-------------------------|
| County: | New Castle |
| Municipality: | New Castle |
| Funding Program: | Road System – Arterials |
| Functional Category: | Management |
| Representative District: | 17 |
| Senatorial District: | 12 |



SR 9 AND DELAWARE STREET, INTERSECTION IMPROVEMENTS, NEW CASTLE (CONTINUED)

SR 9 and Delaware Street



SR 9 AND DELAWARE STREET, INTERSECTION IMPROVEMENTS, NEW CASTLE (CONTINUED)

PROJECT FUNDING INFORMATION

| Project | Funding Type | Original Estimate | Current Estimate | Authorization | Committed as of 06/30/03 | Expended as of 06/30/03 | Committed Unexpended as of 06/30/03 | Authorization Available |
|-----------------------------------------------------------------|--------------|-------------------|------------------|---------------|--------------------------|-------------------------|-------------------------------------|-------------------------|
| SR 9 and Delaware Street, Intersection Improvements, New Castle | | \$ 150.0 | | | | | | |
| Prior Years | State | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| FY 2003 | State | | \$ 150.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| FY 2004 Authorized | State | | | \$ 0.0 | | | | \$ 0.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2005 Projected | State | | | \$ 150.0 | | | | \$ 150.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2006 Projected | State | | | \$ 0.0 | | | | \$ 150.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2007-2009 Projected | State | | | \$ 0.0 | | | | \$ 150.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| Total Projected | State | | | \$ 150.0 | \$ 0.0 | | | \$ 150.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | | | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | | | \$ 0.0 |
| Total All Funds | | \$ 150.0 | \$ 150.0 | \$ 150.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 150.0 |

SR 9 AND DELAWARE STREET, INTERSECTION IMPROVEMENTS, NEW CASTLE (CONTINUED)**PROJECT TIMELINE INFORMATION**

| Project # | Description | Phase | Funding Schedule | Current Estimate | Prior Years | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 -2009 |
|-----------|------------------------------------------------------------------------|-------|------------------|------------------|-------------|---------|---------|----------|---------|---------------|
| | SR 9 and Delaware Street, Intersection Improvements, New Castle | PD | 100% ST | \$ 150.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 150.0 | \$ 0.0 | \$ 0.0 |
| | | PE | 100% ST | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | RW | 100% ST | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | C | 80% FHWA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | |
| | Total All Funds | | | \$ 150.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 150.0 | \$ 0.0 | \$ 0.0 |

SR 9 CAPACITY IMPROVEMENTS, NEW CASTLE

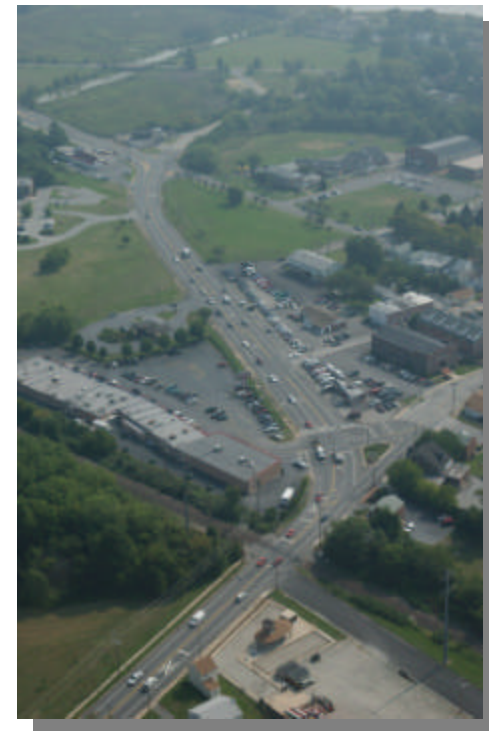
PROJECT SCOPE/DESCRIPTION: The Project Development phase will begin to possibly expand the roadway and pedestrian capacity on SR 9 as it passes through New Castle.

PROJECT JUSTIFICATION: The existing capacity of SR 9 narrows from four lanes to two lanes as it passes through the City of New Castle. Providing a continuous four-lane section around the historic center removes the incentive for traffic to use 3rd Street, 6th Street and 9th Street as a cut-through.

| | |
|---------------------------------|-------------------------|
| County: | New Castle |
| Municipality: | New Castle |
| Funding Program: | Road System – Arterials |
| Functional Category: | Expansion |
| Representative District: | 17 |
| Senatorial District: | 12 |



SR 9 Capacity Improvements



SR 9 CAPACITY IMPROVEMENTS, NEW CASTLE (CONTINUED)

PROJECT FUNDING INFORMATION

| Project | Funding Type | Original Estimate | Current Estimate | Authorization | Committed as of 06/30/03 | Expended as of 06/30/03 | Committed Unexpended as of 06/30/03 | Authorization Available |
|----------------------------------------|--------------|-------------------|------------------|---------------|--------------------------|-------------------------|-------------------------------------|-------------------------|
| SR 9 Capacity Improvements, New Castle | | \$ 250.0 | | | | | | |
| Prior Years | State | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| FY 2003 | State | | \$ 250.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| FY 2004 Authorized | State | | | \$ 0.0 | | | | \$ 0.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2005 Projected | State | | | \$ 250.0 | | | | \$ 250.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2006 Projected | State | | | \$ 0.0 | | | | \$ 250.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2007-2009 Projected | State | | | \$ 0.0 | | | | \$ 250.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| Total Projected | State | | | \$ 250.0 | \$ 0.0 | | | \$ 250.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | | | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | | | \$ 0.0 |
| Total All Funds | | \$ 250.0 | \$ 250.0 | \$ 250.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 250.0 |

SR 9 CAPACITY IMPROVEMENTS, NEW CASTLE (CONTINUED)**PROJECT TIMELINE INFORMATION**

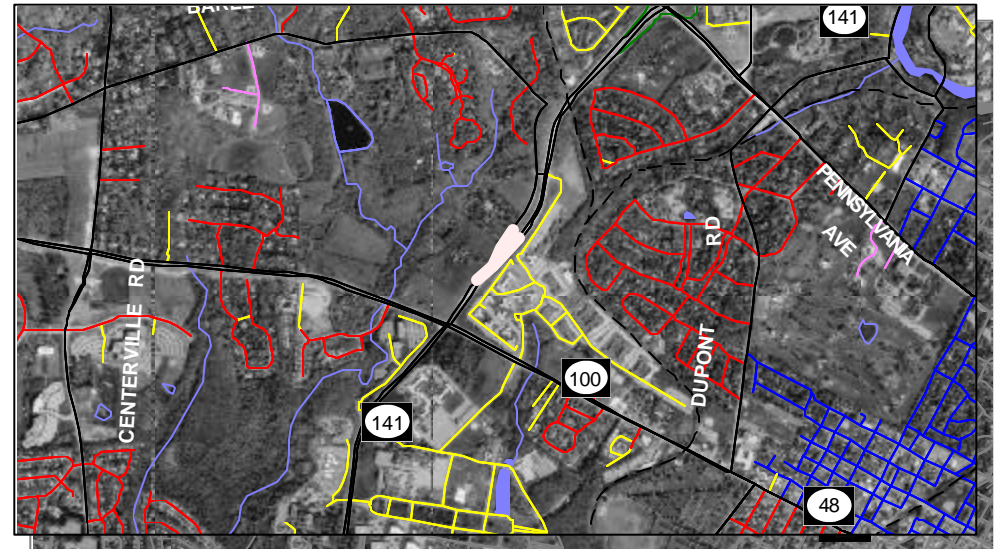
| Project # | Description | Phase | Funding Schedule | Current Estimate | Prior Years | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 -2009 |
|-----------|-----------------------------------------------|-------|------------------|------------------|-------------|---------|---------|----------|---------|---------------|
| | SR 9 Capacity Improvements, New Castle | PD | 100% ST | \$ 250.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 250.0 | \$ 0.0 | \$ 0.0 |
| | | PE | 100% ST | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | RW | 100% ST | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | C | 80% FHWA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | |
| | Total All Funds | | | \$ 250.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 250.0 | \$ 0.0 | \$ 0.0 |

SR141 AND BARLEY MILL ROAD INTERSECTION IMPROVEMENTS

PROJECT SCOPE/DESCRIPTION: Project Development will begin in FY 2005 to develop the project scope cost and estimate to improve the intersection at Centre Road (SR141) and Barley Mill Road in Wilmington.

PROJECT JUSTIFICATION: This project will improve the transportation flow at the failing intersection.

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|---------------------------------|-------------------------|
| County: | New Castle |
| Municipality: | |
| Funding Program: | Road System – Arterials |
| Functional Category: | Management |
| Representative District: | 4, 12 |
| Senatorial District: | 3, 4 |



SR141 and Barley Mill Road Intersection



SR141 AND BARLEY MILL ROAD INTERSECTION IMPROVEMENTS (CONTINUED)

PROJECT FUNDING INFORMATION

| Project | Funding Type | Original Estimate | Current Estimate | Authorization | Committed as of 06/30/03 | Expended as of 06/30/03 | Committed Unexpended as of 06/30/03 | Authorization Available |
|------------------------------------------------------|--------------|-------------------|------------------|---------------|--------------------------|-------------------------|-------------------------------------|-------------------------|
| SR141 and Barley Mill Road Intersection Improvements | | \$ 250.0 | | | | | | |
| Prior Years | State | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| FY 2003 | State | | \$ 250.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| FY 2004 Authorized | State | | | \$ 0.0 | | | | \$ 0.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2005 Projected | State | | | \$ 250.0 | | | | \$ 250.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2006 Projected | State | | | \$ 0.0 | | | | \$ 250.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2007-2009 Projected | State | | | \$ 0.0 | | | | \$ 250.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| Total Projected | State | | | \$ 250.0 | \$ 0.0 | | | \$ 250.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | | | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | | | \$ 0.0 |
| Total All Funds | | \$ 250.0 | \$ 250.0 | \$ 250.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 250.0 |

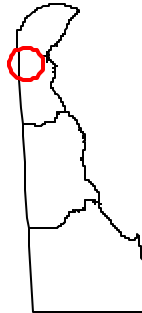
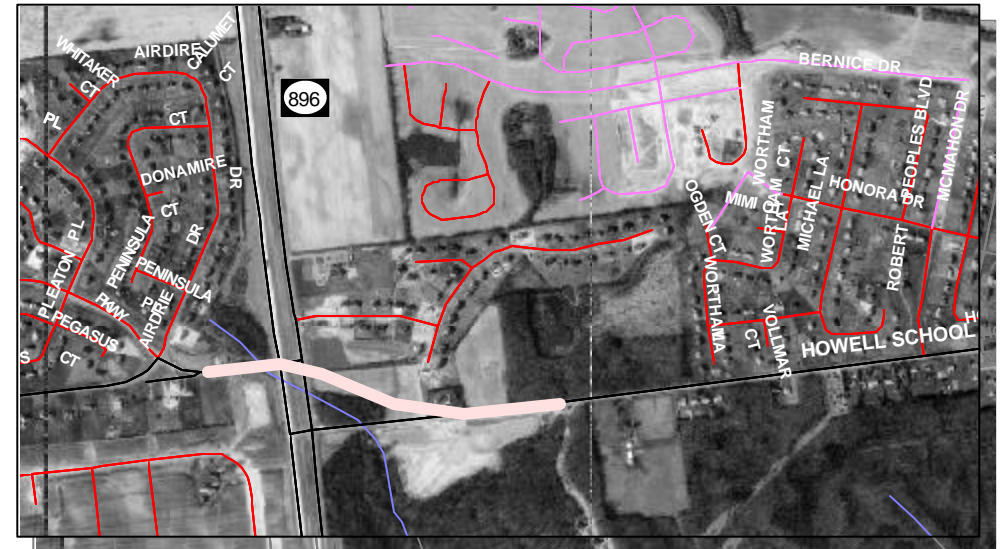
SR141 AND BARLEY MILL ROAD INTERSECTION IMPROVEMENTS (CONTINUED)**PROJECT TIMELINE INFORMATION**

| Project # | Description | Phase | Funding Schedule | Current Estimate | Prior Years | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 -2009 |
|-----------|-------------------------------------------------------------|-------|------------------|------------------|-------------|---------|---------|----------|---------|---------------|
| | SR141 and Barley Mill Road Intersection Improvements | PD | 100% ST | \$ 250.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 250.0 | \$ 0.0 | \$ 0.0 |
| | | PE | 100% ST | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | RW | 100% ST | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | C | 80% FHWA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | |
| | Total All Funds | | | \$ 250.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 250.0 | \$ 0.0 | \$ 0.0 |

SUMMIT BRIDGE ROAD, AT HOWELL SCHOOL ROAD AND DENNY'S ROAD INTERSECTION

PROJECT SCOPE/DESCRIPTION: This project will realign the Summit Bridge Road (SR896) intersections of Denny's Road (N396) and Howell School Road (N54) and provide two five-foot shoulders (shared bicycle lane) on Howell School Road from SR896 to Red Lion Road. Travel lanes will also be increased from 10' to 11'.

PROJECT JUSTIFICATION: This project was identified through the departmental prioritization process and the Project Development Committee. It will eliminate the need for the second traffic signal and mitigate congestion at the current two intersections.



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|---------------------------------|-------------------------|
| County: | New Castle |
| Municipality: | |
| Funding Program: | Road System - Arterials |
| Functional Category: | Management |
| Representative District: | 9, 15, 27 |
| Senatorial District: | 10, 12 |



SUMMIT BRIDGE ROAD, AT HOWELL SCHOOL ROAD AND DENNY'S ROAD INTERECTION (CONTINUED)**PROJECT FUNDING INFORMATION**

| Project | Funding Type | Original Estimate | Current Estimate | Authorization | Committed as of 06/30/03 | Expended as of 06/30/03 | Committed Unexpended as of 06/30/03 | Authorization Available |
|--------------------------------------------------------------------------------|--------------|-------------------|------------------|---------------|--------------------------|-------------------------|-------------------------------------|-------------------------|
| Summit Bridge Road, at Howell School Road and Denny's Road Intersection | | \$ 6,309.0 | | | | | | |
| Prior Years | State | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| FY 2003 | State | | \$ 6,309.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Federal | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | Other | | | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| FY 2004 Authorized | State | | | \$ 755.0 | | | | \$ 755.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2005 Projected | State | | | \$ 0.0 | | | | \$ 755.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2006 Projected | State | | | \$ 400.0 | | | | \$ 1,155.0 |
| | Federal | | | \$ 0.0 | | | | \$ 0.0 |
| | Other | | | \$ 0.0 | | | | \$ 0.0 |
| FY 2007-2009 Projected | State | | | \$ 1,030.8 | | | | \$ 2,185.8 |
| | Federal | | | \$ 4,123.2 | | | | \$ 4,123.2 |
| | Other | | | \$ 4,123.2 | | | | \$ 4,123.2 |
| Total Projected | State | | | \$ 2,185.8 | \$ 0.0 | | | \$ 2,185.8 |
| | Federal | | | \$ 4,123.2 | \$ 0.0 | | | \$ 4,123.2 |
| | Other | | | \$ 4,123.2 | \$ 0.0 | | | \$ 4,123.2 |
| Total All Funds | | \$ 6,309.0 | \$ 6,309.0 | \$ 10,432.2 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 10,432.2 |

SUMMIT BRIDGE ROAD, AT HOWELL SCHOOL ROAD AND DENNY'S ROAD INTERECTION (CONTINUED)**PROJECT TIMELINE INFORMATION**

| Project # | Description | Phase | Funding Schedule | Current Estimate | Prior Years | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 -2009 |
|-----------|--------------------------------------------------------------------------------|--------|------------------|------------------|-------------|---------|----------|---------|----------|---------------|
| | Summit Bridge Road, at Howell School Road and Denny's Road Intersection | PE/ENV | 100% ST | \$ 755.0 | \$ 0.0 | \$ 0.0 | \$ 755.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 |
| | | RW | 100% ST | 400.0 | 0.0 | 0.0 | 0.0 | 0.0 | 400.0 | 0.0 |
| | | C | 80% FHWA | 5,154.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5,154.0 |
| | | | | | | | | | | |
| | Total All Funds | | | \$ 6,309.0 | \$ 0.0 | \$ 0.0 | \$ 755.0 | \$ 0.0 | \$ 400.0 | \$ 5,154.0 |