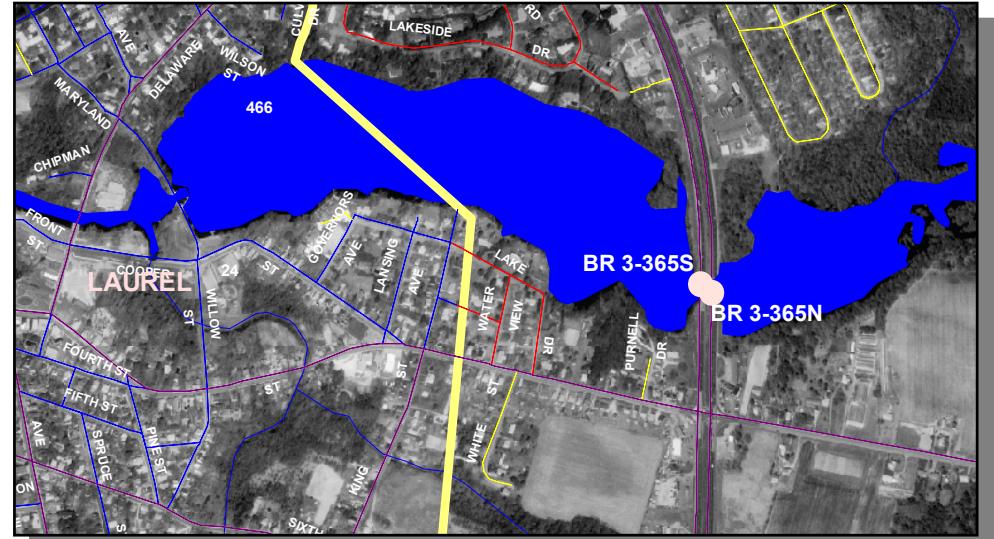


BR 3-365N AND BR 3-365S ON NORTH AND SOUTH US 13 OVER RECORDS POND, EAST OF LAUREL [Project No. 21-076-03]

PROJECT SCOPE/DESCRIPTION: This project will rehabilitate existing structures including pile jackets, concrete deck overlay, joint replacement, and upgrade existing bridge rail and guardrail. One lane of traffic on each bridge will be maintained during reconstruction.

PROJECT JUSTIFICATION: These bridges are functionally obsolete and rank 76th and 142nd, respectively, out of 1,399 on the department's bridge deficiency list (via the bridge management program).

County:	Sussex
Municipality:	
Funding Program:	Road System – Bridges
Functional Category:	Preservation
Representative District:	40
Senatorial District:	21



BR 3-365N AND BR 3-365S ON NORTH AND SOUTH US 13 OVER RECORDS POND, EAST OF LAUREL (CONTINUED)

Bridge 3-365S



BR 3-365N AND BR 3-365S ON NORTH AND SOUTH US 13 OVER RECORDS POND, EAST OF LAUREL (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 12/31/04	Expended as of 12/31/04	Committed Unexpended as of 12/31/04	Authorization Available
BR 3-365 and BR 3-365S on North and South US 13 over Records Pond, East of Laurel		\$ 1,274.0						
Prior Years	State			\$ 387.6	\$ 211.6	\$ 155.0	\$ 56.6	\$ 176.0
	Federal			\$ 886.4	\$ 846.3	\$ 0.0	\$ 846.3	\$ 40.1
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2005	State		\$ 1,274.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 176.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 40.1
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2006 Request	State							
	Federal							
	Other							
FY 2007 Projected	State							
	Federal							
	Other							
FY 2008 Projected	State							
	Federal							
	Other							
FY 2009-2011 Projected	State							
	Federal							
	Other							
Total Projected	State			\$ 387.6	\$ 211.6			\$ 176.0
	Federal			\$ 886.4	\$ 846.3			\$ 40.1
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 1,274.0	\$ 1,274.0	\$ 1,274.0	\$ 1,057.9	\$ 155.0	\$ 902.9	\$ 216.1

BR 3-365N AND BR 3-365S ON NORTH AND SOUTH US 13 OVER RECORDS POND, EAST OF LAUREL (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 -2011
21-076-03	BR 3-365 and BR 3-365S on North and South US 13 over Records Pond, East of Laurel	PE	100% ST	\$ 166.0	\$ 166.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		C	80% FHWA	1,108.0	1,108.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 1,274.0	\$ 1,274.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

BR 3-376 ON S376 OVER SANDY BRANCH, SELBYVILLE [Project No. 24-073-04]

PROJECT SCOPE/DESCRIPTION: The proposed work for Bridge 3-376 consists of replacing the existing corrugated metal pipe (CMP) with a precast concrete culvert. Other work shall include placing riprap for scour protection and resurfacing the approach roadway as needed. The road will be detoured during construction.

PROJECT JUSTIFICATION: The existing structure is an elliptical corrugated metal pipe in poor condition due to severe corrosion and complete loss of section along the bottom and at the waterline in several locations. There is also evidence of sag throughout the structure. The bridge is currently ranked 48th out of 1,399 on the department's bridge deficiency list (via the bridge management system).

County:	Sussex
Municipality:	
Funding Program:	Road System – Bridges
Functional Category:	Preservation
Representative District:	38
Senatorial District:	20



BR 3-376 ON S376 OVER SANDY BRANCH, SELBYVILLE (CONTINUED)

Bridge 3-376 on S376 Over Sandy Branch



Inside Bridge 3-376



BR 3-376 ON S376 OVER SANDY BRANCH, SELBYVILLE (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 12/31/04	Expended as of 12/31/04	Committed Unexpended as of 12/31/04	Authorization Available
BR 3-376 on S376 over Sandy Branch, Selbyville		\$ 676.1						
Prior Years	State			\$ 356.1	\$ 95.6	\$ 8.8	\$ 86.8	\$ 260.5
	Federal			\$ 680.4	\$ 678.4	\$ 9.9	\$ 668.5	\$ 2.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2005	State		\$ 1,036.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 260.5
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 2.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2006 Request	State							
	Federal							
	Other							
FY 2007 Projected	State							
	Federal							
	Other							
FY 2008 Projected	State							
	Federal							
	Other							
FY 2009-2011 Projected	State							
	Federal							
	Other							
Total Projected	State			\$ 356.1	\$ 95.6			\$ 260.5
	Federal			\$ 680.4	\$ 678.4			\$ 2.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 676.1	\$ 1,036.5	\$ 1,036.5	\$ 774.0	\$ 18.8	\$ 755.2	\$ 262.5

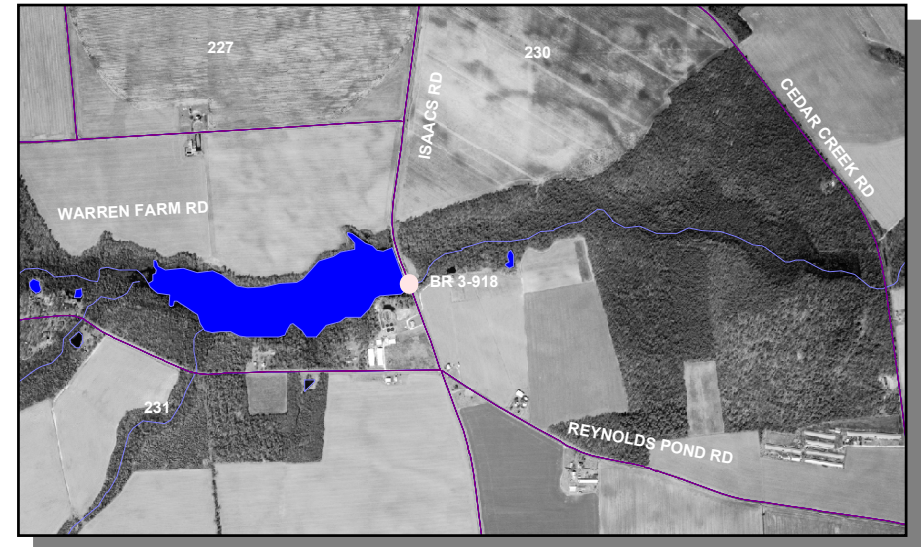
BR 3-376 ON S376 OVER SANDY BRANCH, SELBYVILLE (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 -2011
24-073-04	BR 3-376 on S376 over Sandy Branch, Selbyville	PE	80% FHWA	\$ 102.5	\$ 102.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		RW	100% ST	186.0	186.0	0.0	0.0	0.0	0.0	0.0
		C	80% FHWA	748.0	748.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 1,036.5	\$ 1,036.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

BR 3-918 ON SR 30, ISAACS ROAD, OVER REYNOLDS POND [Project No. 24-073-05]

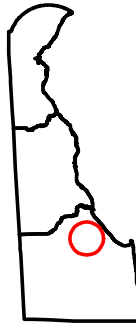
PROJECT SCOPE/DESCRIPTION: This bridge carries SR 30, Isaacs Road over Sowbridge Branch, the outlet of Reynolds Pond. Downstream of the bridge the landscape includes a wooded stream corridor with wooded floodplain wetlands while on the upstream side of the bridge a wooded wetland fringe surrounds Reynolds Pond. The neighboring landscapes include both residential areas as well as agricultural lands. The existing structure consists of a four-sided concrete structure and a spillway constructed of removable wooden planks, which control the pond elevation. A three-foot diameter pipe located approximately 500-feet north of the bridge also helps carry the base-flow from the pond.

This bridge was originally part of the “Milton Truck Bypass” project (21-046-01), but has since been moved out to be a separate project. It was removed due to construction design constraints. The project involves the replacement of existing four-sided structure with a wider concrete box culvert and construction of a new spillway. To address flooding concerns, the existing sluice gate spillway will be replaced with an 80-foot long semi-circular spillway. The proposed spillway will be 55-feet along the roadway. The three-foot diameter base-flow pipe north of the bridge will also be replaced. The placement of riprap and minor approach roadway work including the replacement of guardrail will also take place.



PROJECT JUSTIFICATION: The bridge is structurally deficient and too narrow, creating a pinch point on SR 30, Isaacs Road and a subsequent concern. Bridge 3-918 currently ranks 440th out of 1,399 on the department’s bridge deficiency list (via the bridge management program).

County:	Sussex
Municipality:	
Funding Program:	Road System – Bridges
Functional Category:	Preservation
Representative District:	36
Senatorial District:	19



BR 3-918 ON SR 30, ISAACS ROAD, OVER REYNOLDS POND (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 12/31/04	Expended as of 12/31/04	Committed Unexpended as of 12/31/04	Authorization Available
BR 3-918 on SR 30, Issacs Road over Reynolds Pond		\$ 720.0						
Prior Years	State			\$ 284.8	\$ 144.0	\$ 0.1	\$ 143.9	\$ 140.8
	Federal			\$ 435.2	\$ 348.0	\$ 0.2	\$ 347.8	\$ 87.2
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2005	State		\$ 720.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 140.8
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 87.2
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2006 Request	State							
	Federal							
	Other							
FY 2007 Projected	State							
	Federal							
	Other							
FY 2008 Projected	State							
	Federal							
	Other							
FY 2009-2011 Projected	State							
	Federal							
	Other							
Total Projected	State			\$ 284.8	\$ 144.0			\$ 140.8
	Federal			\$ 435.2	\$ 348.0			\$ 87.2
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 720.0	\$ 720.0	\$ 720.0	\$ 492.0	\$ 0.3	\$ 491.7	\$ 228.0

BR 3-918 ON SR 30, ISAACS ROAD, OVER REYNOLDS POND (CONTINUED)**PROJECT TIMELINE INFORMATION**

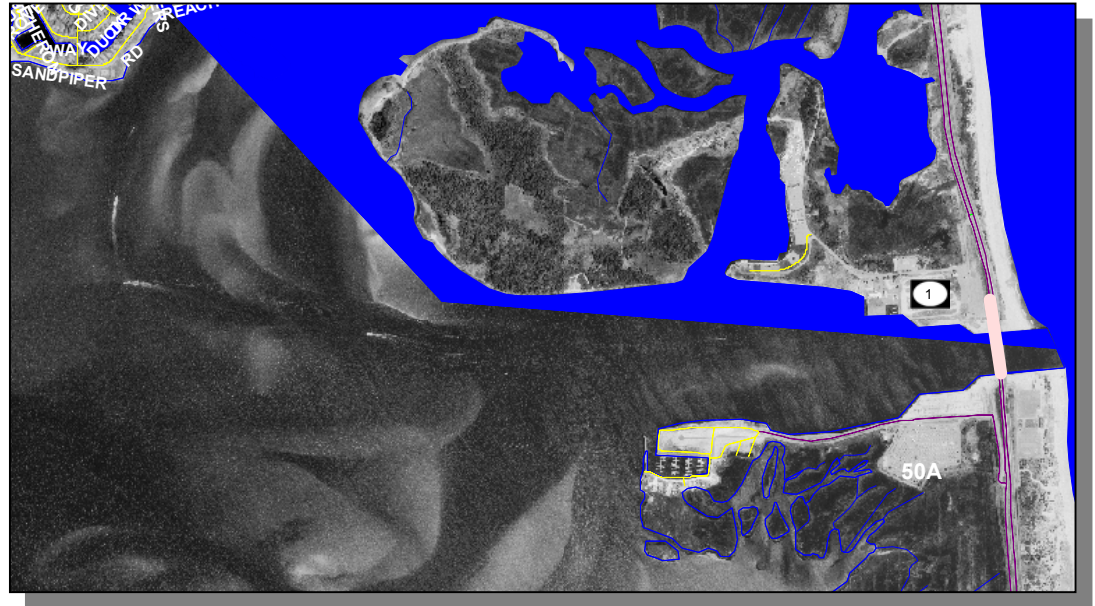
Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 -2011
24-073-05	BR 3-918 on SR 30, Issacs Road, over Reynolds Pond	PE	100% ST	\$ 121.0	\$ 121.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		RW	100% ST	55.0	55.0	0.0	0.0	0.0	0.0	0.0
		C	80% FHWA	544.0	544.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 720.0	\$ 720.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

INDIAN RIVER INLET BRIDGE AND AREA IMPROVEMENTS [Project No.'s 21-076-05, 22-500-48 and 23-073-03]

PROJECT SCOPE/DESCRIPTION: The current bridge will be replaced to alleviate the safety risk cause by the present scour condition at the foundations. To do this, the new structure will completely span the inlet with all foundation members constructed on “dry land.”

The proposed alignment will be west of the existing bridge. The location of the new bridge will be at the approximate location of the old bridge, which preceded the existing bridge. The replacement bridge and its approaches will be designed for construction to not disrupting traffic on the existing roadway except at the time of the construction tie-ins.

The support piers for the replacement bridge will be placed outside the inlet on land. The current inlet width at the existing bridge is approximately 500 feet. Pier placement will allow for future expansion of the inlet. Using these parameters, an approximate maximum span length will be 1,000 feet, assuming an inlet expansion to 800 feet. The inlet currently expands to 800 feet west of the bridge. At a minimum, all existing navigational and roadway clearance will be met. The current navigational vertical clearance is 35 feet. A minimum roadway vertical under-clearance of 19 feet 6 inches, located adjacent to the existing south abutment, will also be maintained.



The existing roadway cross-section will be retained. This cross-section will include two twelve-foot wide lanes in each direction separated by a median with five-foot interior shoulders and ten-foot exterior shoulders. Five-foot sidewalks protected by a barrier from the adjacent traffic will also be provided. The approaches will be construed on an embankment, similar to the existing bridge. The existing maximum grade of three percent will not be exceeded.

The proposed structure is a 1,000-foot span concrete arch with cable supported roadway and two 150-foot approach spans. The proposed alternative was chosen from a selection of eight alternatives during the public involvement process.

The construction will also include the demolition and removal of the “old” bridge, new access roads to the state park areas, state park improvements due to the direct impact of the bridge, utility relocations, environmental mitigation and other park area improvements.

INDIAN RIVER INLET BRIDGE AND AREA IMPROVEMENTS (CONTINUED)

PROJECT JUSTIFICATION: The swift current of the Indian River inlet has caused excessive erosion or scour of the channel bottom. This condition has led to the exposure of the existing bridge foundation and support piles to a level, which necessitates the replacement of the bridge. The new bridge will be constructed eliminating supports in the inlet channel. The bridge currently ranks 29th out of 1,399 on the department's bridge deficiency list (via the bridge management program).

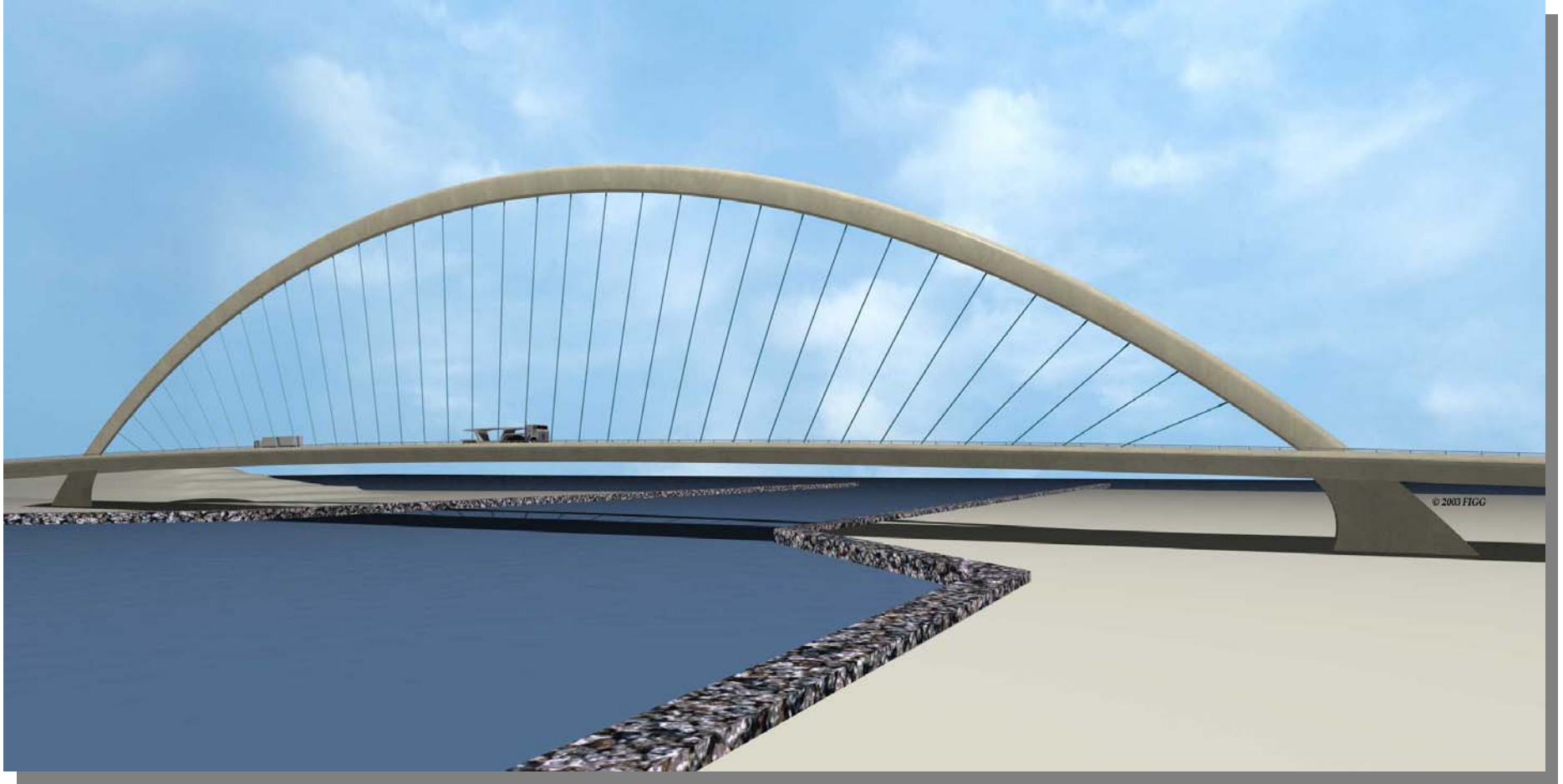
County:	Sussex
Municipality:	
Funding Program:	Road System - Bridges
Functional Category:	Preservation
Representative District:	38
Senatorial District:	20

**1940 Bridge Over Indian River Inlet****Current Bridge**

INDIAN RIVER INLET BRIDGE AND AREA IMPROVEMENTS (CONTINUED)

INDIAN RIVER INLET BRIDGE AND AREA IMPROVEMENTS (CONTINUED)

Proposed New Indian River Inlet Bridge



INDIAN RIVER INLET BRIDGE AND AREA IMPROVEMENTS (CONTINUED)**PROJECT FUNDING INFORMATION**

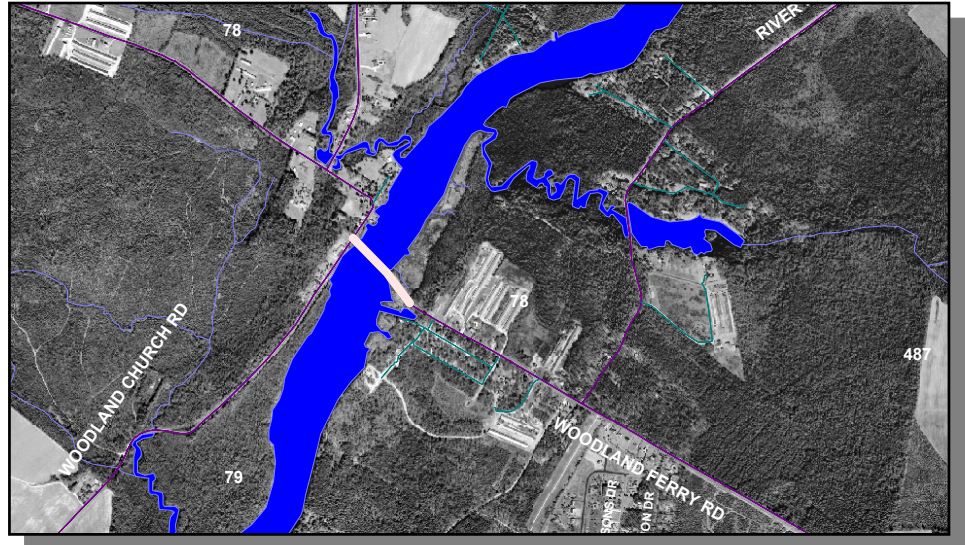
Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 12/31/04	Expended as of 12/31/04	Committed Unexpended as of 12/31/04	Authorization Available
Indian River Inlet Bridge and Area Improvements		\$ 168,049.5						
Prior Years	State			\$ 66,500.0	\$ 66,500.0	\$ 8,489.2	\$ 58,010.8	\$ 0.0
	Federal			\$ 9,958.3	\$ 9,958.3	\$ 7,552.4	\$ 2,405.9	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2005	State		\$ 168,049.5	\$ 51,179.5	\$ 51,148.4	\$ 0.0	\$ 51,148.4	\$ 31.1
	Federal			\$ 20,411.7	\$ 20,411.7	\$ 0.0	\$ 20,411.7	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2006 Request	State			\$ 15,000.0				\$ 15,031.1
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2007 Projected	State			\$ 5,000.0				\$ 20,031.1
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2008 Projected	State							
	Federal							
	Other							
FY 2009-2011 Projected	State							
	Federal							
	Other							
Total Projected	State			\$ 137,679.5	\$ 117,648.4			\$ 20,031.1
	Federal			\$ 30,370.0	\$ 30,370.0			\$ 0.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 168,049.5	\$ 168,049.5	\$ 168,049.5	\$ 148,018.4	\$ 16,041.6	\$ 131,976.8	\$ 20,031.1

INDIAN RIVER INLET BRIDGE AND AREA IMPROVEMENTS (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 -2011
21-076-05	Indian River Inlet Bridge and Area Improvements	PE	100% ST	\$ 5,779.5	\$ 5,700.0	\$ 79.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
22-500-48		PE, C	100% DISC FHWA	9,958.3	9,958.3	0.0	0.0	0.0	0.0	0.0
23-073-03		PE, C	100% FHWA	15,411.7	0.0	15,411.7	0.0	0.0	0.0	0.0
	Bridge Construction and Approaches	C	100% ST	86,000.0	60,800.0	10,200.0	15,000.0	0.0	0.0	0.0
	Construction Engineering	C	100% ST	10,000.0	0.0	10,000.0	0.0	0.0	0.0	0.0
	Demolition of Existing Bridge and Removal of Approach Fill	C	100% ST	2,700.0	0.0	2,700.0	0.0	0.0	0.0	0.0
	Environmental Mitigation	C	100% ST	2,500.0	0.0	2,500.0	0.0	0.0	0.0	0.0
	New Park Access Roads due to New Alignment	C	100% ST	5,000.0	0.0	5,000.0	0.0	0.0	0.0	0.0
	Park Site Improvements due to Direct Impact of Bridge	C	100% ST	5,600.0	0.0	5,600.0	0.0	0.0	0.0	0.0
	Park Area Improvements	C	100% ST	10,400.0	0.0	5,400.0	0.0	5,000.0	0.0	0.0
	Park Area Paving Improvements	C	100% ST	1,700.0	0.0	1,700.0	0.0	0.0	0.0	0.0
	Utility Relocations	C	38% FHWA	13,000.0	0.0	13,000.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 168,049.5	\$ 76,458.3	\$ 71,591.2	\$ 15,000.0	\$ 5,000.0	\$ 0.0	\$ 0.0

WOODLAND FERRY, BULKHEAD AND RAMP REPLACEMENT [ID No. 04-00671]

PROJECT SCOPE/DESCRIPTION: The following language was in the FY 2005 Capital Bond Bill for the replacement of the Woodland Ferry, Bulkhead and Ramp Replacement. The ferry will be purchased with funds authorized under the Statewide Equipment Program. The General Assembly took note of the unique and historic character of the Woodland Ferry, which operates, from time to time across the Nanticoke River near Seaford. In order to improve the reliability and safety of this service, the department is authorized and directed to take such steps as are necessary to acquire a safe and attractive previously owned vessel that would be in keeping with the important traditions established by this service. If the department in its judgment is unable to acquire such vessel, it shall undertake the design and construction of a new replacement ferry. Because time is of the essence, the department may exercise the authorities granted to it for emergency sole source contracting of goods and services without regard to any limits elsewhere designated in law. In addition, the department may use similar authorities to make necessary improvements to the ramps and bulkheads on either riverbank.



PROJECT JUSTIFICATION: The current bulkhead and ramps need to be replaced, as the ferry does not meet the ramps at different tidal depths.

County:	Sussex
Municipality:	
Funding Program:	Road System – Bridges
Functional Category:	Preservation
Representative District:	39, 40
Senatorial District:	21



WOODLAND FERRY, BULKHEAD AND RAMP REPLACEMENT (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 12/31/04	Expended as of 12/31/04	Committed Unexpended as of 12/31/04	Authorization Available
Woodland Ferry, Bulkhead and Ramp Replacement		\$ 600.0						
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 2005	State		\$ 600.0	\$ 300.0	\$ 300.0	\$ 0.0	\$ 300.0	\$ 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 2006 Request	State			\$ 300.0				\$ 300.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2007 Projected	State							
	Federal							
	Other							
FY 2008 Projected	State							
	Federal							
	Other							
FY 2009-2011 Projected	State							
	Federal							
	Other							
Total Projected	State			\$ 600.0	\$ 300.0			\$ 300.0
	Federal			\$ 0.0	\$ 0.0			\$ 0.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 600.0	\$ 600.0	\$ 600.0	\$ 300.0	\$ 0.0	\$ 300.0	\$ 300.0

WOODLAND FERRY, BULKHEAD AND RAMP REPLACEMENT (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 -2011
	Woodland Ferry, Bulkhead and Ramp Replacement	PE, C	100% ST	\$ 600.0	\$ 0.0	\$ 300.0	\$ 300.0	\$ 0.0	\$ 0.0	\$ 0.0
	Total All Funds			\$ 600.0	\$ 0.0	\$ 300.0	\$ 300.0	\$ 0.0	\$ 0.0	\$ 0.0