

DVRPC FY2014-2017 TIP for NJ

New Jersey Highway Program

Final Version

Burlington

DB# D1401 Burlington County ATMS Upgrade & CR 656 DMS Deployment **NEW**

AQCODE: X11

This project will upgrade existing Advanced Transportation Management System (ATMS) operations and deploy Dynamic Message Signs (DMS) along the corridor which connects the NJ Turnpike, US Route 130, I-295, and US Route 206. It will also include system server and communication upgrades to Burlington County's ATMS network. Two DMS will be deployed along CR 656 near the I-295's exit 52 interchange. The new DMS system servers and communication equipment will be interconnected with a fiber-optic communications network that will be connected to the County's Traffic Operations Center (TOC) in Mt. Laurel Township. A fiber-optic conduit will additionally be installed under existing pavement to provide communications for the DMS.

CMP: Not SOV Capacity Adding

Municipalities: Burlington Township; Springfield Township; Florence Township; Mansfield Township DVRPC Planning Area: Growing Suburb; Rural Area

CIS Program Subcategory: CIS Program Category:

Project Manager: Degrees of Disadvantage:

Mileposts: Sponsor: Burlington County

Improvement Type: Signal/ITS Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CON STATE-DVRPC		1.701								
Fiscal Year Total		1.701								
	Total FY2014-2017				Total Later FY2018-2023					
		1.701								

DB# D1510 Burlington County Bus Purchase

AQCODE: M10

In the DVRPC region, a combination of fixed route, subscription, and demand responsive transit services are provided in Burlington County, such as providing for the purchase of buses and capital equipment for BurLink. The Burlink bus system is a deviated fixed route service that is operated by the South Jersey Transportation Authority (SJTA) and provides transportation to county residents, employees and visitors. BurLink bus routes connect with many NJ TRANSIT bus routes and the River LINE.

CMP:

Municipalities: Various DVRPC Planning Area:

CIS Program Subcategory: CIS Program Category: Local System Support

Project Manager: Degrees of Disadvantage:

Mileposts: Sponsor: DVRPC

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
EC CMAQ		0.000								
Fiscal Year Total		0.000								
	Total FY2014-2017				Total Later FY2018-2023					
		0.000								

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DB# D0302 Burlington County Roadway Safety Improvements

AQCODE: S6

This program will provide for the installation of improved safety items including reflective pavement markings (including both striping and raised reflective markers), reflective object markers, reflective roadway delineators, guide rail, and other treatments that improve the overall safety and visibility of various roadways in the county.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Berryman, Tom

Degrees of Disadvantage:

Mileposts: N/A

Sponsor: Burlington County

Improvement Type: Roadway Rehabilitation

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CON STATE-DVRPC		0.600								
CON STATE-DVRPC				0.200						
CON STP-STU					0.700					
CON STP-STU							0.800			
CON STP-STU									0.800	
Fiscal Year Total		0.600		0.200	0.700		0.800		0.800	
	Total FY2014-2017		0.800		Total Later FY2018-2023			2.300		

DB# D1405 CR 545 and Old York Road (CR 660), Roundabout

NEW

AQCODE: S6

Burlington County is proposing to construct a modern roundabout at the intersection of County Route 545 (Bordentown-Georgetown Road) and County Route 660 (Old York Road) which ranks 27th in the DVRPC New Jersey sub-region and seventh in Burlington County on the new Rutgers high crash locations screening, and has a history of right angle crashes. The proposed roundabout would replace the existing skewed intersection alignment which is STOP controlled on the Old York Road approaches. The posted speed limit on all approaches to the intersection is 45 miles per hour. The existing roadway geometry promotes higher speeds than are appropriate for the adjacent land use which is a mix of both suburban and rural. A roundabout is the only alternative which will reduce vehicle speeds approaching the intersection and reduce conflicts between turning vehicles. A 2001 study by the Insurance Institute for Highway Safety showed that roundabouts reduce crashes by up to 40% and injury crashes by up to 80%. A modern roundabout and new drainage facilities will be constructed at the intersection. This roundabout will serve to calm traffic while maintaining traffic flow, and will eliminate the possibility of intersection crossover crashes.

CMP: Bordentown Township; Chesterfield Township

DVRPC Planning Area: Growing Suburb; Rural Area

CIS Program Subcategory:

CIS Program Category:

Project Manager:

Degrees of Disadvantage:

Mileposts: 12.54

Sponsor: Burlington County

Improvement Type: Intersection/Interchange Improvements

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CON HSIP		2.250								
Fiscal Year Total		2.250								
	Total FY2014-2017		2.250		Total Later FY2018-2023					

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DB# D9902 Hanover Street Bridge over Rancocas Creek, CR 616

AQCODE: S19

Hanover Street bridge over the Rancocas Creek is 0.2 miles north of CR 530. The existing bridge is two narrow lanes, a sidewalk and no shoulders. The bridge will be replaced on the same alignment. The new structure will be two travel lanes, sidewalks and shoulders. This project will accommodate bicycles and pedestrians.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 10B
 Municipalities: Pemberton Borough DVRPC Planning Area: Developed Community
 CIS Program Subcategory: Bridge Preservation CIS Program Category: Local System Support
 Project Manager: Eagleson, Todd Degrees of Disadvantage: 3
 Mileposts: 18.24 - 18.44 Sponsor: Burlington County
 Improvement Type: Bridge Repair/Replacement

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Phase Fund										
CON STATE-DVRPC			3.315							
Fiscal Year Total			3.315							
	Total FY2014-2017			3.315	Total Later FY2018-2023					

DB# 11368 Route 9, Jobs Creek Bridge

AQCODE: S19

The proposed work consists of replacing the existing two-lane bridge over Jobs Creek (Structure Number 0302-151) with a new two-lane, single-span structure. The proposed bridge will have two lanes and shoulders supported by concrete beams on concrete abutments supported by piles. Retaining walls will be required along the south side of the widened roadway but the entire structure would remain within the existing right-of-way. About 800 feet of bridge approach roads will be reconstructed at each end of the bridge. All safety features such as bridge parapets, shoulder width, roadway curvature, and guiderail will be included and no design exceptions are proposed.

CMP: Not SOV Capacity Adding DVRPC Planning Area: Rural Area
 Municipalities: Bass River Township CIS Program Category: Bridge Assets
 CIS Program Subcategory: Bridge Assets
 Project Manager: Dietrich, Mark Degrees of Disadvantage:
 Mileposts: 57.8 - 58.3 Sponsor: NJDOT
 Improvement Type: Bridge Repair/Replacement

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Phase Fund										
DES NHPP		1.630								
CON NHPP					3.600					
Fiscal Year Total		1.630			3.600					
	Total FY2014-2017			1.630	Total Later FY2018-2023					3.600

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DB# 11334 **Route 38, Route 30/130 to Lenola Road (CR 608)**

AQCODE: S10 Initiated from the Pavement Management System, this project consists of milling, resurfacing and rehabilitating the roadway within the project limits.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 10A

Municipalities: Pennsauken Township; Cherry Hill Township; Maple Shade Township DVRPC Planning Area: Developed Community

CIS Program Subcategory: CIS Program Category: Road Assets

Project Manager: Inverso, Frank Degrees of Disadvantage:

Mileposts: 0.00 - 6.1 Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Phase Fund										
CON NHPP	15.400									
Fiscal Year Total	15.400									
	Total FY2014-2017				Total Later FY2018-2023					
			15.400							

DB# 13329 **Route 38, Rt 295 to Rt 206** **NEW**

AQCODE: S10 Initiated from the Pavement Management System, this project will resurface various locations of the northbound direction and various locations of the southbound direction.

CMP:

Municipalities: Mount Laurel Township; Hainesport Township; Lumberton Township; Mount Holly Township DVRPC Planning Area: Developed Community; Growing Suburb

CIS Program Subcategory: CIS Program Category: Road Assets

Project Manager: Maevsky, Andrew Degrees of Disadvantage:

Mileposts: 9.53 - 19.19 Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Phase Fund										
CON STATE		7.305								
Fiscal Year Total		7.305								
	Total FY2014-2017				Total Later FY2018-2023					
			7.305							

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DB# 12307 **Route 38, South Church Street (CR 607) to Fellowship Road (CR 673), Operational and Safety Improvements** *NEW*

AQCODE: SDN Traffic congestion occurs on NJ 38 EB and WB during the PM peak on weekdays due to lack of capacity causing operational problems from queueing on NJ 38 WB, on Church St and on Fellowship Road between the intersections.

CMP: _____
 Municipalities: Moorestown Township DVRPC Planning Area: Developed Community
 CIS Program Subcategory: _____ CIS Program Category: Congestion Relief
 Project Manager: Maevsky, Andrew Degrees of Disadvantage: _____
 Mileposts: 7.53-7.59 Sponsor: NJDOT
 Improvement Type: Intersection/Interchange Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
PE NHPP	2.000									
DES NHPP				1.500						
ROW NHPP					3.000					
CON NHPP							7.000			
Fiscal Year Total	2.000			1.500	3.000		7.000			
	Total FY2014-2017		3.500		Total Later FY2018-2023			10.000		

DB# 10307 **Route 70, East of North Branch Road to CR 539**

AQCODE: S10 Proposed pavement rehabilitation strategy to occur on this section of Rt. 70, which is a public facility and part of the NHS, will provide for milling and overlay to either match existing grade or provide a 2 to 3 inch increase in profile grade. NOTE: NJDOT is evaluating the feasibility of rubblization for this project since it is in a low constraint area. This solution, if feasible, would increase the proposed cost but would significantly extend the service life of the repair by allowing construction of a perpetual pavement that will ultimately provide a superior product with significantly less future maintenance costs. Pavement rehabilitation Rank #28 on the 2008 Pavement Projects List.

CMP: _____ Not SOV Capacity Adding
 Municipalities: Pemberton Township DVRPC Planning Area: Rural Area
 CIS Program Subcategory: _____ CIS Program Category: Road Assets
 Project Manager: Shah, Samir Degrees of Disadvantage: 2
 Mileposts: 31.2-38.45 Sponsor: NJDOT
 Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
PE NHPP	0.200									
DES NHPP			0.300							
CON NHPP					5.140					
Fiscal Year Total	0.200		0.300		5.140					
	Total FY2014-2017		0.500		Total Later FY2018-2023			5.140		

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DB# 11411 **Route 70, Red Lion Road (CR 685) to Dakota Trail, Pavement** **NEW**

AQCODE: S10 Initiated from the Pavement Management System, this project consists of milling, resurfacing and rehabilitating the roadway within the project limits. Rumble strips will also be added to project.

CMP:

Municipalities: Southampton Township; Woodland Township

DVRPC Planning Area: Rural Area

CIS Program Subcategory:

CIS Program Category: Road Assets

Project Manager: Pennell, Ed

Degrees of Disadvantage:

Mileposts: 18.0 - 27.7

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
PE NHPP	0.800									
DES NHPP		1.100								
CON NHPP			11.612							
Fiscal Year Total	0.800	1.100	11.612							
	Total FY2014-2017			13.512	Total Later FY2018-2023					

DB# 11410 **Route 72, Route 70 to County Route 532, Pavement** **NEW**

AQCODE: S10 Initiated from the Pavement Management System, this project will resurface both directions within the project limits. The existing pavement is in poor condition. This project proposes to mill 3 inches of existing HMA and and replace with 4 inches of HMA for the travel lanes. The shoulders are proposed to be milled 1 inch and replaced with 2 inches of HMA. An increase in thickness is necessary to allow for correcting pavement cross slope.

CMP:

Municipalities: Woodland Township

DVRPC Planning Area: Rural Area

CIS Program Subcategory:

CIS Program Category: Road Assets

Project Manager: Patel, Pankesh

Degrees of Disadvantage:

Mileposts: 0.0 - 6.0

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CON NHPP	5.120									
Fiscal Year Total	5.120									
	Total FY2014-2017			5.120	Total Later FY2018-2023					

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DB# 02397

Route 130, Columbus Road/Jones Street

NEW-G

AQCODE: R1

The existing five-legged intersection is comprised of two closely spaced signals with left turns permitted from the "live" left lane of Rt. 130 northbound onto Jones Street. The project will address operational, physical and safety problems. The proposed project includes the following: Designated left-turn lane will be provided for northbound Route 130 onto Jones Street; Median opening at Court Drive will be closed, but allowing for the use of emergency vehicles; The existing traffic signal at the intersection will be replaced; ADA compatible pedestrian crosswalk and sidewalks will be provided at the intersection; A lead signal phase will be provided for the northbound Route 130 left-turn and for westbound Columbus Road. The project will include milling and resurfacing at the intersection. These improvements will address the operational and safety concerns at the subject intersection.

CMP: Minor SOV Capacity Adding Subcorr(s): 6D
 Municipalities: Burlington City DVRPC Planning Area: Developed Community
 CIS Program Subcategory: Congestion Relief CIS Program Category: Safety Management
 Project Manager: Bousenberry, Bob Degrees of Disadvantage: 3
 Mileposts: 46.8-47.9 Sponsor: NJDOT
 Improvement Type: Intersection/Interchange Improvements
 This project may be suitable for ITS treatments.

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
DES NHPP	0.000										
CON STATE			1.000								
Fiscal Year Total	0.000		1.000								
	Total FY2014-2017			1.000	Total Later FY2018-2023						

DB# 02309

Route 130, Crystal Lake Dam

AQCODE: S2

Crystal Lake Dam carries US Rt. 130 over Springhill Brook and is owned by NJDOT. It is classified as a "Significantly Hazard" dam by the New Jersey Department of Environmental Protection- Bureau of Dam Safety and Flood Control. The dam does not conform to current NJ Dam Safety Standards. The purpose of the project is to bring it into conformance with those standards, this will include providing overtopping protection for a 100 yr. storm event, improvement to the spillway, construction of a new sluice gate and access, slope stabilization and regrading, clearing of vegetation on the embankment and re-vegetation compatible with the site to provide slope stabilization, construction of a new inlet, new guiderail and minor repairs to the existing culvert.

CMP: Not SOV Capacity Adding Subcorr(s): 6B
 Municipalities: Bordentown Township DVRPC Planning Area: Growing Suburb
 CIS Program Subcategory: Roadway Preservation CIS Program Category: Bridge Assets
 Project Manager: Bousenberry, Bob Degrees of Disadvantage: 0
 Mileposts: 53.5 Sponsor: NJDOT
 Improvement Type: Bridge Repair/Replacement

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
ROW NHPP	0.000										
CON NHPP		4.368									
Fiscal Year Total	0.000	4.368									
	Total FY2014-2017			4.368	Total Later FY2018-2023						

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DB# 9212C Route 206, Monmouth Road/Juliustown Road Intersection Improvements (CR 537)

AQCODE: X5

This proposed safety and operational improvement project would provide a west and eastbound left-turn lane at Monmouth Road, widening to provide for shoulders, as well as improving the geometry and signal timing. In addition, the existing four-lane section should be extended through both intersections to provide more of a safe distance to tie back into the two-lane section. This project will incorporate recommendations made in the Rt. 206 Bicycle/Pedestrian Compatibility Study.

CMP: Minor SOV Capacity
 Municipalities: Springfield Township
 CIS Program Subcategory: Congestion Relief
 Project Manager: Dietrich, Mark
 Mileposts: 26.37 - 27.33
 Improvement Type: Intersection/Interchange Improvements
 This project may be suitable for ITS treatments.

DVRPC Planning Area: Rural Area
 CIS Program Category: Congestion Relief
 Degrees of Disadvantage:
 Sponsor: NJDOT

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
PE NHPP	0.600										
DES NHPP			0.700								
ROW STATE			0.164								
CON NHPP					5.345						
Fiscal Year Total	0.600		0.864		5.345						
	Total FY2014-2017			1.464	Total Later FY2018-2023				5.345		

DB# D9903 Smithville Road Bridge over Rancocas Creek, CR 684

AQCODE: S19

Smithville Road Bridge over the Rancocas Creek is one mile north of the intersection with CR 530. This two-lane bridge carries an AADT of about 3,200 vehicles. The road is classified as an Urban Collector. The current sufficiency rating for the bridge is 22.7. This bridge will be replaced.

CMP: Not SOV Capacity Adding
 Municipalities: Eastampton Township
 CIS Program Subcategory: Bridge Preservation
 Project Manager: Eagleson, Todd
 Mileposts: 0.71 - 0.91
 Improvement Type: Bridge Repair/Replacement

Adding Subcorr(s): 10B
 DVRPC Planning Area: Growing Suburb
 CIS Program Category: Local System Support
 Degrees of Disadvantage: 0
 Sponsor: Burlington County

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CON STATE-DVRPC		0.254								
CON STATE-DVRPC			2.121							
CON STATE-DVRPC				0.700						
Fiscal Year Total		0.254	2.121	0.700						
	Total FY2014-2017			3.075	Total Later FY2018-2023					

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DB# D9912A South Pemberton Road, CR 530, Phase 2

LRPID: 25

AQCODE: 2025M

This project will reconstruct and provide lane and shoulder widening approximately 2.7 miles of CR 530 (S. Pemberton Rd.) from Hanover St. (CR 616) in Pemberton Borough to US Route 206 in Southampton Township. The widening of the roadway is not an additional through lane, but will include a 5 lane cross-section that contains a fourteen foot continuous turn lane, new six foot shoulders, and four- twelve foot travel lanes. There are many driveways/access points along the corridor, and the continuous turn lane is to provide a safe area to get out of the main flow of traffic and reduce collisions during turns off of the roadway. Over the last ten years there have been twelve fatalities on this stretch of roadway. Crash data over the last five years (2006-2010) documents 348 crashes in this segment, including 94 injury crashes. The roadway segment is a heavily traveled corridor due to the fact that it is a continuation of State Highway Route 38. Route 38 ends at Route 206 (The South Pemberton Road westernmost limit) and becomes CR 530/South Pemberton Road, which carries a traffic volume of over 25,000 AADT. This project provides for the acquisition of easements and/or full takings of over 90 parcels and provides for the environmental clean-up and demolishing of all structures. This project will also include tree clearing to accommodate roadway and shoulder width. This project is a breakout of South Pemberton Road, CR 530, Phase 1 (DB# D9912).

CMP:

Municipalities: Pemberton Borough; Pemberton Township; Southampton Township DVRPC Planning Area: Developed Community; Rural Area Township

CIS Program Subcategory: Local System Support/Local Roadway CIS Program Category: Local System Support

Project Manager: Degrees of Disadvantage: 7

Mileposts: 0.0-2.68 Sponsor: Burlington County

Improvement Type: Intersection/Interchange Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
CON DEMO		7.199								
CON STP-STU		4.650								
CON STP-STU			8.761							
CON STP-STU				6.390						
Fiscal Year Total		11.849	8.761	6.390						
		Total FY2014-2017	27.000			Total Later FY2018-2023				

Total for Burlington:

24.120	31.057	27.973	8.790	17.785	7.800	0.800
Total FY2014-2017	91.940			Total Later FY2018-2023	26.385	