



TIP

Highlights

FY2018 TIP for New Jersey
(FY2018-2021)



The Delaware Valley Regional Planning Commission is the federally designated Metropolitan Planning Organization for a diverse nine-county region in two states: Bucks, Chester, Delaware, Montgomery, and Philadelphia in Pennsylvania; and Burlington, Camden, Gloucester, and Mercer in New Jersey.



DVRPC's vision for the Greater Philadelphia Region is a prosperous, innovative, equitable, resilient, and sustainable region that increases mobility choices by investing in a safe and modern transportation system; that protects and preserves our natural resources while creating healthy communities; and that fosters greater opportunities for all.

DVRPC's mission is to achieve this vision by convening the widest array of partners to inform and facilitate data-driven decision-making. We are engaged across the region, and strive to be leaders and innovators, exploring new ideas and creating best practices.

TITLE VI COMPLIANCE | DVRPC fully complies with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, Executive Order 12898 on Environmental Justice, and related nondiscrimination statutes and regulations in all programs and activities. DVRPC's website, www.dvrpc.org, may be translated into multiple languages. Publications and other public documents can be made available in alternative languages and formats, if requested. DVRPC public meetings are always held in ADA-accessible facilities, and in transit-accessible locations when possible. Auxiliary services can be provided to individuals who submit a request at least seven days prior to a public meeting. Requests will be accommodated to the greatest extent possible. Any person who believes they have been aggrieved by an unlawful discriminatory practice by DVRPC under Title VI has a right to file a formal complaint. Any such complaint may be in writing and filed with DVRPC's Title VI Compliance Manager and/or the appropriate state or federal agency within 180 days of the alleged discriminatory occurrence. For more information on DVRPC's Title VI program or to obtain a Title VI Complaint Form, please visit: www.dvrpc.org/GetInvolved/TitleVI, call (215) 592-1800, or email public_affairs@dvrpc.org.

DVRPC is funded through a variety of funding sources including federal grants from the U.S. Department of Transportation's Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), the Pennsylvania and New Jersey departments of transportation, as well as by DVRPC's state and local member governments. The authors, however, are solely responsible for the findings and conclusions herein, which may not represent the official views or policies of the funding agencies.

[1] INTRODUCTION

The Delaware Valley Regional Planning Commission (DVRPC) FY2018 Transportation Improvement Program (TIP) for New Jersey, which includes the counties of Burlington, Camden, Gloucester, and Mercer in New Jersey, is available for the public. DVRPC prepares a major update to the New Jersey TIP every other year to coincide with the update of the New Jersey Department of Transportation's (NJDOT's) fiscally constrained 10-year Statewide TIP (STIP), and releases a draft program for a review and comment period prior to recommending it for adoption by the DVRPC Board. The draft versions of the DVRPC FY2018 TIP and NJDOT's FY2018 STIP were available for public review and comment during the public comment period that began on August 14, 2017, and closed at 5:00 PM on September 14, 2017. Further details regarding the review process are located at the end of this document. This Highlights document briefly describes the region's TIP for NJ and includes a financial summary of costs by county and by operator, as well as how to learn more about the DVRPC TIP for NJ. For further details about the TIP, please visit www.dvrpc.org/TIP.

What is the TIP?

By way of congressional mandate, federal transportation legislation requires that DVRPC, as the Metropolitan Planning Organization (MPO) for the region, develop and update a Transportation Improvement Program, or TIP, in order for the region to be eligible to receive and spend federal transportation funds.

The TIP lists all transportation projects that intend to use federal funds, as well as state-funded capital projects that are transportation improvement priorities for this region. It is a multimodal, four year program that shows estimated costs and schedules by project phase. Most importantly, the TIP is financially constrained to the amount of funds that are expected to be available. In order to add projects to the TIP, others must be deferred to maintain this financial constraint, or additional funding to the region must be identified. As a result, the TIP is not a "wish list"; competition between projects for a spot on the TIP clearly exists. The TIP not only lists specific projects but also documents the anticipated schedule and cost for each project phase (Preliminary Engineering, Final Design, Right-of-Way Acquisition, and Construction). Although it is not a final schedule of project implementation, inclusion of a project phase in the TIP means that it is seriously expected to be implemented during the TIP time period.

The production of the TIP is the culmination of the transportation planning process and represents a consensus among state and regional officials as to what near-term improvements to pursue. Consensus is crucial because the federal and state governments want assurances that all interested parties have participated in developing the priorities before committing significant sums of money. A project's inclusion in the TIP signifies regional agreement on the priority of the project and establishes eligibility for federal funding.

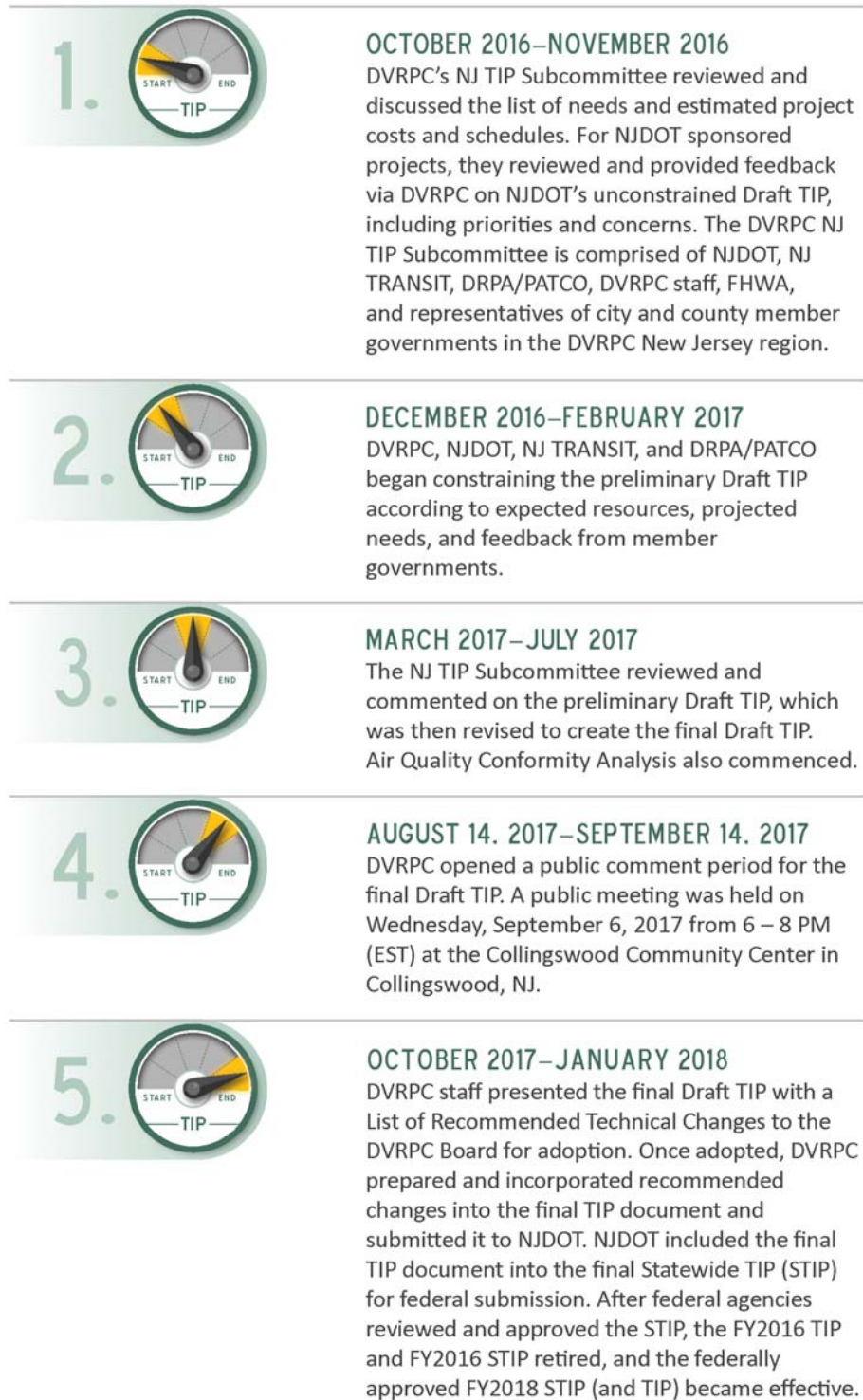
The TIP is a requirement of federal transportation legislation, which is currently the Fixing America's Surface Transportation Act (FAST Act), or Public Law (P.L.) 114-94. The FAST Act was signed into law on December 4, 2015 and will expire on September 30, 2020. The FAST Act is the

first federal law in over 10 years to provide long-term funding certainty for surface transportation, after multiple extensions of the Moving Ahead for Progress in the 21st Century Act (MAP-21) which began on October 1, 2012 and originally was set to expire on September 31, 2014. The FAST Act built on the initiatives established in MAP-21; the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU); the Transportation Equity Act for the 21st Century (TEA-21); and the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA). Transportation investment has been prescribed in a balanced approach through a guaranteed commitment to highways and bridges, public transit, safety, intermodal projects, and advanced technologies, such as Intelligent Transportation Systems (ITS).

What is the Timeline to Develop the TIP?

As Figure 1 portrays, TIP development (or update) typically begins approximately 10 months prior to adoption and involves intensive staff work and negotiations by NJDOT, NJ TRANSIT, DRPA/PATCO, DVRPC staff, FHWA, and representatives of DVRPC city and county member governments, which constitute the DVRPC NJ TIP Subcommittee. For the DVRPC FY2018 TIP, the process commenced during the fall of 2016 with the review of costs and schedules of FY2016 TIP projects, and projects anticipated to “graduate” from Concept Development. By March 2017, the result was a constrained, preliminary draft program (“preliminary Draft TIP”) based on reasonable, anticipated revenue projections for the next 10-years (FY2018-2027) and based on feedback from the NJ TIP Subcommittee. Negotiations continued to July 2017 in order to address as many issues as possible in the Highway, Transit, and Study and Development programs and to arrive at a final list of projects for the Draft TIP (“final Draft TIP”) that could be evaluated for impacts on air quality conformity. DVRPC then opened a 30+ day public comment period, in which the two documents, Draft DVRPC TIP and NJDOT’s Draft Statewide TIP (STIP), were shared with the public for feedback. The DVRPC Board is the final decision-making body of the Metropolitan Planning Organization (MPO), and DVRPC requested DVRPC Board adoption of the Draft TIP (with recommended technical changes) on October 26, 2017. Since the Board’s adoption, DVRPC submitted the final TIP document that incorporated the Board approved recommended technical changes to NJDOT for approval and inclusion in the STIP that is then submitted to federal partners (e.g. FHWA, FTA) for review and approval. The DVRPC FY2018 TIP and NJDOT FY2018 STIP take effect after federal partners formally approve the NJDOT FY2018 STIP.

FIGURE 1: TIP DEVELOPMENT TIMELINE



Source: DVRPC, 2017

[2] PROGRAM SUMMARIES

The DVRPC FY2018 TIP for New Jersey contains project descriptions, project maps, and the appendices for DVRPC’s New Jersey region. There are 152 projects (99 Highway and 53 Transit), totaling \$2 billion for the phases to be advanced over the next four years (FY2018–2021), and averaging \$506 million per year. Programmed funds include \$1.3 billion for projects primarily addressing the highway system and \$722 million for transit projects for New Jersey Transit (NJ TRANSIT) and the Delaware River Port Authority (DRPA)/Port Authority Transit Corporation (PATCO), as Table 1 and Figure 2 show. The TIP also shows 107 statewide projects that are highway programs managed by NJDOT for the State of New Jersey worth almost \$4.3 billion in the first four years; 14 NJDOT sponsored projects that will be in Study and Development; and 2 “Tier 2” unfunded projects in the DVRPC region that cannot be funded based on current 10-year revenue estimates.

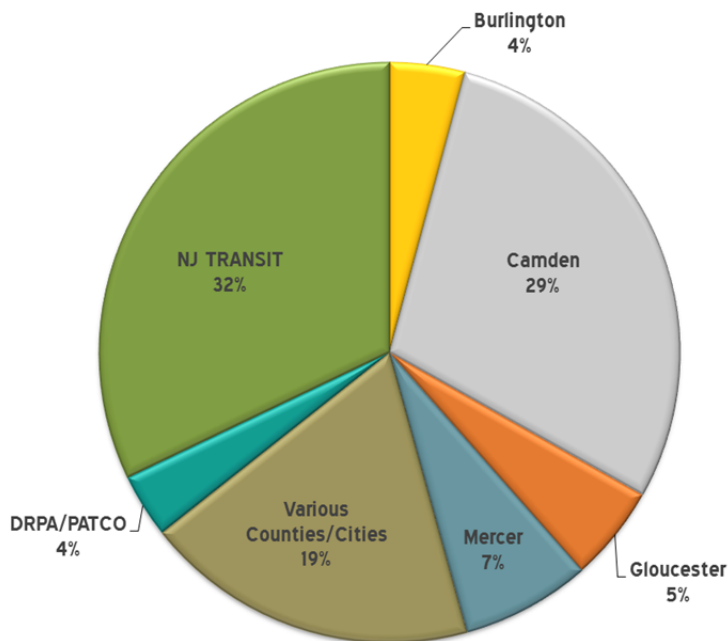
TABLE 1: COST SUMMARY BY COUNTY AND TRANSIT OPERATOR IN NEW JERSEY (\$000)

	FY2018	FY2019	FY2020	FY2021	4-YEAR TOTAL (FY2018-2021)
HIGHWAY PROGRAM					
Burlington County	34,447	23,870	9,300	17,040	84,657
Camden County	113,851	142,045	171,856	159,155	586,907
Gloucester County	24,990	43,874	4,069	35,311	108,244
Mercer County	60,821	35,211	26,057	23,411	145,500
Various Counties	86,701	102,633	88,455	99,983	377,772
TOTAL COST: 4-YEAR HIGHWAY PROGRAM (\$000)					1,303,080
TRANSIT PROGRAM					
DRPA/PATCO	17,345	17,745	18,345	18,645	72,080
NJ TRANSIT	183,127	182,102	141,076	139,873	650,718
TOTAL COST: 4-YEAR TRANSIT PROGRAM (\$000)					722,258
GRAND TOTAL COST: 4-YEAR HIGHWAY AND TRANSIT PROGRAMS (\$000)					2,025,338

SOURCE: DVRPC, 2017

Per the Financial Guidance Tables 6 to 9 in Appendix B of the TIP, almost \$5 billion of federal and state Highway funds (excluding “Other” non-public funds) in the first four years are distributed to all three MPOs: Delaware Valley Regional Planning Commission (DVRPC), North Jersey Transportation Planning Authority (NJTPA), and South Jersey Transportation Planning Organization (SJTPO). Of the federal and state Highway resources distributed to the MPOs, 26 percent is distributed to the DVRPC region. In addition, there is almost \$4.3 billion in the first four years of the Statewide Program that is directly administered on a statewide basis by NJDOT. Projects in the Statewide Program are managed by NJDOT and are not specific to any particular MPO region.

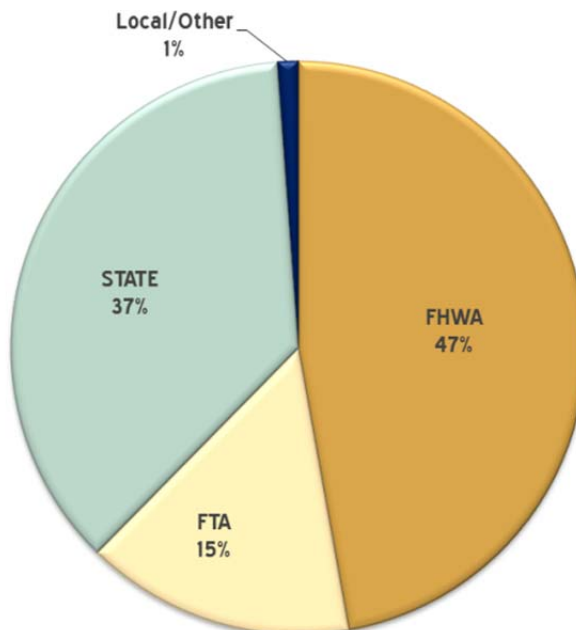
FIGURE 2: COST SUMMARY BY COUNTY AND TRANSIT OPERATOR IN NEW JERSEY



SOURCE: DVRPC. 2017

Figure 3 below summarizes the percentages of various funding sources over the First-Four Years of the TIP. Afterwards, Table 2 shows a breakdown of state and federal funding sources and costs by year and program (Highway and Transit). Funding acronyms listed in the table are defined from pages 15 to 17 in this document. Figures 4 and 5 on page 7 show the four-year totals by program and by phase.

FIGURE 3: COST SUMMARY BY FUNDING SOURCE IN NEW JERSEY



SOURCE: DVRPC. 2017

TABLE 2: COST BY TIP FUNDING CATEGORY (\$000)

PROGRAM	FUND TYPE	FY2018	FY2019	FY2020	FY2021	4-YEAR TOTAL (FY2018-2021)	FY2022-2027 (OUT YEARS)	10-YEAR TOTAL (FY2018-2027)
Highway	BRIDGE-OFF		3,820			3,820		3,820
	CMAQ	4,000	2,000	4,000	2,000	12,000	27,138	39,138
	DEMO	16,199				16,199		16,199
	HSIP	3,000	8,600	3,000	12,900	27,500	24,000	51,500
	NHFP-HWY	29,607	33,308	37,009	39,633	139,557	159,893	299,450
	NHPP	138,888	143,372	133,991	127,613	543,864	387,045	930,909
	PL	2,431	2,482	2,538	2,538	9,989	15,228	25,217
	PL-FTA	700	700	700	700	2,800	4,200	7,000
	RHC	2,800	2,800	3,000	3,000	11,600	20,400	32,000
	STATE	96,102	101,940	86,211	89,151	373,404	357,660	731,064
	18-STATE-DVRPC	15,000				15,000		15,000
	STBGP		6,900		26,000	32,900	41,641	74,541
	STBGP -STU	10,665	35,311	27,888	29,965	103,829	184,713	288,542
	TAP	1,400	1,400	1,400	1,400	5,600	8,400	14,000
	OTHER	5,018				5,018		5,018
	Highway Subtotal	325,810	342,633	299,737	334,900	1,303,080	1,230,318	2,533,398
DRPA/ PATCO	DRPA	3,469	3,549	3,669	3,729	14,416	8,654	23,070
	SECT 5307	4,756	4,916	4,996	5,136	19,804	8,936	28,740
	SECT 5337	8,840	9,000	9,400	9,500	36,740	24,000	60,740
	SECT 5340	280	280	280	280	1,120	1,680	2,800
		DRPA/PATCO Subtotal	17,345	17,745	18,345	18,645	72,080	43,270
NJ TRANSIT	CASINO REVENUE	4,030	4,030	4,030	4,030	16,120	24,182	40,302
	CMAQ	2,930	4,395	4,395	4,395	16,115	26,370	42,485
	MATCH	437	437	437	437	1,748	2,622	4,370
	OPERATING	1,219	1,219	1,219	1,219	4,876	7,314	12,190
	SECT 5307	35,584	40,067	41,324	40,010	156,985	269,017	426,002
	SECT 5310	1,656	1,656	1,656	1,656	6,624	9,936	16,560
	SECT 531I	966	966	966	966	3,864	5,796	9,660
	SECT 5337	11,624	11,368	12,118	12,118	47,228	79,762	126,990
	SECT 5339	551	624	700	3,603	5,478	21,619	27,097
	STATE	112,037	116,274	74,001	71,209	373,521	536,712	910,233
	STBGP -STU	15				15		15
	STBGP -TE			230	230	460	1,380	1,840
	OTHER	1,093	1,066			2,159		2,159
	NJ TRANSIT Subtotal	187,127	182,102	141,076	139,873	650,178	984,710	1,634,888
DVRPC NJ Region Total		530,282	542,480	459,158	493,418	2,025,338	2,258,298	4,283,636

SOURCE: DVRPC, 2017

FIGURE 4: FOUR-YEAR DVRPC REGIONAL HIGHWAY PROGRAM COST BY PHASE

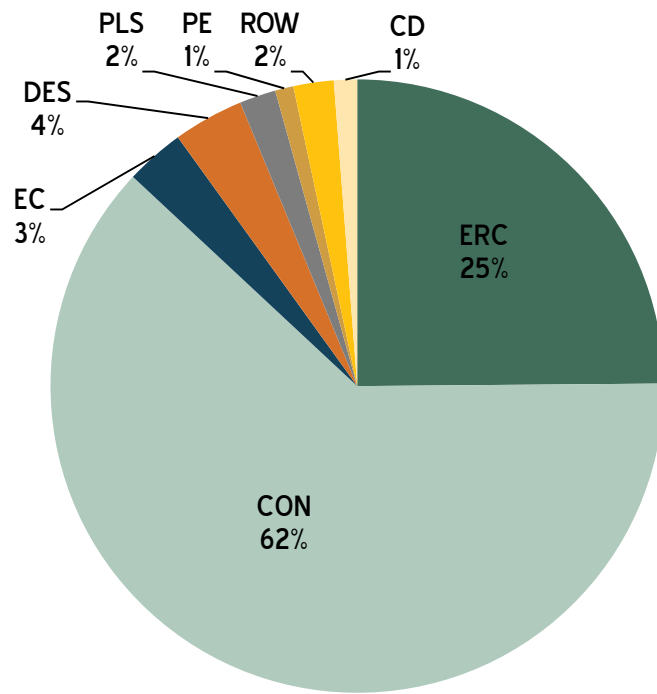
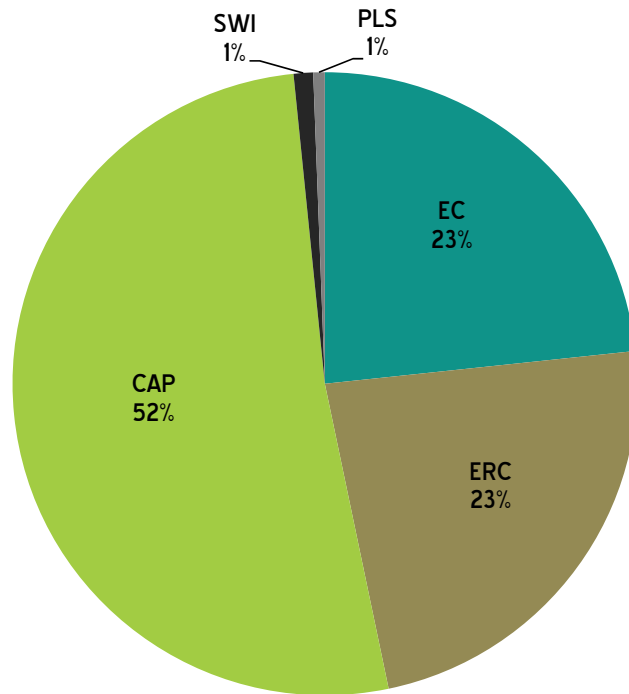


FIGURE 5: FOUR-YEAR DVRPC REGIONAL TRANSIT PROGRAM COST BY PHASE



SOURCE: DVRPC. 2017

[3] MAPPING APPLICATION, LISTINGS, AND TIP STATUS CODES OVERVIEW

Mapping Application and Geographic Information Systems

This is the first time that the TIP for New Jersey does not contain printed static maps in the document. Due to the dynamic, changing nature of the TIP, the maps are out of date by the time the final version of the TIP is printed and distributed. For this reason, DVRPC recommends using the TIP Web Map Search Tool found at www.dvrpc.org/TIP as the primary mapping function to show the location of mappable projects for highway and transit projects.

Different project types, such as intersection improvements, bridge replacements, or new transit facilities, are shown by using various colors and symbols in the TIP Web Map Search Tool. Certain types of projects, such as roadway landscaping, lease payments for the use of railroad tracks, reserve line items, or preliminary studies, are not mapped. These projects are listed in a drop-down list under the heading “TIP Projects Not Mapped” and are listed on the map by their unique project identification number, DB #, under the same heading.

The TIP Web Map Search Tool has been enhanced to include more robust data sets, besides TIP projects, that include overlays such as, Planning Centers, Freight Centers, CMP Corridors, and Indicators of Potential Disadvantage (IPD), as well as a “search by address or location” function. To go along with the more robust TIP Web Map Search Tool, DVRPC has made TIP Geographic Information Systems (GIS) data available as well. GIS is an important planning tool that supports state, regional, county, and local planning and technical efforts. Nearly all planning activities incorporate GIS technology, whether it is for data collection and storage, or for analysis and presentation. GIS allows planners to view and query spatial data; perform advanced analysis to discover relationships, patterns, and trends; and effectively present information to decision-makers and the public.

Downloadable GIS point and line location features for TIP projects in the Draft TIP, as well as current adopted Pennsylvania and New Jersey TIPs, and projects with formal TIP Actions that the DVRPC RTC and Board vote on, are available via the Transportation section of DVRPC’s GIS Data webpage, www.dvrpc.org/Mapping/Data. This webpage also contains links to DVRPC’s *GIS Portal*, interactive maps, and a map gallery, in addition to other data resources. The *GIS Portal* contains boundaries, demographic, planning, and transportation data which is helpful for obtaining data that provides context for the TIP.

DVRPC Regional Highway and Transit Programs

Tables 3 and 4 display various project listings in the DVRPC regional Highway and Transit Programs for New Jersey. The project listings are listed by DB # and grouped by county and transit operator. Note that all projects within the formal first four years of the TIP period (FY2018–2021) would be considered funded and able to be federally authorized for funding. By federal regulation, the TIP is the four-year constrained program for which revenues are reasonably expected to be available. However, the state and region developed a 10-year constrained programming horizon for highway and transit projects in order to provide more realistic

expectations and timeframes in which to expect advancement of TIP projects with more realistic costs. To view more information about a project, visit www.dvrpc.org/TIP, or use the TIP Web Map Search Tool.

NJDOT Statewide Program

Following the lists of DVRPC region highway and transit projects in this document is Table 5 for highway projects in the NJDOT Statewide Program. These Statewide projects are primarily highway programs managed by NJDOT on a statewide basis that are not specific to any particular MPO region or that provide direct support to NJDOT.

TIP Project Status Codes

In this document, projects in the DVRPC FY2018 TIP for New Jersey that were not part of the previous FY2016 TIP for New Jersey are highlighted with a superscript "status code" to help establish the origin of the projects. In Tables 3, 4, and 5, the codes are displayed as superscripts next to project DB #s and titles, as well as highlighted in gray. Status codes are also listed in the full TIP document's project listings (publication #18001A).

Projects determined as "new" projects in the TIP are denoted with a status code of NEW, NEW-B, NEW-G, NEW-LG, NEW&SD, or NEW-CD.

- **NEW** projects are programmed in the TIP for the absolute first time;
- **NEW-B** projects are new "break-out" projects that have been "broken out of," or derived from, an existing TIP project;
- **NEW-G** projects have "graduated" from the Study and Development Program and are advancing into the TIP for Design to Construction phases; and similarly,
- **NEW-LG** projects are locally sponsored projects that have "graduated" from DVRPC's Local Concept Development Program to advance into the TIP's Local Program;
- **NEW&SD** is denoted for projects that are included, for the first time, in both the TIP's Highway Program and Study and Development Program; and
- **NEW-CD** projects are those that are programmed for Concept Development in the TIP's Highway or NJDOT Statewide Program for the first time.

A project denoted with a **SD** status indicates that it is not a new project but is in the TIP Highway or NJDOT Statewide Program, and Study and Development Program. Finally, projects indicated as **RETURN** have previously been programmed in a prior year TIP, but through a variety of circumstances, have returned to be programmed in the DVRPC FY2018 TIP for New Jersey.

ROADMAP FOR TIP PROJECT LISTING

Figure 6 exemplifies a standard TIP report for a sample project to guide you when reviewing a project in the TIP. The "roadmap" provides explanations about various information items that are associated with a project.

DVRPC FY2018 TIP PROJECTS FOR NEW JERSEY

TABLE 3: HIGHWAY PROJECT LISTING BY DB #

DB #	PROJECT TITLE	DB #	PROJECT TITLE
BURLINGTON COUNTY			
10307	Route 70, East of North Branch Road to CR 539	15324 ^{NEW-G}	Washington Turnpike, Bridge over West Branch of Wading River
12307	Route 38, South Church Street (CR 607) to Fellowship Road (CR 673), Operational and Safety Improvements	15353 ^{SD}	Route 38 and Lenola Road (CR 608)
12346	Route 130/206, CR 528 (Crosswicks Rd) to Rt 206 at Amboy Rd	191A ^{RETURN}	Route 295/38, Missing Moves, Mount Laurel
12346A	Route 130, CR 545 (Farnsworth Avenue)	9212C	Route 206, Monmouth Road/Juliustown Road Intersection Improvements (CR 537)
12380 ^{SD}	Route 73, Church Road (CR 616) and Fellowship Road (CR 673) Intersections	D0302	Burlington County Roadway Safety Improvements
12415	Route 130, Charleston Road/Cooper Street (CR 630) to Crafts Creek	D1804 ^{NEW}	CR 537, CR 628, and CR 660 Guiderail Installation
13319 ^{SD}	Route 73, CR 544 (Evesham Rd/Marlton Parkway)	D9902	Hanover Street Bridge over Rancocas Creek, CR 616
15321	Route 70, Bridge over Mount Misery Brook	D9903	Smithville Road Bridge over Rancocas Creek, CR 684
CAMDEN COUNTY			
10341	Route 168, Merchant Street to Ferry Avenue, Pavement	16342 ^{SD}	Route 73 and Ramp G, Bridge over Route 130
11326	Route 76/676 Bridge Deck Replacements	17417 ^{NEW-CD}	Route 30 Camden Feeder Road Study
11326A	Route 76, Bridges over Route 130	17418 ^{NEW-CD}	Route 70 Camden Feeder Road Study
11338	Route 70, Route 38 to Cropwell Road	355A	Route 295/42, Missing Moves, Bellmawr
11416	Route 30, Atco Avenue to Route 206	355D	Route 295/42/I-76, Direct Connection, Contract 3
12313	Route 42, Bridges over Blackwood Railroad Trail	355E	Route 295/42/I-76, Direct Connection, Contract 4
12418	Route 73, CR 721 to NJ Transit Bridge	D0410	Camden County Roadway Safety Improvements
14426 ^{NEW-G}	Route 130, Bridge over Big Timber Creek	D0601	Camden County Bus Purchase
15396 ^{NEW-G}	Route 168, Route 42 to CR 544 (Evesham Road)	D1707 ^{NEW}	Cooper Street Pedestrian Access Project (TIGER)
15422 ^{NEW-G}	ADA South, Contract 3	D1708 ^{NEW}	Cooper's Poynt Roads Reconstruction Project (TIGER)
15423 ^{NEW-G}	ADA South, Contract 4	D1709 ^{NEW-LG}	Kaighn Avenue (CR 607), Bridge over Cooper River (Roadway Improvements)
16319 ^{SD}	Route 30, Gibbsboro Road (CR 686)	D1715 ^{NEW-CD}	Route 70 Gateway/Airport Circle
16340 ^{NEW&SD}	Route 130, Bridge over Main Branch of Newton Creek		
GLOUCESTER COUNTY			
07369	Route 322, Corridor Congestion Relief Project	12306	Route 42, Ardmore Ave to Camden County Line, Pavement
11371	Route 47, Bridge over Big Timber Creek	12383	Route 40, CR 555 Intersection, Operational & Safety
11414	Route 130, Plant Street to High Hill Road (CR 662)	12413	Route 40, Elmer Lake to Elmwood Avenue

DVRPC FY2018 TIP PROJECTS FOR NEW JERSEY

TABLE 3: HIGHWAY PROJECT LISTING BY DB # (CONTINUED)

DB #	PROJECT TITLE	DB #	PROJECT TITLE
GLOUCESTER COUNTY (CONTINUED)			
12305	Route 47, Grove St. to Route 130, Pavement	12417	Route 322, Rt 295 to Tomlin Station Rd (CR 607)
14328	Route 322 Business, Bridge over Raccoon Creek	D1203	Gloucester County Multi-Purpose Trail Extension - Glassboro Elk Trail
14348	Route 45, Bridge over Woodbury Creek	D1716 NEW-CD	Route 322, CR 551 (Kings Highway)
15302 ^{SD}	Route 41 and Deptford Center Road	D1717 NEW-CD	Route 45, Harrison Avenue/Mt Royal Road (CR 678), and Route 45, Berkley Road (CR 632)
15310	Route 47, Bridge over Route 295	D1718 NEW-CD	Route 322, Fries Mill Road (CR 655)
17506 NEW-CD	Rowan University US Route 322 Bypass Study	D1719 NEW-CD	Center Square Rd (CR 620), Rt 295 Overpass
17507 NEW-CD	Rowan University US Route 322 Campus Downtown Intersection	D1805 ^{NEW}	CR610 (Clayton-Williamstown Road), Scotland Run Avenue to CR 555 (Tuckahoe Road)
97112B	Route 322, Kings Highway (CR 551)	D9807	Gloucester County Bus Purchase
D0401	Gloucester County Roadway Safety Improvements		
MERCER COUNTY			
01330A	Route 1, Southbound, Nassau Park Boulevard to Quaker Bridge Mall Overpass	16336 ^{SD}	Route 1B, Bridge over Five Mile Run
07319B	Route 29, Cass Street to Calhoun Street, Drainage	17419 ^{NEW}	Route 1, Alexander Road to Mapleton Road
11309	Route 130, Westfield Ave. to Main Street	99334	Duck Island Landfill, Site Remediation
12369 ^{SD}	Route 31, Ewingville Road (CR 636)	99362	Trenton Amtrak Bridges
12401	Route 31, Bull Run Road to Branch of Stoney Brook	D0412	Mercer County Roadway Safety Improvements
12412	Route 95M, Route 175 to Railroad Bridge	D0701	Princeton-Hightstown Road Improvements, CR 571
14377	Route 195 WB, Route 295 to CR 524/539 (Old York Road)	D1011 ^{RETURN}	Mercer County Bus Purchase
14378	Route 295, Route 195/29 to Route 1	D1703	Princeton Township Bike Share Expansion
15374 NEW-G	Route 33, Cleveland Avenue to Paxon Avenue	D1710 ^{NEW-LG}	Lincoln Ave/Chambers Street (CR 626), Bridge over Amtrak & Assunpink Creek
15431 ^{SD}	Route 295 NB, Exit Ramp to Route 195 EB	L064	Route 206, South Broad Street Bridge over Assunpink Creek
VARIOUS COUNTIES			
01300	Transportation Systems Management and Operations (TSMO)	D0406	Ozone Action Program in New Jersey
03304	Bridge Deck/Superstructure Replacement Program	D0407	New Jersey Pavement Management System
04314	Local Safety/ High Risk Rural Roads Program	D1503	New Jersey Regional Signal Retiming Initiative
06326	Local Concept Development Support	D1601 ^{NEW}	Regional Sidewalk Inventory and Online Walkability Engagement Platform
10347	Local Aid Consultant Services	D1706	Local CMAQ Initiatives
11383	Transportation Management Associations	X065	Transportation Alternatives Program
99327A	Resurfacing, Federal	X107	Metropolitan Planning
D0204	Transportation and Community Development Initiative (TCDI) DVRPC	X30A	Rail-Highway Grade Crossing Program, Federal
D026	DVRPC, Future Projects	X35A1	Local County Aid, DVRPC
X41C1	RideECO Mass Marketing Efforts--New Jersey	X98C1	Local Municipal Aid, DVRPC

DVRPC FY2018 TIP PROJECTS FOR NEW JERSEY

TABLE 4: TRANSIT PROJECT LISTING BY DB #

DB #	PROJECT TITLE	DB #	PROJECT TITLE
NJ TRANSIT			
T05	Bridge and Tunnel Rehabilitation	T95	Light Rail Infrastructure Improvements
T06	Bus Passenger Facilities/Park and Ride	T106^{NEW}	Private Carrier Equipment Program
T08	Bus Support Facilities and Equipment	T111	Bus Acquisition Program
T09	Bus Vehicle and Facility Maintenance/Capital Maintenance	T112	Rail Rolling Stock Procurement
T13	Claims support	T120	Small/Special Services Program
T16	Environmental Compliance	T121	Physical Plant
T20	Immediate Action Program	T122	Miscellaneous
T34	Rail Capital Maintenance	T135	Preventive Maintenance-Bus
T37	Rail Support Facilities and Equipment	T143^{NEW}	ADA--Platforms/Stations
T39	Preventive Maintenance-Rail	T150	Section 5310 Program
T42	Track Program	T151	Section 5311 Program
T43^{NEW}	High Speed Track Program	T199	Job Access and Reverse Commute Program
T44	NEC Improvements	T210	Transit Enhancements/Transp Altern Prog (TAP)/Altern Transit Improv (ATI)
T50	Signals and Communications/Electric Traction Systems	T300	Transit Rail Initiatives
T53E	Locomotive Overhaul	T302^{NEW}	Camden-Glassboro Light Rail Line
T53G	Rail Fleet Overhaul	T303^{NEW}	Walter Rand Transportation Center
T55	Other Rail Station/Terminal Improvements	T500	Technology Improvements
T68	Capital Program Implementation	T508	Security Improvements
T88	Study and Development	T509^{NEW}	Safety Improvement Program
T93^{NEW}	Bus Maintenance Facilities	T515	Casino Revenue Fund
DRPA/PATCO			
DR008	Electrical Cable Replacement	DR046	DRPA - Rebuild PATCO Cars
DR015	Embankment, Fence, and Retaining Wall Restoration/Rehabilitation	D0906	Install Elevators, PATCO
DR019	Smoke and Fire Control	DR1501	PATCO Interlocking & Track Rehabilitation
DR034	Preventive Maintenance	DR1801^{NEW}	Reopening of Franklin Square
DR036	Transit Enhancements	DR1802^{NEW}	Subway Structures Renovation
DR038	Relocation of Center Tower/SCADA Modernization	DR1803^{NEW}	Woodcrest Station Platform Rehabilitation
DR044	Lindenwold Yard Tie Renewal, Lindenwold Viaduct, and Overall Improvements		

DVRPC FY2018 TIP PROJECTS FOR NEW JERSEY

TABLE 5: NJDOT STATEWIDE PROJECT LISTING BY DB

DB #	PROJECT TITLE	DB #	PROJECT TITLE
NJDOT STATEWIDE			
00377	Ferry Program	11344	ADA Curb Ramp Implementation
01309	Maritime Transportation System	13303	Active Traffic Management System (ATMS)
01316	Transit Village Program	13304	Intelligent Transportation System Resource Center
01335	Betterments, Dams	13305	Job Order Contracting Infrastructure Repairs, Statewide
02378	Congestion Relief, Operational Improvements (Fast Move Program)	13306	Mobility and Systems Engineering Program
02379	Congestion Relief, Intelligent Transportation System Improvements (Smart Move Program)	13307	Salt Storage Facilities - Statewide
03304	Bridge Deck/Superstructure Replacement Program	13308	Statewide Traffic Operations and Support Program
03309	Environmental Project Support	13323	Bridge Preventive Maintenance
04311	Asbestos Surveys and Abatements	14300	Title VI and Nondiscrimination Supporting Activities
04324	Electrical Load Center Replacement, Statewide	14404	Bridge Maintenance and Repair, Movable Bridges
05304	Construction Program IT System (TRNS.PORT)	15322 ^{SD}	Delaware & Raritan Canal Bridges ^{SD}
05339	Right of Way Database/Document Management System	15343	Intelligent Traffic Signal Systems
05340	Right of Way Full-Service Consultant Term Agreements	15344	Utility Pole Mitigation
05341	Project Management & Reporting System (PMRS)	15807	Segment Improvement Program
05342	Design, Geotechnical Engineering Tasks	16322^{NEW}	ADA South, Contract 5
06327	Local Aid Grant Management System	17337^{NEW}	Project Management Improvement Initiative Support
06401	Pedestrian Safety Improvement Program	17341^{NEW}	Minor Bridge Inspection Program
06402	Safe Streets to Transit Program	17353^{NEW}	Storm Water Asset Management
07332	Minority and Women Workforce Training Set Aside	17357^{NEW}	Bridge Maintenance Fender Replacement
08381	Bridge Replacement, Future Projects	17358^{NEW}	Bridge Maintenance Scour Countermeasures
08387	Local Bridges, Future Needs	17360^{NEW}	Emergency Management and Transportation Security Support
08415	Airport Improvement Program	17390^{NEW}	Local Freight Impact Fund
09316	Culvert Replacement Program	98315	Bridge Emergency Repair
09388	Highway Safety Improvement Program Planning	98316	Bridge Scour Countermeasures
10344	Project Development: Concept Development and Preliminary Engineering	98319	Capital Contract Payment Audits

DVRPC FY2018 TIP PROJECTS FOR NEW JERSEY

TABLE 5: NJDOT STATEWIDE PROJECT LISTING BY DB # (CONTINUED)

DB #	PROJECT TITLE	DB #	PROJECT TITLE
NJDOT STATEWIDE (CONTINUED)			
98333	Intersection Improvement Program (Project Implementation)	X154	Drainage Rehabilitation and Maintenance, State
99327A	Resurfacing, Federal	X154D	Drainage Rehabilitation & Improvements
99358	Safe Routes to School Program	X15A	Equipment, Snow and Ice Removal
99372	Orphan Bridge Reconstruction	X160	Solid and Hazardous Waste Cleanup, Reduction and Disposal
99409	Recreational Trails Program	X180	Construction Inspection
X03A	Restriping Program & Line Reflectivity Management System	X182	Utility Reconnaissance and Relocation
X03E	Resurfacing Program	X185	Bicycle & Pedestrian Facilities/Accommodations
X07A	Bridge Inspection	X186	Local Aid, Infrastructure Fund
X10	Program Implementation Costs, NJDOT	X196	Maintenance & Fleet Management System
X106	Design, Emerging Projects	X197	Disadvantaged Business Enterprise
X107	Transportation Alternatives Program	X199	Youth Employment and TRAC Programs
X11	Unanticipated Design, Right of Way and Construction Expenses, State	X200C	New Jersey Scenic Byways Program
X12	Acquisition of Right of Way	X233	Motor Vehicle Crash Record Processing
X126	Transportation Research Technology	X239	Sign Structure Inspection Program
X135	Pre-Apprenticeship Training Program for Minorities and Women	X239A	Sign Structure Rehabilitation/Replacement Program
X137	Legal Costs for Right of Way Condemnation	X241	Electrical Facilities
X140	Planning and Research, State	X242	Crash Reduction Program
X142	DBE Supportive Services Program	X244	Training and Employee Development
X144	Regional Action Program	X28B	Park and Ride/Transportation Demand Management Program
X15	Equipment (Vehicles, Construction, Safety)	X29	Physical Plant
X150	State Police Enforcement and Safety Services	X30	Planning and Research, Federal-Aid
X151	Interstate Service Facilities	X34	New Jersey Rail Freight Assistance Program
X152	Rockfall Mitigation	X34A	National Highway Freight Program

DVRPC FY2018 TIP PROJECTS FOR NEW JERSEY

TABLE 5: NJDOT STATEWIDE PROJECT LISTING BY DB # (CONTINUED)

DB #	PROJECT TITLE	DB #	PROJECT TITLE
NJDOT STATEWIDE (CONTINUED)			
X35A	Rail-Highway Grade Crossing Program, State	X70	Bridge Management System
X39	Signs Program, Statewide	X72B	Betterments, Roadway Preservation
X43	Transportation Demand Management Program Support	X72C	Betterments, Safety
X47	Traffic Signal Replacement	X75	Environmental Investigations
X51	Pavement Preservation	X98Z	Local Municipal Aid, Urban Aid
X66	Traffic Monitoring Systems		

SOURCE: DVRPC. 2017

FUNDING ACRONYMS, PER TABLE 2 OF THIS DOCUMENT

Federal Highway Resources

BRIDGE-OFF (Federal Bridge Program): Provided funding for the rehabilitation or replacement of bridges that are off the federal-aid system and are defined as structurally deficient and/or functionally obsolete. This program was merged into the Surface Transportation Program (STP) in MAP-21.

CMAQ (Congestion Mitigation and Air Quality Improvement Program): Provides funding for projects that improve air quality and/or relieve congestion without adding new highway capacity, and in MAP-21, include demand-shifting projects or programs such as telecommuting or establishing electric vehicle charging stations or natural gas vehicle refueling stations.

DEMO (Demonstration Funds): Special federal funding from congressional earmarks provided under ISTEA, TEA-21, and SAFETEA-LU. Project earmarks were discontinued in MAP-21. Funding also includes TIGER (Transportation Investment Generating Economic Recovery)/CTDG (Competitive TIGER Discretionary Grants).

HSIP (Highway Safety Improvement Program): Provides funding for projects or strategies included in the state's strategic highway safety plan that correct or improve a hazardous road location or feature or addresses a highway safety problem. Truck parking was eligible for the first time under MAP-21.

NHFP-HWY, NHFP-RAIL (National Highway Freight Program): Funding for this program provides for the efficient movement of freight on the National Highway Freight Network (NHFN) and supports the freight investment plan in the State's freight plan. The NHFN consists of four components: Primary Highway Freight System (PHFS), Critical Rural Freight Corridors, Critical Urban Freight Corridors, and portions of the Interstate Highway System that are not part of the PHFS.

NHPP (National Highway Performance Program): Provides funding used to support the condition and performance of the NHS, and to construct new facilities on the NHS that support national performance goals. Three programs from the previous authorization, SAFETEA-LU, were merged into NHPP under MAP-21:

BRIDGE and BRIDGE-OFF, I-MAINT, and the NHS. Eligible activities broadly vary from workforce development and training to construction of bridges, tunnels, highways, and bicycle and pedestrian facilities to ITS capital improvements, for example.PL

PL/PL-FTA (Metropolitan Planning Funds by FHWA/FTA): Provides funding for the federally mandated transportation planning process conducted within each MPO.

RHC (Rail Highway Grade Crossing): Provides funding for safety improvement projects to reduce the number and severity of crashes at public highway-rail grade crossings under the Highway Safety Improvement Program (HSIP).

STP/STP-STU/STBG (Surface Transportation Block Grant Program): Federal flexible funding that may be used on any federal aid highway, bridge project, public road, transit capital project, and intracity and intercity bus terminals and facilities. It was previously known as STP. **STBGP -STU** is the urbanized allocation of STBGP funds to areas with population greater than 200,000, such as the DVRPC New Jersey region. **STBGP-TE (Transportation Enhancement)** provides funding for pedestrian and bicycle infrastructure and safety programs, scenic and historic highway programs, landscaping and scenic beautification, historic preservation, environmental mitigation, rehabilitation of historic facilities related to transportation, renovated streetscapes, rail-trails and other transportation trails, transportation museums, and scenic and historic highway program visitor centers. TE was incorporated into TAP in MAP-21.

TAP (Surface Transportation Block Grant Programs Set-A-Side): This program is formally known as Transportation Alternatives. Fifty percent of the funds allocated to each state are based on populations greater than 200,000. A competitive process for selection of projects must take place. The other 50 percent of funds are available to any area of the state and are held in a statewide reserve that requires a statewide competitive process for selection of projects. The fund code is designated as TAP.

Non-Federal Highway Resources

LOCAL/MATCH: Funding provided by counties, municipalities, or other non-federal sources to be used to match state or federal funds.

OTHER: From a source other than federal or state transportation funds.

STATE or TTF (State Transportation Trust Fund): Provides funding from the New Jersey Transportation Trust Fund (TTF).

18-STATE-DVRPC is used by DVRPC to indicate State (TTF) funding appropriated in State Fiscal Year 2018 (SFY) and exchanged between DVRPC and NJ TRANSIT, as a result of the Five-Year Period Program Exchange among New Jersey MPOs and NJ TRANSIT, per Appendix E of the full TIP document, for the DVRPC Local Program.

Transit Federal Resources

CMAQ (Congestion Mitigation and Air Quality Improvement Program): see page 15.

SEC 5307 (FTA Urbanized Area Formula Grants Program): Provides funding to a census-designated urbanized area of 50,000 people or more for the planning, engineering, design and evaluation of transit projects and technical transportation-related studies; capital investments in bus and bus-related activities, such as replacement of buses, overhaul of buses, rebuilding of buses, crime prevention and security equipment and construction of maintenance and passenger facilities; and capital investments in new and existing fixed guideway systems including rolling stock, overhaul and rebuilding of vehicles, track, signals, communications, and computer hardware and software.

SEC 5310 (FTA Enhanced Mobility of Seniors and Individuals with Disabilities Program): Provides funding for transportation services planned, designed, and implemented to support special transportation needs of seniors and individuals with disabilities in all areas.

SEC 5311 (FTA Non-Urbanized Rural Area Formula Program): Provides funding for rural public transportation programs and training and technical assistance to states and federally recognized Indian tribes with population fewer than 50,000 according to the census.

SEC 5337 (FTA State of Good Repair Program): Provides funding for capital asset maintenance, rehabilitation, and replacement, as well as projects that implement transit asset management plans.

SEC 5339 (FTA Bus and Bus Facilities Program): Provides funding for capital projects that will replace, rehabilitate, and purchase buses, vans, and related equipment, and to construct bus-related facilities. This program also replaces the expired Alternative Analysis Program.

SEC 5340 (FTA States/High Density States Programs): Provides additional apportionment of funding to the Urbanized Area Formula and Rural Area Formula programs in MAP-21, as in authorizations prior to MAP-21.

STBGP-STU is the urbanized allocation of STBGP funds to areas with population greater than 200,000, such as the DVRPC New Jersey region. Also see page 16.

STBGP-TE: see page 16.

Non-Federal Transit Resources

CASINO REVENUE: Provides state transit funding from the annual allocation of the Casino Tax Fund appropriated for transportation services for senior and disabled persons.

DRPA: funds provided by the Delaware River Port Authority (DRPA).

LOCAL/MATCH: see page 16.

OPERATING: These are fare box revenue funds for transit.

OTHER: see page 16.

STATE or TTF (State Transportation Trust Fund): see page 16.

FIGURE 6: ROADMAP FOR TIP PROJECT LISTING

(BELOW IS AN EXAMPLE OF A PROJECT LISTING. IT IS NOT A REAL TIP PROJECT.)

State Department of Transportation (NJDOT) ID

County where project is located

DVRPC FY2018-2021 TIP for NJ

New Jersey Highway Program

Something County

Final Version

DB# D12345 **Somewhere Road and Fake Blvd Intersection Improvements** MRPID: 099 **NEW**

AQCODE: 2025M The purpose of this project is to reconfigure the intersection layout of Somewhere Road and Fake Blvd, in order to improve congestion, improve safety, and ensure ADA compliance throughout the intersection. In addition the existing Somewhere Road Bridge will be replaced and widened; and deficiencies in sidewalk, curbs and curb ramps will be addressed. The existing shoulders and auxiliary lanes will be brought into compliance with modern standards.

CMP: Minor SOV Capacity Adding Subcorre(s): 2B

Municipalities: Mister Rogers Borough DVRPC Planning Center: Neighborhood Center

CIS Program Subcategory: Congestion Relief CIS Program Category: Congestion Relief

Project Manager: French, Pierre **Project Manager assigned by NJDOT** Indicators of Potential Disadvantage: 3

Mileposts: 7.53-7.59 Sponsor: Something County

Improvement Type: Intersection/Interchange Improvements Local Project: Y Mapped: Y
This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ROW	NHPP		3.000									
DES	NHPP	2.500										
CON	NHPP			10.500								
Fiscal Year Total		2.500	3.000	10.500								
		Total FY2018-2021: 16.000				Total Later FY2022-2027:						

Fund type for each phase; start on page 46 for explanations. Note that "*" following a fund type indicates conversion funds for advanced construction phases

Anticipated project phase; start on page 45 for explanations of all project phases

NJDOT CIS/Asset program subcategory

Congestion Management Process (CMP) codes; see page 44 for explanation

Air Quality Code: start on page 40 for explanation

Note: Funds are in \$ Millions.

"Y" indicates the project is in DVRPC's Local Program. See Appendix E for further details

"Y" indicates the project is mapped and displayed on the TIP web map application. "N" indicates the project is not mapped.

Sponsor of project identifies and defines the project, and oversees the project's management

Highest Indicator of Potential Disadvantage (IPD) for Environmental Justice (EJ); see pages 32 and 44 for explanation

NJDOT Capital Investment Strategy (CIS) or Asset notations demonstrate one of nine NJDOT investment categories

Community types that correspond to long range planning policies; see page 43 for discussion

"New" indicates that this project is programmed in the TIP for the first time; see page 41 for more project status codes and their explanations.

[4] LEARN MORE. SHARE YOUR IDEAS!

Although the public comment period has closed, DVRPC still encourages the public to provide comments about the TIP and specific projects to state, county, transit, and DVRPC staff through its ongoing public participation process. Please direct all questions and comments to public_affairs@dvrpc.org, or call (215) 592-1800.

The public comment period for the Draft DVRPC FY2018 TIP for New Jersey opened on August 14, 2017 and closed on September 14, 2017, at 5:00 PM (EST).


View comments submitted during this period for the draft TIP and their responses online at: www.dvrpc.org/TIP

During the public comment period, comments were submitted in writing by e-mail to tip@dvrpc.org, or faxed to “TIP Comments” at (215) 592-9125, or mailed to: DVRPC Office of Communications and Engagement, 190 N. Independence Mall West, 8th Floor, Philadelphia, PA 19106. Submitted comments are included as part of the formal public record and in the TIP Addendum (DVRPC publication #18001B). In addition, a public meeting and information session was held on:

WEDNESDAY. SEPTEMBER 6. 2017
6:00 PM - 8:00 PM
COLLINGSWOOD SENIOR COMMUNITY CENTER
30 WEST COLLINGS AVENUE
COLLINGSWOOD, NJ 08108


While not required, those interested in joining the meeting were encouraged to RSVP by contacting 215-592-1800 or public_affairs@dvrpc.org. The meeting was conducted jointly with the NJDOT and served as an opportunity for the public to comment on the Draft FY2018–2027 Statewide TIP (STIP) that was available at www.state.nj.us/transportation/capital/. Copies of the Draft DVRPC FY2018 TIP for New Jersey were available for review on the DVRPC website at www.dvrpc.org/TIP, in print at the DVRPC Resource Center, and public libraries, such as:

Burlington County Library


 (609) 267-9660

Burlington County Library–

Bordentown Branch


 (609) 298-0622

Moorestown Library

 (856) 234-0333

Camden County Library –


M. Allan Vogelson Regional Branch

 (856) 772-1636

Camden County Library -


Gloucester Twp.-Blackwood

Rotary Branch


 (609) 298-0622

Camden County Library -


Rutgers-Camden Branch

 (609) 225-6807


Cherry Hill Free Public Library

 (856) 667-0300


Haddonfield Public Library

 (856) 429-1309


Gloucester County Library System

 (856) 223-6000

Monroe Township Public Library


 (856) 629-1212

Woodbury Public Library


 (856) 845-2611

Mercer County Library–

Lawrence Branch


 (609) 989-6915

Trenton Public Library


 (609) 392-7188

**Library for the Blind &
Physically Handicapped**

of Philadelphia

 (215) 686-3213

Free Library of Philadelphia

 (215) 686-5322

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Publication Title:

Highlights for the DVRPC FY2018 Transportation Improvement Program (TIP) for New Jersey (FY2018–2021)

Publication Number:

18001C

Date Published:

November 2017

Geographic Area Covered:

DVRPC New Jersey Region
(Burlington, Camden, Gloucester, and Mercer counties)

Key Words:

Air Quality, Bike and Pedestrian, Bridges, CMP, Conformity, Congestion Mitigation and Air Quality, Congestion Mitigation Process, DRPA/PATCO, Environmental Justice, FAST Act, FASTLANE, Federally Funded Projects, Federal Transit Administration, FTA, Fixing America’s Surface Transportation Act, Fostering Advancements in Shipping and Transportation for the Long-term Achievement of National Efficiencies, GARVEE, Goods Movement, Highways, Highway Safety Improvement Program, HSIP, Indicators of Potential Disadvantage, IPD, Infrastructure Capital, MAP-21, Moving Ahead for Progress in the 21st Century, NHFN, National Highway Freight Network, NHFP, National Highway Freight Program, National Highway Performance Program, New Jersey Department of Transportation, NHPP, NJ TRANSIT, Public Involvement, Railway-Highway Grade Crossing, Safe Routes to School, SAFETEA-LU, Surface Transportation Program, STP, Surface Transportation Block Grant Program, STBG, TEA-21, TIP, Title VI of the 1964 Civil Rights Act, TIP, Transit, Transportation, Transportation Improvement Program, Transportation Alternatives, Transportation Equity Act for the 21st Century

Abstract:

The Highlights for the DVRPC FY2018 Transportation Improvement Program (TIP) for New Jersey briefly describes the region’s TIP as a federally required, multi-modal, four year constrained program of planned transportation infrastructure investment. It also contains a summary listing of all transit, highway, bridge, bicycle, pedestrian, and freight related projects in DVRPC’s New Jersey region which will seek federal funding in fiscal years (FY) 2018 to 2021. The Highlights document includes a financial summary of costs by county and by operator, as well as how to learn more about the DVRPC FY2018 TIP for New Jersey.

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DVORÁK'S TIP OR VISIT WWW.DVRPC.ORG/TIP.