

What Lies Ahead?

Bike & Pedestrian Projects in NJDOT's 2016 Transportation Capital Program

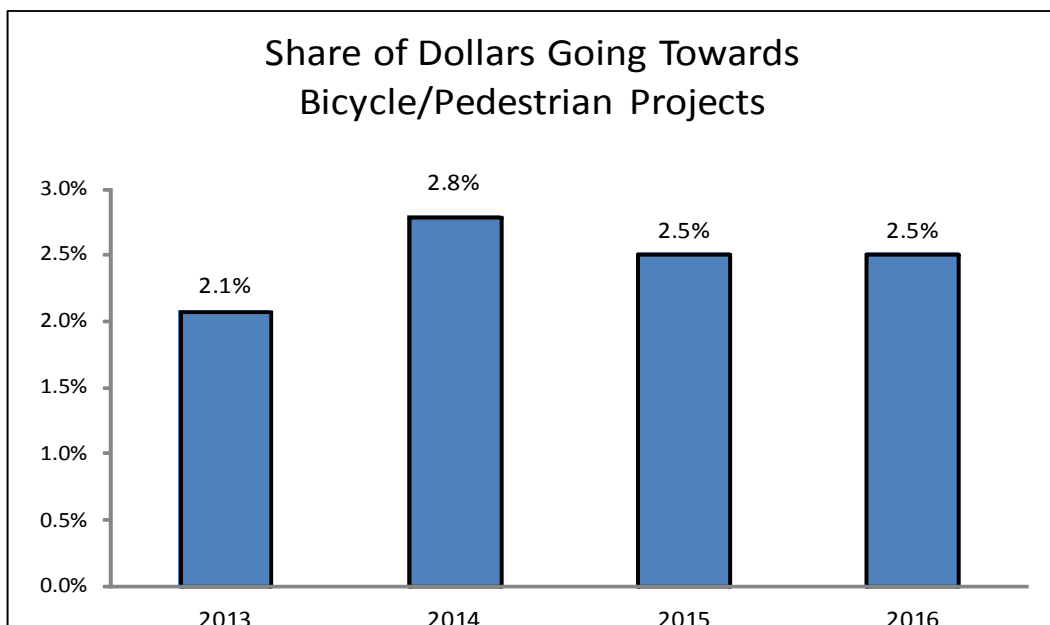


The New Jersey Department of Transportation's (NJDOT) yearly transportation capital program lays out the agency's planned investments for the state's roads, bridges, transit and all other transportation-related capital projects for one year. Examining the projects in the Program provides insight into the agency's transportation priorities.

NJDOT's 2016 transportation capital program stands at nearly \$5 billion, with more than \$48 million dollars going to support bike and pedestrian projects statewide.¹

FINDINGS

- ◇ **Funds dedicated to bike and pedestrian projects remain flat** at 2.5 percent of funds, in the 2016 capital program.
- ◇ **Road and bridge projects with bicycle/pedestrian elements increased by 150 percent** to \$112 million. About 15 percent of funding going to all the road and bridge projects in the capital program include bicycle and pedestrian elements.
- ◇ Nearly \$9 million of bicycle/pedestrian money is dedicated to municipalities in Northern New Jersey. Over \$5 million will go to projects in Southern New Jersey.²



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The Tri-State Transportation Campaign is a non-profit organization working toward a more balanced, transit-friendly and equitable transportation system in New York, New Jersey and Connecticut. www.tstc.org

RECOMMENDATIONS

- ◇ Prioritize bicycle and pedestrian projects on roadways with high pedestrian and bicycle collision rates. Fatality data from the National Highway Safety Administration for 2011-2013³ (the three most recent years available) shows that these roads are:
 - **US-130 (Burlington Pike) in Burlington County— 9 fatalities** (all pedestrians)
 - **SR-36 in Monmouth County— 6 fatalities** (all pedestrians)
 - **US-30 (White Horse Pike) in Camden County— 8 fatalities** (all pedestrians)
 - **US-322/40 (Blackhorse Pike) in Atlantic County— 6 fatalities** (5 pedestrians, 1 Cyclist)
 - **US-9 in Middlesex County— 8 fatalities** (all pedestrians)
 - **SR-37 in Ocean County— 6 fatalities** (5 pedestrians, 1 Cyclist)
 - **US-30 (White Horse Pike) in Atlantic County— 6 fatalities** (all pedestrians)
- ◇ NJDOT should establish a complete streets outreach and training schedule in 2016 for municipal agency officials and staff.
- ◇ NJDOT should prioritize funding to municipalities whose local aid applications advance complete streets.
- ◇ NJDOT should double its contribution to Transit Village from \$1 million to \$2 million in the 2017 budget.
- ◇ Measure all road and bridge projects against the 2009 Complete Streets policy to ensure that road and bridge projects incorporate bicycle and pedestrian infrastructure upfront.
- ◇ NJDOT should create an internal advisory committee to explore emerging financing structures such as value capture (using increased land value given proximity to transit to leverage transit and/or development projects).
- ◇ Increase commitment to bicycle and pedestrian projects so that they encompass at least 5 percent of the Capital Program. NJDOT should commit at least 1 percent of this money to regional trail networks such as The Circuit.
- ◇ Create a capital project dashboard to track fiscal and project progress.

Projects that protect pedestrians' and bicyclists' safety are needed and wanted:

- ⇒ Between **2011-2013, 480³ New Jersey pedestrians and bicyclists were killed by drivers.**
- ⇒ During this period, **pedestrians and bicyclists killed by drivers comprised over a quarter of all traffic fatalities.**³ Because of this, the Federal Highway Administration has designated New Jersey a **Pedestrian Focus State.**
- ⇒ As of October 2015, **122 municipalities, seven counties and NJDOT have adopted Complete Streets policies,**⁴ reflecting a widespread desire to create communities safer for all road users — drivers, passengers, pedestrians and bicyclists alike.



Sources and Footnotes

TSTC analysis of the NJDOT portion of the *Transportation Capital Program Fiscal Year 2016, 2015, 2014, and 2013*.

TSTC's analysis of the NJT portion of the *Transportation Capital Program Fiscal Year 2016*.

Image: Terrence T. McDonald, *The Jersey Journal*

¹NJDOT's \$2.9 billion portion of the capital program contains projects that are not administered by the agency but must be in the capital program because they are funded with federal funds. These "non-DOT" projects include the Port Authority's Goethals Bridge replacement and the Bayonne Bridge Navigational Clearance Project. TSTC's analysis of the NJDOT portion of the capital program takes out these projects in order to paint a clearer picture of NJDOT's planned spending. The FY 2016 NJDOT portion has \$951.5 million in non-DOT projects. The FY 2015 portion had \$616.5 million in non-DOT projects. The non-DOT portion of the FY 2014 and FY 2013 capital programs were \$862.8 million and \$128.7 million respectively.

²Southern New Jersey includes municipalities within DVRPC and the SJTPO region. Northern New Jersey includes municipalities within the NJTPA region.

³All information on fatalities from "Fatality Analysis Reporting System Encyclopedia," National Highway Traffic Safety Administration. <<http://www-fars.nhtsa.dot.gov//QueryTool/QuerySection/SelectYear.aspx>>.

⁴"Complete Streets Policy Compilation." New Jersey Bicycle and Pedestrian Resource Center, Rutgers University. <<http://njbikeped.org/services/resolutions/>>.

Methodology

For analysis of the NJDOT portion of the capital program, TSTC classified each project in one of 12 categories: bicycle/pedestrian, freight, local aid, miscellaneous road/bridge, non-NJDOT, other, Port Authority Project Program, road/bridge expansion, road/bridge preservation, safety, smart growth and transit (not NJT). Projects that are “non-DOT” are not included in the analysis. Road and bridge projects that also included bicycle or pedestrian components in their project descriptions were noted as having “bike/ped components.” For analysis of the NJT portion of the capital program, TSTC classified each project as a rail, bus, rail and bus, or other. TSTC then assigned each project to as many of the categories listed below as the project warranted.

NJDOT	Bicycle/Pedestrian	Sidewalks, bike lanes, pedestrian improvements such as bulb-outs and ADA crosswalks. Recreational trails funding and other bicycle/pedestrian lump sums included.
	Freight	Funding for NJ's Freight Program and maritime industry.
	Local Aid	Funds dedicated to counties, urban areas and metropolitan planning organization for unspecified projects.
	Miscellaneous Road/Bridge	Road and bridge projects that do not add to the road network significantly. Projects include operational improvements, intersection improvements such as adding turn lanes, road drainage projects, dams and culvert projects.
	Non-NJDOT and NJT projects	Projects undertaken by agencies other than NJDOT or NJT and over which NJDOT or NJT have no control. These projects are listed in the capital program due to reporting requirements.
	Other	Includes ITS, general funds for planning and research, studies, lump sums for unanticipated needs, etc.
	Port Authority Project Program	Port Authority funds represent funds from the canceled Access to the Region's Core project. NJDOT uses this money to pay for five NJDOT projects, Route 7 Hackensack River (Wittpenn) Bridge, Route 139 (Hoboken and Conrail Viaducts), Route 1&9 Extension, Route 1&9 Pulaski Skyway and Route 1&9 Pavement. From 2012 through 2016, the Port Authority will give NJDOT a total of \$1.8 billion.
	Road/Bridge Expansion	Significant increase in capacity and/or significant increase in infrastructure to be maintained. Examples: adding to the road network such as a flyover project, extending a road, adding additional lane miles, or adding to the bridge network such as adding additional a lane to a bridge, or creating a new bridge (while keeping an old bridge).
	Road/Bridge Preservation	Bridge replacements, rehabilitation without added capacity, road reconstruction, repaving without added capacity.
	Safety	Improvements that focus on vehicular safety concerns, including rockfall mitigation, traffic signal replacements and rail-highway grade crossings. This category addresses statewide, county-wide or route-wide safety improvements, and does not include individual projects that NJDOT undertakes for operational and safety reasons (e.g. changes to an intersection to improve safety).
	Smart Growth	Projects that link transit and development.
	Transit (not NJT)	Transit capital investments, funds for transit improvements, transit vehicle purchases, ferry projects.
	Road or Bridge with Bike/Ped	Addition of bike lanes, sidewalks and other bike/ped facilities to roads and bridges, whether in a preservation, miscellaneous or expansion project. Projects described as "proposed to be bicycle and pedestrian compatible" are also included. This category is a sub-category of the expansion, preservation and miscellaneous road/bridge categories.
NJT	Rail Maintenance	Rail station maintenance, rail car maintenance and track work.
	Rail Expansion	Expansion of the rail network.
	Rail Maintenance and Expansion	Rail projects that have both maintenance and expansion of rail network.
	Debt Service	Payment for borrowing.
	Access to Transit	Improvements that help people use transit, such as park and rides, ADA projects and programs serving vulnerable populations such as the elderly or disabled.
	New Buses	New bus purchases or new bus leases.
	New Rolling Stock	New rolling stock purchases or leases.
	Bus Maintenance	Necessary maintenance for buses.
	Bus Expansion	Expansion of bus service.
	Bus Maintenance and Expansion	Bus projects that have both maintenance and expansion of service.
	Bus Enhancements	Improvements that are not required maintenance, but additions that improve bus riders' experiences.
	Rail Enhancements	Improvements that are not required maintenance, but additions that improve rail riders' experiences.
	Rail and Bus Enhancements	Improvements that are not required maintenance, but additions that improve rail and bus riders' experiences.