

LONG-RANGE TRANSPORTATION PLAN | ROAD RECONSTRUCTION, MODERNIZATION AND AUTOMATION

Project Name & Description	Municipality	County	Short-Range (2024-2028)	Mid-Range (2029-2036)	Long-Range (2037-2050)	Unmet Needs	Project Sponsor
Linden Street - Highway restoration and signal upgrades from Elizabeth Avenue to Broadhead Road within the City of Bethlehem and Bethlehem Township	City of Bethlehem	N	\$500,000				PennDOT
Lehigh Race Street Intersection - Race Street intersection improvements at signalized intersection	Catasauqua	L	\$500,000				PennDOT
Lehigh Valley Transportation Study Congestion Mitigation and Air Quality (CMAQ) - LANTA Flex - Bus replacement	Various	L/N	\$7,200,000				PennDOT
Freeway Service Patrol - To provide two roaming tow trucks along Interstate 78 from State Route 100 to the State Route 309 split, and along US Route 22 from State Route 100 to State Route 33 for removal of disabled or accident vehicles	Various	L/N	\$1,800,000				PennDOT
State Route 222 & Shantz Road & State Route 863 Improvements - Intersections improvement of State Route 222 and Shantz Road (State Route 3012) and Farmington Road (State Route 863)	Upper Macungie Township	L	\$100,000				LVTS
Corridor Signal Improvement Line Item - Corridor signal improvement reserve line item	Various	L/N	\$3,014,727				LVTS
Safety Line Item - Line item reserve for safety, including in cases of emergency	Various	L/N	\$3,014,727				LVTS
Urban Line Item Reserve - Line item reserve for rehabilitation	Various	L/N	\$3,014,727				
State Route 248 Realignment - Realignment of Route 248	Bath Borough	N	\$4,600,000				PennDOT
Main Street (State Route 873) & Walnut Street Intersection Improvements - Realignment and reconstruction of State Route 873/Walnut Street intersection	Slatington Borough	L	Funds reside with project above				PennDOT

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7th Street Multimodal Corridor - Intersection/Roadway Improvements (State Route 145)	Whitehall Township	L	\$2,725,000				PennDOT
State Route 145 Safety Improvements - Mill, overlay, American with Disabilities Act compliance, restripe protected left turn bays at signals, align opposing left turns, two-way left turn signals throughout, access management, etc.	City of Allentown	L	\$5,300,000				PennDOT
Lehigh Valley Transportation Study Urban Intelligent Transportation System (ITS) - Installation of dynamic message signs (DMS) & closed circuit television cameras (CCTV)	Various	L	\$3,571,875				PennDOT
Cedar Crest Boulevard (State Route 29) Signal Upgrades - Corridor signal upgrade	Salisbury Township	L	\$748,112				PennDOT
MacArthur Road (State Route 145) Signal Upgrade - Synchronize twelve signalized intersections along MacArthur Road, including two signalized adjacent ramp intersections to enhance traffic flow along this major principal arterial	Whitehall Township	L	\$977,768				PennDOT
Mauch Chunk Road Signal Upgrade - Improve of existing traffic signal operation at two existing intersections along Mauch Chunk Road to optimize traffic flow	South Whitehall Township	L	\$2,200,000				PennDOT
State Route 248 Signal Upgrade - Americans with Disabilities Act signal upgrade	Lehigh Township	N	\$539,000				PennDOT
State Route 611 Retaining Wall Rehabilitation Easton - Retaining wall improvement	City of Easton	N	\$2,500,000				PennDOT
State Route 29/ Shimersville Hill Safety Improvement - Corridor safety improvements	Upper Milford Township	L	\$8,500,000				PennDOT
State Route 378 Lighting - State Route 378 street lighting	City of Bethlehem	L	\$1,300,000				LVTS

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Lehigh Valley Transportation Study Traffic Operation Center Operator - Operator in Traffic Operations Center in District 5-0 for Lehigh and Northampton Counties for management coverage of Closed Circuit TV cameras, Dynamic Message Sign boards and Highway Advisory Radio system	Various	L	\$100,000				LVTS
Lehigh Valley Transportation Study High-Friction Surface (2023) - High-Friction surface treatments	Lower Saucon Township	N	\$400,000				LVTS
Lehigh Valley Transportation Study Signal Upgrades - Low cost signal upgrades at urban intersections	Various	L	\$71,000				LVTS
Allentown Martin Luther King (MLK) Jr. Drive - Pedestrian enhancements along MLK Jr. Drive at 4th Street and Lehigh Street	City of Allentown	L	\$56,208				Allentown
State Route 191 Lower Nazareth Intersection Improvements - Signal Improvements and Congestion Mitigation	Lower Nazareth Township	N	\$3,710,000				PennDOT
Freemansburg Avenue (State Route 2018) Safety Improvements - Intersection safety improvements	Bethlehem Township	N	\$3,300,000				PennDOT
Lehigh Valley Transportation Study All Weather Pavement Markers 2023 - All-weather pavement markings	Lynn Township	L	\$5,000				PennDOT
BPN-4 Guide Rail Upgrade Line Item - BPN-4 guide rail upgrades	East Allen Township	N	\$200,000				PennDOT
Lehigh Valley Transportation Study Systemic Safety Improvements - Safety Improvements	Various	L	\$30,000				PennDOT
State Route 309 - Signal Head Reflective Backplate - The low cost safety improvement is adding signal head backplates on the northbound and southbound State Route 309 signals	Upper Saucon Township	L	\$6,198				PennDOT

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Tropical Storm Ida Department Force Emergency Lehigh Valley Transportation Study - Department force emergency repairs from Tropical Storm Ida	Various	N	\$24,780				LVTS
Weaversville Curve (Phase 1) - Conduct study of State Route 1009 (Weaversville Road) curve to determine alternatives for realigning the road	East Allen and Hanover Townships	L/N	\$177,675				PennDOT
Lehigh Valley Transportation Study Vulnerable Road User Project - Tier 1 - Vulnerable Road User (VRU) safety improvements	City of Allentown	L	\$1,050,350				PennDOT
Americans with Disabilities Act Ramps Line Item - Lehigh Valley wide curb cut & ramps on various highways	Various	L/N		\$4,000,000			LVTS
2023 Systemic Safety Improvements - Project to address ranked candidate locations for systemic lane departure safety improvements identified in PennDOT District Safety Plan	Various	L		\$6,000,000			PennDOT
Lehigh Valley Intelligent Transportation Systems (ITS) - Installation or replacement of Closed Circuit Television (CCTV), Dynamic Message Boards and equipment	Various	L/N		\$7,000,000			PennDOT
Variable Speed Limit Technologies - Implement signing to incorporate the ability to adjust speed limits on US Route 22 and Interstate 78 to improve operations and safety during inclement weather or times of congestion	Various	L/N		\$5,000,000			PennDOT
Carbon Reduction Line Item - Develop climate action plan. Purchase, deploy, implement and maintain environmental monitoring system. Implementation of carbon sequestration program	Various	L/N	\$5,000,000	\$5,000,000	\$10,000,000		LVTS
2023 Vulnerable Road User Improvements - Project to address ranked candidate locations to improve safety of pedestrians, bicyclists and mobility device users	Various	L/N		\$14,000,000			PennDOT

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Lehigh County Congestion Mitigation and Air Quality Line Item - Funding for transportation projects that will improve air quality and reduce traffic congestion within Lehigh County	Various	L	\$8,000,000	\$16,000,000	\$26,000,000		LVTS
Northampton County Congestion Mitigation and Air Quality Line Item - Funding for transportation projects that will improve air quality and reduce traffic congestion within Northampton County	Various	N	\$8,000,000	\$16,000,000	\$26,000,000		LVTS
Bus Rapid Transit (BRT) Bus Rider Infrastructure Safety Improvements - Infrastructure improvements along BRT routes involving crosswalks and bus rider amenities, queue jumps for traffic signalization and other infrastructure to enhance the BRT	Various	L/N		\$8,000,000	\$26,000,000		LVTS
Regional Carbon Reduction Set-aside Line Item - The regional carbon reduction set-aside funds will be allocated later, allowing for the development of a comprehensive strategy next year. This ensures a well-informed and strategic plan, maximizing the impact on reducing carbon emissions. By investing resources in an effective strategy, we promote environmental stewardship and a cleaner, greener future, reflecting a commitment to responsible decision-making and long-term sustainability in addressing climate change in the Lehigh Valley	Various	L/N	\$3,823,000	\$12,752,000	\$30,598,116		LVTS
22 Tomorrow Phase 1 Implementation Line Item - Reserve line item for the implementation of Phase 1 of the updated 22 Tomorrow plan in Lehigh and Northampton counties	Various	L/N		\$47,859,256	\$195,922,120		LVTS
22 Tomorrow Phase 2 Implementation Line Item - Reserve line item for the implementation of Phase 2 of the updated 22 Tomorrow plan in Lehigh and Northampton counties	Various	L/N				\$1,459,905,234	LVTS

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Traffic Management Center Upgrades - Remove and upgrade existing equipment to implement individual work stations to provide more capacity and efficiency	City of Allentown	L		\$575,000			PennDOT
Allentown LED Streetlight Conversion - Upgrade all pedestrian lighting infrastructure to high-efficiency LED technology across the city	City of Allentown	L		\$10,000,000			City of Allentown
Allentown Adaptive Traffic Systems Improvements - Installation of adaptive traffic signal technologies at various intersections across the city	City of Allentown	L		\$1,500,000			City of Allentown
Allentown Wayfinding Signage - Implementation of recommendations for signage in the citywide wayfinding plan	City of Allentown	L		\$200,000			City of Allentown
Emmaus Avenue Intersection Upgrades - Eight intersection upgrades	City of Allentown	L		\$6,140,340			City of Allentown
State Route 412 Hellertown Corridor Improvements - Reduce congestion and improve safety along the corridor between Commerce Center Boulevard and Cherry Lane	City of Bethlehem, Hellertown Borough	N		\$9,000,000			PennDOT
South 4th Street/ Pike Avenue (State Route 145) Corridor Improvements - Reduce congestion and improve safety along the corridor between Emmaus Avenue (State Route 2002) in Allentown and Rock Road/ Summit Lawn in Salisbury Township	City of Allentown, Salisbury Township	L		\$5,000,000			PennDOT
American Parkway Pedestrian Improvements - Improvements at ten intersections on American Parkway, from Union and Third Streets to Airport Road. Project to include new mast arms, signal heads, base-mounted controller cabinet, pedestrian countdown signal indication, Americans with Disabilities Act ramps, GPS emergency preemption and transit priority green operation	City of Allentown	L		\$6,140,340			City of Allentown

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Albert Street D&L Trail "Share the Road" Corridor - Traffic control and marking enhancements along Albert Street near Allentown Canal Park to improve safety	City of Allentown	L		\$100,000			City of Allentown
Tilghman Street/Union Boulevard (State Route 1002) - Modernization of 27 intersections along the corridor and integration with Allentown's Traffic Management Center	City of Allentown	L		\$14,500,000			City of Allentown
Wyandotte Street (State Route 378) Corridor Improvements - Reduce congestion and improve safety along the corridor between Third Street to and including the "5-points" intersection at Broadway	City of Bethlehem	N		\$20,000,000			PennDOT
Linden Street Conversion Project - Redesign roadway from one-way travel to two-way travel lanes to enhance multimodal safety and connectivity from Fairview Street to Church Street	City of Bethlehem	N		\$2,023,260			City of Bethlehem
Adaptive Signal Updates - Intersection upgrades from South Albert Street to 31st Street	City of Allentown	L		\$1,883,016	\$12,004,386		City of Allentown
Emmaus Avenue (State Route 2002) Signal Improvements - Upgrade traffic infrastructure and timing to allow for automated traffic signal performance measures improvements along the corridor at approximately six intersections	City of Allentown	L		\$3,500,000			PennDOT
Schoenersville Road (State Route 1009) Corridor Improvements - Reduce congestion and improve safety along the corridor between US Route 22 and Eaton Avenue	City of Bethlehem	N			\$10,000,000		PennDOT
Lehigh Street and Union Street Intersection and Corridor Improvements - Install new traffic signal at Lehigh Street and Union Street and conversion of existing one-way condition to two-way traffic on Union Street from 7th Street to 8th Street	City of Allentown	L		\$4,500,000			City of Allentown

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Allentown Center Square Project - Upgrade intersection of Hamilton Street and 7th Street, including creation of an urban plaza and multimodal transportation enhancements from Center Square to 7th and Linden Streets	City of Allentown	L			\$4,500,000		City of Allentown
Rectangular Rapid Flashing Beacon Installation & Adaptive Signal Upgrades - North Albert Street to North Wahneta Street and Hanover Avenue and East Linden Street	City of Allentown	L			\$12,357,433		City of Allentown
American Parkway - Intersections at Hamilton Street, Linden Street & Gordon Street - Improvements to include widening intersections, milling, paving, accessible ramps, concrete repair, striping and crosswalks. The Hamilton Street/ American Parkway, the Linden Street/American Parkway, and the Gordon Street/American Parkway intersections are proposed to be widened to establish dedicated left turn lanes	City of Allentown	L			\$7,061,391		City of Allentown
Hamilton Street/Hanover Avenue Corridor Study and Construction - Plan for and construct turn lanes, bicycle facilities and resurfacing of the corridor from South Albert Street to Irving Street	City of Allentown	L			\$1,650,000		City of Allentown
Walbert Avenue (State Route 1006) Betterment Project - Corridor improvements and upgrades including Americans with Disabilities Act ramps, sidewalk installation, streetscaping and lighting/signal modernization	South Whitehall Township	L			\$8,000,000		South Whitehall Township
State Route 512 Adaptive Signal Upgrade - Adaptive signal upgrades along State Route 512, from Center Street to Jaindl Boulevard	Hanover Township (NC)	N		\$3,028,686			PennDOT
Jaindl Highway (State Route 222) at Krocks Road Intersection Improvements - Reduce congestion and improve safety	Lower Macungie Township	L			\$11,000,000		PennDOT

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Cedar Crest Boulevard (State Route 29) Intersection Improvements - Traffic signal upgrades, additional turn lanes to improve safety and reduce congestion between Minesite Road (State Route 2015) in Lower Macungie Township and North Street in Emmaus Borough	Emmaus Borough, Lower Macungie Township	L			\$8,500,000		PennDOT
17th Street Corridor Traffic Signal Modernization - Technology upgrades along the corridor from Hamilton Street to Chew Street	City of Allentown	L			\$550,000		City of Allentown
South Whitehall Township Adaptive Traffic Signal Upgrades - Upgrade all traffic signals to utilize Adaptive signal control technology to mitigate congestion on major corridors	South Whitehall Township	L			\$3,300,000		South Whitehall Township
Tilghman Street (State Route 1002) Improvements - Widen corridor from State Route 100 to Ruppsville Road (State Route 3019), including betterment of traffic management through traffic signal upgrades and pavement markings. Project also involves multimodal accommodations including sidewalks	Upper Macungie Township	L			\$20,000,000		Upper Macungie Township
Nestle Way/Grim Road Corridor and Schantz Road (State Route 3012) Intersection Improvements - Widen Nestle Way, including a culvert to accommodate turning lanes between Adams Road and Oldt Road, intersection improvements at Schantz Road and Grim Road/ Industrial Boulevard to improve freight mobility in the area and improve safety. Project also includes pedestrian and multimodal facilities such as sidewalks	Upper Macungie Township	L			\$11,600,000		Upper Macungie Township

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Old Route 22 & State Route 863 Intersection Widening - Redesign and reconstruction to mitigate congestion, accommodate increased freight movements and improve overall safety and functionality	Weisenberg Township	L			\$4,093,560		Weisenberg Township
Saint John Street Traffic Calming Improvements - Bump outs, medians/curb realignment, and potential lane reductions along State Route 2005, install sidewalks on the west side of the road, add high visibility crosswalks, enhanced street and pedestrian lighting, and a new pedestrian bridge to connect Scott Park to Delaware Canal State Park	City of Easton	N		\$10,397,294	\$2,023,260		City of Easton
Roadway Traffic Calming Improvements - Bump outs, medians/curb realignment, and potential lane reductions along Saint John Street (State Route 2005)	City of Easton	N			\$17,192,952		City of Easton
Jaindl Highway/Hamilton Boulevard/Hamilton Street (State Route 222) Signal Improvements - Upgrades of traffic infrastructure and timing to allow for automated traffic signal performance measures improvements along the corridor at approximately 17 intersections	City of Allentown, Lower Macungie, South Whitehall and Upper Macungie Townships	L			\$9,000,000		PennDOT
25th Street Hill (State Route 2012) Improvements - Safety and infrastructure enhancements and reconstruction, including drainage upgrades, shoulder widening, flattening of curves, intersection improvements, signage and guiderail upgrades including embankment removal	West Easton and Wilson Boroughs, Palmer Township,	N			\$7,500,000		Palmer Township

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Jaindl Highway (State Route 222), Grim Road and Cetronia Road Intersection Improvements - Replace turn lanes with "jughandle" ramps to improve safety and capacity, project also involves multimodal infrastructure, including sidewalks	Upper Macungie Township	L			\$26,500,000		Upper Macungie Township
State Route 100 and Industrial Boulevard Intersection Improvements - Widening westbound lanes of Industrial Boulevard to State Route 100. Project includes installation of sidewalks	Upper Macungie Township	L			\$1,200,000		Upper Macungie Township
Bath Adaptive Traffic Signals - Install adaptive signals at Walnut Street at Northampton Street, Chestnut Street at Northampton Street, Main Street at Race Street and Main Street at Walnut Street, North Walnut Street from Barrall Avenue to Main Street	Bath Borough	N		\$1,380,000			PennDOT
Main and Chestnut Street Improvements - Improvements to more than 20 intersections in the corridor, including street lights, red lights, crosswalk areas and signals, traffic flow, congestion and different safety issues	Emmaus Borough	L			\$147,864		Emmaus Borough
Advanced Signal Coordination System - Add signal coordination system for four interconnected signals, including increased signal head size with back/glare plates and three signals along Barrall Street, Northampton Street and Main Street (State Route 512), as well as two signals along South Walnut Street and Chestnut Street (State Route 248)	Bath Borough	N			\$10,000		Bath Borough
Road Auxiliary Turn Lanes - Intersection of Vera Cruz Road (State Route 2023)/Oakhurst Drive (State Route 2038) and Pike Avenue (State Route 145)	Upper Saucon Township	L			\$3,070,170		Upper Saucon Township

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Cedar Crest Boulevard (State Route 1019) Safety Improvements - Implement improvements based on road safety audit between Hamilton Boulevard (State Route 222) and Chew Street	City of Allentown, South Whitehall Township	L			\$7,500,000		PennDOT
Downtown Easton Signal Improvements - Upgrades of traffic infrastructure and timing to allow for automated traffic signal performance measures improvements along Northampton Street (State Route 248) and 3rd Street at approximately 17 intersections in Easton	City of Easton	N			\$8,000,000		PennDOT
Tilghman Street (State Route 1002) Signal Improvements - Upgrade traffic infrastructure and timing to allow for automated traffic signal performance measures improvements along corridor at approximately 22 intersections	City of Allentown, South Whitehall Township	L			\$11,000,000		PennDOT
3rd Street/Larry Holmes Drive (State Route 611 and State Route 2026) Intersection Improvements - Reduce congestion and improve safety	City of Easton	N			\$5,500,000		PennDOT
19th and Roth Avenue Intersection Improvements - Pedestrian multimodal upgrades at the city gateway near the overpass of US Route 22	City of Allentown	L			\$1,500,000		City of Allentown
Avenue C Reconstruction - Full-depth reconstruction of roadway and improvement of associated stormwater drainage concerns	City of Bethlehem	N			\$560,000		City of Bethlehem
State Route 309 Coopersburg - Adaptive signal upgrades along State Route 309	Coopersburg Borough	L				\$3,946,323	PennDOT
Bath Borough Turning Lanes and Signalization - Upgrade at State Route 512 and Mill Street intersection	Bath Borough	N			\$18,830,375		Lehigh Valley Transportation Study

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Uhler Road/Sullivan Trail Intersection Improvement - Construct left turn lanes on both the westbound and eastbound approaches of Uhler Road at the intersection with Sullivan Trail	Forks Township	N			\$9,415,188		Forks Township
Borough of Catasauqua Downtown Commercial District Along Lehigh River - Paving overlay, streetscape improvements and traffic signal improvements	Catasauqua Borough	L				\$1,504,358	Catasauqua Borough
Americans with Disabilities Act Traffic Signalization - Signalization at four intersections and state highway conversions to one-way traffic patterns on North Walnut Street from Barrall Avenue to Main Street, Northampton Street from Walnut Street to Main Street, Main Street from Northampton Street to Walnut Street	Bath Borough	N			\$15,350,658		Bath Borough
State Route 512 Traffic Control Improvements - Install red-blinking light at State Route 512 and Park Road, reduce speed throughout East Bangor along State Route 512 from 35 mph to 25 mph with appropriate signage, install radar speeds at suggested locations, and install pedestrian ahead signs along State Route 512	East Bangor Borough	N			\$102,339		East Bangor Borough
Blue Mountain Drive/Breadfruit Drive Intersection Improvements - Roadway realignment and/or regrading to achieve the proper slope	Lehigh Township	N			\$6,140,340		Lehigh Township
State Route 512 Slate Belt Corridor Improvements Study and Improvements - Improve safety, reduce congestion and upgrade the corridor to accommodate all vehicle types	Wind Gap and Pen Argyl Boroughs, Plainfield Township	N			\$15,500,000		PennDOT
Nazareth Road (State Route 248) and Sales Street (State Route 2040) Intersection Improvements - Reduce congestion and improve safety	Palmer Township	N			\$3,000,000		PennDOT

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Weaversville Road Curve Improvements - Roadway and intersection improvements to improve safety, functionality and connectivity for all modes of transportation from Colonial Road to South Halbea Street	East Allen, Hanover (NC) and Hanover (LC) Townships	L/N			\$10,000,000		East Allen Township; Hanover Township, Northampton County; Hanover Township, Lehigh County
15th Avenue Reconstruction - Full-depth reconstruction of roadway and improvement of associated stormwater drainage concerns	City of Bethlehem	N				\$460,000	City of Bethlehem
Rehabilitation of Main Street - Rehabilitation of State Route 3005 from Washington Street south to the Freemansburg Bridge over Lehigh River	Freemansburg Borough	N			\$2,217,956		Freemansburg Borough
One-Way to Two-Way Conversion, Signal Retiming/Installations - Upgrades to Center Street from Church Street to Elizabeth Avenue	City of Bethlehem	L			\$13,887,402		City of Bethlehem
Traffic Signal Upgrades - Upgrades along Broad Street at Walnut Street, Belvidere Street and Center Street	Nazareth Borough	N			\$1,023,391		Nazareth Borough
Intersection of State Route 248/State Route 145 and Intersection of State Route 248/State Route 873 - Study to identify specific improvements	Lehigh Township	N			\$938,954		Lehigh Township
Intersection of State Route 248/State Route 145 and Intersection of State Route 248/State Route 873 - Project construction based on improvements identified in study phase	Lehigh Township	N				\$9,346,114	Lehigh Township
Chestnut Street (State Route 29) and State Route 100 - Improve safety and alleviate congestion by redesign and reconstruction of the intersection including truck traffic impacts	Upper Milford Township	L				\$20,200,000	Upper Milford Township

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Emmaus Avenue Safety Improvement Project - Modernization of eight intersections along the corridor from 31st Street to South Albert Street, including Americans with Disabilities Act upgrades, transit and emergency service preemption technology with integration into the city's Traffic Management Center. Evaluate the feasibility of a roundabout at Mack Boulevard and Emmaus Avenue	City of Allentown	L				\$2,800,000	City of Allentown
Old Route 22 (State Route 3022) and Kecks Road Intersection Safety Improvements - Redesign and vertical curve improvements on the approaches along State Route 3022	Weisenberg Township	L				\$1,000,000	Weisenberg Township
Lehigh Street (State Route 2005) at 33rd Street Intersection Improvements - Stormwater control measures and infrastructure upgrades to address flooding concerns	Salisbury Township	L				\$1,200,000	Salisbury Township
Hamilton Boulevard (State Route 222) at Lincoln Avenue - Roundabout and road diet	South Whitehall Township	L				\$10,233,899	South Whitehall Township
Valley Plaza Shopping Center & Bethlehem Diner Improvements - Pedestrian crossings, striping/signage, upgrades to the signal, concrete and Americans with Disabilities Act ramps	Hanover Township	L				\$1,048,975	Hanover Township, Lehigh County
Signal & Sign Installation - Freemansburg Avenue at 9th Street and 9th Street at Hamilton Street	Bethlehem Township	N				\$562,864	Bethlehem Township
Sullivan Trail/Newlins Road Intersection - Realign approaches and replace existing culverts with an enlarged box culvert	Forks Township	N				\$3,070,169	Forks Township
Auxiliary Turning Lanes and Signalization - Intersection of Vera Cruz Road (State Route 2023) and Lanark Road (State Route 2039)	Upper Saucon Township	L				\$4,093,560	Upper Saucon Township

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Willow Park Road (State Route 3007) Safety Improvements - Improvements from Freemansburg Avenue (State Route 2018) to Easton Avenue (State Route 2020), including potential turn lanes at the intersection of Freemansburg Avenue and Willow Park Road	Bethlehem Township	N				\$3,500,000	PennDOT
Kings Highway (State Route 100) and Chestnut Street (State Route 29) Intersection - Realignment and associated safety improvements to include a roundabout or signalized intersection	Upper Milford Township	L				\$6,500,000	PennDOT
Nazareth Pike (State Route 191) and Hecktown/Hanoverville Road Intersection Improvements - Mitigate congestion and improve safety with traffic signal timing	Lower Nazareth Township	N				\$750,000	Lower Nazareth Township
Grape Street and 3rd Street Intersection Improvements - Traffic signal modernization and improvements, including Americans with Disabilities Act upgrades and a potential turning lane to alleviate congestion	Whitehall Township	L				\$2,500,000	Whitehall Township
Mill Road (State Route 2024) and Main Street (State Route 2045) Intersection Improvements - Redesign and reconstruction of the intersection to mitigate congestion and improve safety	Upper Saucon Township	L				\$3,000,000	Upper Saucon Township
Sullivan Trail Signalization - Update signalization along portions of Sullivan Trail between Old Mill Road and Mecco Road	Forks Township	N				\$204,678	Forks Township
Eberhart Road Jughandle Improvements - Eliminate eastbound movement between State Route 145 and jughandle to allow three westbound lanes and modifications to improve traffic flow	Whitehall Township	L				\$4,298,237	Whitehall Township
Uhler Road/Kesslerville Road Upgrade - Signalization at the intersection of Uhler Road and Kesslerville Road	Forks Township	N				\$8,187,120	Forks Township

LONG-RANGE TRANSPORTATION PLAN | ROAD RECONSTRUCTION, MODERNIZATION AND AUTOMATION

Project Name & Description	Municipality	County	Short-Range (2024-2028)	Mid-Range (2029-2036)	Long-Range (2037-2050)	Unmet Needs	Project Sponsor
Blue Mountain Drive (State Route 4001) and State Route 946 - Intersection realignment and traffic signal upgrades. Improvements include right-of-way acquisition, demolition of structures within the clear zone, utility relocation, auxiliary lane and shoulder widening, and pedestrian accommodations	Lehigh Township	N				\$10,233,900	Lehigh Township
State Route 873 and Bellview Road (State Route 329) Intersection Improvements - Safety improvements with a potential roundabout	North Whitehall Township	L				\$5,000,000	PennDOT
Pen Argyl Road and Delabole Road Intersection - The intersection needs additional signage, which should include solar lights to alert drivers to slow down and watch for cross traffic	Plainfield Township	N				\$6,000,000	Plainfield Township
Iron Bridge Road/Schersersville Road Rehabilitation - Roadway stabilization along streambanks of the adjacent Jordan Creek	South Whitehall Township	L				\$2,200,000	South Whitehall Township
Grim Road and Industrial Boulevard Intersection Improvements - Construction of turning lanes from Grim Road onto Industrial Boulevard to mitigate congestion	Upper Macungie Township	L				\$1,450,000	Upper Macungie Township
Bake Oven Road (State Route 4019) and State Route 309 Intersection Improvements - Sight distance improvements	Heidelberg Township	L				\$4,250,000	Heidelberg Township
Intersection of Bath Pike (State Route 248) and Daniels Road (State Route 946) - Updated traffic study of the State Route 248/State Route 946 intersection	Upper Nazareth Township	N				\$8,187,120	Upper Nazareth Township
State Route 512 Re-alignment - Straighten Route 512 in downtown. State Route 512 currently requires multiple difficult turns as the roadway traverses Market Street, South Main Street and Bill Scott Boulevard (East Bangor Highway)	Bangor Borough	N				\$295,727	Bangor Borough

LONG-RANGE TRANSPORTATION PLAN | ROAD RECONSTRUCTION, MODERNIZATION AND AUTOMATION

Project Name & Description	Municipality	County	Short-Range (2024-2028)	Mid-Range (2029-2036)	Long-Range (2037-2050)	Unmet Needs	Project Sponsor
Airport Road North-bound Ramp from US Route 22 Westbound Ramp to Postal Road/Avenue A - Jughandle for left turns onto Postal Road	Hanover Township	L				\$204,678	Hanover Township, Lehigh County
Sullivan Trail (State Route 2025)/Richmond Road (State Route 2021)/Paxinosa Road Intersection Improvements - Advanced warning signs and signaling devices at intersection of Sullivan Trail and Paxinosa Road	Forks Township	N				\$1,023,390	Forks Township
Sullivan Trail/Church Lane Improvements - Intersection to include full signalization and a turning lane on Sullivan Trail and Church Lane	Forks Township	N				\$2,967,831	Forks Township
State Route 248 and Blue Mountain Drive (State Route 4001) Intersection Improvements - Intersection widening to include turning lanes in all directions and traffic signal upgrades.	Lehigh Township	N				\$7,163,730	Lehigh Township
Bushkill Drive (State Route 2019) Zucksville Road (State Route 2036) Intersection Improvements - Installation of turn lanes and traffic signal upgrades	Forks Township	N				\$4,000,000	Forks Township
Pen Argyl Road and Mill Road Intersection Signage - The intersection needs additional signage, which should include solar lights to alert drivers to slow down and watch for cross traffic	Plainfield Township	N				\$1,000,000	Plainfield Township
Mill Creek Road (State Route 4009) Improvements - Reconstruction/rehabilitation of deteriorating edge of road	Lowhill Township	L				\$3,000,000	Lowhill Township
Mountain Road (State Route 4024) and Church Road Intersection Improvements - Realignment of the intersection to increase sight distance and to provide expanded turn radius	Heidelberg Township	L				\$5,000,000	Heidelberg Township
State Route 309 and Memorial Road Intersection Improvements - Install traffic control upgrades at the intersection to improve functionality and safety	Lynn Township	L				\$2,000,000	Citizen (Farmer)

LONG-RANGE TRANSPORTATION PLAN | ROAD RECONSTRUCTION, MODERNIZATION AND AUTOMATION

Project Name & Description	Municipality	County	Short-Range (2024-2028)	Mid-Range (2029-2036)	Long-Range (2037-2050)	Unmet Needs	Project Sponsor
State Route 100 Turning Lane at Hollenbach Road - Construct turning lane from northbound State Route 100 onto Hollenbach Road	Lowhill Township	L				\$1,200,000	Citizen (Farmer)
State Route 100 Turning Lane at Lyon Valley Road - Construct turning lane from northbound State Route 100 onto Lyon Valley Road	Lowhill Township	L				\$1,200,000	Citizen (Farmer)
Fullerton Avenue (State Route 1015) and Kimmert Avenue Intersection Improvements - Safety and mobility infrastructure improvements including signalization, pedestrian American with Disabilities Act upgrades, and transit enhancements at Fullerton Avenue (State Route 1015) and Kimmert Avenue	Whitehall Township	L				\$3,500,000	PennDOT / Whitehall Township
Airport Road Corridor Study - Evaluation and identification of infrastructure improvements needed to improve functionality, safety and multimodal mobility along Airport Road from American Parkway and including the interchange of US Route 22, the intersection of Schoenersville Road to the intersection of State Route 248	City of Allentown, City of Bethlehem (LC), Hanover Township (LC), Hanover Township (NC), East Allen Township	L/N		\$6,000,000			LVTS
Airport Road Corridor Phase 1 Infrastructure Implementation Line Item - Funding for implementation of recommendations of infrastructure improvements identified as a result of the Airport Road Corridor Study of Airport Road from American Parkway to State Route 248	City of Allentown, City of Bethlehem (LC), Hanover Township (LC), Hanover Township (NC), East Allen Township	L/N			\$49,934,647		LVTS
Jaindl Highway (State Route 222) Safety Improvements - Redesign and construction for safety and traffic management improvements in the "weave area" between the Pennsylvania Turnpike Northeast Extension bridge and Interstate 78 interchange, including Hamilton Boulevard (State Route 222), Kessler Road and Cedarbrook Road (State Route 2011)	Lower Macungie Township	L			\$4,500,000		PennDOT

LONG-RANGE TRANSPORTATION PLAN | ROAD RECONSTRUCTION, MODERNIZATION AND AUTOMATION

Project Name & Description	Municipality	County	Short-Range (2024-2028)	Mid-Range (2029-2036)	Long-Range (2037-2050)	Unmet Needs	Project Sponsor
<p>Jefferson Street Road Diet/Roundabout - Construction of a roundabout at the intersection of Jefferson Street and Park Drive, Lehigh Parkway East, Lehigh Parkway South and Tioga Street. Lane narrowing and multimodal pedestrian improvements along the corridor</p>	City of Allentown	L			\$5,000,000		Allentown
<p>Airport Road Corridor Phase 2 Infrastructure Implementation Line Item - Phase 2 Funding for implementation of recommendations of infrastructure improvements identified as a result of the Airport Road Corridor Study of Airport Road from American Parkway to State Route 248</p>	City of Allentown, City of Bethlehem (LC), Hanover Township (LC), Hanover Township (NC), East Allen Township	L/N				\$9,336,990	LVTS