

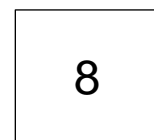
# Long-Range Transportation Plan LVTS Joint Technical + Coordinating Committee Meeting 7/19/2023

## Project Lists with Budget and Scoring

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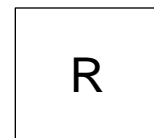
### Spreadsheet Legend:



The number of data sets that the project meets. The full list of data sets is available at [www.lvpc.org/transportation-plans](http://www.lvpc.org/transportation-plans).



Indicates a project within a Justice40 area.



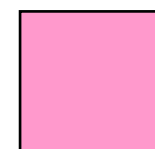
This is a required line item.



Indicates a line item.



Indicates an interstate project, which receives funding through the state and not the regional allocation.



Indicates a project that was moved to the short-range because of available Bridge Off System funding.

## LRTP Bridge Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
1	PB13	<b>Box Culvert Bundle #5</b> - Rehabilitation/Replacement of Box Culvert of locations to be determined	Various	Lehigh and Northampton		\$7,500,000			PennDOT	NEW	R
2	OBP33	<b>Bridge Preventative Line Item</b> - Reserves for line items on bridge projects in Lehigh and Northampton counties	Various	Lehigh and Northampton		\$3,589,189			PennDOT	Current LRTP	R
3	OBP19	<b>Freight Impacted Bridges Line Item</b> - For critical bridge repairs that may include emergency rehabilitation or maintenance	Various	Lehigh and Northampton		\$ 11,500,000			LVTS	Current LRTP	R
4	OBP16	<b>Hamilton Street Bridge</b> - Rehabilitation/Replacement of the bridge carrying Hamilton Street over Railroad Tracks and the Jordan Creek	City of Allentown	Lehigh		\$16,374,239			Lehigh County	Current LRTP	12
5	OBP6	<b>Front Street Bridge</b> - Replacement/Rehabilitation of the State Route 1015 (Front Street) Bridge over an abandoned railroad	City of Allentown	Lehigh		\$768,174			Transportation Improvement Program	Current LRTP	11
6	OBP15	<b>Fourth Street Bridge</b> - Replacement project for the bridge carrying Fourth Street in the City of Allentown over Sumner Avenue and Jordan Creek	City of Allentown, Whitehall Township	Lehigh		\$16,374,239			Lehigh County	Current LRTP	11
7	OBP31	<b>Reading Road Bridge</b> - Rehabilitation/Replacement of the bridge carrying Walnut Street over Cedar Creek	City of Allentown	Lehigh		\$5,116,950			Lehigh County	Current LRTP	11
8	OBP18	<b>Route 611 Bridge</b> - Rehabilitation of the bridge over the Lehigh River	City of Easton	Northampton		\$5,000,000			PennDOT	Current LRTP	10
9	OBP23	<b>Route 329 Bridge over Hokendauqua Creek</b> - Bridge rehabilitation or replacement	Northampton Borough	Northampton		\$5,000,000			PennDOT	Current LRTP	10
10	MP63	<b>Hamilton Street Bridge</b> - Rehabilitation/Replacement of the bridge carrying Hamilton Street over Albert Street, Railroad Tracks and the Lehigh River	City of Allentown	Lehigh		\$60,000,000			Lehigh County	NEW	10
11	MP123	<b>Route 1002 (Union Boulevard) Bridge</b> - Rehabilitation/Replacement of bridge over former New England Railroad	City of Allentown	Lehigh		\$3,400,000			City of Allentown	NEW	10

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12	OBP12	<b>Northampton County Bridge #168</b> - Removal of the High Street bridge that previously connected Glendon Borough to Hugh Moore Park in Easton City, The bridge is closed and continues to deteriorate	Glendon Borough	Northampton		\$2,300,000			Northampton County	Current LRTP	9
13	OBP14	<b>Route 22 over Bushkill Creek Bridge</b> - Cemetery Curve Bridge rehabilitation or deck replacement	City of Easton	Northampton		\$10,907,163	\$19,794,537		PennDOT	Current LRTP	9
14	OBP17	<b>Northampton County Bridge #19</b> - Seidersville Road Bridge	City of Bethlehem	Northampton			\$16,374,239		Northampton County	Current LRTP	9
15	UNMET4	<b>Main Street Ramp Bridge Rehabilitation</b> - Connect to Main Street from State Route 378	City of Bethlehem	Lehigh			\$20,467,799		City of Bethlehem	Unmet Need LRTP	9
16	PB1	<b>Route 873 (Lehigh Gap Road) Improvements</b> - Rehabilitation/Replacement of Box Culvert over Tributary to Lehigh River	Washington Township	Lehigh			\$1,290,000		PennDOT	NEW	9
17	PB22	<b>Route 3004 (Friedensville Road)</b> - Rehabilitation/Replacement of Bridge over Black River	Lower Saucon Township	Northampton			\$1,500,000		PennDOT	NEW	9
18	MP65	<b>Fourth Street Bridge</b> - Rehabilitation/Replacement of bridge carrying Fourth Street over Sumner Avenue and the Jordan Creek	City of Allentown, Whitehall Township	Lehigh			\$14,239,469		Lehigh County	NEW	9
19	MP104	<b>Canal Park Bridge</b> - Rehabilitation/Replacement of bridge over Lehigh Canal	City of Allentown	Lehigh			\$2,050,000		City of Allentown	NEW	9
20	MP125	<b>South 10th Street Bridge</b> - Rehabilitation/Replacement of bridge over Little Lehigh River	City of Allentown	Lehigh			\$3,250,000		City of Allentown	NEW	9
21	OBP25	<b>8th Avenue Bridge Replacement</b> - Over abandoned Norfolk Southern Railroad tracks	City of Bethlehem	Lehigh			\$2,800,000		PennDOT, City of Bethlehem	Current LRTP	9
22	OBP8	<b>Pine Street Bridge</b> - Spanning the Lehigh River between Whitehall Township and the Borough of Catasauqua	Whitehall Township, Catasauqua Borough	Lehigh			\$80,531,161		Lehigh County	Current LRTP	8
23	OBP13	<b>Glendon Hill (Hugh Moore Park) Bridge</b> - Provide access to Hugh Moore Park and the National Canal Museum	City of Easton	Northampton			\$862,500		City of Easton	Current LRTP	8
24	OBP40	<b>State Route 512</b> - Bridge Rehabilitation Rehabilitation/replacement of bridge over Brushy Meadow Creek	Bangor Borough	Northampton			\$38,205		State Transportation Commission	Current LRTP	8

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25	MP37	<b>Silver Creek Culvert</b> - Rehabilitation or replacement to improve functionality of the culvert carrying Silver Creek under Route 412 (Main Street) to mitigate effects of flooding on adjacent streets in the Borough during extreme weather events	Hellertown Borough	Northampton			\$6,500,000		Hellertown Borough	NEW	8
26	MP124	<b>South 5th Street Bridge</b> - Rehabilitation/Replacement of bridge over Trout Creek	City of Allentown	Lehigh			\$2,550,000		City of Allentown	NEW	8
27	MP132	<b>Schreiber's Bridge</b> - Rehabilitation/Replacement of bridge carrying Lehigh Parkway East over the Little Lehigh River	City of Allentown	Lehigh			\$4,000,000		City of Allentown	NEW	8
28	OBP10	<b>State Route 512 (Market Street) Improvements</b> - Realignment of State Route 512 at the intersection of North Main Street to improve safety and reduce congestion	Bangor Borough	Northampton			\$5,175,231		PennDOT	Current LRTP	7
29	OBP11	<b>South Main Street Bridge</b> - Bridge replacement over Martins Creek	Bangor Borough	Northampton			\$4,435,912		PennDOT	Current LRTP	7
30	OBP24	<b>Route 145 Bridge Replacement</b> - Over Fells Creek	North Whitehall Township	Lehigh			\$2,100,000		PennDOT	Current LRTP	7
31	OBP37	<b>Easton Road Bridge</b> - Bridge rehabilitation over tributary to Delaware River	Lower Mount Bethel Township	Northampton			\$38,205		State Transportation Commission	Current LRTP	7
32	PB10	<b>Route 222 (Hamilton Boulevard)</b> - Rehabilitation/Replacement of Box Culvert over Breinig Run	Upper Macungie Township	Lehigh			\$1,950,000		PennDOT	NEW	7
33	PB15	<b>Route 2025 (Main Street)</b> - Rehabilitation/Replacement of Bridge over Little Bushkill Creek	Stockertown Borough	Northampton			\$2,500,000		PennDOT	NEW	7
34	PB28	<b>Interstate 78/State Route 309</b> - Rehabilitation/Replacement of Bridge over State Route 2010 (Fish Hatchery Rd) and Little Lehigh Creek (Lehigh Parkway)	City of Allentown	Lehigh			\$20,000,000		PennDOT	NEW	7
35	MP15	<b>Route 2025 (Main Street) Bridge</b> - Rehabilitation/Replacement of the bridge over Little Bushkill Creek	Stockertown Borough	Northampton			\$2,400,000		Stockertown Borough	NEW	7
36	OBP5	<b>Schantz Road/Tributary Cedar Creek Bridge</b> - Replacement/rehabilitation of the State Route 2015 (Schantz Road) Bridge over tributary to Cedar Creek	Upper Macungie Township	Lehigh			\$3,399,200		Transportation Improvement Program	Current LRTP	6
37	OBP20	<b>Jacksonville Road Bridge</b> - Rehabilitation/Replacement of bridge over Monocacy Creek	East Allen Township	Northampton			\$2,800,000		East Allen Township	Current LRTP	6

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38	OBP22	<b>Route 248 Bridge over Indian Creek</b> - Bridge rehabilitation or replacement near Indian Trail Park	Lehigh Township	Northampton			\$4,560,000		PennDOT	Current LRTP	6
39	OBP27	<b>Tatamy Road Bridge Replacement</b> - Over Shoeneck Creek	Palmer Township	Northampton			\$1,000,000		PennDOT	Current LRTP	6
40	OBP39	<b>Park Avenue Bridge</b> - Bridge rehabilitation over tributary to Mill Creek	Heidelberg Township	Lehigh			\$38,205		State Transportation Commission	Current LRTP	6
41	UNMET9	<b>Palm Road (Route 2029) Bridge Replacement</b> - Over Indian Creek	Lower Milford Township	Lehigh			\$5,116,950		PennDOT	Unmet Need LRTP	6
42	UNMET21	<b>Huckleberry Road (State Route 4004) Bridge Replacement</b> - Over tributary to Jordan Creek	South Whitehall Township	Lehigh			\$3,070,170		PennDOT	Unmet Need LRTP	6
43	UNMET31	<b>Route 143 Bridge Replacement</b> - Over tributary to Ontelaunee Creek	Lynn Township	Lehigh			\$3,070,170		PennDOT	Unmet Need LRTP	6
44	UNMET113	<b>Water Street Culvert</b> - East end of Eberhart Road at Water Street and adjacent to Lehigh River	Whitehall Township	Lehigh			\$204,678		Whitehall Township	Unmet Need LRTP	6
45	PB4	<b>Route 143 (Kings Highway)</b> - Rehabilitation/Replacement of Box Culvert over Tributary to Ontelaunee Creek	Lynn Township	Lehigh			\$975,000		PennDOT	NEW	6
46	PB7	<b>Route 611 (Lackawanna Trail)</b> - Rehabilitation/Replacement of Box Culvert over Tributary to Delaware River	Williams Township	Northampton			\$1,040,000		PennDOT	NEW	6
47	PB25	<b>Route 1002 (Union Boulevard)</b> - Rehabilitation/Replacement of Bridge over Abandoned Railroad	City of Allentown	Lehigh			\$3,400,000		PennDOT	NEW	6
48	PB26	<b>Route 2010 (Fish Hatchery Road)</b> - Rehabilitation/Replacement of Bridge over Little Lehigh Creek	City of Allentown	Lehigh	\$2,400,000				PennDOT	NEW	6
49	MP167	<b>Wood Street Bridge</b> - Rehabilitation/Replacement of the bridge over Catasauqua Creek	Catasauqua Borough	Lehigh			\$1,100,000		Catasauqua Borough	NEW	6
50	OBP2	<b>Limeport Pike over Saucon Creek Bridge</b> - Replacement/rehabilitation of the State Route 2029 (Limeport Pike) Bridge over tributary to Saucon Creek	Upper Saucon Township	Lehigh			\$750,000		Transportation Improvement Program	Current LRTP	5
51	OBP21	<b>Kecks Bridge</b> - Rehabilitation/Replacement of the bridge carrying Keystone Road over the Little Lehigh Creek	Salisbury Township	Lehigh			\$10,233,899		Lehigh County	Current LRTP	5
52	OBP29	<b>Limeport Pike Bridge Replacement</b> - Over Hosensack Creek	Lower Milford Township	Lehigh	\$1,950,000				PennDOT	Current LRTP	5

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53	OBP32	<b>Male Road Bridge</b> - Rehabilitation/Replacement of bridge carrying Male Road over a Tributary to the Bushkill Creek between State Route 512 (Broadway) and the State Route 33 overpass	Wind Gap Borough	Northampton			\$4,093,560		Wind Gap Borough	Current LRTP	5
54	OBP34	<b>Coffeetown Road Bridge Replacement</b> - Over Coplay Creek	North Whitehall Township	Lehigh			\$1,050,000		PennDOT	Current LRTP	5
55	UNMET1	<b>State Route 611 Retaining Wall</b> - Along Delaware River Canal and Delaware River	City of Easton	Northampton			\$17,309,731		PennDOT	Unmet Need LRTP	5
56	PB5	<b>Route 248 (Lehigh Drive)</b> - Rehabilitation/Replacement of Box Culvert over Tributary to Bertsch Creek	Lehigh Township	Northampton			\$1,020,000		PennDOT	NEW	5
57	PB8	<b>Route 987 (Monocacy Drive)</b> - Rehabilitation/Replacement of Box Culvert over Branch of Monocacy Creek	Moore Township	Northampton			\$1,260,000		PennDOT	NEW	5
58	PB11	<b>Route 309</b> - Rehabilitation/Replacement of Box Culvert over Tributary to Kistler Creek	Upper Saucon Township	Lehigh			\$2,140,000		PennDOT	NEW	5
59	PB12	<b>Route 512 (Broadway)</b> - Rehabilitation/Replacement of Box Culvert over Tributary to Bushkill Creek	Wind Gap Borough	Northampton			\$1,400,000		PennDOT	NEW	5
60	PB16	<b>Route 1014 (Lehigh Street)</b> - Rehabilitation/Replacement of Bridge over Coplay Creek	Whitehall Township	Lehigh			\$2,400,000		PennDOT	NEW	5
61	PB18	<b>Route 1016 (Church Road)</b> - Rehabilitation/Replacement of Bridge over Tributary to Bushkill Creek	Plainfield Township	Northampton	\$1,450,000				PennDOT	NEW	5
62	PB19	<b>Route 100</b> - Rehabilitation/Replacement of Bridge over Hassen Creek	Upper Macungie Township	Lehigh			\$1,920,000		PennDOT	NEW	5
63	PB20	<b>Route 143 (Kings Highway)</b> - Rehabilitation/Replacement of Bridge over Ontelaunee Creek	Lynn Township	Lehigh			\$1,550,000		PennDOT	NEW	5
64	PB21	<b>Route 412 (Main Street)</b> - Rehabilitation/Replacement of Bridge over Tributary to Saucon Creek	Hellertown Borough	Northampton			\$2,250,000		PennDOT	NEW	5
65	PB23	<b>Route 2017 (Mauch Chunk Road)</b> - Rehabilitation/Replacement of Bridge over Coplay Creek	North Whitehall Township	Lehigh			\$1,700,000		PennDOT	NEW	5
66	PB30	<b>Route 3001 (Spring Creek Road)</b> - Rehabilitation/Replacement of Bridge over Little Lehigh Creek	Lower Macungie Township	Lehigh			\$2,500,000		PennDOT	NEW	5

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67	MP7	<b>Male Road Bridge</b> - Rehabilitation/Replacement of bridge carrying Male Road over a tributary to the Bushkill Creek between Route 512 (Broadway) and the Route 33 overpass	Wind Gap Borough	Northampton			\$1,008,729		Wind Gap Borough	NEW	5
68	MP19	<b>Northampton County Bridge #200</b> - Rehabilitation/Replacement of Columbus Street bridge over Roseto Creek	Roseto Borough	Northampton			\$2,600,000		Northampton County	NEW	5
69	MP23	<b>Northampton County Bridge #212</b> - Rehabilitation/Replacement of the Sand Pit Road Bridge over Jacoby Creek	Upper Mount Bethel Township	Northampton			\$1,950,000		Northampton County	NEW	5
70	MP67	<b>Devonshire Bridge</b> - Rehabilitation/Replacement of the bridge carrying Devonshire Road over the Little Lehigh Creek	City of Allentown	Lehigh			\$3,250,000		Lehigh County	NEW	5
71	MP77	<b>Jacksonville Road (Route 22 Bridge)</b> - Rehabilitation/Replacement of bridge carrying Route 22 over Jacksonville Road to improve safety, mitigate congestion and enhance multimodal opportunities along Jacksonville Road	Hanover Township	Northampton			\$20,000,000		Hanover Township, Northampton County	NEW	5
72	MP174	<b>Route 4019 (Bake Oven Road) Bridge</b> - Rehabilitation/Replacement of bridge over Tributary to Jordan Creek	Heidelberg Township	Lehigh			\$12,500,000		Heidelberg Township	NEW	5
73	MP178	<b>Lower Saucon Road Bridge</b> - Rehabilitation/Replacement of Lower Saucon Road over East Branch of Saucon Creek owned by Northampton County	Lower Saucon Township	Northampton			\$1,550,000		Lower Saucon Township	NEW	5
74	OPRR19	<b>Cedar Crest Boulevard/Route 222 Culvert Replacement</b> - Replace pipe/culvert under Cedar Crest Boulevard near Burger King	South Whitehall Township	Lehigh			\$1,179,952	\$224,753	PennDOT	Current LRTP	4
75	OBP28	<b>Kings Highway Bridge Replacement</b> - Over tributary to Hosensack Creek	Lower Milford Township	Lehigh			\$1,470,000	\$280,000	PennDOT	Current LRTP	4
76	OBP30	<b>Northampton County Bridge #149</b> - Rehabilitation/Replacement of the Cedar Drive Bridge over Indian Creek	Lehigh Township	Northampton			\$4,298,238	\$818,712	Northampton County	Current LRTP	4
77	OBP41	<b>Airport Road Bridge</b> - Bridge rehabilitation over abandoned railroad	East Allen Township	Northampton			\$8,400,000	\$1,600,000	State Transportation Commission	Current LRTP	4
78	UNMET11	<b>Keystone Street Bridge</b> - Over Nancy Run	Bethlehem Township	Northampton			\$3,438,590	\$654,970	Bethlehem Township	Unmet Need LRTP	4
79	UNMET14	<b>Saeger's Quarry Bridge</b> - Rehabilitation/Replacement of bridge carrying County Bridge Road over Trout Creek	Washington Township	Lehigh			\$6,017,533	\$1,146,197	Lehigh County	Unmet Need LRTP	4



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80	UNMET16	<b>Lehigh Street (Route 2018) Bridge Replacement</b> - Over Swabia Creek	Macungie Borough	Lehigh			\$3,438,590	\$654,970	PennDOT	Unmet Need LRTP	4
81	UNMET20	<b>Werleys Corner Road (State Route 4019) Bridge Replacement</b> - Over Sweitzer Creek	Lowhill Township	Lehigh			\$5,157,885	\$982,454	PennDOT	Unmet Need LRTP	4
82	UNMET27	<b>Limeport Pike (Route 2029) Bridge Replacement</b> - Over Tributary to Hosensack Creek	Lower Milford Township	Lehigh			\$3,438,590	\$654,970	PennDOT	Unmet Need LRTP	4
83	PB3	<b>Route 4009 (Newside Road)</b> - Rehabilitation/Replacement of Box Culvert over Tributary to Mill Creek	Heidelberg Township	Lehigh			\$819,000	\$156,000	PennDOT	NEW	4
84	PB6	<b>Route 4014 (Neffs Laurys Road)</b> - Rehabilitation/Replacement of Box Culvert over Fells Creek	North Whitehall Township	Lehigh			\$810,600	\$154,400	PennDOT	NEW	4
85	PB9	<b>Route 1016 (Delabole Road)</b> - Rehabilitation/Replacement of Box Culvert over Waltz Creek	Plainfield Township	Northampton			\$1,071,000	\$204,000	PennDOT	NEW	4
86	PB14	<b>Route 2001 (Lower Saucon Road)</b> - Rehabilitation/Replacement of Bridge over East Branch of Saucon Creek	Lower Saucon Township	Northampton	\$1,550,000				PennDOT	NEW	4
87	PB24	<b>Route 2045 (Main Street)</b> - Rehabilitation/Replacement of Bridge over Tributary to Saucon Creek	Coopersburg Borough	Lehigh			\$1,654,800	\$315,200	PennDOT	NEW	4
88	PB29	<b>Route 3004 (Hill Top Road)</b> - Rehabilitation/Replacement of Bridge over Little Lehigh Creek	Lower Macungie Township	Lehigh			\$1,890,000	\$360,000	PennDOT	NEW	4
89	MP20	<b>Northampton County Bridge #132</b> - Rehabilitation/Replacement of Stone Bridge Road over Hokendauqua Creek	Allen Township	Northampton			\$2,562,000	\$488,000	Northampton County	NEW	4
90	MP21	<b>Northampton County Bridge #228</b> - Rehabilitation/Replacement of Middletown Road Bridge over Nancy Run Creek	Bethlehem Township	Northampton			\$2,478,000	\$472,000	Northampton County	NEW	4
91	MP44	<b>Church Street Bridge</b> - Rehabilitation/Replacement of bridge carrying Church Street over Swabia Creek from Lower Macungie Township to Alburtis Borough	Lower Macungie Township	Lehigh			\$840,000	\$160,000	Alburtis Borough	NEW	4

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92	MP47	<b>Route 611 (Delaware Avenue) Bridge -</b> Rehabilitation/Replacement of bridge carrying State Route 611 (Delaware Avenue) over Jacoby Creek	Portland Borough	Northampton			\$2,024,400	\$385,600	Portland Borough	NEW	4
93	MP86	<b>Mosserville Bridge -</b> Rehabilitation/Replacement of Bridge carrying Springhouse Road over Ontelaunee Creek	Lynn Township	Lehigh			\$4,485,118	\$854,308	Lehigh County	NEW	4
94	MP148	<b>Township Line Road Bridge -</b> Rehabilitation/Replacement of bridge over Haasen Creek	Upper Macungie Township	Lehigh			\$840,000	\$160,000	Upper Macungie Township	NEW	4
95	MP171	<b>Route 4022 (Best Station Road) Bridge -</b> Rehabilitation/Replacement of bridge over Trout Creek	Heidelberg Township	Lehigh			\$1,260,000	\$240,000	Heidelberg Township	NEW	4
96	MP173	<b>Route 4024 (Mountain Road) Bridge -</b> Rehabilitation/Replacement of bridge at State Route 4029 (Hawk View Road) over Tributary of the Jordan River	Heidelberg Township	Lehigh			\$798,000	\$152,000	Heidelberg Township	NEW	4
97	MP177	<b>Lower Saucon Road Bridge -</b> Rehabilitation/Replacement of Lower Saucon Road over East Branch of Saucon Creek	Lower Saucon Township	Northampton			\$1,344,000	\$256,000	Lower Saucon Township	NEW	4
98	OBP26	<b>Northampton County Bridge #31 -</b> Rehabilitation/Replacement of the Depues Road Bridge over Oughoughton Creek	Lower Mount Bethel Township	Northampton			\$1,680,000	\$4,460,340	Northampton County	Current LRTP	3
<b>Budget Cut Off Point: Unmet Needs Below</b>											
99	UNMET5	<b>Rex's Covered Bridge -</b> Rehabilitation of bridge carrying Jordan Road over the Jordan Creek	North Whitehall Township	Lehigh				\$10,233,900	Lehigh County	Unmet Need LRTP	3
100	UNMET12	<b>Ruhetown Bridge -</b> Bridge carrying Jordan Road over Jordan Creek	Lowhill Township	Lehigh				\$8,187,120	Lehigh County	Unmet Need LRTP	3
101	UNMET32	<b>Long's Bridge -</b> Rehabilitation/Replacement of bridge carrying Allemaengel Road over Ontelaunee Creek	Lynn Township	Lehigh				\$20,467,799	Lehigh County	Unmet Need LRTP	3
102	PB17	<b>Route 4040 (Kistler Valley Road) -</b> Rehabilitation/Replacement of Bridge over Switzer Creek	Lynn Township	Lehigh				\$1,700,000	PennDOT	NEW	3
103	PB27	<b>Route 4004 (Penn Allen Road) -</b> Rehabilitation/Replacement of Bridge over Tributary to Monocacy Creek	Upper Nazareth Township	Northampton				\$1,220,000	PennDOT	NEW	3
104	MP68	<b>North Habea Street Bridge -</b> Rehabilitation/Replacement of the Bridge carrying North Habea Street over the Catasauqua Creek	East Allen Township	Northampton				\$3,000,000	East Allen Township	NEW	3

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105	MP69	<b>Emerald Bridge #2</b> - Rehabilitation/Replacement of the bridge carrying Center Street over Trout Creek	Washington Township	Lehigh				\$1,500,000	Lehigh County	NEW	3
106	MP159	<b>Reservoir Road Stormwater Pipe</b> - Rehabilitation/Replacement of stormwater facilities pipe on Reservoir Road	Heidelberg Township	Lehigh				\$1,400,000	Heidelberg Township	NEW	3
107	MP164	<b>Country Road Bridge</b> - Rehabilitation/Replacement of bridge over unnamed waterway	Heidelberg Township	Lehigh				\$950,000	Heidelberg Township	NEW	3
108	MP170	<b>Werleys Corner Court Bridge</b> - Rehabilitation/Replacement of existing pipe with a modern bridge or concrete box culvert to accommodate stormwater control infrastructure	Heidelberg Township	Lehigh				\$950,000	Heidelberg Township	NEW	3
109	MP176	<b>Bingen Road Bridge</b> - Rehabilitation/Replacement of Bingen Road bridge over Saucon Creek near Coal Yard Road	Lower Saucon Township	Northampton				\$3,250,000	Lower Saucon Township	NEW	3
110	MP181	<b>Hollenbach Road Bridge Expansion</b> - Reconstruction of bridge over Jordan Creek to widen for 1 1/2 lanes to 2 lanes	Lowhill Township	Lehigh				\$1,000,000	Citizen (Farmer)	NEW	3
111	UNMET17	<b>Wehr's Dam Covered Bridge</b> - Rehabilitation of covered bridge carrying Wehr Mill Road over Jordan Creek	South Whitehall Township	Lehigh				\$10,233,900	Lehigh County	Unmet Need LRTP	2
112	UNMET22	<b>Oswald's Bridge</b> - Rehabilitation/Replacement of bridge carrying Gun Club Road over Ontelaunee Creek	Lynn Township	Lehigh				\$10,233,900	Lehigh County	Unmet Need LRTP	2
113	UNMET23	<b>Brookdale Road (Route 3007) Bridge Replacement</b> - Over Breinig Run	Upper Macungie Township	Lehigh				\$3,070,170	PennDOT	Unmet Need LRTP	2
114	MP61	<b>Blose's Bridge</b> - Rehabilitation/Replacement of the bridge carrying Furnace Street over Trout Creek	Washington Township	Lehigh				\$1,250,000	Lehigh County	NEW	2
115	MP74	<b>Kocher's Bridge</b> - Rehabilitation/Replacement of the bridge carrying Hollenbach Road over the Jordan Creek	Lowhill Township	Lehigh				\$3,250,000	Lehigh County	NEW	2
116	MP152	<b>Buckery Road Bridge</b> - Rehabilitation/Replacement of bridge carrying Buckery Road over Jordan Creek	Heidelberg Township	Lehigh				\$750,000	Heidelberg Township	NEW	2

## LRTP Bridge Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
117	MP158	<b>Mantz Road Bridge</b> - Rehabilitation/Replacement of bridge carrying Mantz Road over Jordan River	Heidelberg Township	Lehigh				\$1,800,000	Heidelberg Township	NEW	2
118	MP162	<b>Reidy Mill Road Bridge</b> - Rehabilitation/Replacement of bridge over Jordan Creek	Heidelberg Township	Lehigh				\$950,000	Heidelberg Township	NEW	2
119	UNMET10	<b>Northampton County Bridge #8</b> - Bridge carrying Kressman Road over Fry's Run Creek	Williams Township	Northampton				\$16,374,240	Northampton County	Unmet Need LRTP	1
120	UNMET18	<b>Ulrich's Mill Bridge</b> - Rehabilitation/Replacement of bridge carrying Ulrich Mill Road over Ontelaunee Creek	Lynn Township	Lehigh				\$10,233,900	Lehigh County	Unmet Need LRTP	1
121	MP75	<b>Kressley's Bridge</b> - Rehabilitation/Replacement of the bridge carrying Kressley Road over a branch of the Lyon Creek	Lowhill Township	Lehigh				\$250,000	Lehigh County	NEW	1
122	MP80	<b>Narris Road Bridge</b> - Rehabilitation/Replacement of bridge carrying Narris Road over Switzer Creek	Lowhill Township	Lehigh				\$1,500,000	Lowhill Township	NEW	1
123	MP81	<b>Old Village Road and Farrier Road Intersection Culvert</b> - Rehabilitation/Replacement of the culvert carrying Farrier Road over a branch of Cherith Brook	Lowhill Township	Lehigh				\$550,000	Lowhill Township	NEW	1
124	MP82	<b>Church Road and Farrier Road Intersection Culvert</b> - Rehabilitation/Replacement of the culvert carrying Church Road over Cherith Brook	Lowhill Township	Lehigh				\$575,000	Lowhill Township	NEW	1
125	MP83	<b>Country Spring Road Bridge</b> - Rehabilitation/Replacement of the abutments for the bridge carrying Country Spring Road over Switzer Creek	Lowhill Township	Lehigh				\$45,000	Lowhill Township	NEW	1
126	MP85	<b>Church Road Culvert</b> - Replacement of existing pipe that serves Church Road near Christmas Tree Drive with a concrete culvert	Lowhill Township	Lehigh				\$575,000	Lowhill Township	NEW	1
127	MP161	<b>Jones Road Bridge</b> - Rehabilitation/Replacement	Heidelberg Township	Lehigh				\$250,000	Heidelberg Township	NEW	1
128	MP163	<b>Bachman Road Bridge</b> - Rehabilitation/Replacement of bridge over branch of Jordan Creek	Heidelberg Township	Lehigh				\$950,000	Heidelberg Township	NEW	1

## L RTP Multimodal Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
0	LVTS7	<b>Transportation Alternative Set -</b> Aside Line Item	Various	Lehigh and Northampton	\$6,514,000	\$10,360,000	\$23,692,906.74	LVTS		R
1	OMP17	<b>North and South New Street and Fahy Bridge</b> - Improve bicycle and pedestrian access by installing separated bike lanes and a shared use path from Washington Avenue to South Bethlehem Greenway. Also, investigate modifications to the Fahy Bridge or construction of a separate bicycle/pedestrian bridge across the Lehigh River	City of Bethlehem	Northampton			\$1,408,287.00	LVTS	Current LRTP	21
2	OMP11	<b>Hanover Avenue and Hamilton Street Bridge Pedestrian</b> - Improving bicycle and pedestrian accessibility via separated bike lanes, multi use paths, and traffic calming from North 6th Street to Union Boulevard	City of Allentown	Lehigh			\$2,944,600.00	LVTS	Current LRTP	20
3	OMP14	<b>MacArthur Road/7th Street</b> - Traffic calming and pedestrian infrastructure improvements such as crosswalk installation and filling in sidewalk gaps from Union Street to Schadt Avenue	Whitehall Township	Lehigh			\$2,654,407.00	LVTS	Current LRTP	20
4	MP140	<b>South Whitehall Pedestrian Crossing Enhancements</b> - Upgrades to pedestrian facilities across the Township including ADA modernization, traffic control warning devices and lightening	South Whitehall Township	Lehigh		\$1,118,000.00		South Whitehall Township	NEW	19
5	OMP16	<b>Hamilton Street</b> - Creating separated bicycle lanes, improving trail crossing at Yocco Drive intersection, and lane restriping from 6th to 26th Street	Allentown City	Lehigh			\$1,971,601.00	LVTS	Current LRTP	18
7	OMP7	<b>South Eighth Street/Mack Boulevard/Emmaus Avenue/Main Street</b> - Install and restripe bicycle lanes to improve cyclist accessibility from Hamilton Street to Emmaus Triangle	Emmaus Borough, City of Allentown	Lehigh			\$4,387,027.00	LVTS	Current LRTP	15
8	MP112	<b>Hamilton Street Bridge Trail Connection</b> - Study, design and construction to connect the Lehigh Landing area on the western side of the Lehigh River to the D&L Trail on the eastern side utilizing the Hamilton Street Bridge. (PennDOT bridge Key ID 23510)	City of Allentown	Lehigh		\$2,000,000.00		City of Allentown	NEW	15
9	OPRR11	<b>MacArthur Road Multimodal Access</b> - Conduct study and implement alternative mobility options on MacArthur Road (Route 145) from Tilghman Street to Mechanicsville Road	Whitehall Township, City of Allentown	Lehigh			\$22,514,579.00	Whitehall Township	Current LRTP	15
10	MP30	<b>Community Bike Works Bike Education Programs</b> - Full range of bicycle education programs out of Allentown, East Allentown and Easton West Ward Bike Hubs including in school programs in Allentown, Bethlehem and Easton	Various	Lehigh and Northampton		\$1,200,000.00		Community Bike Works	Current LRTP	14
11	MP114	<b>Union Street Portal Parks</b> - Multimodal enhancements and gateways to various trail networks within the city	City of Allentown	Lehigh		\$300,000.00		City of Allentown	NEW	14

## LRTP Multimodal Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
12	MP118	<b>Lehigh Landings</b> - Construction of a trailhead and trails to connect the Riverfront Development, D&L Trail, Jordan Creek Greenway and MLK Trail networks	City of Allentown	Lehigh		\$600,000.00		City of Allentown	NEW	14
13	OMP12	<b>Liberty Street</b> - Streetscape improvements and implementing traffic calming strategies such as speed humps, pavement markings, and mini traffic circles, to prioritize walking and biking over traffic, from Cedar Crest Boulevard to Jordan Creek	City of Allentown	Lehigh			\$2,901,925.00	LVTS	Current LRTP	13
14	OMP13	<b>Broad Street Multimodal Project</b> - Hanover Avenue to Stefko Boulevard - Construct improvements as recommended in the Broad Street Active Transportation Plan of 2021	City of Bethlehem	Northampton			\$2,722,688.00	LVTS and City of Bethlehem	Current LRTP	13
15	OMP15	<b>Northampton Street</b> - Redesigning intersections to calm traffic and provide better fields of vision for both drivers and non-motorists, along with creating separated bike lanes from Greenwood Avenue to Larry Holmes Drive	City of Easton	Northampton			\$2,603,198.00	LVTS	Current LRTP	13
16	OMP2	<b>Traffic-Calming and Pedestrian Accommodation Improvements</b> - Northampton Street from 7th Street to 15th Street and 13th Street from Butler Street to Jackson Street	City of Easton	Northampton			\$16,374,239.00	City of Easton	Current LRTP	12
17	OMP8	<b>Route 512</b> - Improving multimodal access by creating shared used paths, bicycle lanes, shoulder improvements, and reconfiguring trailhead access from Buss Street to Main Street	Bangor, Pen Argyl Boroughs, Plainfield, Washington Townships	Northampton			\$4,267,536.00	LVTS	Current LRTP	12
18	MP116	<b>Gordon Street Pedestrian and Bicycle Improvements</b> - Create multimodal connections to Jordan Creek Greenway, Jordan meadows and Bucky Boyle Park	City of Allentown	Lehigh		\$1,100,000.00		City of Allentown	NEW	12
19	MP117	<b>Auburn Cross Trails</b> - Creation of trails following the Auburn Cross Trails Master Plan by the City of Allentown	City of Allentown	Lehigh		\$5,500,000.00		City of Allentown	NEW	12
20	OMP22	<b>Educational Programming</b> - In City of Easton, Palmer Township, Forks Township, Martins Creek, parts of Lower Mount Bethel Township, (Elementary and Middle Schools of Easton Area School District), Nazareth Borough, Lower Nazareth Township, Upper Nazareth Township, local community centers and public events, Lower Macungie Township, City of Bethlehem, City of Allentown	City of Allentown, City of Bethlehem, City of Easton, Nazareth Borough, Palmer, Forks, Lower Mount Bethel Township, Lower Nazareth, Upper Nazareth and Lower Macungie Townships	Lehigh and Northampton			\$153,509.00	Coalition for Appropriate Transportation	Current LRTP	11

## L RTP Multimodal Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
21	OMP24	<b>Educational Programming</b> - Focused in urban and suburban municipalities, including: City of Easton, Palmer Township, Forks Township, Nazareth Borough, Lower Nazareth Township, Upper Nazareth Township, local community centers and public events, Lower Macungie Township, City of Bethlehem and City of Allentown	City of Allentown, City of Bethlehem, City of Easton, Nazareth Borough, Palmer, Forks, Lower Mount Bethel Township, Lower Nazareth, Upper Nazareth and Lower Macungie Townships	Lehigh, Northampton			\$130,892.00	Coalition for Appropriate Transportation	Current LRTP	11
22	OMP27	<b>Educational Programming</b> - Focused in urban and suburban municipalities	Various	Lehigh and Northampton			\$51,169.00	Coalition for Appropriate Transportation	Current LRTP	11
23	UNMET 134	<b>William Penn Highway/Easton Avenue</b> - One way separated bike lanes, landscaped medians, traffic calming measures, Americans with Disabilities Act compliant crosswalks	Bethlehem Township	Northampton			\$4,310,211.54	LVTS	Unmet Need LRTP	11
24	OMP5	<b>West Broad Street Between Main Street and 13th Avenue</b> - Improvements including bumpouts, medians, angled parking, etc. to increase pedestrian safety and slow traffic on Broad Street	City of Bethlehem	Northampton			\$1,023,390.00	City of Bethlehem	Current LRTP	10
25	MP39	<b>Route 412 (Main Street) and Route 2002 (Polk Valley Road) Improvements</b> - Construction of new sidewalk to connect to the Saucon Rail Trail and the installation of a new traffic signal	Hellertown Borough	Northampton		\$500,000.00		Hellertown Borough	NEW	10
26	MP127	<b>Martin Luther King, Jr. Drive Pedestrian Improvements</b> - Improve multimodal transportation infrastructure along the corridor including Americans with Disabilities Act ramps, traffic control devices and crosswalks	City of Allentown	Lehigh		\$300,000.00		City of Allentown	NEW	10
27	UNMET 133	<b>West Ward/Karl Stirner Arts Trail Connection</b> - 12th Street/Chidsey Street/13th Street - Streetscape enhancements, street trees, curb extensions, lighting, shared lane markings, speed humps and pedestrian refuge islands	City of Easton	Northampton			\$623,060.28	LVTS	Unmet Need LRTP	9
28	MP34	<b>Fountain Hill Borough Pedestrian Improvements</b> - Rehabilitation of deteriorating curbs and sidewalks along Route 2002 (Broadway)	Fountain Hill Borough	Lehigh		\$1,300,000.00		Fountain hill Borough	NEW	9
29	MP115	<b>Martin Luther King Jr. Trail Extension</b> - Construct the next phase of the MLK trail network to connect from the corridor to Cedar Creek Parkway trail network to facilitate multimodal transportation opportunities	City of Allentown	Lehigh		\$500,000.00		City of Allentown	NEW	9
30	MP120	<b>Route 1007 (Dauphin Street) Sidewalks</b> - Installation of pedestrian infrastructure from State Route 1002 (Tilghman Street) to Bradford Street	City of Allentown	Lehigh		\$400,000.00		City of Allentown	NEW	9

## L RTP Multimodal Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
31	OMP6	<b>Delaware and Lehigh Trail Gap Closure</b> - West side of Lehigh River, Whitehall Township, adjacent to the Riverside Drive Extension complete street project, from Wood Street to Lehigh Avenue, and continuing north to Route 329	Whitehall Township, Coplay Borough	Lehigh			\$5,219,289.00	LVTS/Delaware and Lehigh National Heritage Corridor	Current LRTP	8
32	UNMET 137	<b>Let's Connect Easton</b> - Trail connecting Hackett Park with Karl Stirner Arts Trail	City of Easton	Northampton			\$725,481.15	LVTS	Unmet Need LRTP	8
33	UNMET 138	<b>South Bethlehem Greenway Trail Extension</b> - Acquire and construct 0.9-mile of Norfolk Southern rail line	City of Bethlehem, Hellertown Borough	Northampton			\$7,163,729.79	City of Bethlehem	Unmet Need LRTP	8
34	MP6	<b>Route 512 at Weona Park Pedestrian Improvements</b> - Construction of a pedestrian bridge or other infrastructure to mitigate danger and improve safety for visitors to Weona park on both sides of Route 512	Pen Argyl Borough	Northampton		\$2,000,000.00		Pen Argyl Borough	NEW	8
35	OMP10	<b>Mickley Road Pedestrian Path</b> - East of MacArthur Road, from south of the Route 22 overpass to the north, creating a pedestrian path adjacent from Mickley Road from the Olympic Garden sidewalk south of Olympic Drive north to the Hunsicker Historical Building and an interconnection to the Jordan Creek trail	Whitehall Township	Lehigh			\$3,121,339.00	Whitehall Township	Current LRTP	7
36	UNMET 135	<b>Hamilton Boulevard Corridor</b> - Traffic-calming, landscaped medians, street trees, shared-use paths, shared-lane markings and improved lighting from Lower Macungie Road to Dorney Park	Lower Macungie Township	Lehigh			\$3,217,722.28	LVTS	Unmet Need LRTP	7
37	UNMET 140	<b>Tatamy Trail Completion</b> - Construct a missing trail link north of Main Street bridge, running along Bushkill Creek, connecting to Stockertown trail	Tatamy Borough	Northampton			\$2,046,779.94	Tatamy Borough	Unmet Need LRTP	7
38	UNMET 147	<b>Butler Street (Route 2020) Streetscape Improvements</b> - South 25th Street (Route 2012) and South 15th Street	Wilson Borough	Northampton			\$3,643,268.29	Wilson Borough	Unmet Need LRTP	7
39	UNMET 154	<b>Airport Center Road &amp; Airport Road</b> - Traffic-calming and pedestrian crossing upgrades crossing Airport Road and Airport Center Shopping Center area	Hanover Township	Lehigh			\$511,694.99	Hanover Township	Unmet Need LRTP	7
40	MP28	<b>Tatamy Farms to Braden Park Trail Connection</b> - Create trail path extension from Tatamy Farms development to Main Street to Trail Head at Braden park for the Tatamy Trail	Tatamy Borough	Northampton		\$309,000.00		Tatamy Borough	NEW	7
41	MP49	<b>State Route 512 Slate Belt Multimodal Facilities</b> - Improvements including multi-use trail and bicycle facilities from Buss street to Main Street along the corridor	Bangor, Pen Argyl and Portland Boroughs, Plainfield, Lower Mount Bethel, Upper Mount Bethel and Washington Townships	Northampton		\$3,710,901.00		Bangor Borough	NEW	7



## L RTP Multimodal Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
42	MP150	<b>West Easton Trestle Bridges Removal</b> - Removal of Route 2026 (Iron Street) Trestle and Spring Street Trestle. Both structures are currently closed. Pedestrian facilities are to be constructed at the current trestle support structures adjacent to cartway of road	West Easton Borough	Northampton		\$342,720.00		West Easton Borough	NEW	7
43	MP184	<b>Route 309 Pedestrian Bridge</b> - Construction of a alternative mode of transportation multimodal bridge over Route 309 to connect residents to recreational amenities and trails on both sides of the highway	Upper Saucon Township	Lehigh		\$4,000,000.00		Upper Saucon Township	NEW	7
44	UNMET 139	<b>The West Bethlehem Rail Trail</b> - Trail connection between Allentown and Bethlehem on the 2.6-mile unused Norfolk Southern rail lines	City of Bethlehem	Lehigh			\$8,187,119.76	City of Bethlehem	Unmet Need L RTP	6
45	UNMET 141	<b>West Easton Trail Construction</b> - Complete a walking path in Wilson Borough	West Easton	Northampton			\$2,046,779.94	West Easton Borough	Unmet Need L RTP	6
46	UNMET 142	<b>Cement &amp; Limestone Quarry Trail</b> - Trail at State Route 329 to LaFarge quarry property and along Hokendauqua Creek to NorBath Trail	Northampton Borough	Northampton			\$30,701.70	Northampton Borough	Unmet Need L RTP	6
47	MP24	<b>Wilson Borough Roadway and Pedestrian Accessibility Improvements - Phase 1</b> - Reconstruction or rehabilitation of 20th Street from Butler Street to Northampton Street, and Fairview Avenue from South. 22nd Street to South. 20th Street. Project includes 21 ADA curb ramp upgrades	Wilson Borough	Northampton		\$719,484.85		Wilson Borough	NEW	6
48	MP25	<b>Wilson Borough Roadway and Pedestrian Accessibility Improvements - Phase 2</b> - Reconstruction or rehabilitation of 21st Street from Butler Street to Lehigh Street, and Lehigh Street from South. 22nd Street to South. 20th Street. Project includes nine Americans with Disabilities Act curb ramp upgrades	Wilson Borough	Northampton		\$431,856.63		Wilson Borough	NEW	6
49	MP45	<b>Route 145 and Route 248 Pedestrian and Stormwater Improvements</b> - Construction of new sidewalk and improve stormwater management	Lehigh Township	Northampton		\$500,000.00		Lehigh Township	NEW	6
50	MP139	<b>Jordan Creek Greenway Trail Construction (Segments 35-40)</b> - Continue construction of the Jordan Greenway from Lapp Road to State Route 1019 (Cedar Crest Boulevard)	South Whitehall Township	Lehigh		\$1,300,000.00		South Whitehall Township	NEW	6
51	UNMET 150	<b>Sidewalk/Ramp Reconstruction</b> - Hay Terrace, South 21st Street, Butler Street and South 24th Street	Wilson Borough	Northampton			\$236,403.08	Wilson Borough	Unmet Need L RTP	5
52	UNMET 151	<b>Wilson Borough Americans with Disabilities Act (ADA) Compliant Sidewalk Ramps</b> - 55 ADA ramps, 30 ramps along Washington Street, 21 ramps along Lehigh Street, and four ramps along 3rd Street	Wilson Borough	Northampton			\$903,141.65	Wilson Borough	Unmet Need L RTP	5
53	UNMET 152	<b>Sullivan Trail Lighting Enhancements</b> - Lighting along Sullivan Trail	Forks Township	Northampton			\$1,228,067.96	Forks Township	Unmet Need L RTP	5

## L RTP Multimodal Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
54	UNMET 143	<b>Accessible Pathways</b> - Connect Windermere Park, Oakwind Park and the Breierwood communities to the Lone Lane Park	Upper Macungie Township	Lehigh			\$219,711.59	Upper Macungie Township	Unmet Need LRTP	4
55	UNMET 144	<b>Trail Connection to Stone Hills</b> - Trail and sidewalk connections	Macungie Borough	Lehigh			\$40,935.60	Macungie Borough	Unmet Need LRTP	4
56	UNMET 146	<b>Sullivan Trail Streetscape Improvements</b> - Old Mill Road to Meco Road	Forks Township	Northampton			\$1,087,409.34	Forks Township	Unmet Need LRTP	4
57	UNMET 168	<b>Bus Shelters Along Sullivan Trail</b> - Add bus shelters along Sullivan Trail through the Township	Forks Township	Northampton			\$225,498.94	Forks Township	Unmet Need LRTP	4
58	MP26	<b>Wilson Borough Roadway and Pedestrian Accessibility Improvements Phase 3</b> - Reconstruction or rehabilitation of 38 ADA curb ramps along South 23rd Street and South 24th Street	Wilson Borough	Northampton		\$874,000.00		Wilson Borough	NEW	4
59	OMP29	<b>Crossing Safety Upgrade (Crossing)</b> - Enhance the crossing of the Forks Township Trail at the intersection of Wagon Wheel Drive and Old Mill Road	Forks Township	Northampton			\$392,981.00	Forks Township	Current LRTP	3
60	OMP30	<b>Crossing Safety Upgrade (Crossing)</b> - Enhance the crossing of the Forks Township Trail over Mitman Road	Forks Township	Northampton			\$392,981.00	Forks Township	Current LRTP	3
61	UNMET 136	<b>Catasauqua Area Trail &amp; Transit Initiative</b> - Transit initiatives for Boroughs of Catasauqua and North Catasauqua and Allen Township	Catasauqua and North Catasauqua Boroughs, Allen Township	Lehigh/Northampton			\$7,266,068.79	Catasauqua Borough/North Catasauqua Boroughs	Unmet Need LRTP	3
62	UNMET 145	<b>Pedestrian Connection in Forks Township</b> - Penn's Grant Path to the Forks Township Trail	Forks Township	Northampton			\$363,303.44	Forks Township	Unmet Need LRTP	3
63	OMP31	<b>Crossing Safety Upgrade (Crossing)</b> - Enhance the crossing of the Forks Township Trail over Wagon Wheel Drive	Forks Township	Northampton			\$392,981.00	Forks Township	Current LRTP	2

All Multimodal Projects may be eligible for the LVTS Transportation Alternative Set-Aside (TASA).

## L RTP Planning + Research Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
1	OTP4	<b>Lehigh Valley Freight Study</b>	Various	Lehigh and Northampton			\$409,356	LVTS	Current L RTP	R
2	LVTS2	<b>Study Line Item for Lehigh Valley Project studies</b>	Various	Lehigh and Northampton	\$500,000			LVTS	NEW	R
3	OMP21	<b>Citywide Study/Plan</b> - A long-term plan for the installation of safe and efficient bicycle infrastructure in the City of Bethlehem	City of Bethlehem	Lehigh and Northampton			\$409,356	City of Bethlehem	Current L RTP	25
4	OMP23	<b>Forks Township Active Transportation Plan</b> - Study the entire active transportation system within the township, including pedestrian pathways, bicycle pathways, and multimodal crossings	Forks Township	Northampton			\$135,077	Forks Township	Current L RTP	19
5	MP129	<b>New England Avenue Feasibility Study</b> - Conduct an analysis of the potential to determine the feasibility of converting the former New England Railroad rail line into a roadway	City of Allentown	Lehigh		\$150,000		City of Allentown	NEW	19
6	MP2	<b>South 25th Street Multimodal Corridor Study</b> - Plan for three phases of future multimodal transportation improvement recommendations and designs along the corridor from Park Avenue to the Lehigh River	Palmer Townships	Northampton		\$160,001		Palmer Township	NEW	17
7	OMP26	<b>Jordan Creek to Lehigh River Feasibility Study</b> - Beginning at Sumner Avenue/American Parkway and ending at the Waterfront (future Riverside Drive) to	City of Allentown	Lehigh			\$92,105	Wildlands Conservancy	Current L RTP	16
8	MP135	<b>Allentown Electric Vehicle Charging Station Plan</b> - Study Electric Vehicle charging station and infrastructure opportunities across the City	City of Allentown	Lehigh		\$50,000		City of Allentown	NEW	16
9	UNMET63	<b>Route 329 Corridor Study &amp; Plan</b> - Route 329 to identify safety issues and impacts of congestion	Various	Lehigh and Northampton			\$614,034	Northampton Borough	Unmet Need L RTP	16
10	MP58	<b>Micromobility Study for the Lehigh Valley</b> - Analyze the current state of micromobility in the region, identify potential areas for improvement, and develop strategies for promoting micromobility options in the Lehigh Valley	Various	Lehigh and Northampton		\$155,000		LVTS	NEW	15
11	MP121	<b>Route 1002 (Union Boulevard) Betterment Corridor Study</b> - Develop recommendations for multimodal improvements and streetscape enhancements along the corridor	City of Allentown	Lehigh		\$700,000		City of Allentown	NEW	15
12	MP99	<b>Hanover Avenue Corridor Study</b> - Identify multimodal improvements along the corridor from Hamilton Street Bridge over Lehigh River to Club Avenue	City of Allentown	Lehigh		\$50,000		City of Allentown	NEW	15
13	DP1	<b>22 Tomorrow Update and Implementation Plan</b> - Revise Route 22 needs assessment, goals and projects to develop funding, prioritization and implementation strategy	Various	Lehigh and Northampton		\$1,000,000		LVTS	NEW	15

## LRTP Planning + Research Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
14	UNMET42	<b>Route 191/Linden Street Corridor Study</b> - Improvements from Bethlehem to Lower Nazareth Township	Bethlehem and Lower Nazareth Townships	Northampton			\$409,356	Bethlehem Township	Unmet Need L RTP	14
15	NPT6	<b>Fiber Deployment Study</b> - Create a fiber backbone plan from PennDOT District office's to various traffic management infrastructure including traffic signals, Intelligent Transportation System (ITS) devices and for future vehicle communication needs	Various	Lehigh and Northampton		\$500,000	\$4,500,000	PennDOT	NEW	13
16	UNMET59	<b>Multimodal Improvements Study of Route 512 and Route 611 Corridors</b> - Roadway, intersection, bridge, trail improvements, bicycle and pedestrian facilities, transit facilities in the Slate Belt	Various	Northampton		\$500,000		Community Action Committee of the Lehigh Valley (CACLV) and Slate Belt Rising (CACLV Program)	Unmet Need L RTP	13
17	UNMET108	<b>Easton Avenue Corridor Study</b> - Butztown Road to 5th Street including the Butztown Road, Willow Park Road, Santee Road and Hecktown Road/5th Street intersections with Easton Avenue. Coordination of the realignment of Hecktown Road with 5th Street	Bethlehem Township	Northampton			\$409,356	Bethlehem Township	Unmet Need L RTP	13
18	UNMET120	<b>Uhler Road Corridor Study</b> - Engineering analysis of Uhler Road and its corridor within Forks Township, for hazards and potential improvements along the Uhler Road Corridor from Bushkill Creek to Richmond Road	Forks Township	Northampton			\$614,034	Forks Township	Unmet Need L RTP	13
19	MP126	<b>New England Avenue Multimodal Study</b> - Conduct an analysis to determine the feasibility of converting the former New England Railroad rail line into a Pedestrian and Bicycle connection	City of Allentown	Lehigh			\$307,017	City of Allentown	NEW	13
20	OPRR22	<b>Route 22, Route 248, &amp; 25th Street - Interchange Study</b>	Palmer Township	Northampton		\$257,600		Northampton County	Current L RTP	12
21	UNMET48	<b>Integration of Transportation in the Economic Revitalization Analysis for 2020 and Beyond</b> - Study immediate needs to sustain existing businesses, traffic and non-motorized infrastructure	Slatington Borough	Lehigh			\$94,151	Slatington Borough	Unmet Need L RTP	12
22	UNMET77	<b>Sullivan Trail Corridor Study Update</b> - Engineering and planning of the hazards, traffic counts and modeling for each intersection, community surveys, cost estimation of safe pedestrian crossings, and signalization	Forks Township	Northampton			\$409,356	Forks Township	Unmet Need L RTP	12
23	UNMET60	<b>Walbert Avenue Corridor Study</b> - Walbert Avenue (Route 1006) between Cedar Crest Boulevard and the City of Allentown	South Whitehall Township	Lehigh			\$307,017	South Whitehall Township	Unmet Need L RTP	11

## LRTP Planning + Research Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
24	UNMET104	<b>Route 329 Corridor Study</b> - Project/study involves evaluating the Route 329 corridor to improve traffic flow at the two signalized intersections as well as along the corridor to improve traffic flow and to promote pedestrian and bicycle movement	Whitehall Township	Lehigh			\$409,356	Whitehall Township	Unmet Need LRTP	11
25	NPT16	<b>Stockertown and Tatamy Boroughs Corridor Studies</b> - Congestion mitigation and safety planning along State Route 191 (Main Street), State Route 2025 (Sullivan Trail) and State Route 1002 (Main Street/Uhler Road)	Stockertown and Tatamy Boroughs	Northampton		\$600,000		PennDOT	NEW	11
26	OPRR14	<b>Weaversville Curve (Phase 1)</b> - Study of State Route 1009 (Weaversville Road) curve to determine alternatives for realigning the road	East Allen and Hanover Townships	Lehigh and Northampton	\$177,675			PennDOT	Current LRTP	10
27	MP27	<b>Tatamy Borough Intersection Study</b> - Develop a plan for 8th and Main Street improvements to alleviate congestion and calm traffic	Tatamy Borough	Northampton		\$125,000		Tatamy Borough	NEW	10
28	MP52	<b>State Route 2018 (Freemansburg Avenue) and State Route 3007 (Willow Park Road) Intersection Study</b> - Create recommendations for improvements to the geometry and functionality of the intersection	Bethlehem Township	Northampton		\$1,250,000		Bethlehem Township	NEW	9
29	MP141	<b>Route 309 and Ridgeview Drive Intersection Redesign Study</b> - Redesign of the intersection including Hausman Road and Bulldog Drive	South Whitehall Township	Lehigh		\$250,000		South Whitehall Township	NEW	9
30	UNMET76	<b>One Way Pair Modification Feasibility Study</b> - Modifying existing one-way roadway between Bridge Street and Lehigh Avenue/Main Street	Whitehall Township	Lehigh			\$409,356	Whitehall Township	Unmet Need LRTP	7
31	UNMET156	<b>Non-motorized Connectivity Study</b> - Connect areas of the Borough with pedestrian, wheelchair, and bicycle friendly transportation modes	North Catasauqua Borough	Northampton			\$195,979	North Catasauqua Borough	Unmet Need LRTP	7
32	OMP19	<b>Jordan Creek Greenway at Mauch Chunk Road (State Route 1017) Bridge</b> - Preliminary engineering and study of a below-grade crossing	South Whitehall Township	Lehigh			\$941,519	South Whitehall Township	Current LRTP	5
33	OMP20	<b>Macungie Borough Trail System Connection</b> - Connection of trails to the ones in Lower Macungie along Brookside Drive	Macungie Borough	Lehigh			\$818,711	Macungie Borough	Current LRTP	5
34	UNMET90	<b>Roundabout/Intersection Realignment Study</b> - Haines Mill Road (Route 2008) with Walnut Street, Mertz Lane and Dorney Park Road	South Whitehall Township	Lehigh			\$511,695	South Whitehall Township	Unmet Need LRTP	4

L RTP Rail Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
1	OPRR4	<b>Bethlehem Corridor Safety Railroad Warning Devices</b> - Replace outdated equipment with mast arm and cantilever where Brodhead Road, Township Line Road, Christian Springs Road and Schoenersville Road meet Norfolk Southern track	City of Bethlehem, Bethlehem Township	Northampton	\$1,334,000			PennDOT	Current L RTP	0
2	OPRR9	<b>Route 512 Bath Railroad Crossing</b> - Upgrade railroad safety equipment where Midway Street crosses Norfolk Southern railway	East Allen Township	Northampton	\$326,725			PennDOT	Current L RTP	0

## LRTP Road Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
1	MP57	<b>Routes 22 and 33 and Interstate 78 Landscape Project</b> - Improvements to existing landscape infrastructure along the corridors to incorporate green spaces, public art, and sustainable design principles building on a vision from a comprehensive analysis that included local stakeholders	Various	Lehigh and Northampton		\$1,500,000			LVPC	NEW	R
2	OPRR18, LVTS3	<b>Slides + Climate Resiliency (PROTECT) Line Item</b> - Reserve line item for natural disasters, such as slides and sink holes, that may occur throughout the life-span of project planning	Various	Lehigh and Northampton		\$4,906,816			PennDOT	Current LRTP	R
3	OPRRE10	<b>Resurfacing Line Item</b> - Reserve line item for resurfacing of roads in Lehigh and Northampton Counties	Various	Lehigh and Northampton		\$4,127,567			PennDOT	Current LRTP	R
4	UNMET50	<b>Route 145/South Pike Avenue Betterment Project</b> - Improvements from Route 309 to Church Road	City of Allentown	Lehigh		\$17,397,630			PennDOT Betterment Project	Unmet Need LRTP	16
5	UNMET61	<b>Fullerton Avenue (Route 1015) Betterment Project</b> - Improvements from Front Street to First Avenue	Whitehall Township	Lehigh		\$7,573,086			PennDOT Betterment Project	Unmet Need LRTP	16
6	UNMET40	<b>Route 145/7th Street Betterment Project</b> - Improvements from Church to Fairmont	Slatington Borough	Lehigh		\$ 9,722,205			PennDOT Betterment Project	Unmet Need LRTP	14
7	UNMET91	<b>Route 33 Betterment Project</b> - Improvements from Interstate 78 to Route 22	Bethlehem Township	Northampton		\$ 20,263,121			PennDOT Betterment Project	Unmet Need LRTP	14
8	OPRRE3	<b>State Route 378 Betterment Project</b> - Colesville Road to Brighton Street	City of Bethlehem, Upper Saucon Township	Lehigh and Northampton		\$ 17,771,165			PennDOT	Current LRTP	13
9	UNMET56	<b>American Parkway</b> - Ridge Avenue to Union Street milling, paving, Americans with Disabilities Act ramps, concrete repair, striping and crosswalks	City of Allentown	Lehigh		\$1,036,347	\$10,220,943		City of Allentown	Unmet Need LRTP	13
10	OPRR7 (96424)	<b>Resurfacing of State Route 3005 (Main Street)</b> - Resurface from Route 2014 (Riverside Drive) to Route 3007 in Bethlehem and Freemansburg Borough.	City of Bethlehem and Freemansburg Borough	Northampton			\$2,000,000		PennDOT	Current LRTP	12
11	OPRR8	<b>Lehigh Street Betterment</b> - Resurface of State Route 2005 (Lehigh Street) from Route 29 to Route 145	City of Allentown, Emmaus Borough	Lehigh	\$582,452		\$8,183,504		PennDOT	Current LRTP	12
12	OPRRE1	<b>State Route 378 Betterment Project</b> - Main Street to Route 22	City of Bethlehem	Lehigh and Northampton			\$26,391,818		PennDOT	Current LRTP	12
13	NPS11	<b>Resurface Betterment of State Route 1002</b> - (Tilghman Street) from Route 100 in Upper Macungie Township, through South Whitehall Township to State Route 1007 (North Dauphin Street) in Allentown	City of Allentown, South Whitehall and Upper Macungie Townships	Lehigh			\$12,195,000		PennDOT	NEW	12

## LRTP Road Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
14	UNMET35	<b>Route 248 Betterment Project</b> - Newburg Road to 7th Street	Palmer Township	Northampton			\$8,105,248		PennDOT Betterment Project	Unmet Need LRTP	12
15	UNMET45	<b>Route 145/MacArthur Road Betterment Project</b> - Improvements from Fairmont Street to Center Street	City of Allentown	Lehigh			\$12,076,002		PennDOT Betterment Project	Unmet Need LRTP	12
16	UNMET51	<b>MacArthur Road (Route 145) Betterment Project</b> - Improvements from Center Street to Clearview Road	Whitehall Township	Lehigh			\$17,141,782		PennDOT Betterment Project	Unmet Need LRTP	12
17	UNMET64	<b>Route 22 Betterment Project</b> - Improvements from 25th Street to New Jersey State Line	City of Easton	Northampton			\$26,116,912		PennDOT Betterment Project	Unmet Need LRTP	12
18	UNMET82	<b>Route 100 Betterment Project</b> - Creamery Road to Tilghman Street	Lower Macungie Township	Lehigh			\$17,786,518		PennDOT Betterment Project	Unmet Need LRTP	12
19	UNMET92	<b>Route 33 North/South Betterment Project</b> - Route 22 to Tatamy Interchange (Route 1002)	Bethlehem and Lower Nazareth Townships	Northampton			\$22,002,884		PennDOT Betterment Project	Unmet Need LRTP	12
20	UNMET115	<b>Route 611 Betterment Project</b> - Browns Drive to Smith Avenue	Williams Township	Northampton			\$10,827,466		PennDOT Betterment Project	Unmet Need LRTP	12
21	NPS3	<b>Resurface Betterment of Route 309</b> - From Lehigh / Bucks County line in Coopersburg Borough Route 2044 (Center Valley Parkway) in Upper Saucon Township	Coopersburg Borough, Upper Saucon Township	Lehigh			\$675,109	\$13,454,891	PennDOT	NEW	11
22	NPS15	<b>Resurface Betterment of Route 2002 (Emmaus Avenue/Emmaus Avenue/Broadway)</b> - From State Avenue in Allentown to Lehigh/Northampton County line in Fountain Hill Borough	City of Allentown, Fountain Hill Borough, Salisbury Township	Lehigh			\$514,084	\$10,225,916	PennDOT	NEW	11
23	UNMET52	<b>MacArthur Road (Route 145) Betterment Project</b> - Improvements from Clearview Road to Cove Road	North Whitehall Township	Lehigh			\$538,655	\$10,718,635	PennDOT Betterment Project	Unmet Need LRTP	11
24	UNMET54	<b>Airport Road (Route 987) Betterment Project</b> - Improvements from Route 22 to Schoenersville Road	Hanover Township	Lehigh			\$368,516	\$7,306,908	PennDOT Betterment Project	Unmet Need LRTP	11



## LRTP Road Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
25	UNMET80	<b>Route 248 Betterment Project</b> - Hollo Road to Race Street (Route 329)	Lower Nazareth Township	Northampton			\$684,585	\$13,644,921	PennDOT Betterment Project	Unmet Need LRTP	11
26	UNMET81	<b>Route 100 Betterment Project</b> - Chestnut Street to Creamery Road	Lower Macungie Township	Lehigh			\$594,071	\$11,829,883	PennDOT Betterment Project	Unmet Need LRTP	11
27	UNMET83	<b>Route 100 Betterment Project</b> - Tilghman Street to Kernsville Road	Upper Macungie Township	Lehigh			\$645,599	\$12,863,148	PennDOT Betterment Project	Unmet Need LRTP	11
28	UNMET86	<b>Route 2025 Betterment Project</b> - Bushkill Drive to Main Street	Palmer Township	Northampton			\$708,793	\$14,130,361	PennDOT Betterment Project	Unmet Need LRTP	11
<b>Budget Cut Off Point: Unmet Needs Below</b>											
29	OPPRE9	<b>State Route 248 Resurfacing</b> - State Route 191 to State Route 33	Lower Nazareth Township	Northampton				\$5,198,748	State Transportation Commission	Current LRTP	10
30	UNMET53	<b>Race Street (Route 1004) Betterment Project</b> - Improvements from First Avenue to Airport Road	Hanover and Whitehall Townships, Catasauqua Borough.	Lehigh				\$11,421,032	PennDOT Betterment Project	Unmet Need LRTP	10
31	UNMET68	<b>Martin Luther King Jr. Drive</b> - Union Street to 24th Street milling, paving, American with Disabilities Act ramps, striping and crosswalks	City of Allentown	Lehigh				\$6,140,340	City of Allentown	Unmet Need LRTP	10
32	UNMET75	<b>Route 222 Betterment Project</b> - Cedar Crest Boulevard to 15th Street	City of Allentown, South Whitehall Township	Lehigh				\$11,461,968	PennDOT Betterment Project	Unmet Need LRTP	10
33	UNMET84	<b>Route 222 Betterment Project</b> - Kutztown Road to Grimm Road	Upper Macungie Township	Lehigh				\$19,833,298	PennDOT Betterment Project	Unmet Need LRTP	10
34	UNMET102	<b>Route 611 Betterment Project</b> - Bushkill Drive to Frost Hollow Road	Forks Township	Northampton				\$5,915,194	PennDOT Betterment Project	Unmet Need LRTP	10
35	UNMET107	<b>Route 309 Betterment Project</b> - Improvements from Interstate 78 to Chapmans Road	South Whitehall Township	Lehigh				\$14,961,961	PennDOT Betterment Project	Unmet Need LRTP	10

## LRTP Road Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
36	UNMET114	<b>Route 6100/Trexlerstown Road Betterment Project</b> - Trexlerstown Road to State Route 100	Upper Macungie Township	Lehigh				\$4,523,384	PennDOT Betterment Project	Unmet Need LRTP	10
37	NPS4	<b>Resurface Betterment of Route 145 (7th Street)</b> - From Washington Street to the Sumner Avenue Bridge in Allentown	City of Allentown	Lehigh				\$1,875,000	PennDOT	NEW	9
38	NPS10	<b>Resurface Betterment of Route 6222 (Hamilton Boulevard)</b> - From west of State Route 3017 (Weilers Road) to State Route 6100 (Trexlerstown Road) in Upper Macungie Township	Upper Macungie Township	Lehigh				\$1,290,000	PennDOT	NEW	9
39	MP133	<b>Sumner Avenue Betterment Project</b> - Resurfacing and ADA upgrades from American Parkway to 17th Street	City of Allentown	Lehigh				\$1,500,000	City of Allentown	NEW	9
40	UNMET41	<b>Route 512 (Main Street) Betterment Project</b> - Improvements from Main Street to State Route 611	Wind Gap, Pen Argyl and Bangor Boroughs, Plainfield and Washington Townships	Northampton				\$15,637,399	PennDOT Betterment Project	Unmet Need LRTP	9
41	UNMET55	<b>Linden Street (Route 3015) Betterment Project</b> - Improvements from Elizabeth Avenue to Old Nazareth Pike	City of Bethlehem	Northampton				\$10,520,449	PennDOT Betterment Project	Unmet Need LRTP	9
42	UNMET73	<b>Route 222/Hamilton Boulevard Betterment Project</b> - Improvements from Route 222 to Kressler Road	Lower Macungie and Upper Macungie Townships	Lehigh				\$24,049,664	PennDOT Betterment Project	Unmet Need LRTP	9
43	UNMET74	<b>Route 222 Betterment Project</b> - Grimm Road to Cedar Crest Boulevard	Upper Macungie Township	Lehigh				\$29,678,309	PennDOT Betterment Project	Unmet Need LRTP	9
44	UNMET99	<b>Route 33 Betterment Project</b> - Tatamy to Belfast	Palmer Township	Northampton				\$18,912,247	PennDOT Betterment Project	Unmet Need LRTP	9
45	UNMET100	<b>Route 33 Betterment Project</b> - Belfast to State Route 512	Plainfield Township	Northampton				\$30,169,536	PennDOT Betterment Project	Unmet Need LRTP	9
46	UNMET101	<b>Route 987 Betterment Project</b> - Orchard Lane to Race Street (Route 329)	East Allen Township	Northampton				\$5,116,950	PennDOT Betterment Project	Unmet Need LRTP	9
47	UNMET118	<b>State Route 611 Betterment Project</b> - Monroe County Line to Hester Street	Upper Mount Bethel Township	Northampton				\$9,292,381	PennDOT Betterment Project	Unmet Need LRTP	9

## LRTP Road Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
48	OPRR1	<b>Route 22 Highway Resurface/Restoration from 25th Street to Farmersville Road</b> - Highway resurface from 25th Street to Farmersville Road, including William Penn Highway and State Route 33 interchanges	Bethlehem, Palmer Townships	Northampton				\$5,922,500	PennDOT	Current LRTP	8
49	NPS13	<b>Resurface Betterment of Route 100</b> - From Alburts Road in Lower Macungie Township to Weilers Road in Upper Macungie Township	Lower Macungie Township	Lehigh				\$5,055,000	PennDOT	NEW	8
50	NPS14	<b>Resurface Betterment of Route 1019 (Cedar Crest Boulevard)</b> - From Route 1006 (Walbert Avenue) in South Whitehall Township to Route 1017 (Mauch Chunk Road) in North Whitehall Township	North Whitehall and South Whitehall Townships	Lehigh				\$4,515,000	PennDOT	NEW	8
51	NPS20	<b>Resurface Betterment of Route 248 (Riverside Drive/Bushkill Street/Pearl Street/Northampton Street)</b> - From Spring Garden Street in Easton City to State Route 2012 (South 25th Street) in Palmer Township	City of Easton, Palmer Township	Northampton				\$3,990,000	PennDOT	NEW	8
52	MP108	<b>Route 1003 Airport Road Resurfacing Betterment Project</b> - Repaving and traffic signal upgrades along the corridor and creating center turn lanes at Union Boulevard and Congress Street	City of Allentown	Lehigh				\$4,500,000	City of Allentown	NEW	8
53	UNMET111	<b>Route 33 Betterment Project</b> - Route 512 to Monroe County Line	Wind Gap Borough, Plainfield Township	Northampton				\$15,309,914	PennDOT Betterment Project	Unmet Need LRTP	8
54	UNMET112	<b>Route 309 Betterment Project</b> - Route 873/Main Street to Route 100	Heidelberg and North Whitehall Townships	Lehigh				\$11,768,985	PennDOT Betterment Project	Unmet Need LRTP	8
55	OPRRE13	<b>Walnut Street Resurfacing</b> - Mill Street to Barrall Avenue	Bath Borough	Northampton				\$1,822,405	State Transportation Commission	Current LRTP	7
56	NPS1	<b>Resurface Betterment of Route 2005 (Chestnut Street/State Avenue/Lehigh Street)</b> - From Cedar Crest Boulevard in Emmaus Borough to Street John Street in Allentown	City of Allentown, Emmaus Borough	Lehigh				\$12,480,000	PennDOT	NEW	7
57	NPS5	<b>Resurface Betterment of State Route 3012 (Schantz Road)</b> - From US 222 to Boulder Drive in Upper Macungie Township	Upper Macungie Township	Lehigh				\$5,625,000	PennDOT	NEW	7
58	NPS9	<b>Resurface Betterment of State Route 222 (Hamilton Boulevard)</b> - From Interstate 78 in South Whitehall Township to 15th Street in Allentown City	City of Allentown, South Whitehall and Lower Macungie Townships	Lehigh				\$9,300,000	PennDOT	NEW	7

## LRTP Road Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
59	MP41	<b>Resurface Betterment of Route 412 (Main Street)</b> - Repaving of Main street through the Borough of Hellertown to sustain an increase in truck traffic	Hellertown Borough	Northampton				\$4,000,000	Hellertown Borough	NEW	7
60	UNMET98	<b>Route 100 Betterment Project</b> - Kernsville Road to State Route 0309	Lowhill Township	Lehigh				\$28,163,692	PennDOT Betterment Project	Unmet Need LRTP	7
61	UNMET122	<b>Route 4003 Betterment Project</b> - Improvements from Main Street to Cherryville Road	Lehigh Township	Northampton				\$1,289,471	PennDOT Betterment Project	Unmet Need LRTP	7
62	NPS6	<b>Resurface Betterment of Route 329 (Main Street)</b> - From Route 145 (MacArthur Road) to Lehigh/Northampton County Line in Whitehall Township	Whitehall Township	Lehigh				\$1,650,000	PennDOT	NEW	6
63	NPS7	<b>Resurface Betterment of Route 6100 (Trexlerstown Road)</b> - From State Route 3001 (Spring Creek Road) in Lower Macungie Township to State Route 222 in Upper Macungie Township	Upper Macungie and Lower Macungie Townships	Lehigh				\$2,955,000	PennDOT	NEW	6
64	NPS8	<b>Resurface Betterment of State Route 2007 (Oxford Drive/24th Street)</b> - From Route 2005 (Lehigh Street) in Sailsbury Township to Route 222 (Hamilton Boulevard) in Allentown	City of Allentown, Salisbury Township	Lehigh				\$4,005,000	PennDOT	NEW	6
65	NPS12	<b>Resurface Betterment of Route 29 (Cedar Crest Boulevard)</b> - From Minesite Road in Lower Macungie Township to Interstate 78 in Salisbury Township	Lower Macungie and Salisbury Townships	Lehigh				\$1,545,000	PennDOT	NEW	6
66	NPS33	<b>Resurface Betterment of Route 378 (Wyandotte Street)</b> - From the County line at Colesville Road in Lower Saucon Township to Brighton Street in Bethlehem	City of Bethlehem, Lower Saucon Township	Northampton				\$4,520,000	PennDOT	NEW	6
67	UNMET121	<b>Route 309 Betterment Project</b> - Improvements from Route 100 to Mountain Road	Heidelberg and Lynn Townships	Lehigh				\$12,014,598	PennDOT Betterment Project	Unmet Need LRTP	6
68	NPS16	<b>Resurface Betterment of Route 1017 (19th Street/18th Street/Mauch Chunk Road)</b> - From Route 1002 (Tilghman Street) in Allentown to Route 329 (Old Post Road) in North Whitehall Township	City of Allentown, North and South Whitehall Townships	Lehigh				\$10,515,000	PennDOT	NEW	5
69	NPS21	<b>Resurface Betterment of State Route 987 (Airport Road/Chestnut St)</b> - From County line at Route 1009 (Schoenersville Road) in Hanover Township (Northampton County) to Route 329 (Nor-Bath Boulevard) in East Allen Township and from Route 248 (Northampton Street) in Bath Borough to Route 946 (Community Drive) in Moore Township.	Bath and Chapmans Boroughs, East Allen, Hanover and Moore Townships	Northampton				\$9,950,000	PennDOT	NEW	5

## LRTP Road Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
70	NPS23	<b>Resurface Betterment of State Route 329 (21st Street/Nor-Bath Boulevard/Race Street)</b> - From County Line to Route 248 (West. Main Boulevard) in Bath Borough	Bath Borough, Allen and East Allen Township	Northampton				\$10,100,000	PennDOT	NEW	5
71	NPS24	<b>Resurface Betterment of Route 2019 (13th Street/Bushkill Drive)</b> - From Route 248 (Northampton Street) in Easton City to Route 1002 (Uhler Road) in Tatamy Borough	City of Easton, Tatamy Borough, Forks Township	Northampton				\$7,220,000	PennDOT	NEW	5
72	NPS30	<b>Resurface Betterment of Route 248 (Nazareth Road)</b> - From Hollo Road in Lower Nazareth Township to South 25th Street in Palmer Township	Lower Nazareth and Palmer Townships	Northampton				\$5,070,000	PennDOT	NEW	5
73	NPS32	<b>Resurface Betterment of Route 2025 (Sullivan Trail)</b> - From Kessler'sville Road in Forks Township to Main Street in Stockertown Borough	Stockertown Borough, Forks Township	Northampton				\$4,610,000	PennDOT	NEW	5
74	NPS35	<b>Resurface Betterment of State Route 4002 (Gracedale Road)</b> - From State Route 248 (Bath Park) to State Route 191 (Broad Street) in Nazareth Borough	Nazareth Borough	Northampton				\$2,840,000	PennDOT	NEW	5
75	NPS27	<b>Resurface Betterment of Route 3017 (Weaversville Road)</b> - From County line to Bullshead Road in East Allen Township	East Allen Township	Northampton				\$3,020,000	PennDOT	NEW	4
76	NPS31	<b>Resurface Betterment of Route 2025 (Cattell Street/Knox Avenue/Sullivan Trail)</b> - From Bushkill Drive in Easton City to Kessler'sville Road in Forks Township	City of Easton, Forks Township	Northampton				\$4,170,000	PennDOT	NEW	4
77	NPS34	<b>Resurface Betterment of Route 1004 (Belvidere Road)</b> - From Route 611 (South Delaware Drive) to Delaware River at Pennsylvania/New Jersey line in Lower Mount Bethel Township	Lower Mount Bethel Township	Northampton				\$8,400,000	PennDOT	NEW	4
78	NPS36	<b>Resurface Betterment of State Route 2006 (Easton Road/Raubsville Road)</b> - From Cherry Lane Road in Hellertown Borough to State Route 611 (Lackawanna Trail) in Williams Township	Hellertown Borough, Lower Saucon and Williams Townships	Northampton				\$13,050,000	PennDOT	NEW	4
79	MP60	<b>Santee Road Improvements</b> - Stormwater management upgrades, multimodal transportation safety and traffic calming enhancements along the corridor and associated rights-of-way	Bethlehem Township	Northampton				\$5,000,000	Bethlehem Township	NEW	4
80	UNMET94	<b>Freemansburg Avenue and Willow Park Road Intersection Improvements</b> - Project would review the challenges of the current intersection geometry and provide recommended solutions that the Township would work toward implementing with PennDOT.	Bethlehem Township	Northampton				\$204,678	Bethlehem Township	Unmet Need LRTP	4
81	NPS28	<b>Resurface Betterment of Route 2032 (Northwood Avenue)</b> - From Bridlepath Road to State Route 2019 (Bushkill Drive) in Palmer Township	Palmer Township	Northampton				\$1,680,000	PennDOT	NEW	3

## LRTP Road Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
82	NPS29	<b>Resurface Betterment of Route 3017 (Howertown Road)</b> - From State Route 329 (Nor-Bath Boulevard.) to Mud Lane in Allen Township	Allen Township	Northampton				\$1,610,000	PennDOT	NEW	3
83	MP172	<b>Route 4024 (Mountain Road) Shoulder Improvements</b> - Rehabilitation of shoulders of road	Heidelberg Township	Lehigh				\$3,000,000	Heidelberg Township	NEW	3
84	MP10	<b>Smith Gap Road Improvements</b> - Resurfacing betterment of stone constructed road and safety improvements at the intersection with Skunk Road	Moore Township	Northampton				\$3,000,000	Moore Township	NEW	2
85	MP84	<b>Constitution Road and Farrier Road Embankment</b> - Construction of retaining wall to stabilize roadway and guiderails	Lowhill Township	Lehigh				\$125,000	Lowhill Township	NEW	2
86	MP166	<b>Route 4029 (Hawk View Road) Resurface Betterment</b> - Repair and paving	Heidelberg Township	Lehigh				\$10,000,000	Heidelberg Township	NEW	2
87	MP160	<b>Jones Road Stormwater Pipe</b> - Rehabilitation/Replacement of stormwater facilities pipe on Jones Road	Heidelberg Township	Lehigh				\$1,400,000	Heidelberg Township	NEW	1
88	UNMET110	<b>Route 309 Betterment Project</b> - Chapmans Road to State Route 873/Main Street	North Whitehall and South Whitehall Townships	Lehigh				\$12,628,632	PennDOT Betterment Project	Unmet Need LRTP	1

## LRTP Road Reconstruction, Modernization, Automation Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
1	LVTS1	<b>ADA Ramps Line Item</b> - Lehigh Valley wide curb cut & ramps on various highways	Various	Lehigh and Northampton		\$4,000,000			LVTS	NEW	R
2	NPT4	<b>2023 Systemic Safety Improvements</b> - Project to address ranked candidate locations for systemic lane departure safety improvements identified in PennDOT District Safety Plan	Various	Lehigh Valley		\$6,000,000			PennDOT	NEW	R
3	NPT12	<b>Lehigh Valley Intelligent Transportation Systems (ITS)</b> - Installation or replacement of Closed Circuit Television (CCTV), Dynamic Message Boards and equipment	Various	Lehigh and Northampton		\$7,000,000			PennDOT	NEW	R
4	NPT25	<b>Variable Speed Limit Technologies</b> - Implement signing to incorporate the ability to adjust speed limits on State Route 22 and Interstate 78 to improve operations and safety during inclement weather or times of congestion	Various	Lehigh and Northampton		\$5,000,000			PennDOT	NEW	R
5	LVTS4	<b>Carbon Reduction Line Item</b> - Develop Climate Action Plan. Purchase, deploy, implement and maintain Environmental Monitoring System. Implementation of Carbon Sequestration Program	Various	Lehigh and Northampton	\$5,000,000	\$5,000,000	\$10,000,000		Lehigh Valley Transportation Study	NEW	R
6	NPT27	<b>2023 Vulnerable Road User Improvements</b> - Project to address ranked candidate locations to improve safety of pedestrians, bicyclists and mobility device users	Various	Lehigh and Northampton		\$14,000,000			PennDOT	NEW	R
7	CMAQ1	<b>Lehigh County Congestion Mitigation and Air Quality Line Item</b> - Funding for transportation projects that will improve air quality and reduce traffic congestion within Lehigh County	Various	Lehigh	\$8,000,000	\$16,000,000	\$26,000,000		Lehigh Valley Transportation Study	NEW	R
8	CMAQ2	<b>Northampton County Congestion Mitigation and Air Quality Line Item</b> - Funding for transportation projects that will improve air quality and reduce traffic congestion within Northampton County	Various	Northampton	\$8,000,000	\$16,000,000	\$26,000,000		Lehigh Valley Transportation Study	NEW	R
9	CMAQ3	<b>Bus Rapid Transit (BRT) Bus Rider Infrastructure Safety Improvements</b> - Infrastructure improvements along BRT routes involving crosswalks and bus rider amenities, que jumps for traffic signalization and other infrastructure to enhance the BRT	Various	Lehigh and Northampton	\$4,000,000	\$8,000,000	\$26,000,000		Lehigh Valley Transportation Study	NEW	R
10	LVTS 5	<b>Regional Carbon Reduction Set-aside Line Item</b> - 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	Lehigh and Northampton	\$3,823,000	\$12,752,000	\$30,598,116		Lehigh Valley Transportation Study	NEW	R
11	DP2	<b>22 Tomorrow Implementation Line Item</b> - Reserve line item for the implementation of the updated 22 Tomorrow plan in Lehigh and Northampton Counties	Various	Lehigh and Northampton		\$27,780,595	\$567,170,299	\$1,108,194,445	Lehigh Valley Transportation Study	NEW	N/A
12	NPT1	<b>Traffic Management Center Upgrades</b> - Remove and upgrade existing equipment to implement individual work stations to provide more capacity and efficiency	City of Allentown	Lehigh		\$575,000			PennDOT	NEW	16

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13	MP96	<b>Allentown LED Streetlight Conversion</b> - Upgrade all pedestrian lighting infrastructure to high efficiency LED technology across the city	City of Allentown	Lehigh		\$10,000,000			City of Allentown	NEW	16
14	MP107	<b>Allentown Adaptive Traffic Systems Improvements</b> - Installation of adaptative traffic signal technologies at various intersections across the city	City of Allentown	Lehigh		\$1,500,000			City of Allentown	NEW	16
15	MP122	<b>Allentown Wayfinding Signage</b> - Implementation of recommendations for signage in the Citywide Wayfinding Plan	City of Allentown	Lehigh		\$200,000			City of Allentown	NEW	16
16	UNMET 149	<b>Emmaus Avenue Intersection Upgrades</b> - Eight intersection upgrades	City of Allentown	Lehigh		\$6,140,340			City of Allentown	Unmet Need LRTP	15
17	NPT17	<b>Route 412 Hellertown Corridor Improvements</b> - Reduce congestion and improve safety along the corridor between Commerce Center Boulevard and Cherry Lane	City of Bethlehem, Hellertown Borough	Northampton		\$9,000,000			PennDOT	NEW	15
18	NPT19	<b>Route 145 (South 4th Street/Pike Avenue) Corridor Improvements</b> - Reduce congestion and improve safety along the corridor between Route 2002 (Emmaus Avenue) in Allentown and Rock Road/Summit Lawn in Salisbury Township	City of Allentown, Salisbury Township	Lehigh		\$5,000,000			PennDOT	NEW	15
19	UNMET 119	<b>American Parkway Pedestrian Improvements</b> - Improvements at 10 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 pre-emption and transit priority green operation	City of Allentown	Lehigh		\$6,140,340			City of Allentown	Unmet Need LRTP	14
20	MP119	<b>Albert Street D&amp;L Trail "Share the Road" Corridor</b> - Traffic control and marking enhancements along Albert street near Allentown Canal Park to improve safety	City of Allentown	Lehigh		\$100,000			City of Allentown	NEW	14
21	MP134	<b>State Route 1002 (Tilghman Street/Union Boulevard)</b> - Modernization of 27 intersections along the corridor and integration with Allentown's Traffic Management Center	City of Allentown	Lehigh		\$14,500,000			City of Allentown	NEW	14
22	NPT20	<b>Route 378 (Wyandotte Street) Corridor Improvements</b> - Reduce congestion and improve safety along the corridor between Third Street to and including the "5-points" intersection at Broadway Avenue	City of Bethlehem	Northampton		\$20,000,000			PennDOT	NEW	13
23	MP154	<b>Linden Street Conversion Project</b> - 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	Northampton		\$2,023,260			City of Bethlehem	NEW	13
24	OPRRE 4	<b>Adaptive Signal Updates</b> - Intersection upgrades from South Albert Street to 31st Street	City of Allentown	Lehigh		\$13,887,402			City of Allentown	Current LRTP	12



## LRTP Road Reconstruction, Modernization, Automation Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
25	NPT9	<b>Route 2002 (Emmaus Avenue) Signal Improvements</b> - Upgrades of traffic infrastructure and timing to allow for Automated Traffic Signal Performance Measures improvements along the corridor at approximately six intersections	City of Allentown	Lehigh		\$3,500,000			PennDOT	NEW	12
26	NPT18	<b>Route 1009 (Schoenersville Road) Corridor Improvements</b> - Reduce congestion and improve safety along the corridor between Route 22 and Eaton Avenue	City of Bethlehem	Northampton		\$10,000,000			PennDOT	NEW	12
27	MP97	<b>Lehigh Street and Union Street Intersection and Corridor Improvements</b> - Installation of 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	Lehigh		\$4,500,000			City of Allentown	NEW	12
28	MP103	<b>Allentown Center Square Project</b> - Upgrades to the intersection of Hamilton Street and 7th Street, including creation of an urban plaza and multimodal transportation enhancements from the Center Square to 7th and Linden Streets	City of Allentown	Lehigh		\$824,854	\$3,675,146		City of Allentown	NEW	12
29	OPRRE 5	<b>Rectangular Rapid Flashing Beacon Installation &amp; Adaptive Signal Upgrades</b> - North Albert Street to North Wahneta Street and Hanover Avenue and East Linden Street	City of Allentown	Lehigh			\$12,357,433		City of Allentown	Current LRTP	11
30	MP71	<b>Route 987 (Airport Road) Corridor Improvements</b> - Roadway reconstruction, rehabilitation and betterment projects to address congestion, safety and functionality of the corridor from Hanoverville Road to Schoenersville Road	City of Bethlehem (LC), East Allen, Hanover Township (LC), and Hanover Township (NC) Townships	Lehigh and Northampton			\$25,000,000		Hanover Township, Northampton County	NEW	11
31	OPRRE 16	<b>American Parkway - Intersections at Hamilton Street, Linden Street &amp; Gordon Street</b> - 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	Lehigh			\$7,061,391		City of Allentown	Current LRTP	10
32	MP95	<b>Hamilton Street Hanover Avenue Corridor Study and Construction</b> - Plan for and construct turn lanes, bicycle facilities and resurfacing of the corridor from South Albert Street to Irving Street	City of Allentown	Lehigh			\$1,650,000		City of Allentown	NEW	10

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#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
33	MP142	<b>Route 1006 (Walbert Avenue) Betterment Project</b> - Corridor improvements and upgrades including Americans with Disabilities Act ramps, sidewalk installation, streetscaping and lighting/signal modernization	South Whitehall Township	Lehigh			\$8,000,000		South Whitehall Township	NEW	10
34	OPRR6	<b>Route 512 Adaptive Signal Upgrade</b> - Adaptive signal upgrades along Route 512, from Center Street to Jaindl Boulevard	Hanover Township	Northampton			\$3,028,686		PennDOT	Current LRTP	9
35	NPT21	<b>Route 222 (Jaindl Highway) at Krocks Road Intersection Improvements</b> - Reduce congestion and improve safety	Lower Macungie Township	Lehigh			\$11,000,000		PennDOT	NEW	9
36	NPT24	<b>Route 29 (Cedar Crest Boulevard) Intersection Improvements</b> - Traffic signal upgrades, additional turn lanes to improve safety and reduce congestion between State Route 2015) Minesite Road in Lower Macungie Township and North Street in Emmaus Borough	Emmaus Borough, Lower Macungie Township	Lehigh			\$8,500,000		PennDOT	NEW	9
37	MP110	<b>17th Street Corridor Traffic Signal Modernization</b> - Technology upgrades along the corridor from Hamilton Street to Chew Street	City of Allentown	Lehigh			\$550,000		City of Allentown	NEW	9
38	MP137	<b>South Whitehall Township Adaptive Traffic Signal Upgrades</b> - Upgrade all traffic signals to utilize adaptative signal control technology to mitigate congestion on major corridors	South Whitehall Township	Lehigh			\$3,300,000		South Whitehall Township	NEW	9
39	MP143	<b>Route 1002 (Tilghman Street) Improvements</b> - Widening of the corridor from Route 100 to Route 3019 (Ruppsville Road), including betterment of traffic management through traffic signal upgrades and pavement markings. Project also involves multimodal accommodations including sidewalks	Upper Macungie Township	Lehigh			\$20,000,000		Upper Macungie Township	NEW	9
40	MP144	<b>Nestle Way/Grim Road Corridor and Route 3012 (Schantz Road) Intersection Improvements</b> - Widening of 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	Lehigh			\$11,600,000		Upper Macungie Township	NEW	9
41	UNMET 106	<b>Old Route 22 &amp; Route 863 Intersection Widening</b> - Redesign and reconstruction to mitigate congestion, accommodate increased freight movements and improve overall safety and functionality	Weisenberg Township	Lehigh			\$4,093,560		Weisenberg Township	Unmet Need LRTP	9

## LRTP Road Reconstruction, Modernization, Automation Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
42	OPRR15	<b>Saint John Street Traffic Calming Improvements</b> - Bumpouts, 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	Northampton			\$12,420,554		City of Easton	Current LRTP	8
43	UNMET 148	<b>Roadway Traffic Calming Improvements</b> - Bumpouts, medians/curb realignment, and potential lane reductions along Route 2005 (Saint John Street).	City of Easton	Northampton			\$17,192,952		City of Easton	Unmet Need LRTP	8
44	NPT10	<b>Route 222 (Jaindl Highway/Hamilton Boulevard/Hamilton Street) Signal Improvements</b> - 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	Lehigh			\$9,000,000		PennDOT	NEW	8
45	MP3	<b>Route 2012 (25th Street Hill Improvements)</b> - Safety and infrastructure enhancements and reconstruction including drainage upgrades, shoulder widening, flattening of curves, intersection improvements, signage and guiderail upgrades including embankment removal	West Eason and Wilson Boroughs, Palmer Township,	Northampton			\$7,500,000		Palmer Township	NEW	8
46	MP145	<b>Route 222 (Jaindl Highway), Grim Road and Cetronia Road Intersection Improvements</b> - Replace turn lanes with "jug handle" ramps to improve safety and capacity, project also involves multimodal infrastructure including sidewalks	Upper Macungie Township	Lehigh			\$26,500,000		Upper Macungie Township	NEW	8
47	MP147	<b>Route 100 and Industrial Boulevard Intersection Improvements</b> - Widening westbound lanes of Industrial Boulevard to Route 100, project includes installation of sidewalks	Upper Macungie Township	Lehigh			\$1,200,000		Upper Macungie Township	NEW	8
48	OPRR 20	<b>Bath Adaptive Traffic Signals</b> - Install Adaptive Signals at Walnut at Northampton, Chestnut at Northampton, Main at Race and Main at Walnut street. North Walnut Street, from Barrall Avenue to Main Street; Northampton Street	Bath Borough	Northampton			\$1,380,000		PennDOT	Current LRTP	7
49	OPRR 23	<b>Main and Chestnut Street Improvements</b> - Including over 20 intersections in the corridor, street lights, red lights, crosswalk areas and signals, traffic flow, congestion, and different safety issues.	Emmaus Borough	Lehigh			\$147,864		Emmaus Borough	Current LRTP	7
50	OPRR 26	<b>Advanced Signal Coordination System</b> - Add signal coordination system for four interconnected signals, including increased signal head size with back/glare plates, and three signals along Route 512 (Barrall, Northampton and Main Streets), as well as two signals along Route 248 (South Walnut and Chestnut Streets)	Bath Borough	Northampton			\$10,000		Bath Borough	Current LRTP	7
51	UNMET 87	<b>Road Auxiliary Turn Lanes</b> - Intersection of Vera Cruz Road (Route 2023)/Oakhurst Drive (Route 2038) and Pike Avenue (Route 145)	Upper Saucon Township	Lehigh			\$3,070,170		Upper Saucon Township	Unmet Need LRTP	7

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52	NPT5	<b>Route 1019 (Cedar Crest Boulevard) Safety Improvements</b> - Implement improvements based on Road Safety Audit between Route 222 (Hamilton Boulevard.) and Chew Street	City of Allentown, South Whitehall Township	Lehigh			\$7,500,000		PennDOT	NEW	7
53	NPT8	<b>Downtown Easton Signal Improvements</b> - Upgrades of traffic infrastructure and timing to allow for Automated Traffic Signal Performance Measures improvements along Route 248 (Northampton Street) and 3rd Street at approximately 17 intersection in Easton	City of Easton	Northampton			\$8,000,000		PennDOT	NEW	7
54	NPT11	<b>Route 1002 (Tilghman Street) Signal Improvements</b> - Upgrades of traffic infrastructure and timing to allow for Automated Traffic Signal Performance Measures improvements along the corridor at approximately 22 intersections	City of Allentown, South Whitehall Township	Lehigh			\$11,000,000		PennDOT	NEW	7
55	NPT22	<b>Route 611 and Route 2026 (3rd Street/Larry Holmes Drive) Intersection Improvements</b> - Reduce congestion and improve safety	City of Easton	Northampton			\$5,500,000		PennDOT	NEW	7
56	MP111	<b>19th and Roth Avenue Intersection Improvements</b> - Pedestrian multimodal upgrades at the city gateway near the overpass of Route 22	City of Allentown	Lehigh			\$1,500,000		City of Allentown	NEW	7
57	MP155	<b>Avenue C Reconstruction</b> - Full depth reconstruction of roadway and improvement of associated stormwater drainage concerns	City of Bethlehem	Northampton			\$560,000		City of Bethlehem	NEW	7
58	OPRR5	<b>Route 309 Coopersburg</b> - Adaptive signal upgrades along Route 309	Coopersburg Borough	Lehigh			\$3,946,323		PennDOT	Current LRTP	6
59	OPRRE 2	<b>Bath Borough Turning Lanes and Signalization (Adjust \$)</b> - State Route 512 and Mill Street intersection	Bath Borough	Northampton			\$18,830,375		Lehigh Valley Transportation Study	Current LRTP	6
60	OPRRE 7	<b>Uhler Road/Sullivan Trail Intersection Improvement</b> - Construction of left turn lanes on both the westbound and eastbound approaches of Uhler Road at the intersection of Sullivan Trail	Forks Township	Northampton			\$9,415,188		Forks Township	Current LRTP	6
61	OTP1	<b>Borough of Catasauqua Downtown Commercial District Along Lehigh River</b> - Paving overlay, streetscape improvements, and traffic signal improvements	Catasauqua Borough	Northampton			\$1,504,358		Catasauqua Borough	Current LRTP	6
62	UNMET 70	<b>Americans with Disabilities Act Traffic Signalization</b> - Signalization at four intersections & 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	Northampton			\$15,350,658		Bath Borough	Unmet Need LRTP	6
63	UNMET 103	<b>Route 512 Traffic Control Improvements</b> - Install red-blinking light at Route 512 and Park Road, reduce speed throughout East Bangor along Route 512 from 35 mph to 25 mph with appropriate signage, install radar speeds at suggested locations, and install pedestrian ahead signs along Route 512	East Bangor Borough	Northampton			\$102,339		East Bangor Borough	Unmet Need LRTP	6

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64	UNMET 105	<b>Blue Mountain Drive/Breadfruit Drive Intersection Improvements</b> - Roadway realignment and/or regrading to achieve the proper slope	Lehigh Township	Northampton			\$6,140,340		Lehigh Township	Unmet Need LRTP	6
65	NPT2	<b>Route 512 Slate Belt Corridor Improvements Study and Improvements</b> - Improve Safety, reduce congestion and upgrade the corridor to accommodate all vehicle types	Wind Gap and Pen Argyl Borough, Plainfield Township	Northampton			\$15,500,000		PennDOT	NEW	6
66	NPT7	<b>Route 329 Signal Improvements</b> - Upgrade traffic infrastructure and timing to allow for Automated Traffic Signal Performance Measures improvements at eight intersections along the corridor of Route 987 (Airport Road)	Various	Lehigh			\$4,000,000		PennDOT	NEW	6
67	NPT23	<b>Route 248 (Nazareth Road) and Route 2040 (Sales Street) Intersection Improvements</b> - Reduce congestion and improve safety	Palmer Township	Northampton			\$3,000,000		PennDOT	NEW	6
68	MP64	<b>Weaversville Road Curve Improvements</b> - Roadway and intersection improvements to improve safety, functionality and connectivity for all modes of transportation from Colonial Road to South Halbea Street	East Allen and Hanover (LC) Townships	Lehigh and Northampton			\$10,000,000		East Allen Township, Hanover Township, Northampton County	NEW	6
69	MP66	<b>Route 987/Route 3023 (Airport Road) Corridor Improvements</b> - Roadway reconstruction, rehabilitation and betterment projects to address congestion, safety and functionality of the corridor from Hanoverville Road to State Route 248	East Allen Township	Northampton			\$25,000,000		East Allen Township	NEW	6
70	MP156	<b>15th Avenue Reconstruction</b> - Full depth reconstruction of roadway and improvement of associated stormwater drainage concerns	City of Bethlehem	Northampton			\$460,000		City of Bethlehem	NEW	6
71	OPRR 16	<b>Rehabilitation of Main Street</b> - (State Route 3005) from Washington Street south to the Freemansburg Bridge (over the Lehigh River)	Freemansburg Borough	Northampton			\$938,954	\$1,279,002	Freemansburg Borough	Current LRTP	5
72	OPRRE 6	<b>One Way to Two Way Conversion, Signal Retiming/Installations</b> - Center Street from Church Street to Elizabeth Avenue and Linden Street from East Fairview Street to Church Street	City of Bethlehem	Lehigh and Northampton			\$938,954	\$12,948,448	City of Bethlehem	Current LRTP	5
73	OTP2	<b>Traffic Signal Upgrades</b> - Along Broad Street at Walnut Street, Belvidere Street and Center Street	Nazareth Borough	Northampton			\$1,023,391		Nazareth Borough	Current LRTP	5
74	UNMET 69	<b>Intersection of Route 248/Route 145 and Intersection of Route 248 and Route 873</b> - Study and project construction	Lehigh Township	Northampton			\$938,954	\$9,346,114	Lehigh Township	Unmet Need LRTP	5
75	MP14	<b>Stockertown/Tatamy Bridge Replacement</b> - Reconstruction of the bridge that was previously destroyed between Tatamy Road (Tatamy Borough) and Bushkill Street (Stockertown Borough)	Stockertown Borough, Palmer Township	Northampton			\$938,954	\$2,061,046	Stockertown Borough	NEW	5
76	MP42	<b>Route 29 (Chestnut Street) and State Route 100</b> - Improve safety and alleviate congestion by redesign and reconstruction of the intersection	Upper Milford Township	Lehigh			\$938,954	\$19,061,046	Upper Milford	NEW	5

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77	MP43	<b>Route 29 (Chestnut Street) and Route 100 Truck Traffic</b>	Upper Milford Township	Lehigh			\$200,000		Upper Milford	NEW	5
78	MP101	<b>Emaus Avenue Safety Improvement Project</b> - Modernization of eight intersections along the corridor from 31st Street to South Albert Street, including Americans with Disabilities Act upgrades, transit and emergency service pre-emption technology with integration in to the city's Traffic Management Center. Evaluate the feasibility of a roundabout at Mack Boulevard and Emaus Avenue.	City of Allentown	Lehigh			\$938,954	\$1,861,046	City of Allentown	NEW	5
79	MP183	<b>Route 3022 (Old Route 22) and Kecks Road Intersection Safety Improvements</b> - Redesign and vertical curve improvements on the approaches along Route 3022	Weisenberg Township	Lehigh			\$1,000,000		Weisenberg Township	NEW	5
80	MP190	<b>Route 2005 (Lehigh Street) at 33rd Street Intersection Improvements</b> - Stormwater control measures and infrastructure upgrades to address flooding concerns	Salisbury Township	Lehigh			\$1,200,000		Salisbury Township	NEW	5
81	UNMET 65	<b>Hamilton Boulevard (Route 222) at Lincoln Avenue - Roundabout and Road Diet</b>	South Whitehall Township	Lehigh			\$938,954	\$9,294,945	South Whitehall Township	Unmet Need LRTP	5
82	UNMET 157	<b>Valley Plaza Shopping Center &amp; Bethlehem Diner Improvements</b> - Pedestrian crossings, striping/signage, upgrades to the signal, concrete and Americans with Disabilities Act ramps	Hanover Township	Lehigh			\$1,048,975		Hanover Township	Unmet Need LRTP	5
83	UNMET 157	<b>Valley Plaza Shopping Center &amp; Bethlehem Diner Improvements</b> - Pedestrian crossings, striping/signage, upgrades to the signal, concrete and Americans with Disabilities Act ramps.	Hanover Township	Lehigh			\$1,048,975		Hanover Township	Unmet Need LRTP	5
<b>Budget Cut Off Point: Unmet Needs Below</b>											
84	OTP3	<b>Signal &amp; Sign Installation</b> - Freemansburg Avenue at 9th Street and 9th Street at Hamilton Street	Bethlehem Township	Northampton				\$562,864	Bethlehem Township	Current LRTP	4
85	UNMET 79	<b>Sullivan Trail/Newlins Road Intersection</b> - Realign approaches and replace existing culverts with an enlarged box culvert	Forks Township	Northampton				\$3,070,169	Forks Township	Unmet Need LRTP	4
86	UNMET 89	<b>Auxiliary Turning Lanes and Signalization</b> - Intersection of Vera Cruz Road (Route 2023) and Lanark Road (Route 2039)	Upper Saucon Township	Lehigh				\$4,093,560	Upper Saucon Township	Unmet Need LRTP	4
87	NPT13	<b>State Route 3007 (Willow Park Road) Safety Improvements</b> - Along the corridor from State Route 2018 (Freemansburg Avenue) to State Route 2020 (Easton Avenue.) including potential turn lanes at the intersection of Freemansburg Avenue and Willow Park Road.	Bethlehem Township	Northampton				\$3,500,000	PennDOT	NEW	4
88	NPT14	<b>Route 100 (Kings Highway and Route 29 (Chestnut Street) Intersection</b> - Realignment and associated safety improvements to include a roundabout or signalized intersection	Upper Milford Township	Lehigh				\$6,500,000	PennDOT	NEW	4

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89	MP13	<b>Route 191 (Nazareth Pike) and Hecktown/Hanoverville Road Intersection Improvements</b> - Mitigate congestion and improve safety with traffic signal timing	Lower Nazareth Township	Northampton				\$750,000	Lower Nazareth Township	NEW	4
90	MP55	<b>Grape Street and 3rd Street Intersection Improvements</b> - Traffic signal modernization and improvements including Americans with Disabilities Act upgrades and a potential turning lane to alleviate congestion	Whitehall Township	Lehigh				\$2,500,000	Whitehall Township	NEW	4
91	MP186	<b>Route 2024 (Mill Road) and Route 2045 (Main Street) Intersection Improvements</b> - Redesign and reconstruction of the intersection to mitigate congestion and improve safety	Upper Saucon Township	Lehigh				\$3,000,000	Upper Saucon Township	NEW	4
92	UNMET 123	<b>Route 248 and Airport Road (Route 3023) Intersection Improvements</b> - Provide signalization, improved geometry, turning lanes and pedestrian/bicycle accommodations	East Allen Township	Northampton				\$7,163,730	East Allen Township	Unmet Need LRTP	3
93	OTP5	<b>Sullivan Trail Signalization</b> - Update signalization along portions of Sullivan Trail, between Old Mill Road and Mecco Road	Forks Township	Northampton				\$204,678	Forks Township	Current LRTP	3
94	UNMET 39	<b>Eberhart Road Jughandle Improvements</b> - Eliminate eastbound movement between Route 145 and jughandle to allow three westbound lanes and modifications to improve traffic flow	Whitehall Township	Lehigh				\$4,298,237	Whitehall Township	Unmet Need LRTP	3
95	UNMET 72	<b>Uhler Road/Kesslerstown Road Upgrade</b> - Signalization at the intersection of Uhler Road and Kesslerstown Road	Forks Township	Northampton				\$8,187,120	Forks Township	Unmet Need LRTP	3
96	UNMET 116	<b>Blue Mountain Drive (Route 4001) and State Route 946</b> - 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	Northampton				\$10,233,900	Lehigh Township	Unmet Need LRTP	3
97	NPT3	<b>Route 873 and Route 329 (Bellview Road) Intersection Improvements</b> - Safety improvements with a potential roundabout	North Whitehall Township	Lehigh				\$5,000,000	PennDOT	NEW	3
98	MP35	<b>Pen Argyl Road and Delabole Road Intersection</b> - The intersection needs additional signage, which should include solar lights to alert drivers to slow down and watch for cross traffic	Plainfield Township	Northampton				\$6,000,000	Plainfield Township	NEW	3
99	MP138	<b>Iron Bridge Road/Scherersville Road Rehabilitation</b> - Roadway stabilization along streambanks of the adjacent Jordan Creek	South Whitehall Township	Lehigh				\$2,200,000	South Whitehall Township	NEW	3
100	MP146	<b>Grim Road and Industrial Boulevard Intersection Improvements</b> - Construction of turning lanes from Grim Road onto Industrial Boulevard to mitigate congestion	Upper Macungie Township	Lehigh				\$1,450,000	Upper Macungie Township	NEW	3
101	MP165	<b>Route 4019 (Bake Oven Road) and Route 309 Intersection Improvements</b> - Sight Distance Improvements	Heidelberg Township	Lehigh				\$4,250,000	Heidelberg Township	NEW	3

## LRTP Road Reconstruction, Modernization, Automation Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
102	UNMET 125	<b>Intersection of State Route 248 (Bath Pike) and State Route 946 (Daniels Road)</b> - Updated traffic study of the Route 248/Route 946 intersection	Upper Nazareth Township	Northampton				\$8,187,120	Upper Nazareth Township	Unmet Need LRTP	2
103	OPRR21	<b>State Route 512 Realignment</b> - Straighten Route 512 in downtown. 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	Northampton				\$295,727	Bangor Borough	Current LRTP	2
104	UNMET 44	<b>Airport Road Northbound ramp from Route 22 Westbound Ramp to Postal Road/Avenue A</b> - Jughandle for left turns onto Postal Road	Hanover Township	Lehigh				\$204,678	Hanover Township	Unmet Need LRTP	2
105	UNMET 58	<b>Sullivan Trail (Route 2025)/Richmond Road (Route 2021)/Paxinosa Road Intersection Improvements</b> - Advanced warning signs and signaling devices at intersection of Sullivan Trail and Paxinosa Road	Forks Township	Northampton				\$1,023,390	Forks Township	Unmet Need LRTP	2
106	UNMET 96	<b>Sullivan Trail/Church Lane Improvements</b> - Intersection to include full signalization and a turning lane on Sullivan Trail and Church Lane	Forks Township	Northampton				\$2,967,831	Forks Township	Unmet Need LRTP	2
107	UNMET 124	<b>Route 248 and Blue Mountain Drive (Route 4001) Intersection Improvements</b> - Intersection widening to include turning lanes in all directions and traffic signal upgrades.	Lehigh Township	Northampton				\$7,163,730	Lehigh Township	Unmet Need LRTP	2
108	MP12	<b>Route 2019 (Bushkill Drive) State Route 2036 (Zucksville Road) Intersection Improvements</b> - Installation of turn lanes and traffic signal upgrades	Forks Township	Northampton				\$4,000,000	Forks Township	NEW	2
109	MP36	<b>Pen Argyll Road and Mill Road Intersection Signage</b> - The intersection needs additional signage, which should include solar lights to alert drivers to slow down and watch for cross traffic	Plainfield Township	Northampton				\$1,000,000	Plainfield Township	NEW	2
110	MP54	<b>State Route 4009 (Mill Creek Road) Improvements</b> - Reconstruction/Rehabilitation of deteriorating edge of road	Lowhill Township	Lehigh				\$3,000,000	Lowhill Township	NEW	2
111	MP169	<b>State Route 4024 (Mountain Road) and Church Road Intersection Improvements</b> - Realignment of the intersection to increase sight distance and to provide expanded turn radius	Heidelberg Township	Lehigh				\$5,000,000	Heidelberg Township	NEW	2
112	MP175	<b>Route 309 and Memorial Road Intersection Improvements</b> - Install traffic control upgrades at the intersection to improve functionality and safety	Lynn Township	Lehigh				\$2,000,000	Citizen (Farmer)	NEW	2
113	MP180	<b>Route 100 Turning Lane at Hollenbach Road</b> - Construct turning lane from northbound Route 100 onto Hollenbach Road	Lowhill Township	Lehigh				\$1,200,000	Citizen (Farmer)	NEW	2
114	MP179	<b>Route 100 Turning Lane at Lyon Valley Road</b> - Construct turning lane from northbound Route 100 onto Lyon Valley Road	Lowhill Township	Lehigh				\$1,200,000	Citizen (Farmer)	NEW	1
115		<b>Fullerton Avenue and Kimmert Avenue Intersection improvements</b> - Safety and mobility infrastructure improvements including signalization, pedestrian ADA upgrades, and Transit enhancements at State Route 1015 "Fullerton Avenue" at Kimmert Avenue.	Whitehall Township	Lehigh					PennDOT / Whitehall Township	NEW	



## L RTP Roadway Expansion Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
1	OPRR17	<b>Freight Impacts Line Item</b> - Reserve line item for freight impacts on the transportation system for projects in Lehigh and Northampton Counties	Various	Lehigh and Northampton		\$1,906,816			PennDOT	Current LRTP	R
2	PI3	<b>Interstate 78 from Route 2005 (Lehigh Street) to Route 309 South Interchange</b> - Highway Preservation/Restoration including pavement overlay and patching of existing mainline and shoulders, rehabilitation/replacement of drainage system including access ramps	City of Allentown, Salisbury and Upper Saucon Townships	Lehigh, Northampton	\$21,191,143				PennDOT	NEW	16
3	PI14	<b>Interstate 78 Corridor Safety Improvements from State Route 2002 (Emmaus Avenue) to just east of Route 309 Interchange for Center Valley</b> - Improvements include conversion of shoulders into a dual use lane on I-78 eastbound from the Route 2002 (Emmaus Avenue Interchange to the State Route 309 south split). The median barrier will be updated to add glare screens, and the drainage system will be rehabilitated and/or replaced. Two ramps at the State Route 309 interchange will also be reconstructed	City of Allentown, Salisbury and Upper Saucon Townships	Lehigh	\$24,625,000				PennDOT	NEW	15
4	PI7	<b>I-78 from State Route 309 Interchange ramps for Center Valley / Allentown Interchange to Saucon Viaduct Structure at Route 412 Interchange</b> - Highway Preservation overlay of existing mainline and shoulders	City of Bethlehem, Lower Saucon Township	Northampton	\$15,558,499				PennDOT	NEW	13
5	PI8	<b>Interstate 78 from Saucon Viaduct Bridges west of State Route 412 Interchange to State Route 2006 (Easton Road) Bridge</b> - Highway Preservation overlay of existing mainline and shoulders	City of Bethlehem, Lower Saucon Township	Northampton	\$10,756,500				PennDOT	NEW	13
6	OPRR24	<b>Route 22 Widening - Lehigh River to Airport Road</b> - Highway widening to six lanes from 15th Street to Airport Road. This is a breakout project from the overall SR 22 Widening project (MPMS 96384) per 2/15/2023 meeting - PE completed under MPMS 96384 (New PennDOT MPMS 119690)	Hanover, South Whitehall and Whitehall Townships	Lehigh		\$34,212,500			PennDOT	Current LRTP	12
7	NPT26	<b>Route 33 and Interstate 78 Interchange Reconstruction</b> Reconfigure and reconstruct the interchange and approaches to improve safety and the operational functionality	Lower Saucon Township	Northampton		\$45,000,000			PennDOT	NEW	12
8	PI4	<b>Interstate 78 from Berks County/Lehigh County line to just east of Route 100</b> - Highway reconstruction to add truck climbing lanes and Route 100 interchange ramp reconfiguration	Upper Macungie and Weisenberg Townships	Lehigh	\$354,259,257				PennDOT	NEW	12
9	OPRR 25-NA	<b>US 22 Widening</b> - Route 22 Widening - Mauch Chunk Road & Route 145 DDI	Hanover, South Whitehall and Whitehall Townships	Lehigh			\$138,000,000		PennDOT	Current LRTP	11

## LRTP Roadway Expansion Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
10	PI12	<b>Interstate 78 Saucon Valley Viaduct Bridges West of State Route 412 over College Drive, Silvex Road and Saucon Creek</b> - Rehabilitation and Preventative Maintenance including paint and miscellaneous substructure and drainage repairs	City of Bethlehem	Northampton	\$61,631,000				PennDOT	NEW	11
11	PI13	<b>Interstate 78 Various Bridges in Glendon Borough, Lower Saucon Township and Williams Township</b> - Bridge Rehabilitation, Replacement and Preservation activates	Glendon Borough, Lower Saucon and Williams Townships	Northampton	\$27,000,000				PennDOT	NEW	10
12	PI5	<b>Interstate 78 from Route 33 Interchange to Pennsylvania/New Jersey State Line</b> - Highway preservation pavement overlay of existing mainline and shoulders and resurfacing of associated ramps	Lower Saucon and Williams Townships	Northampton	\$12,271,500				PennDOT	NEW	9
13	MP168	<b>Route 222 (Jaindl Highway) Safety Improvements</b> - 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 Route 6222 (Hamilton Boulevard), Kessler Road and Route 2011 (Cedarbrook Road)	Lower Macungie Township	Lehigh			\$4,500,000		Lower Macungie Township	NEW	9
14	MP62	<b>State Route 2020 (William Penn Highway) and State Route 33 Interchange</b> - Reconstruction and redesign of the existing interchange and associated ramps into a diverging diamond interchange	Bethlehem Township	Northampton			\$15,000,000		Bethlehem Township	NEW	8
15	MP113	<b>Jefferson Street Road Diet/Roundabout</b> - 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	City of Allentown	Lehigh			\$5,000,000		City of Allentown	NEW	8
16	MP185	<b>Route 309 Northbound Realignment</b> - Relocated North bound traffic to South bound traffic side between Route 378 and Route 2039 (Lanark Road) to improve traffic congestion, safety and the quality of life of residents along the current North bound side of State Route 309	Upper Saucon Township	Lehigh			\$15,000,000		Upper Saucon Township	NEW	8
17	OPRRE15	<b>Route 22/13th Street Interchange</b> - Route 22/13th Street Interchange	City of Easton	Northampton			\$13,050,698		State Transportation Commission	Current LRTP	7
18	PI9	<b>Interstate 78 Bridge over Route 2010 Fish Hatchery Road and the Little Lehigh River/Lehigh Parkway</b> - Rehabilitation of the bridge "Parkway Arches" support structures	City of Allentown, Salisbury Township	Lehigh	\$46,890,000				PennDOT	NEW	7

## L RTP Roadway Expansion Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
19	MP149	<b>Route 222 (Hamilton Boulevard), Breinigsville Road/Newtown Road Roundabout</b> - Construction of a roundabout to accommodate safer vehicle movements at the current off angle intersection. Project limits between Schaefer Run Road and the ramps to Route 100/Route 222 interchange	Upper Macungie Township	Lehigh			\$10,200,000		Upper Macungie Township	NEW	7
20	MP191	<b>Route 2004 (Susquehanna Street/Seidersville Road), Route 2002 (Emmaus Avenue/Broadway) Roundabout</b> - Construction of a roundabout to address safety and congestion concerns at the existing intersection	Salisbury Township	Lehigh			\$6,000,000		Salisbury Township	NEW	7
21	UNMET78	<b>Mauch Chunk Road/Elizabeth Avenue Roundabout</b> - Configuration of a roundabout	City of Bethlehem	Northampton			\$1,228,068		City of Bethlehem	Unmet Need L RTP	6
22	PI6	<b>Interstate 78 from Route 2005 (Lehigh Street) to Route 309 northbound exit</b> - Highway Preservation overlay of existing mainline and shoulders	Salisbury, South Whitehall, Lower Macungie Townships	Lehigh	\$12,850,000				PennDOT	NEW	6
23	PI10	<b>Interstate 78 Bridge Rehabilitation, Replacement and Presentative Maintenance at various locations</b> - Rehabilitation of PennDOT Bridges identified by the following bridge key numbers 23005, 28523, 28526, 28540; Replacement of Bridge identified by PennDOT key number 28545 (over State Route 2014 "Redington Road") and Preventative Maintenance at PennDOT bridges Identified by the following bridge key numbers 23009, 23011, 23016, 23017, 23020, 23021, 23023, 28522, 28525, 28528, 28530, 28532, 41043, 41283, 41127, 28547, 28549, 28551 and 28552	City of Bethlehem, Glendon Borough, Upper Macungie, Lower Saucon and Williams Townships	Lehigh and Northampton	\$26,992,000				PennDOT	NEW	6
24	PI11	<b>Interstate 78 Various Bridges in Upper Macungie Township</b> - Bridge Rehabilitation, Replacement and Preservation activates	Upper Macungie Township	Lehigh	\$26,000,000				PennDOT	NEW	6
25	MP102	<b>College Heights Boulevard Traffic Calming</b> - Design and construction for two roundabouts along College Heights Boulevard at Allen Street and Liberty Street	City of Allentown	Lehigh			\$4,000,000		City of Allentown	NEW	6
26	MP189	<b>Riverside Drive Extension</b> - Construction of a complete street extension of the in progress Riverside Drive project starting in Allentown. This project would continue the complete street from Wood Avenue to Lehigh Street in the Township	City of Allentown, Whitehall Township	Lehigh			\$1,384,384	\$6,802,736	PennDOT and LVPC	NEW	6
27	UNMET97	<b>Hamilton Boulevard (Route 222) and Lower Macungie Road (Route 2012) Roundabout</b>	Upper Macungie Township	Lehigh			\$1,384,384	\$203,293,610	Upper Macungie Township	Unmet Need L RTP	5
28	NPT15	<b>Route 248 (Lehigh Drive) and Route 946 (Mountain View Drive) Intersection</b> - Safety improvements including a potential roundabout	Lehigh Township	Northampton			\$1,384,384	\$6,615,616	PennDOT	NEW	4

## LRTP Roadway Expansion Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Unmet Needs	Project Sponsor	Source	Score
29	MP109	<b>Roth Avenue Roundabouts</b> - Creation of roundabouts at the intersections of Roth Avenue at 12th Street and 13th Street	City of Allentown	Lehigh			\$1,384,384	\$8,615,616	City of Allentown	NEW	4
30	MP136	<b>Route 873 - Route 329 - Route 4014 Roundabout</b> - Construction of roundabout at four-legged offset intersection of Route 873, Route 329 (Bellview Drive) and Route 4014 (Neffs-Laurys Road) to improve safety and mobility through the intersection	North Whitehall Township	Lehigh			\$1,384,384	\$4,755,956	North Whitehall Township	NEW	4
31	UNMET71	<b>Walbert Avenue (Route 1006)/Huckleberry Road/Columbia Street Intersection Improvements</b> - Realign intersections.	South Whitehall Township	Lehigh			\$1,384,384	\$4,755,956	South Whitehall Township	Unmet Need LRTP	3
32	PI1	<b>Interstate 78 Bridge Substructure Condition Study</b> - Study of bridge over Route 2006 (Easton Road)	Lower Saucon Township	Northampton	\$13,086,678				PennDOT	NEW	3
33	PI2	<b>Interstate 78 over Route 2006 (Easton Road) to Route 33 Interchange</b> - Highway Preservation/Restoration of concrete slab roadway	Lower Saucon Township	Northampton	\$21,355,665				PennDOT	NEW	3
34	UNMET57	<b>Interstate 78/Route 222 Interchange Upgrades</b> - Improvements including lane reconfigurations, revised signalization and ramp modifications	Lower Macungie Township	Lehigh			\$1,384,384	\$60,019,015	Lower Macungie Township	Unmet Need LRTP	2
35	MP1	<b>State Routes 946 and 248 Intersection Improvements</b> - Redesign and betterment to mitigate congestion and improve safety	Upper Nazareth Townships	Northampton			\$1,384,384	\$3,615,616	Upper Nazareth Township	NEW	2

L RTP Safe Routes to School Projects: LVTS 7/19/2023

Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Source	Score
1 MP130	<b>Allentown Safe Routes to School (SRTS) - School Zone Upgrades</b> - Modernization of 59 existing school zone traffic control devices and install eight new devices	City of Allentown	Lehigh		\$1,850,000		City of Allentown	NEW	11
2 OMP28	<b>Three Connections from State Route 412 to the Saucon Rail Trail</b> - At Meadows Road, at Tumminello Park and at West Walnut Street. Work includes State Route 412 in both the Borough and Lower Saucon Township, as well as Walnut Street in the Borough and Polk Valley Run in the Township	Hellertown Borough, Lower Saucon Township	Northampton			\$2,259,129	Hellertown Borough	Current LRTP	8
3 OMP33	<b>Oakland Road at Santee/Rambeau Roads (Sidewalks)</b> - Add new concrete sidewalk and northwest corner curb ramp, update the southwest corner curb ramp and install rectangular rapid flashing beacons at pedestrian crossing	Bethlehem Township	Northampton			\$255,847	Bethlehem Township	Current LRTP	7
4 OMP34	<b>Pedestrian Route to School Safety Enhancements (Sidewalks)</b> - Improve Main Street, Lerchenmiller Drive and Smith Lane by constructing some new sidewalks, adding handicapped accessible crossing features and adding some street trees along Lerchenmiller Drive	Northampton Borough	Northampton			\$204,678	Northampton Borough	Current LRTP	5
5 OMP32	<b>Hecktown Road at Chester Avenue Sidewalks</b> - Provide curb, sidewalk and curb ramps at the northwest corner and add rectangular rapid flashing beacons and high-visibility crosswalk markings and pedestrian crossing signs	Bethlehem Township	Northampton			\$255,847	Bethlehem Township	Current LRTP	4

## LRTP Transportation Improvement Program Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
1	11390	<b>Hollenbachs Bridge</b> - Bridge Replacement or rehabilitation - State Route 4009	Lowhill Township	Lehigh	\$2,000,000			PennDOT	Bridge	TIP
2	11413	<b>Cementon Bridge</b> - Bridge replacement	Whitehall Township	Lehigh	\$1,000,000			PennDOT	Bridge	TIP
3	11565	<b>Tilghman Street over Lehigh River &amp; Railroad</b> - Bridge rehabilitation or replacement	City of Allentown	Lehigh				PennDOT	Bridge	TIP
4	11587	<b>Vera Cruz Rd Bridge over Hosensack</b> - Bridge rehabilitation/replacement	Upper Milford Township	Lehigh	\$20,000			PennDOT	Bridge	TIP
5	11588	<b>Donats Peak Road Bridge</b> - Bridge Replacement	Lynn Township	Lehigh	\$20,000			PennDOT	Bridge	TIP
6	11974	<b>Frost Hollow Road/Tributary of Delaware River</b> - Bridge Rehabilitation or Replacement	Forks Township	Northampton	\$20,000			PennDOT	Bridge	TIP
7	11981	<b>Linden Street</b> - Highway restoration and signal upgrades from Elizabeth Avenue to Broadhead Road within the City of Bethlehem and Bethlehem Township	City of Bethlehem	Northampton	\$500,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
8	12084	<b>Richmond Bridge</b> - Bridge Replacement	Washington Township	Northampton	\$614,300			PennDOT	Bridge	TIP
9	12286	<b>Meadows Road Bridge (County Bridge 15)</b> - Bridge rehabilitation/replacement	Lower Saucon Township	Northampton	\$3,400,000			Northampton	Bridge	TIP
10	12310	<b>Indian Trail Road over Hokendauqua Creek</b> - Bridge Replacement	Allen Township	Northampton	\$100,000			PennDOT	Bridge	TIP
11	12318	<b>Maple Drive over Tributary to Bertsch Creek - Bridge Rehabilitation or Replacement</b>	Lehigh Township	Northampton	\$324,000			PennDOT	Bridge	TIP
12	57433	<b>Lehigh Race Street Intersection</b> - Race Street intersection improvements at signalized intersection	Catasauqua	Lehigh	\$500,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
13	64729	<b>Lehigh Valley Transportation Study Congestion Mitigation and Air Quality (CMAQ) - LANTA Flex - Bus Replacement</b>	Varies	Lehigh and Northampton	\$7,200,000			PennDOT	Transit	TIP
14	68190	<b>Freeway Service Patrol</b> - To provide two roaming tow trucks along Interstate 78 from Route 100 to the Route 309 split, and along Route 22 from Route 100 to Route 33 for removal of disabled or accident vehicles	Various	Lehigh and Northampton	\$1,800,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
15	71707	<b>Farmersville Road Bridge over Route 22</b> - Bridge replacement/rehabilitation	Bethlehem Township	Northampton	\$4,200,000			PennDOT	Bridge	TIP
16	79127	<b>Indian Creek Road over Leibert Creek</b> - Bridge Replacement	Upper Milford Township	Lehigh	\$1,500,000			PennDOT	Bridge	TIP
17	79131	<b>Breinigsville Road over Breinig Run</b> - Bridge Replacement	Upper Macungie Township	Lehigh	\$20,000			Upper Macungie	Bridge	TIP
18	79468	<b>Williams Township Canal Wall Replacements</b> - Retaining wall replacements	Williams Township	Northampton	\$3,050,000			PennDOT	Road	TIP
19	79554	<b>Route 222 &amp; Shantz Road &amp; Route 863 Improvements</b> - Intersections improvement of Route 222 and Shantz Road (SR 3012) and Route 863 (Farmington)	Upper Macungie Township	Lehigh	\$100,000			PennDOT	Roadway Expansion	TIP
20	80073	<b>Lehigh Valley Transportation Study In-House Bridge Design Assistance</b> - In-house bridge design support services	Various	Lehigh and Northampton	\$200,000			Lehigh Valley Transportation Study	Bridge	TIP

## LRTP Transportation Improvement Program Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
21	81664	<b>Mill Road over Tributary to Saucon Creek</b> - Bridge Rehabilitation or Replacement	Upper Saucon Township	Lehigh	\$365,820			PennDOT	Bridge	TIP
22	82804	<b>Corridor Signal Improvement Line Item</b> - Corridor signal improvement reserve line item	Various	Lehigh and Northampton	\$3,014,727			LVTS	Road Reconstruction, Modernization, Automation	TIP
23	82806	<b>Transportation Alternatives Program Line Item</b> - Reserve line item	Various	Lehigh and Northampton	\$3,014,727			LVTS	Multimodal Facilities	TIP
24	82807	<b>Safety Line Item - LVTS - Safety Reserve Line Item</b>	Various	Lehigh and Northampton	\$3,014,727			LVTS	Road Reconstruction, Modernization, Automation	TIP
25	82810	<b>Urban Line Item Reserve</b> - Urban Reserve Line Item	Various	Lehigh and Northampton	\$3,014,727			LVTS	Road	TIP
26	83086	<b>Consultant Assistance</b> - Consultant assistance in project delivery and construction	Various	Lehigh and Northampton	\$3,014,727			LVTS	Planning and Research	TIP
27	85677	<b>Route 143 over Tributary Ontelaunee</b> - Bridge rehabilitation	Lynn Township	Lehigh	\$20,000			PennDOT	Bridge	TIP
28	85689	<b>Church Road Newside over Tributary to Mill Creek</b> - Bridge Rehabilitation	Heidelberg Township	Lehigh				PennDOT	Bridge	TIP
29	85692	<b>Mosserville Road over Ontelaunee Creek</b> - Bridge Replacement	Lynn Township	Lehigh	\$1,250,000			PennDOT	Bridge	TIP
30	85929	<b>Belvidere Road over Tributary to Delaware River</b> - Bridge rehabilitation	Lower Mount Bethel Township	Northampton	\$20,000			PennDOT	Bridge	TIP
31	85930	<b>Lower South Main Street over Martins Creek</b> - Bridge Replacement	Washington Township	Northampton	\$3,300,000			PennDOT	Bridge	TIP
32	85940	<b>Newburg Road over Tributary to Monocacy Creek</b> - Bridge replacement (State Route 3020)	Lower Nazareth Township	Northampton	\$6,700,000			PennDOT	Bridge	TIP
33	85941	<b>Newburg Road over East. Branch Monocacy Creek</b> - Bridge replacement (State Route 3020)	Upper Nazareth Township	Northampton				PennDOT	Bridge	TIP
34	85942	<b>West Scenic Drive over Branch Hokendauqua</b> - Bridge Rehabilitation	Moore Township	Northampton				PennDOT	Bridge	TIP
35	85943	<b>Bushkill Drive over a Tributary to Bushkill Creek</b> - Bridge rehabilitation	Bushkill Township	Northampton				PennDOT	Bridge	TIP
36	85944	<b>Mountain Road over Horn Creek</b> - Bridge rehabilitation	Bushkill Township	Northampton				PennDOT	Bridge	TIP
37	85945	<b>Washington Street over Brush Meadow Creek</b> - Bridge rehabilitation	Bangor Borough	Northampton	\$1,190,000			PennDOT	Bridge	TIP
38	85946	<b>State Route 512 Bridge - Beth-Bath Pike over Monocacy Creek</b> - Rehabilitation or Replacement bridge over the Monocacy Creek, approximately 350 feet north of Locust Road (T479)	East Allen Township	Northampton	\$3,250,000			PennDOT	Bridge	TIP
39	86110	<b>South Hoch Road Bridge</b> - Bridge Rehabilitation or Replacement of Bridge Key 28783	Moore Township	Northampton				PennDOT	Bridge	TIP

## LRTP Transportation Improvement Program Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
40	86853	<b>Route 248 Realignment</b> - Realignment straighten Route 248 to eliminate zigzag turn movements through Bath Borough, reduce traffic on Main Street between Bridge Street and Chestnut Street and direct traffic away from the downtown historic area	Bath Borough	Northampton	\$4,600,000			PennDOT	Roadway Expansion	TIP
41	89055	<b>Transportation Alternative/Multimodal Project Management</b> - Transportation enhancement/alternative project management contract	Various	Lehigh and Northampton	\$300,000			LVTS	Planning and Research	TIP
42	89614	<b>Hecktown Road Bridge over Road 22</b> - Bridge rehabilitation - superstructure replacement	Bethlehem Township	Northampton	\$4,250,000			PennDOT	Bridge	TIP
43	89616	<b>Country Club Road over Route 22</b> - Bridge Replacement	Bethlehem Township	Northampton	\$450,000			PennDOT	Bridge	TIP
44	89627	<b>Kernsville Road Bridge</b> - Bridge replacement or rehabilitation (State Route 4003)	North Whitehall Township	Lehigh	\$965,000			PennDOT	Bridge	TIP
45	93630	<b>Hill-to-Hill Bridge Rehabilitation</b> - Bridge rehabilitation	City of Bethlehem	Lehigh	\$69,825,000			PennDOT	Bridge	TIP
46	93631	<b>Easton Road over Saucon Creek East Branch</b> - Bridge Rehabilitation or Replacement (State Route 2006)	Lower Saucon Township	Northampton	\$2,140,000			PennDOT	Bridge	TIP
47	94680	<b>South Walnut Street Bridge</b> - Bridge replacement	Slatington Borough	Lehigh	\$6,577,580			PennDOT	Bridge	TIP
48	94682	<b>Wire Mill Bridge</b> - Bridge Improvements (State Route 145)	City of Allentown	Lehigh				PennDOT	Bridge	TIP
49	94873	<b>Fifth Street Bridge</b> - Construct new bridge (State Route 1029)	Whitehall Township	Lehigh	\$8,000,000			PennDOT	Bridge	TIP
50	95400	<b>Environmental Impacts Resolution Line Item</b> - Environmental impact resolution for permit compliance such as repair & monitoring of wetland areas, and MS4 requirements of the Federal Environmental Protection Agency	Various	Lehigh	\$200,000			PennDOT	Planning and Research	TIP
51	96386	<b>Route 309 Resurface</b> - Highway resurfacing of State Route 4010 (Sand Spring Road) to State Route 100	Heidelberg and North Whitehall Townships	Lehigh	\$4,100,000			PennDOT	Road	TIP
52	96413	<b>Lehigh Street Betterment</b> - Resurface and rehabilitation of State Route 2005	Emmaus Borough	Lehigh	\$6,000,000			PennDOT	Road	TIP
53	96423	<b>Resurface Route 33, Interstate 78 to Route 22</b> - Pavement resurface/rehabilitation	Lower Saucon Township	Northampton	\$8,025,000			PennDOT	Road	TIP
54	96431	<b>Route 33 Bushkill Creek Bridges</b> - Bridge replacement	Stockertown Borough	Northampton	\$8,786,685			PennDOT	Bridge	TIP
55	96432	<b>Route 309 &amp; Tilghman Interchange Reconstruction</b> - Interchange reconfiguration Bridge Replacements Coordinated Signal System	South Whitehall Township	Lehigh	\$73,325,000			PennDOT	Roadway Expansion	TIP
56	97227	<b>Route 222 North Widening Lehigh Valley Transportation Study</b> - Highway resurface	Upper Macungie Township	Lehigh	\$500,000			PennDOT	Road	TIP
57	97325	<b>Construction Assistance</b> - Consultant assistance for state funded construction projects	Various	Lehigh and Northampton	\$200,000			PennDOT	Planning and Research	TIP



## LRTP Transportation Improvement Program Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
58	97953	<b>Construction Assistance</b> - Consultant Assistance for inspection and/or oversight of approved Transportation Improvement Program construction projects eligible for federal funding including highway, bridge and transportation alternative projects	Various	Lehigh and Northampton	\$200,000			PennDOT	Planning and Research	TIP
59	98094	<b>Broad Street Nazareth Railroad Crossing</b> - Upgrade railroad safety Equipment (State Route 191)	Nazareth Borough	Northampton				PennDOT	Rail	TIP
60	99697	<b>7th Street Multimodal Corridor</b> - Intersection/roadway Improvements (State Route 145)	Whitehall Township	Lehigh	\$2,725,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
61	101560	<b>Nazareth Pike Resurface</b> - Milling, base repair, American with Disabilities Act ramps, resurfacing and new pavement markings on State Route 191 from Newburg Road in Lower Nazareth Township to North New Street in Nazareth Borough	Lower Nazareth Township	Northampton	\$200,000.00			PennDOT	Road	TIP
62	101564	<b>25th Street Resurface</b> - Resurfacing State Route 2012 (Island Park Road) from State Route 2014 (Shimersville Road) to Route 248 in City of Bethlehem, Glendon and Wilson Boroughs, and Lower Saucon, Palmer, and Williams Townships	Glendon and Wilson Boroughs, Lower Saucon, Palmer, Williams Townships	Northampton	\$1,200,000.00			PennDOT	Road	TIP
63	101572	<b>Route 611 Resurface - Bucks County Line to Browns Drive</b> - Resurfacing Pavement	Lower Saucon Township	Northampton				PennDOT	Road	TIP
64	102160	<b>309 Center Valley Interchange</b> - Interchange improvements	Upper Saucon Township	Lehigh	\$70,150,000.00			PennDOT	Roadway Expansion	TIP
65	102201	<b>Lehigh Valley Transportation Study Highway &amp; Bridge</b> - Line Item Reserve	Various	Lehigh and Northampton				LVTS	Road	TIP
66	102312	<b>Route 309 Resurface</b> - Roadway Resurface to include mill and overlay, concrete patching, guiderail upgrades and movement markings.	South Whitehall Township	Lehigh	\$12,000,000.00			PennDOT	Road	TIP
67	102761	<b>Lehigh Valley Transportation Study Traffic Review Assistance</b> - Consultant Staffing Review Assistance	Various	Lehigh and Northampton	\$3,014,727.00			PennDOT	Planning and Research	TIP
68	102864	<b>Bethlehem Rail Corridor Safety</b> - Upgrade railroad safety Equipment (State Route 3015)	Bethlehem Township	Northampton				PennDOT	Rail	TIP
69	102868	<b>Ruppsville Road</b> - Upgrade railroad safety equipment	Upper Macungie Township	Lehigh				PennDOT	Road Reconstruction, Modernization, Automation	TIP
70	102870	<b>Penn Avenue Alburtis Railroad Crossing</b> - Upgrade Railroad safety equipment	Alburtis Borough	Lehigh				PennDOT	Rail	TIP
71	102979	<b>Canal Road Allentown Railroad Crossing</b> - Upgrade railroad safety equipment	City of Allentown	Lehigh				PennDOT	Rail	TIP
72	105371	<b>Howertown Road Bridge</b> - Bridge Replacement	Allen Township	Northampton	\$560,000.00			PennDOT	Bridge	TIP

## LRTP Transportation Improvement Program Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
73	105959	<b>25th Street Hill Improvement</b> - A full restoration, resurfacing and rehabilitation to State Route 2012 (South 25th Street) from the intersection of Freemansburg Avenue to the divided highway at the Lehigh River Bridge near Glendon	Palmer Township	Northampton	2,550,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
74	107552	<b>Gap Bridge Repairs</b> - Bridge repairs on the Lehigh Gap Bridge	Washington Township	Lehigh	\$7,000,000			PennDOT	Bridge	TIP
75	107761	<b>Two Rivers Trail Gap 9A</b> - Pedestrian trail	Bushkill Township	Northampton	\$54,036			Northampton	Multimodal Facilities	TIP
76	108134	<b>Race Street over Lehigh River</b> - Bridge Rehabilitation / Replacement	Whitehall Township	Lehigh	\$60,000			PennDOT	Bridge	TIP
77	109237	<b>Powder Valley Road over Indian Creek</b> - Bridge Replacement	Upper Milford Township	Lehigh	\$965,000			PennDOT	Bridge	TIP
78	109914	<b>Raubsville Road over Frey's Run</b> - Bridge replacement of Raubsville Road (SR 2006) over Freys Run	Williams Township	Northampton	\$1,968,750			PennDOT	Bridge	TIP
79	109966	<b>Lehigh Valley Transportation Study Bridge Preserve &amp; Repair 6</b> - Bridge Preservation & Rehabilitation contract for Lehigh Valley Area	Various	Northampton				PennDOT	Bridge	TIP
80	109971	<b>Route 145 Safety Improvements</b> - Mill, overlay, American with Disabilities Act (ADA) Compliance, restripe protected left turn bays at signals, align opposing left turns, two-way left turn signals throughout, access management, etc.	City of Allentown	Lehigh	\$5,300,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
81	110058	<b>Old Carriage Road Bridge Replacement</b> - Route 3018 (Old Carriage Rd) over Tributary to Catasauqua Creek Bridge replacement	East Allen Township	Northampton	\$100,000			PennDOT	Bridge	TIP
82	110062	<b>Box Culvert Bundle-Round 1</b> - Box Culvert Replacements	Various	Northampton	\$3,600,000			PennDOT	Bridge	TIP
83	110063	<b>North Hoch Road Bridge</b> - Bridge Rehabilitation	Moore Township	Northampton				PennDOT	Bridge	TIP
84	110066	<b>Box Culvert Bundle-Round 2</b> - Box Culvert Replacements	Various	Lehigh	\$4,740,000			PennDOT	Bridge	TIP
85	110067	<b>North Dauphin Street over Tributary to Lehigh River</b> - SR 1007 (North Dauphin Street) over Tributary to Lehigh River. Preventative maintenance activities	City of Allentown	Lehigh	\$65,000			PennDOT	Bridge	TIP
86	110070	<b>Route 22 from Farmersville Road to Route 512</b> - Resurface Route 22, including the interchanges at Route 512 and Route 191	Bethlehem Township	Northampton				PennDOT	Road	TIP
87	110076	<b>Jordan Creek Bridge Replacement</b> - Bridge Rehabilitation or Replacement	City of Allentown	Lehigh	\$10,000,000			PennDOT	Bridge	TIP
88	110086	<b>Lehigh Valley Transportation Study Urban Intelligent Transportation System (ITS)</b> - Installation of Dynamic Message Signs (DMS) & Closed Circuit Television Cameras (CCTV)	Various	Lehigh	\$3,571,875			PennDOT	Road Reconstruction, Modernization, Automation	TIP
89	110169	<b>Route 29/Cedar Crest Boulevard Signal Upgrades</b> - Corridor Signal Upgrade	Salisbury Township	Lehigh	\$748,112			PennDOT	Road Reconstruction, Modernization, Automation	TIP

## LRTP Transportation Improvement Program Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
90	110170	<b>MacArthur Road Signal Upgrade</b> - MacArthur Road Signal Upgrade	Whitehall Township	Lehigh	\$977,768			PennDOT	Bridge	TIP
91	110174	<b>Mauch Chunk Road Signal Upgrade</b> - Signal Upgrade	South Whitehall Township	Lehigh	\$2,200,000			South Whitehall	Road Reconstruction, Modernization, Automation	TIP
92	110176	<b>Route 248 Signal Upgrade</b> - Adaptive Signal Upgrade	Lehigh Township	Northampton	\$539,000			Lehigh Township	Road	TIP
93	110179	<b>611 Retaining Wall Rehabilitation Easton</b> - Retaining Wall Rehabilitation	City of Easton	Northampton	\$2,500,000			PennDOT	Road	TIP
94	110183	<b>Route 29 - Shimersville Hill Safety Improvement</b> - Corridor Safety Improvements	Upper Milford Township	Lehigh	\$8,500,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
95	110396	<b>Summit Lawn to American Parkway Connectivity Study</b> - Connectivity Study Summit Lawn exit of Interstate 78 to the American Parkway	City of Allentown	Lehigh	\$300,000			PennDOT	Planning and Research	TIP
96	110398	<b>Route 378 Lighting</b> - SR 378 Street Lighting	City of Bethlehem	Lehigh	\$1,300,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
97	112231	<b>Lehigh Valley Transportation Study Bridge Preservation #7</b> - Bridge Preservation contract	Various	Northampton	\$5,000,000			PennDOT	Bridge	TIP
98	113099	<b>Main Street (SR 873) &amp; Walnut Street Intersection Improvements</b> - Realignment and reconstruction of SR 873/Walnut Street intersection	Slatington Borough	Lehigh				PennDOT	Roadway Expansion	TIP
99	114344	<b>Lehigh Valley Transportation Study Traffic Operation Center Operator</b> - 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	Lehigh	\$100,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
100	114345	<b>Lehigh Valley Transportation Study Bridge</b>	Various	Lehigh	\$5,000,000			PennDOT	Bridge	TIP
101	115769	<b>Wilson Borough Improvements</b> - Culvert/Bridge replacement on Lehigh Drive	Wilson Borough	Northampton				Wilson Borough	Bridge	TIP
102	115798	<b>Iron Works Catasauqua Streetscape</b> - Construction of new public streets that will provide vehicular, bicycle and pedestrian access to the mixed-use development on the former Crane Iron Works brownfield site	Catasauqua Borough	Lehigh				Catasauqua Borough	Multimodal Facilities	TIP
103	115949	<b>Air Products Global Headquarters</b> - Signal and timing changes, including the addition of turn lanes and sidewalks	Upper Macungie Township	Lehigh				Air Products Global Headquarters	Multimodal Facilities	TIP
104	116659	<b>Lehigh Valley Transportation Study High-Friction Surface - 2023</b> - High-Friction surface treatments	Lower Saucon Township	Northampton	\$400,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
105	116663	<b>Lehigh Valley Transportation Study Signal Upgrades</b> - Low cost signal upgrades at urban intersections	Various	Lehigh	\$71,000			LVTS	Road Reconstruction, Modernization, Automation	TIP

## LRTP Transportation Improvement Program Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
106	116846	<b>Allentown 15th Street Traffic Signal Improvements</b> - Traffic signal and safety improvements at four intersections along 15th Street	City of Allentown	Lehigh				City of Allentown	Road Reconstruction, Modernization, Automation	TIP
107	116849	<b>Allentown Martin Luther King (MLK) Jr. Drive</b> - Pedestrian enhancements along MLK Jr. Drive at 4th Street and Lehigh Street	City of Allentown	Lehigh	\$56,208			Allentown	Multimodal Facilities	TIP
108	116936	<b>Route 191 Lower Nazareth Intersection Improvements</b> - Signal Improvements and Congestion Mitigation	Lower Nazareth Township	Northampton	\$3,710,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
109	117154	<b>Bridge Overlay Bundle #2</b> - Preventative Maintenance	Various	Northampton	\$500,000			PennDOT	Bridge	TIP
110	117240	<b>Main Street over Tributary to Martins Creek</b> - Box Culvert Replacement	Lower Mount Bethel Township	Northampton	\$20,000			PennDOT	Bridge	TIP
111	117242	<b>South Hokendauqua Drive over Hokendauqua Creek</b> - Box Culvert Replacement	Moore Township	Northampton	\$20,000			PennDOT	Bridge	TIP
112	117509	<b>Route 2018 (Freemansburg Avenue) Safety Improvements</b> - Intersection Safety Improvements	Bethlehem Township	Northampton	\$3,300,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
113	117511	<b>Route 512 Bangor Borough Study</b> - This project consists of a roadway and traffic study along Route 512 from Second Street to the east end in Bangor Borough. Also included, are the adjacent legs of Route 1015 and Route 1016	Bangor Borough	Northampton	\$200,000			PennDOT	Planning and Research	TIP
114	117515	<b>County Bridge Reserve Line Item</b> - County Bridge Rehabilitation/Replacement/Preservation	Various	Lehigh and Northampton	\$5,500,000			Lehigh, Northampton	Bridge	TIP
115	117517	<b>Municipal Bridge Line Item</b> - This line item will provide funds for rehabilitation, replacement, or preventative maintenance activities of municipal bridges that are identified through a regional review and selection process	Varies	Lehigh and Northampton	\$5,500,000			LVTS	Bridge	TIP
116	117521	<b>Lehigh Valley Transportation Study All Weather Pavement Markers 2023</b> - All Weather Pavement Markings	Lynn Township	Lehigh	\$5,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
117	117522	<b>In-House Geo Tech Assistance</b> - In House Geo Tech Assistance	Macungie Borough	Lehigh	\$200,000			PennDOT	Road	TIP
118	117528	<b>BPN-4 Guide Rail Upgrade Line Item</b> - BPN-4 Guide Rail Upgrades	East Allen Township	Northampton	\$200,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP
119	117606	<b>Route 22/Route 191 Interchange Improvements</b> - Interchange improvements	Bethlehem Township	Northampton	\$38,700,000			PennDOT	Roadway Expansion	TIP
120	117610	<b>Route 22/Fullerton Interchange</b> - Interchange improvements	Whitehall Township	Lehigh	\$18,848,715			PennDOT	Roadway Expansion	TIP
121	117823	<b>Lehigh Valley Transportation Study Systemic Safety Improvements</b> - Safety Improvements	Various	Lehigh	\$30,000			PennDOT	Road Reconstruction, Modernization, Automation	TIP

## LRTP Transportation Improvement Program Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
122	117955	<b>Route 309 - Signal Head Reflective Backplate</b> - The low cost safety improvement is adding signal head backplates on the northbound and southbound Route 309 signals.	Upper Saucon Township	Lehigh				PennDOT	Road Reconstruction, Modernization, Automation	TIP
123	118306	<b>Route 222 &amp; Grange Road - Upper Macungie Township</b> - Intersection improvements, pedestrian crosswalks and traffic signal improvements	Upper Macungie Township	Lehigh				PennDOT	Roadway Expansion	TIP
124	118357	<b>Tropical Storm Ida Department Force Emergency Lehigh Valley Transportation Study</b> - Department Force Emergency Repairs from Tropical Storm Ida	Various	Northampton				LVTS	Road	TIP
125	118404	<b>Bogert's Bridge Rehabilitation</b> - Rehabilitation of Bogert's Covered Bridge	City of Allentown	Lehigh				City of Allentown	Bridge	TIP
126	118434	<b>Coopersburg Streetscape Phase 6</b> - Traffic, pedestrian and bicycle improvements to South Main Street (SR 2045)	Coopersburg Borough	Lehigh				PennDOT	Multimodal Facilities	TIP
127	118435	<b>Easton/Lafayette College Pedestrian Safety Project - Phase 3</b> - Pedestrian enhancements in College Hill Neighborhood	City of Easton	Northampton				City of Easton	Multimodal Facilities	TIP
128	118436	<b>Ironton Rail Trail Trailhead Improvement Project</b> - Bicycle/Pedestrian Safety Improvements at Ironton Rail Trail Trailhead	Whitehall Township	Lehigh				Whitehall Township	Multimodal Facilities	TIP
129	118437	<b>Ironton Rail Trail Crosswalk Improvements</b> - Pedestrian Safety Improvements along State Route 1017 (Mauch Chunk Road) and Quarry Street	North Whitehall Township	Lehigh				Whitehall Township	Multimodal Facilities	TIP
130	118438	<b>Jordan Creek Greenway in Covered Bridge Park</b> - Extension of the Jordan Creek Greenway Trail	South Whitehall Township	Lehigh				South Whitehall Township	Multimodal Facilities	TIP
131	118439	<b>100 Steps Restoration Project</b> - Repair and restoration of the historic '100 Steps'	Slatington Borough	Lehigh				Slatington Borough	Multimodal Facilities	TIP
132	119413	<b>Lehigh Valley Transportation Study Vulnerable Road User Project - Tier 1</b> - Vulnerable Road User (VRU) Safety Improvements	City of Allentown	Lehigh				PennDOT	Road Reconstruction, Modernization, Automation	TIP

## L RTP Transit Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
1	OT1	<b>Lehigh and Northampton Transportation Authority (LANTA) Annual Operating Assistance for Fixed Route System MPMS# 106703</b>	Various	Lehigh and Northampton	\$77,432,000	\$154,864,000	\$332,590,116	LANTA	Transit	Current L RTP
2	OT2	<b>LANTA Preventive Maintenance for Fixed Route Fleet MPMS# 95010</b>	Various	Lehigh and Northampton	\$22,000,000	\$44,000,000	\$71,500,000	LANTA	Transit	Current L RTP
3	OT3	<b>LANTA Heavy Duty Fixed Route Bus Replacement MPMS# 95019</b>	Various	Lehigh and Northampton	\$13,318,732	\$56,639,763	\$87,622,683	LANTA	Transit	Current L RTP
4	OT4	<b>LANTA Shared Ride Program on Paratransit System MPMS# 106704</b>	Various	Lehigh and Northampton	\$16,536,000	\$33,072,000	\$53,742,000	LANTA	Transit	Current L RTP
5	OT5	<b>Purchase LANTA Vans/Minibuses (MPMS# 95008)</b>	Various	Lehigh and Northampton	\$6,198,430	\$12,396,860	\$31,404,710	LANTA	Transit	Current L RTP
6	OT6	<b>LANTA Americans With Disabilities Act Service Based on Fixed Route System MPMS# 95015</b>	Various	Lehigh and Northampton	\$3,801,000	\$7,602,000	\$12,353,250	LANTA	Transit	Current L RTP
7	OT7	<b>LANTA Facility Improvements and Equipments MPMS# 110172</b>	Various	Lehigh and Northampton	\$2,500,000	\$5,000,000	\$17,500,000	LANTA	Transit	Current L RTP
8	OT8	<b>LANTA Associated Capital Maintenance Items (MPMS# 110171)</b> - Funding is being programmed over four years to replace and refurbish associated capital maintenance items, including tire lease agreement and capital maintenance items	Various	Lehigh and Northampton	\$900,000	\$1,800,000	\$2,925,000	LANTA	Transit	Current L RTP
9	OT9	<b>Intelligent Transportation Systems and Security Project (MPMS# 95178)</b> - Purchase/replace/upgrade of communication or monitoring technology, computer hardware and software and servers, computers, printers and other computer technology for administration/operation of LantaBus or LANtaBus System	Various	Lehigh and Northampton	\$4,000,000	\$8,000,000	\$13,000,000	LANTA	Transit	Current L RTP
10	OT10	<b>LANTA Service Vehicle replacement (MPMS# 95180)</b> - For the replacement of six non-revenue service vehicle	Various	Lehigh and Northampton	\$207,000	\$414,000	\$2,179,000	LANTA	Transit	Current L RTP
11	OT11	<b>LANTA Install Signs, Shelters and Enhancements (MPMS# 95183)</b>	Various	Lehigh and Northampton	\$1,000,000	\$2,000,000	\$2,000,000	LANTA	Transit	Current L RTP
12	OT12	<b>LANTA Enhanced Bus/Bus-Rapid Transit Project (MPMS# 106530)</b>	Various	Lehigh and Northampton	\$3,450,000	\$6,900,000	\$12,650,000	LANTA	Transit	Current L RTP
13	OT13	<b>Lanta Engine Vehicle Overhaul (VOH) Program (Lanta) MPMS# 97977</b>	Various	Lehigh and Northampton	\$6,000,000	\$13,800,000	\$16,560,000	LANTA	Transit	TIP
14	MP128	<b>Allentown Transit Mobility Hubs</b> - Develop mass transit connectivity hubs across the city in coordination with LANTA	Allentown	Lehigh		\$3,000,000		City of Allentown	Transit	NEW
15	MP187	<b>LANTA Facility Expansion/Replacement</b> - Funding the planning, design, engineering, including National Environmental Policy Act measures, land selection and acquisition, and construction of the expansion and/or replacement of LANTA operating facilities	Various	Lehigh and Northampton	\$5,500,000	\$45,000,000		LANTA	Transit	NEW

## LRTP Transit Projects: LVTS 7/19/2023

#	Proj ID	Project Name & Description	Municipality(ies)	County	Short-Range	Mid-Range	Long-Range	Project Sponsor	Category	Source
16	MP188	<b>LANTA Fixed Route Bus Fleet Expansion</b> - Funding for the purchase of fixed route buses for the purpose of expanding the LANTA bus fleet	Various	Lehigh and Northampton	\$6,153,653	\$9,616,613		LANTA	Transit	NEW