

**Amendment to the
2040 Transportation and Development Plan for Southwestern Pennsylvania (2040
Plan) to Reflect Project Phasing and Cost Information Included in the Draft 2015-
2018 TIP**

The four-year program of transportation improvements identified in the *2015-2018 Transportation Improvement Program for Southwestern Pennsylvania* (2015-2018 TIP) represents the first phase in the implementation of the regional vision outlined in the regional long range transportation plan (LRP), the *2040 Transportation and Development Plan for Southwestern Pennsylvania* (2040 Plan).

As modifications are made to update the regional TIP, there is a need to maintain consistency between the TIP and the first four years of the LRP. In moving from the 2013-2016 TIP to the 2015-2018 TIP, projects have advanced, and revenue changes have been identified. It is therefore necessary to incorporate these changes into the 2040 Plan.

The LRP project lists identified in Chapter 4 of the 2040 Plan are not amended to add or delete any identified projects, but have been updated to reflect new costs and schedules for projects included in the 2015-2018 TIP. Revised LRP funding levels may also be observed in the reserve line items appearing in the project tables.

These revised tables are reproduced in the remainder of this report for information purposes.

2040 Transportation and Development Plan for Southwestern Pennsylvania

Figure 4.10 LRTP Investments - Roadway Capital Maintenance (millions of dollars)

6/16/2014

Project	Location	Stage 1	Stage 2	Stage 3	Total
		2015-2018	2019-2022	2023-2040	
Roadway Capital Maintenance					
S.R. 28, Creighton to Butler County Line	Allegheny		24.8		24.8
S.R. 50, Washington County Line to Miller Run	Allegheny		15.0		15.0
S.R. 65, Ft. Duquesne Bridge to California Ave	Allegheny		45.0		45.0
S.R. 3069 Liberty Tunnel Rehabilitation	Allegheny	21.9			21.9
Allegheny Riverfront Infrastructure Projects	Allegheny		6.1	32.3	38.4
Pittsburgh CBD Street Reconstruction	Allegheny	2.9	34.0	76.6	113.5
S.R. 28 Hays Run 3R	Armstrong	1.2	7.9		9.1
S.R. 51, S.R. 168 to Ohio State Line	Beaver				0.0
S.R. 51 Reconstruction, Allegheny County Line to Uniontown	Fayette			249.5	249.5
S.R. 21 Masontown Bridge Roadway Reconstruction	Greene				0.0
U.S. 22 / S.R. 217 Interchange	Indiana			22.8	22.8
S.R. 18 Betterment	Lawrence	7.0			7.0
S.R. 56 Pavement Preservation	Westmoreland		50.2		50.2
S.R. 119 Reconstruction, Fayette County Line to I-70	Westmoreland			120.9	120.9
S.R. 119 Interchange Reconstruction at S.R. 819	Westmoreland				0.0
S.R. 981 @ Kennametal	Westmoreland	12.0			12.0
S.R. 981 Laurel Valley Transportation Improvements	Westmoreland		41.2		41.2
Roadway Capital Maintenance Reserve Line Item for Armstrong, Butler and Indiana Counties	Region		203.1	808.5	1,011.6
Roadway Capital Maintenance Reserve Line Item for Allegheny, Beaver and Lawrence Counties	Region		290.9	3,388.8	3,679.7
Roadway Capital Maintenance Reserve Line Item for Fayette, Greene, Washington and Westmoreland Counties	Region		240.8	1,375.0	1,615.8

Figure 4.11 LRTP Investments - Traffic Operations and Safety (millions of dollars)

Project	Location	Stage 1	Stage 2	Stage 3	Total
		2015-2018	2019-2022	2023-2040	
Traffic Operations and Safety					
U.S. 19 Improvements / Pine Creek to Wallace	Allegheny				0.0
S.R. 51 / S.R. 88 Intersection Improvements	Allegheny				0.0
I-279 Parkway North Operational Improvements	Allegheny	23.0			23.0
I-376 Parkway East Operational Improvements	Allegheny		5.8		5.8
I-376 Parkway West Operational Improvements	Allegheny	68.1			68.1
Painters Run Road, Bower Hill Rd to Robb Hollow	Allegheny			22.7	22.7
S.R. 28 Goheenville Dip	Armstrong	7.3			7.3
S.R. 356 Freeport Bridge Ramps	Armstrong				0.0
U.S. 422 Dutch Run Road Intersection	Armstrong			11.4	11.4
U.S. 422 Kittanning Elementary School Intersection	Armstrong	12.2			12.2
U.S. 422 Theater Road Realignment	Armstrong				0.0
U.S. 422 Wray Road Cut	Armstrong			14.0	14.0
U.S. 30 Upgrade, Ohio State Line to S.R. 168	Beaver	9.0			9.0
Freedom Road Upgrade, Phases B and C	Beaver	52.0			52.0
S.R. 228 Balls Bend Safety	Butler	1.0	11.5		12.5
S.R. 228 Pittsburgh Street Intersection	Butler	11.0			11.0
S.R. 228 Three Degree Road Intersection	Butler	2.4	14.0		16.4
S.R. 21, Masontown to Thompson's Crossroads, intersection improvements and safety upgrades	Fayette			74.4	74.4
U.S. 19 Safety Improvements Phase 1 (Morrisville)	Greene		24.6		24.6
S.R. 21, Morrisville Corridor Phase 2	Greene		19.0		19.0
S.R. 56 United High School Curve	Indiana	7.2			7.2
U.S. 119 Grove Chapel Climbing Lane	Indiana	12.5			12.5
U.S. 119 Wake Robin Curve	Indiana	0.8	25.0		25.8
U.S. 422, Armstrong County Line to Indiana Bypass, intersection improvements and safety upgrades	Indiana		17.1	44.6	61.7
S.R. 19 Corridor Safety and Congestion Improvements	Washington	7.7	17.5	123.7	148.9
S.R. 30 Corridor Safety and Congestion Improvements	Westmoreland	4.6	37.5	62.9	105.0
Traffic Operations and Safety Line Item for Armstrong, Butler and Indiana Counties	Region		45.6	94.8	140.3
Traffic Operations and Safety Line Item for Allegheny, Beaver and Lawrence Counties	Region		175.4	901.9	1,077.3
Traffic Operations and Safety Line Item for Fayette, Greene, Washington and Westmoreland Counties	Region		19.1	272.1	291.3

Figure 4.12 LRTP Investments - Bridge Capital Maintenance (millions of dollars)

Project	Location	Stage 1	Stage 2	Stage 3	Total
		2015-2018	2019-2022	2023-2040	
Bridge Capital Maintenance					
S.R. 8 Butler Street Bridge over Heths Run	Allegheny				0.0
U.S. 30 Ardmore Blvd Bridge over Electric Ave	Allegheny				0.0
S.R. 51 West Carson Street Viaduct Replacement	Allegheny	0.6			0.6
S.R. 65 Marshall Interchange Rehabilitation	Allegheny				0.0
S.R. 2085 Birmingham Bridge Rehabilitation	Allegheny		34.9		34.9
S.R. 3069 Liberty Bridge Preservation	Allegheny	79.1			79.1
S.R. 3104 McKees Rocks Bridge Phase 2	Allegheny	0.6	18.0		18.6
Glenwood Interchange Bridges	Allegheny	16.9			16.9
Triboro Interchange Bridges	Allegheny				0.0
6th Street Bridge Rehabilitation	Allegheny	1.0	21.0		22.0
7th Street Bridge Rehabilitation	Allegheny	13.5	10.0		23.5
9th Street Bridge Rehabilitation	Allegheny	15.8	7.0		22.8
Coraopolis Bridge Rehabilitation	Allegheny	0.5	16.0		16.5
Dookers Hollow Bridge	Allegheny	4.9	10.0		14.9
Fleming Park Bridge Rehabilitation	Allegheny			15.0	15.0
Glenwood Bridge Rehabilitation	Allegheny			19.0	19.0
Greensburg Pike Bridge Reconstruction / Turtle Creek	Allegheny				0.0
Mansfield Bridge Rehabilitation	Allegheny				0.0
S. 10th Street Bridge Rehabilitation	Allegheny	22.5			22.5
Sixteenth Street Bridge Rehabilitation	Allegheny			18.0	18.0
28th Street Bridge	Allegheny	1.3	12.8		14.1
Charles Anderson Bridge	Allegheny			19.8	19.8
Greenfield Avenue #39 Bridge Replacement	Allegheny	15.3			15.3
McArdle Viaduct #1 Rehabilitation	Allegheny				0.0
S.R. 351 Koppel Bridge Replacement	Beaver	9.8			9.8
Aliquippa-Ambridge Bridge Rehabilitation	Beaver				0.0
Veterans Memorial Bridge	Beaver				0.0
S.R. 228 Mars Railroad Bridge West	Butler				0.0
S.R. 711 Crawford Avenue Bridge	Fayette			44.6	44.6
S.R. 4038 Layton Bridge	Fayette	2.0	67.6		69.6
U.S. 119 Home Railroad Bridge	Indiana		19.1		19.1
S.R. 18 Mahoning Ave over Shenango River Bridge Replacement	Lawrence	11.0			11.0
S.R. 224 State Street Bridge	Lawrence				0.0
S.R. 1022 Donora-Webster Bridge	Washington				0.0
S.R. 2067 Brownsville Low Level Bridge	Washington			60.5	60.5
U.S. 119 Jacobs Creek Bridge	Westmoreland				0.0
S.R. 130 Trafford Bridge Replacement	Westmoreland				0.0
S.R. 136 West Newton Bridge	Westmoreland			20.5	20.5
S.R. 217 Derry Borough Bridge Replacement	Westmoreland	16.9			16.9
S.R. 356 Freeport Bridge	Westmoreland				0.0
S.R. 1060 Salina Bridge	Westmoreland	3.9	11.0		14.9

Figure 4.13 LRTP Investments - New Capacity, Highways and Bridges (millions of dollars)

Project	Location	Stage 1	Stage 2	Stage 3	Total
		2015-2018	2019-2022	2023-2040	
New Capacity, Highways and Bridges					
S.R. 28 Widening / I-579 to East Ohio Street	Allegheny				0.0
S.R. 28, Troy Hill to 31st Street Bridge	Allegheny				0.0
S.R. 286 Widening, U.S. 22 to S.R. 380	Allegheny		15.0	20.0	35.0
S.R. 2031 Lincoln Way Improvement	Allegheny				0.0
S.R. 2082 Hulton Road Bridge Replacement	Allegheny	10.3			10.3
Campbells Run Road Improvements	Allegheny	0.6	19.6		20.2
Freedom Road Upgrade, Phase A	Beaver	30.0			30.0
S.R. 228 Ramps to I-79	Butler				0.0
S.R. 228 Mars Railroad Bridge West	Butler	0.5	40.0	42.0	82.5
Moraine State Park Access	Butler	4.8			4.8
S.R. 21 Masontown Bridge	Fayette				0.0
S.R. 21 Improvements, Thompsons Crossroads	Fayette	6.0			6.0
Rose Street Extension 2	Indiana	21.3			21.3
I-79 Meadowlands Interchange Completion	Washington				0.0
I-79 Meadowlands Auxiliary Lanes	Washington			19.2	19.2