

ENGINEERING FAST FACTS



FAST FACTS

LENGTH OF TURNPIKE

Delaware River to Ohio	359 miles
Northeastern Extension	112 miles
Western Expansions	82 miles
Expansions Include: Beaver Valley Expressway, Southern Beltway, Mon/Fayette Expressway and Greensburg Bypass	
Total Turnpike Miles	553 miles
Total Lane Miles	2,426 miles

TRAFFIC COMPOSITION

Passenger Vehicles	86.3%
Commercial Vehicles (Trucks/Buses)	14.0%

AVERAGE TRAFFIC VOLUME

Total Vehicles	208,254,303
Vehicles per Day	570,560
Vehicles in 1941 (First Full Year of Operation)	2,400,000
Vehicles per Day (1941)	6,575

TOTAL RECONSTRUCTION PROJECTS

YEAR	TOTAL MILES	LOCATION (MP = Milepost)	COUNTY	TOTAL COST (in millions)	# OF LANES ADDED	# OF LANES
2000	5.09 miles	MP 94 - 99	Westmoreland	\$ 33	1.9	5
2001	10.01 miles	MP 186 - 199	Franklin & Huntingdon	\$ 58	0	4
2002	10.41 miles	MP 75 - 85	Westmoreland	\$ 77	12.8	4
2004	12.53 miles	MP 109 - 121	Somerset	\$172	1.95	4
2005	1.69 miles	MP 38 - 40	Allegheny	\$ 19	0	4
	9.00 miles	MP 85 - 94	Westmoreland	\$ 111	9.91	4
2006	1.72 miles	MP 331 - 333	Montgomery	\$ 38	3.43	6
2008	2.55 miles	MP 245 - 247	Dauphin & York	\$190	5.02	6
	5.55 miles	MP 326 - 331	Chester & Montgomery	\$236	9.2	6
2009	9.29 miles	MP 0 - 10	Lawrence & Beaver	\$157	14.72	6
	4.37 miles	MP 210 - 215	Cumberland	\$ 83	8.72	6
2010	1.93 miles	MP 48 - 50	Allegheny	\$232	3.79	6
2011	6.97 miles	MP 67 - 75	Westmoreland	\$196	13.94	6
2012	7.08 miles	MP 31 - 38	Allegheny	\$189	12.68	6
	5.01 miles	MP 215 - 220	Cumberland	\$ 83	10.02	6
	0.69 mile	MP 319 - 320	Chester	\$ 75	0	4
	161 miles	MP A73.5 - A 75.3	Carbon	\$118	0	4
2013	2.40 miles	MP 199 - 202	Franklin & Cumberland	\$ 56	1.91	4
2014	4.03 miles	MP 206 - 210	Cumberland	\$ 55	8.07	6
	5.36 miles	MP A20 - A26	Montgomery	\$225	10.74	6
2015	3.28 miles	MP 99 - 102	Somerset	\$ 39	5.37	5
2016	3.03 miles	MP 44 - 48	Allegheny	\$183	6.06	6
	0.45 miles	MP 250 - 252	Dauphin	\$61	0.91	6
	1.51 miles	MP 351 353	Bucks	\$89	0	0
	2.74 miles	MP A101 - A104	Luzerne	\$41	0	4
2017	6.43 miles	MP 220 - 227	Cumberland	\$145	12.85	6
TOTALS	124.73 miles	STATEWIDE		\$2,960 Billion	143.96	

BRIDGES

Total number of PA Turnpike bridges – 1160 • Average Year – 1971 • Average Age* – 46

*Average age was calculated by using the average year built.

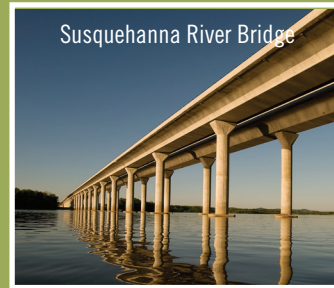
BREAKDOWN OF VARIOUS STRUCTURE TYPES



Major Truss – 3



Reinforced Concrete
Rigid Frame – 38



Segmental – 5



Thru-Plate Girder – 49

MAJOR BRIDGES*

MILEPOST	NAME	BRIDGE NO	LENGTH	HEIGHT**	YEAR OPENED
A074.28	Lehigh River	NB-676A	1,547	84	2012
A074.65	Pohopoco Creek	NB-681A	1,028	120	2012
A088.59	Hawk Falls	NB-610	738	193	1957
A129.70	Clarks Summit	NB-750	1,627	163	1955
T013.21	Beaver River	WB-211	1,546	176	1950
T048.00	Allegheny River	WB-443	2,350	112	2010
T245.72	Susquehanna River	EB-300	5,918	80	2007
T359.00	Delaware River ***	DRB	6,571	137	1956
B015.24	Mahoning River	BV-132	1,700	109	1992
M024.70	Dunlap Creek	MF-195	1,675	186	2011
M026.64	Monongahela River	MF-202A	3,078	213	2012
M040.90	Pigeon Creek/Park Avenue	MF-298	1,788	195	2001
M044.75	Joe Montana	MF-315	2,516	255	2000
S000.10	PA Rt.60/McCaslin Rd.	SB-113	1,545	108	2004

*Major Bridge is defined as a bridge over 1500 ft. in length and/or over 110 ft. in height

**Height was measured from the difference in roadway elevation and normal pool or ground elevation

***Delaware River Bridge is jointly owned with the New Jersey Turnpike Authority

TUNNELS

TUNNEL	TUBE NUMBERS	MILEPOST	DATE OPENED	DIRECTION
Allegheny	1	123.34	10-1-1940	Westbound
Allegheny	2	122.18	3-15-1965	Eastbound
Tuscarora	1	187.21	10-1-1940	Eastbound
Tuscarora	2	186.16	11-26-1968	Westbound
Kittatinny	1	197.38	10-1-1940	Westbound
Kittatinny	2	197.48	11-26-1968	Eastbound
Blue Mountain	1	199.32	10-1-1940	Westbound
Blue Mountain	2	198.50	11-26-1968	Eastbound
Lehigh	1	A70.26	11-7-1957	Northbound
Lehigh	2	A71.56	11-22-1991	Southbound

Tunnels designated as Tube 1 are the original tunnels which allowed a single travel lane in each direction to flow through the tunnel. When traffic demands increased, tunnels designated as Tube 2 were constructed to allow for two travel lanes in each direction and allow for a single traffic direction in each tube.



Allegheny Mountain Tunnel



Tuscarora Tunnel



Kittatinny Mountain Tunnel



Blue Mountain Tunnel



Lehigh Tunnel

ORIGINAL TUNNELS BYPASSED BETWEEN 1964 – 1968



Laurel Hill Tunnel



Rays Hill Tunnel



Sideling Hill Tunnel