

Current Billing Structure/Formula  
5-year Average Percent Usage + Percent Tax Capacity divided by (2)

	Calls/Manhours by Year 2018-2022											Tax Capacity			\$304,205 2022 Operating Costs				
	2018	%	2019	%	2020	%	2021	%	2022	%	Total	%	Average	2023	%	%	Township	Billed	9/20/2023
Blue Hill	745	14.99	820	14.78	873	14.67	1045	16.62	431	8.30	3914	14.00	13.87	\$3,529,361	20.54	0.172058	\$52,340.90	\$47,654	\$52,336
Bogus Brook	71	1.43	140	2.52	301	5.06	96	1.53	38	0.73	646	2.31	2.25	\$778,879	4.53	0.033932	\$10,322.28	\$9,283	\$10,316
Greenbush	601	12.09	665	11.99	805	13.53	1054	16.77	493	9.49	3618	12.95	12.77	\$1,699,419	9.89	0.113315	\$34,470.99	\$32,211	\$34,465
Princeton	957	19.26	1158	20.88	1149	19.31	1149	18.28	1062	20.44	5475	19.59	19.63	\$3,178,695	18.50	0.190654	\$57,997.90	\$53,776	\$57,993
Princeton, City	1402	28.21	1537	27.71	1616	27.16	2101	33.42	2104	40.50	8760	31.34	31.42	\$4,388,337	25.54	0.284785	\$86,633.02	\$80,811	\$86,633
Spencer Brook	575	11.57	597	10.76	452	7.60	409	6.51	521	10.03	2554	9.14	9.29	\$1,580,450	9.20	0.092451	\$28,124.06	\$35,620	\$28,119
Wyanett	618	12.44	630	11.36	755	12.69	432	6.87	546	10.51	2981	10.67	10.77	\$2,029,033	11.81	0.112902	\$34,345.35	\$44,850	\$34,341
<b>Totals</b>	<b>4969</b>	<b>100</b>	<b>5547</b>	<b>100</b>	<b>5951</b>	<b>100</b>	<b>6286</b>	<b>100</b>	<b>5195</b>	<b>100</b>	<b>27948</b>	<b>100</b>	<b>100</b>	<b>\$17,184,174</b>	<b>100</b>	<b>1</b>	<b>\$304,235</b>	<b>\$304,205</b>	<b>\$304,203</b>

Note: The multi-year spreadsheet has been designed with hard rounding in the formulas. The total based on this spreadsheet components totals \$30 more than the actual operating costs that were billed. The spreadsheet has data dating back to 1999.

Proposed MAT Billing Structure/Formula

Average Percent Usage + Percent Tax Capacity (or value) + Percent Population divided by (3)

	Component Percentages			Population			\$304,205 2022 Operating Costs			
	Calls	Tax	Pop	Population	%	%	Township	Billed		
Blue Hill	13.87	20.54	19.04	2612	19.04	0.178179	\$54,202.99	\$47,654		
Bogus Brook	2.25	4.53	4.29	588	4.29	0.03691	\$11,228.27	\$9,283		
Greenbush	12.77	9.89	9.53	1307	9.53	0.107304	\$32,642.56	\$32,211		
Princeton	19.63	18.50	16.63	2281	16.63	0.182532	\$55,527.29	\$53,776		
Princeton, City	31.42	25.54	37.18	5100	37.18	0.313791	\$95,456.72	\$80,811		
Spencer Brook	9.29	9.20	6.15	843	6.15	0.082119	\$24,981.11	\$35,620		
Wyanett	10.77	11.81	7.19	986	7.19	0.099228	\$30,185.80	\$44,850		
<b>Totals</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>13717</b>	<b>100</b>	<b>1</b>	<b>\$304,225</b>	<b>\$304,205</b>		

Note: The current contract includes a second formula for the Equipment and Truck Fund Budget, the 2022 amount was \$10,408. For true comparison purposes and the fact that the MAT contract ONLY includes Operating Expenses, the additional \$10,408 was not factored into this comparison.

The same note about hard rounding also applies here. Due to the addition of a third component, the difference is only \$20. It appears that the use of rounding (number of spaces after the decimal point) was not consistent across components of the spreadsheet. If the billing formula is changed a new spreadsheet will need to be created.

Population was pulled from the State Demographer's website. Assumptions/estimates needed to be made for Bogus Brook, Spencer Brook, and Wyanett as more research needs to be completed to determine if the townships are divided into census blocks that align with the service area.