

Paving Costs 2022 - 2032 - 10 Year Plan

2021 Paser Rating	Last Year Paved	Years Old	Street Name	From	To	Length in ft	Width in feet	Length in tenths	Sq. Yds	AC Binder Thickness	AC Tons Binder	AC Binder Cost	AC Surface Thickness	AC Tons Surface	AC Surface Cost	Milling per Sq Yd	Pulverizing Per Sq Yd	Total Cost	10% Contingency for Undercutting	Grand Total	Budget Year	
5	1980	42	Watertown Plank Rd	Highland Dr	Pilgrim Pkwy	3011	30	0.5703	10037	4	2258	\$ 153,544.00	2	1129	\$ 93,707.00	\$ 53,696.17	\$ 53,696.17	\$ 354,643.33	\$ 35,464.33	\$ 390,107.67	2022	
4	1995	27	Walters Court	Highland Dr	Lone Tree Rd	628	20	0.1189	1396	3.5	275	\$ 18,700.00	1.5	117	\$ 9,711.00	\$ 7,466.22	\$ 7,466.22	\$ 43,343.44	\$ 4,334.34	\$ 47,677.79	2022	
4/5	1997	25	Lone Tree Rd	Watertown Plank Rd	Terrace Ct	1822	20	0.3451	4049	3.5	797	\$ 54,196.00	1.5	341	\$ 28,303.00	\$ 21,661.56	\$ 21,661.56	\$ 125,822.11	\$ 12,582.21	\$ 138,404.32	2022	
4	2001	21	Woodland Ave	Terrace Ct	Juneau Blvd	675	20	0.1278	1500	3.5	295	\$ 20,060.00	1.5	130	\$ 10,790.00	\$ 8,025.00	\$ 8,025.00	\$ 46,900.00	\$ 4,690.00	\$ 51,590.00	2022	
																				\$ 627,779.78	2022	
5	1993	29	Gebhardt Rd	Pilgrim Pkwy	Highland Dr	2500	24	0.4735	6667	3.5	1368	<i>Per the estimate from Ruekert-Mielke including the pathway, shaving down Highland for better sight distance, widening</i>										2023
6/7	1993	29	Highland Dr	Gebhardt Rd	Westover	824	24	0.1561	2197	3.5	435	<i>roadway to 24' standard but with no realignment. *See additional memo from R-M</i>										2023
																				\$ 1,100,000.00	2023	
4	2000	22	Wedgewood E	Wedgewood Dr W	Gebhardt Rd	1109	22	0.21	2711	3.5	533.71	\$ 36,292.28	1.5	228.73	\$ 18,984.59	\$ 14,503.26	\$ 14,503.26	\$ 84,283.38	\$ 8,428.34	\$ 92,711.72		
5	2000	22	Wedgewood W	Wedgewood Dr E	Gebhardt Rd	792	22	0.15	1936	3.5	381.15	\$ 25,918.20	1.5	163.35	\$ 13,558.05	\$ 10,357.60	\$ 10,357.60	\$ 60,191.45	\$ 6,019.15	\$ 66,210.60		
5	2002	20	Westmoor Terrace	Gebhardt Rd	Brojan Dr	1755	24	0.3324	4680	3.5	922	\$ 62,696.00	1.5	395	\$ 32,785.00	\$ 25,038.00	\$ 25,038.00	\$ 145,557.00	\$ 14,555.70	\$ 160,112.70		
5	1997	25	Brojan Dr	Westmoor Terrace	Kata Dr	280	24	0.053	746.7	3.5	147	\$ 9,996.00	1.5	32	\$ 2,656.00	\$ 3,994.67	\$ 3,994.67	\$ 20,641.33	\$ 2,064.13	\$ 22,705.47		
																				\$ 341,740.48		
5/6	1995	27	Highland Dr	North Ave	Club Dr/Tracks	2536	24	0.4803	6763	4	1521.6	\$ 103,468.80	2	760.8	\$ 63,146.40	\$ 36,180.27	\$ 36,180.27	\$ 202,795.47	\$ 20,279.55	\$ 223,075.01		
5	2001	22	Hawthorn Dr	Highland Dr	Highland Dr	1659	20	0.3142	3687	3.5	725	\$ 49,300.00	1.5	311	\$ 25,813.00	\$ 19,723.67	\$ 19,723.67	\$ 94,836.67	\$ 9,483.67	\$ 104,320.33		
																				\$ 327,395.35		
4/5	2004	18	Elmhurst Pkwy WB	124th St	Blue Ridge Blvd	1800	20	0.3409	4000	3.5	790	\$ 53,720.00	2	450	\$ 37,350.00	\$ 21,400.00	\$ 21,400.00	\$ 112,470.00	\$ 11,247.00	\$ 123,717.00		
5/6	2004	18	Elmhurst Pkwy EB	Notre Dame	124th St	2325	20	0.4403	5167	3.5	1018	\$ 69,224.00	2	585	\$ 48,555.00	\$ 27,641.67	\$ 27,641.67	\$ 145,420.67	\$ 14,542.07	\$ 159,962.73		
																				\$ 283,679.73		
Subdivision																						
5	1996	26	Westover Rd	Highland Dr	Sunset Dr	1200	20	0.2273	2667	3.5	1050	\$ 71,400.00	1.5	450	\$ 37,350.00	\$ 14,266.67	\$ 14,266.67	\$ 137,283.33	\$ 13,728.33	\$ 151,011.67		
4/5	2002	21	Greenway Terrace	Hillside Road	Juneau	2800	20	0.5303	6222	3.5	1225	\$ 83,300.00	1.5	525	\$ 43,575.00	\$ 33,288.89	\$ 33,288.89	\$ 193,452.78	\$ 19,345.28	\$ 212,798.06		
5	1992	30	Sunset Dr	Woodlawn Circle	Hillside Rd	1100	20	0.2083	2444	3.5	482	\$ 32,776.00	1.5	206	\$ 17,098.00	\$ 13,077.78	\$ 13,077.78	\$ 76,029.56	\$ 7,602.96	\$ 83,632.51		
5	1992	30	Lakeside Dr	Woodlawn Circle	Juneau	1400	20	0.2652	3111	3.5	612.5	\$ 41,650.00	1.5	262.5	\$ 21,787.50	\$ 16,644.44	\$ 16,644.44	\$ 96,726.39	\$ 9,672.64	\$ 106,399.03		
5	1993	29	Woodlawn Circle	Greenway Terrace	Juneau	3180	20	0.6023	7067	3.5	1392	\$ 94,656.00	1.5	596	\$ 49,468.00	\$ 37,806.67	\$ 37,806.67	\$ 219,737.33	\$ 21,973.73	\$ 241,711.07		
5/6	1992	30	Overhill Rd	Lakeside Dr	Juneau Blvd	1100	20	0.2083	2444	3.5	482	\$ 32,776.00	1.5	206	\$ 17,098.00	\$ 13,077.78	\$ 13,077.78	\$ 76,029.56	\$ 7,602.96	\$ 83,632.51		
5/6	1992	30	Hillside Rd	Overhill Rd	Highland Dr	3300	22	0.625	8067	3.5	1588	\$ 107,984.00	1.5	681	\$ 56,523.00	\$ 43,156.67	\$ 43,156.67	\$ 250,820.33	\$ 25,082.03	\$ 275,902.37		
7	2009	22	Orchard Lane	Hillside Road	Juneau Blvd	1050	20	0.1989	2333	3.5	460	\$ 31,280.00	1.5	197	\$ 16,351.00	\$ 12,483.33	\$ 12,483.33	\$ 72,597.67	\$ 7,259.77	\$ 79,857.43		
7	2011	20	Crestwood Ct	Greenway Terrace	Highland Dr	960	20	0.1818	2133	3.5	420	\$ 28,560.00	1.5	180	\$ 14,940.00	\$ 11,413.33	\$ 11,413.33	\$ 66,326.67	\$ 6,632.67	\$ 72,959.33		
																				\$ 1,307,903.97		
Subdivision																						
6	1993	24	Lilly Rd	Village Limits	Marcella Ave	1528	22	0.2894	3735	3.5	735.35	\$ 50,003.80	1.5	315.15	\$ 26,157.45	\$ 19,982.84	\$ 19,982.84	\$ 116,126.94	\$ 11,612.69	\$ 127,739.63		
5	1993	24	Garfield Ave	Lilly Rd	San Fernando Dr	616	20	0.1167	1369	3.5	269.5	\$ 18,326.00	1.5	115.5	\$ 9,586.50	\$ 7,323.56	\$ 7,323.56	\$ 42,559.61	\$ 4,255.96	\$ 46,815.57		
6	1993	24	Lloyd St	Lilly Rd	San Fernando Dr	616	22	0.1167	1506	3.5	269.5	\$ 18,326.00	1.5	115.5	\$ 9,586.50	\$ 8,055.91	\$ 8,055.91	\$ 44,024.32	\$ 4,402.43	\$ 48,426.75		
5	1993	24	Wrayburn Rd	Lilly Rd	San Fernando Dr	616	22	0.1167	1506	3.5	269.5	\$ 18,326.00	1.5	115.5	\$ 9,586.50	\$ 8,055.91	\$ 8,055.91	\$ 44,024.32	\$ 4,402.43	\$ 48,426.75		
7	1993	24	Grant Place	Lilly Rd	San Fernando Dr	616	22	0.1167	1506	3.5	269.5	\$ 18,326.00	1.5	115.5	\$ 9,586.50	\$ 8,055.91	\$ 8,055.91	\$ 44,024.32	\$ 4,402.43	\$ 48,426.75		
6	1993	24	Marcella Ave	Lilly Rd	San Fernando Dr	616	24	0.1167	1643	3.5	323.4	\$ 21,991.20	1.5	138.6	\$ 11,503.80	\$ 8,788.27	\$ 8,788.27	\$ 51,071.53	\$ 5,107.15	\$ 56,178.69		
7	1993	24	San Fernando Dr	Village Limits	Marcella Ave	1854	22	0.3511	4532	3.5	892.24	\$ 60,672.32	1.5	382.39	\$ 31,738.37	\$ 24,246.20	\$ 24,246.20	\$ 140,903.09	\$ 14,090.31	\$ 154,993.40		
																				\$ 531,007.55		
5	1992	27	Meadow Lane	Bluemound Rd	WTPLK Rd	1535	22	0.2907	3752	3.5	738.72	\$ 50,232.96	1.5	316.59	\$ 26,276.97	\$ 20,074.39	\$ 20,074.39	\$ 116,658.71	\$ 11,665.87	\$ 128,324.58		

Paving Costs 2022 - 2032 - 10 Year Plan

2021 Paser Rating	Last Year Paved	Years Old	Street Name	From	To	Length in ft	Width in feet	Length in tenths	Sq. Yds	AC Binder Thickness	AC Tons Binder	AC Binder Cost	AC Surface Thickness	AC Tons Surface	AC Surface Cost	Milling per Sq Yd	Pulverizing Per Sq Yd	Total Cost	10% Contingency for Undercutting	Grand Total	Budget Year
5	2000	22	Verdant Dr	WTPLK Rd	Luther Lane	1584	22	0.3	3872	3.5	762.3	\$ 51,836.40	1.5	326.7	\$ 27,116.10	\$ 20,715.20	\$ 20,715.20	\$ 120,382.90	\$ 12,038.29	\$ 132,421.19	
6/7	2000	22	Luther Lane	Terrace Dr	Verdant Dr	634	22	0.1201	1550	3.5	305.11	\$ 20,747.48	1.5	130.76	\$ 10,853.08	\$ 8,291.31	\$ 8,291.31	\$ 48,183.18	\$ 4,818.32	\$ 53,001.50	
5/6	2006		Watertown Plank Rd	Highland Dr	Morningside Lane	4220	26	0.8	12191	4	2743	\$ 186,524.00	2	1371.5	\$ 113,834.50	\$ 65,222.44	\$ 65,222.44	\$ 430,803.39	\$ 43,080.34	\$ 473,883.73	
5	2008		Elm Grove Rd	Watertown Plank Rd	Juneau Blvd	1507	20	0.29	3349	4	754	\$ 51,272.00	2	377	\$ 31,291.00	\$ 17,916.56	\$ 17,916.56	\$ 118,396.11	\$ 11,839.61	\$ 130,235.72	
5	2002		St George Ct	Juneau Blvd	Termini	810	22	0.15	1980	3.5	390	\$ 26,520.00	1.5	167	\$ 13,861.00	\$ 10,593.00	\$ 10,593.00	\$ 61,567.00	\$ 6,156.70	\$ 67,723.70	
4/5	2011		Watertown Plank Rd	124th St	300' west of int	Polygon calculation			1556				2	171.16	\$ 14,206.28	\$ 8,324.60	\$ 8,324.60	\$ 30,855.48	\$ 3,085.55	\$ 33,941.03	
5	2008		Stephen Place	Longwood Ave	Longwood Ave	160	24	0.03	426.7	3.5	84	\$ 5,712.00	1.5	36	\$ 2,988.00	\$ 2,282.67	\$ 2,282.67	\$ 13,265.33	\$ 1,326.53	\$ 14,591.87	
5	2003		Florence Dr	Wisconsin Ave	termini north	575	20	0.11	1278	3.5	252	\$ 17,136.00	1.5	107	\$ 8,881.00	\$ 6,836.11	\$ 6,836.11	\$ 39,689.22	\$ 3,968.92	\$ 43,658.14	
5	1976		Grandview Dr	Kurtis Dr	Goat's Hill termini	512	20	0.1	1138	3.5	224	\$ 15,232.00	1.5	96	\$ 7,968.00	\$ 6,087.11	\$ 6,087.11	\$ 35,374.22	\$ 3,537.42	\$ 38,911.64	
5	2002		San Jose	Madera Circle	Juneau Blvd	500	20	0.09	1111	3.5	218.75	\$ 14,875.00	1.5	94	\$ 7,802.00	\$ 5,944.44	\$ 5,944.44	\$ 34,565.89	\$ 3,456.59	\$ 38,022.48	
5	1999		Legion Dr	Nicolet Ave	Brook Ave	430	24	0.08	1147	3.5	225	\$ 15,300.00	1.5	96	\$ 7,968.00	\$ 6,134.67	\$ 6,134.67	\$ 35,537.33	\$ 3,553.73	\$ 39,091.07	
5	2004		Shady Ln	Walnut Rd	Elmhurst Pkwy	655	20	0.12	1456	3.5	287	\$ 19,516.00	1.5	123	\$ 10,209.00	\$ 7,787.22	\$ 7,787.22	\$ 45,299.44	\$ 4,529.94	\$ 49,829.39	
5	1975		Crescent Dr	Watertown Plank	Notre Dame	1640	20	0.31	3644	3.5	717	\$ 48,756.00	1.5	308	\$ 25,564.00	\$ 19,497.78	\$ 19,497.78	\$ 113,315.56	\$ 11,331.56	\$ 124,647.11	
5	1995		Fairhaven	Elmwood	Elmhurst	1240	22	0.23	3031	3.5	596	\$ 40,528.00	1.5	255	\$ 21,165.00	\$ 16,216.44	\$ 16,216.44	\$ 94,125.89	\$ 9,412.59	\$ 103,538.48	
4/5/6	2003		Walnut Rd	Blueridge Blvd	Longwood Ave	1200	20	0.23	2667	3.5	525	\$ 35,700.00	1.5	225	\$ 18,675.00	\$ 14,266.67	\$ 14,266.67	\$ 82,908.33	\$ 8,290.83	\$ 91,199.17	
4/5/6	2003		Walnut Rd	Notre Dame	124 th	2750	20	0.52	6111	3.5	1204	\$ 81,872.00	1.5	515	\$ 42,745.00	\$ 32,694.44	\$ 32,694.44	\$ 190,005.89	\$ 19,000.59	\$ 209,006.48	

Grand Total \$ 9,711,041.00

19 Prices

<u>Assumptions of 3.5" for Binder and 1.5" of Surface on most roads throughout Village</u>		
Cost of Binder	\$ 68.00	Per ton
Cost of Surface	\$ 83.00	Per Ton
Cost of Milling 3"	\$ 5.35	Per Sq Yd
Cost of Pulverizing	\$ 5.35	Per Sq Yd
Cost of undercutting	\$ 50.00	Per ton

Main Roads
Sub Totals