

Major and Local Street Ratings and Resurfacing Plans January 2024

An accurate pavement ratings evaluation is a tool that can provide a basis for comparing the quality of the roadway surface conditions throughout the City. The State of Michigan uses a method developed by the University of Wisconsin-Madison Transformation Center called PASER (Pavement Surface Evaluation and Rating) in rating roadways.

The PASER system rates each road segment on a scale of 1-10, with one being the worst condition and ten being the best condition. The ratings can give an idea of what the expected remaining service life of a roadway is, as well as aid in developing the appropriate maintenance activities.

Ratings	Required Maintenance
9 and 10	preventative maintenance including asphalt rejuvenators
7 and 8	routine maintenance including crack sealing
5 and 6	non-structural preservation including surface treatments
3 and 4	reactive maintenance including mill/overlay procedures
1 and 2	reconstruction

The goal of accurate pavement ratings is to establish a more balanced approach of maximizing road budgets by including maintenance of pavements in fair to good condition versus the often "worst-first" thinking, thus protecting the investment of past construction projects.

Using the PASER ratings can be a valuable tool in the decision making process. We can plan the budget with confidence, knowing there is a planned approach in identifying and prioritizing road projects and applying the right fix to the right pavement at the right time.

Our first PASER rating was completed in 2015 by staff from EMCOG. Tawas City has four staff members who are PASER certified to rate the streets and they have completed the ratings each year since, with the exception of 2021. That year we brought in a third party who is also PASER certified to rate the streets and ensure our ratings were unbiased and where they needed to be.

Based on ratings, traffic flows, other projects, and the budget, resurfacing projects for next six years are identified on the following spreadsheets, along with the current PASER ratings for each of our street segments. The recommended projects for the next six fiscal years are color coded at the top of the page. The resurfacing projects were chosen based on their

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current ratings and/or scheduled projects. Each street segment has an estimated price to crush and shape the streets and the prices are based on a quote we received from Bolen Asphalt Paving with an anticipated 3% increase each year; if any of the segments can be paved with an overlay, the price will be less. The totals for the years include curbing at the intersections, as has been the practice when we've resurfaced with recent projects. You may notice that there are several fiscal years with projects identified that are not included in the totals for those years. They are included in the plan because they will be resurfaced that year; however they coincide with projects identified in other capital improvement plans (e.g., water, sewer, bridges, or drainage) and will not be paid with the funds that are allocated for street paving. For example, on the Major Street Resurfacing Plan, the some of the figures for Ninth Avenue in the 2027-28 fiscal year are not bold and are not included in the totals at the bottom; instead that resurfacing will be included with a water project and will be paid out of the Water Fund. Below is a summary of the funds needed for street paving over the next few years:

	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Major Streets	34,011	33,780	0	76,874	59,397	46,533
Local Streets	100,064	0	91,901	125,892	99,292	68,609
Total	134,075	33,780	91,901	202,766	158,689	115,142

The colors on the spreadsheets correspond with the included map that provides a visual of the streets that will be paved in the next five years. We have also updated the charts that summarize the conditions of our streets based on their PASER ratings for the last nine years. We will continue to update these charts on an annual basis to help track the impact of improvements and routine maintenance on our streets.

In July 2023, the City purchased crack sealing equipment for the DPW. The staff filled approximately 23,000 feet of cracks in our streets, which increased the overall rating of some road segments even though they were not resurfaced.

Each year City staff will update the PASER ratings, and we will continue to update the spreadsheets and always have at least a five-year plan for resurfacing to use as we develop future budgets. This plan is developed with the understanding that priorities may change as we identify other related projects or as other factors may determine, including funding. In addition to resurfacing, we will continue to conduct preventative and routine maintenance on the streets that don't require reconstruction to help prolong their lives.

MAJOR STREET RESURFACING PLAN

PASER		_	_	Length	Width	3%	3%	3%	3%	3%	3%	3%
Rating	Street Name OVERLAY; 1 1/2" HMA;		То	in Feet	in feet	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
1	North Street	10th Avenue	9th Avenue	322	22.83	12,100	12,463	12,836	13,222	13,618	14,027	14,448
1	North Street	11th Avenue	10th Avenue	327	22.83	12,298	12,667	13,047	13,438	13,841	14,257	14,684
1	North Street	Harris Avenue	Randall Street	132	22.83	4,959	5,108	5,261	5,419	5,581	5,749	5,921
1	North Street	Randall Street	11th Avenue	354	22.83	13,290	13,688	14,099	14,522	14,958	15,406	15,869
2	Harris Avenue	city limit	North Street	37	30	1,825	1,879	1,936	1,994	2,054	2,115	2,179
2	1st Street	10th Avenue	9th Avenue	327	22	7,150	7,364	7,585	7,812	8,047	8,288	8,537
2	1st Street	2nd Avenue	1st Avenue	401	22	8,764	9,027	9,298	9,577	9,864	10,160	10,465
2 2	1st Street 1st Street	3rd Avenue 4th Avenue	2nd Avenue 3rd Avenue	327 322	22 22	7,150 7,034	7,364 7,245	7,585 7,463	7,812 7,686	8,047 7,917	8,288 8,155	8,537 8,399
2	1st Street	5th Avenue	4th Avenue	327	22	7,150	7,364	7,585	7,812	8,047	8,288	8,537
2	1st Street	6th Avenue	5th Avenue	338	22	7,380	7,602	7,830	8,065	8,306	8,556	8,812
2	1st Street	7th Avenue	6th Avenue	348	22	7,611	7,839	8,074	8,317	8,566	8,823	9,088
2	1st Street	8th Avenue	7th Avenue	348	22	7,611	7,839	8,074	8,317	8,566	8,823	9,088
2	1st Street	9th Avenue	8th Avenue	364	22	7,957	8,195	8,441	8,695	8,955	9,224	9,501
2	1st Street	Court Street	West Lake Street	301	28	8,366	8,617	8,875	9,141	9,416	9,698	9,989
2 2	1st Street	Harris Avenue	10th Avenue Court Street	132 21	22 22	2,883 461	2,969	3,058 489	3,150 504	3,245 519	3,342 535	3,442 551
2	1st Street 1st Street	Lake State Railway 1st Avenue	Lake State Railway	465	22	11,070	475 11,402	489 11,744	504 12,097	12,460	12,833	13,218
1	9th Avenue	West Lake Street	Lake State Railway	734	24	28,984	29,854	30,749	31,672	32,622	33,601	34,609
3	9th Avenue	5th Street	4th Street	665	24	26,273	27,062	27,873	28,710	29,571	30,458	31,372
3	9th Avenue	6th Street	Industrial Avenue	549	24	21,686	22,337	23,007	23,697	24,408	25,140	25,894
3	9th Avenue	Industrial Avenue	5th Street	84	35	4,865	5,011	5,162	5,317	5,476	5,640	5,810
4	9th Avenue	Lake State Railway	6th Street	111	24	4,379	4,510	4,646	4,785	4,928	5,076	5,229
2	5th Avenue	Mathews Street	Whittemore Street	422	22	15,291	15,750	16,223	16,709	17,211	17,727	18,259
2	6th Avenue	4th Street	Mathews Street	496	24	19,601	20,189	20,794	21,418	22,061	22,723	23,404
3	5th Avenue	Whittemore Street	2nd Street	422	22	15,291	15,750	16,223	16,709	17,211	17,727	18,259
3 4	Mathews Street Mathews Street	6th Avenue 5th Avenue	Hamilton Street Lake State Railway	106 248	24 24	4,170 9,800	4,295 10,094	4,424 10,397	4,557 10,709	4,694 11,030	4,835 11,361	4,980 11,702
4 5	Mathews Street	Hamilton Street	5th Avenue	248	24	9,800 8,219	8,466	8,720	8,981	9,251	9,528	9,814
5	Oak Street	Fir Street	Cedar Street	343	30	16,942	17,450	17,974	18,513	19,069	19,641	20,230
5	Oak Street	German Street	Fir Street	301	30	14,857	15,303	15,762	16,235	16,722	17,223	17,740
5	Oak Street	Lake State Railway	German Street	169	30	8,341	8,591	8,849	9,114	9,388	9,669	9,959
4	Whittemore Street	Lake State Railway	West Lake Street	444	24	17,516	18,041	18,582	19,140	19,714	20,305	20,915
2	5th Avenue	2nd Street	1st Street	665	22	24,084	24,806	25,551	26,317	27,107	27,920	28,757
2	Harris Avenue	North Street	11th Avenue	612	30	30,235	31,142	32,077	33,039	34,030	35,051	36,102
3	German Street	Hemlock Street	Maple Street	855	24	33,780	34,793	35,837	36,912	38,020	39,160	40,335
4 4	Harris Avenue Harris Avenue	11th Avenue 1st Street	1st Street	285 190	30 24	14,075 7,507	14,497	14,932 7,964	15,380	15,842 8,449	16,317 8,702	16,806
4 5	2nd Street	Harris Avenue	10th Avenue 8th Avenue	201	24	7,924	7,732 8,161	7,904 8,406	8,203 8,658	8,449 8,918	9,186	8,963 9,461
5	7th Avenue	Industrial Avenue	4th Street	422	24	15,291	15,750	16,223	16,709	17,211	17,727	18,259
5	Cedar Street	Ottawa Street	Roundhouse Avenue	634	30	31,278	32,216	33,183	34,178	35,204	36,260	37,347
5	Cedar Street	Roundhouse Avenue	city limit	438	30	21,634	22,283	22,951	23,640	24,349	25,080	25,832
5	German Street	Spruce Street	Oak Street	95	24	3,753	3,866	3,982	4,101	4,224	4,351	4,482
5	Industrial Avenue	9th Avenue	7th Avenue	850	24	33,572	34,579	35,616	36,685	37,785	38,919	40,086
5	Oak Street	Cedar Street	Cedar Street	79	30	3,910	4,027	4,148	4,272	4,400	4,532	4,668
5	Roundhouse Avenue	Lake State Railway	Cedar Street	42	34	2,363	2,434	2,507	2,582	2,660	2,740	2,822
5 6	Whittemore Street Cedar Street	5th Avenue Oak Street	4th Avenue Ottawa Street	327 449	24 30	12,928 22,155	13,316 22,820	13,716 23,504	14,127 24,210	14,551 24,936	14,987 25,684	15,437 26,454
6	German Street	Beech Street	Spruce Street	290	24	11,469	22,820 11,813	23,304 12,167	12,532	24,930 12,908	23,084 13,295	20,434 13,694
6	German Street	Maple Street	Beech Street	322	24	12,720	13,101	13,494	13,899	14,316	14,746	15,188
6	German Street	Maple Street	Maple Street	79	24	3,128	3,222	3,318	3,418	3,520	3,626	3,735
6	Whittemore Street	4th Avenue	3rd Avenue	317	24	12,511	12,886	13,273	13,671	14,081	14,504	14,939
8	1st Avenue	1st Street	Wheeler Street	364	22	13,189	13,584	13,992	14,412	14,844	15,289	15,748
8	1st Avenue	Anna Drive	Roberta Drive	338	22	12,233	12,600	12,978	13,367	13,768	14,182	14,607
8	1st Avenue	Manor Drive	Hemlock Street	512	22	18,541	19,097	19,670	20,260	20,868	21,494	22,139
8	1st Avenue	North Street East	Spring Street	354	22	12,807	13,191	13,586	13,994	14,414	14,846	15,292
8 8	1st Avenue 1st Avenue	Roberta Drive Spring Street	Sunset Drive Anna Drive	359 475	22 22	12,998 17,203	13,388 17,719	13,789 18,250	14,203 18,798	14,629 19,362	15,068 19,943	15,520 20,541
8	1st Avenue	Sunset Drive	Manor Drive	359	22	12,998	13,388	13,789	14,203	14,629	15,068	15,520
8	1st Avenue	Wheeler Street	North Street East	327	22	11,851	12,206	12,573	12,950	13,338	13,738	14,151
8	2nd Street	6th Avenue	5th Avenue	333	24	13,137	13,531	13,937	14,355	14,785	15,229	15,686
8	2nd Street	7th Avenue	6th Avenue	359	24	14,179	14,605	15,043	15,494	15,959	16,438	16,931
8	2nd Street	8th Avenue	7th Avenue	338	24	13,345	13,746	14,158	14,583	15,020	15,471	15,935
8	5th Avenue	1st Street	North Street	665	24	26,273	27,062	27,873	28,710	29,571	30,458	31,372
8	5th Avenue	North Street	Roberta Drive	1352	24	53,381	54,982	56,632	58,331	60,081	61,883	63,740
8	5th Avenue	Roberta Drive	Hemlock Street	1373	24	54,215	55,841	57,517	59,242	61,019	62,850	64,735
8	Harris Avenue	10th Avenue	9th Avenue	470	24 24	18,558	19,115	19,688	20,279	20,887	21,514 10 878	22,159
8 8	Harris Avenue Mathews Street	9th Avenue Lake State Railway	2nd Street 4th Avenue	238 58	24 24	9,383 2,294	9,665 2,363	9,955 2,433	10,253 2,506	10,561 2,582	10,878 2,659	11,204 2,739
8	Mathews Street	West Lake Street	4th Avenue	354	24	13,971	2,303 14,390	14,822	15,266	2,382 15,724	16,196	16,682
8	North Street	2nd Avenue	1st Avenue	407	22	14,718	15,160	15,614	16,083	16,565	17,062	17,574
8	North Street	3rd Avenue	2nd Avenue	338	22	12,233	12,600	12,978	13,367	13,768	14,182	14,607
8	North Street	4th Avenue	3rd Avenue	333	22	12,042	12,403	12,775	13,159	13,553	13,960	14,379

PASER				Length	Width	3%	3%	3%	3%	3%	3%	3%
Rating	Street Name	From	То	in Feet	in feet	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
	OVERLAY; 1 1/2" HMA	; 1' SHOULDER GRAVEL										
8	North Street	5th Avenue	4th Avenue	264	22	9,557	9,844	10,139	10,443	10,757	11,079	11,412
8	Whittemore Street	3rd Avenue	Lake State Railway	100	24	3,962	4,081	4,203	4,329	4,459	4,593	4,731
9	4th Street	10th Avenue	9th Avenue	338	22	12,233	12,600	12,978	13,367	13,768	14,182	14,607
9	4th Street	11th Avenue	10th Avenue	317	22	11,469	11,813	12,167	12,532	12,908	13,295	13,694
9	4th Street	12th Avenue	11th Avenue	333	22	12,042	12,403	12,775	13,159	13,553	13,960	14,379
9	4th Street	7th Avenue	6th Avenue	243	22	8,793	9,056	9,328	9,608	9,896	10,193	10,499
9	4th Street	8th Avenue	7th Avenue	343	22	12,424	12,797	13,181	13,576	13,984	14,403	14,835
9	4th Street	9th Avenue	8th Avenue	348	22	12,615	12,994	13,384	13,785	14,199	14,625	15,063
9	4th Street	city limit	12th Avenue	290	22	10,513	10,828	11,153	11,488	11,832	12,187	12,553
9	North Street	6th Avenue	5th Avenue	396	22.83	14,877	15,323	15,783	16,256	16,744	17,246	17,763
9	North Street	7th Avenue	6th Avenue	338	22.83	12,695	13,075	13,468	13,872	14,288	14,717	15,158
9	North Street	8th Avenue	7th Avenue	343	22.83	12,893	13,280	13,678	14,089	14,511	14,947	15,395
9	North Street	9th Avenue	8th Avenue	370	22.83	13,885	14,301	14,730	15,172	15,627	16,096	16,579
9	Oak Street	East Lake Street	Lake State Railway	412	30	20,331	20,941	21,569	22,216	22,882	23,569	24,276
9	Roundhouse Avenue	East Lake Street	Lake State Railway	1040	34	58,194	59,940	61,738	63,590	65,498	67,463	69,487
	CURBS AND GRAVEL											

	11,170	15,120	0	19,150	0	0	
LESS TEDF CATEGORY B GRANT	(21,631)						
LESS 80/20 SHARE WITH COUNTY		(74,642)					
TOTAL OF PROJECTS IDENTIFIED FOR EACH YEAR	34,011	33,780	0	76,874	59,397	46,533	0
	134,075	33,780	91,901	202,766	158,689	115,142	0

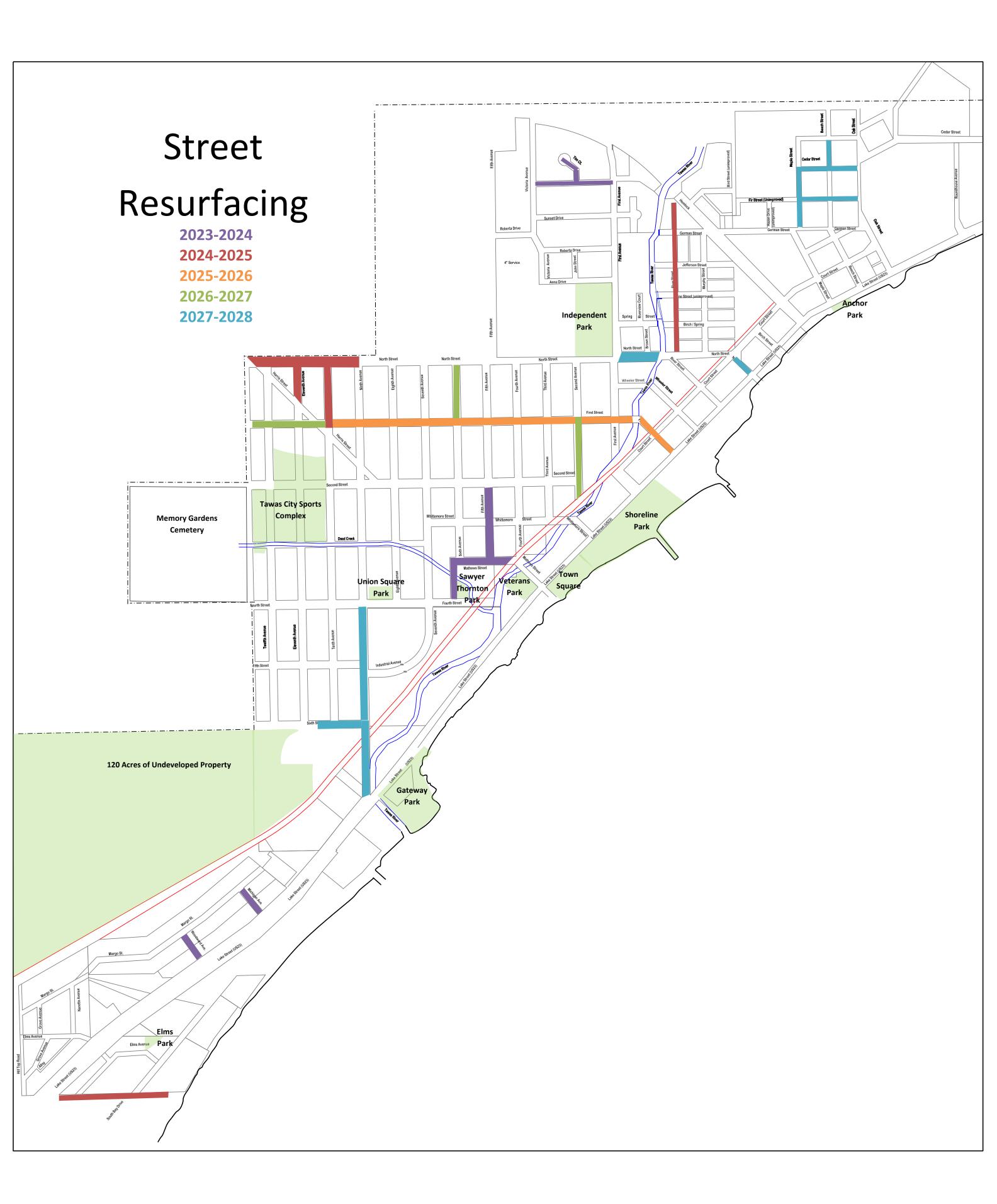
LOCAL STREET RESURFACING PLAN

PASER Rating	Street Name	From	To	Length in Feet	Width in feet	3%	3% 2025-26	3%	3%	3%	3% 2029-30	3% 2030-31
1	10th Avenue	1st Street	North Street	644	22	23,319	24,444	25,177	25,933	26,711	27,512	28,337
1	11th Avenue	Harris Avenue	North Street West	454	22	16,438	17,231	17,748	18,280	18,829	19,394	19,976
1 1	River Street River Street	German Street Jefferson Street	dead end or start German Street	317 375	22 22	11,469 13,571	12,022 14,226	12,382 14,652	12,754 15,092	13,136 15,545	13,531 16,011	13,936 16,491
1	River Street	Lake State Railway	North Street	480	22	17,394	14,220	14,032 18,780	13,092 19,343	13,343 19,924	20,521	21,137
1	River Street	North Street	Spring Street	327	22	11,851	12,422	12,795	13,179	13,574	13,982	14,401
1	River Street	Spring Street	Jefferson Street	628	22	22,746	23,843	24,558	25,295	26,054	26,836	27,641
1	Townline Road	Bay Drive	dead end or start	486	15	11,990	12,568	12,945	13,334	13,734	14,146	14,570
1	Townline Road	Crocker Boulevard	Bay Drive	512	22	18,541	19,435	20,018	20,619	21,237	21,874	22,531
1	Townline Road	West Lake Street	Crocker Boulevard	459	22	16,629	17,431	17,954	18,493	19,048	19,619	20,208
1	1st Street	12th Avenue	Harris Avenue	533	22	19,305	20,237	20,844	21,469	22,113	22,776	23,460
1 1	1st Street 2nd Avenue	Meadowview Road 2nd Street	12th Avenue 1st Street	169 665	22 22	6,117 24,084	6,412 25,246	6,604 26,003	6,802 26,783	7,006 27,586	7,216 28,414	7,433 29,267
1	2nd Avenue	dead end or start	2nd Street	100	22	3,620	3,795	3,909	4,026	4,147	4,271	4,399
1	6th Avenue	1st Street	North Street	655	22	23,702	24,845	25,590	26,358	27,149	27,963	28,802
1	6th Street	9th Avenue	beginning of gravel road	729	22	26,378	27,650	28,479	29,334	30,214	31,120	32,054
1	Cedar Street	Beech Street	Oak Street	322	22	11,660	12,222	12,589	12,966	13,355	13,756	14,169
1	Cedar Street	Maple Street	Beech Street	354	22	12,807	13,424	13,827	14,242	14,669	15,109	15,562
1	Maple Street	Fir Street	Cedar Street	253	22	9,175	9,617	9,906	10,203	10,509	10,824	11,149
1	Maple Street	German Street	Fir Street	333	22	12,042	12,623	13,001	13,392	13,793	14,207	14,633
1 1	North Street North Street	1st Avenue Court Street	dead end or start West Lake Street	385 306	22 24	13,953 12,094	14,626 12,677	15,065 13,058	15,517 13,449	15,983 13,853	16,462 14,269	16,956 14,697
2	Fir Street	Beech Street	Oak Street	312	24	12,034	11,821	12,176	12,541	12,917	13,305	13,704
3	Beech Street	Cedar Street	dead end or start	253	22	9,175	9,617	9,906	10,203	10,509	10,824	11,149
4	Fir Street	Maple Street	Beech Street	338	22	12,233	12,823	13,208	13,604	14,012	14,433	14,866
1	Manor Drive	Tim Court	1st Avenue	407	22	14,718	15,428	15,891	16,367	16,858	17,364	17,885
1	Manor Drive	Victoria Lane	Tim Court	465	22	16,821	17,632	18,161	18,706	19,267	19,845	20,440
1	Michigan Street	West Lake Street	Margo Street	449	22	16,247	17,031	17,542	18,068	18,610	19,168	19,743
1	Tim Court	Manor Drive	dead end or start	296	22	10,704	11,220	11,557	11,904	12,261	12,628	13,007
1	Woodward Street	West Lake Street	Margo Street	417	22	15,100	15,829	16,303	16,793	17,296	17,815	18,350
1 1	7th Avenue	Whittemore Street	dead end or start	116	22	4,199	4,402	4,534	4,670	4,810	4,954	5,103
1	8th Avenue Grove Street	dead end or start Hilltop Road	2nd Street Elms Avenue	230 544	22 22	8,326 19,688	8,728 20,637	8,990 21,256	9,259 21,894	9,537 22,551	9,823 23,227	10,118 23,924
1	Riverview Court	Spring Street	dead end or start	306	22	11,086	11,621	11,970	12,329	12,699	13,080	13,472
1	Spring Street	1st Avenue	Riverview Court	264	22	9,557	10,018	10,319	10,628	10,947	11,275	11,614
1	North Street	Lake State Railway	Court Street	26	22	956	1,002	1,032	1,063	1,095	1,128	1,161
1	Spring Street	Court Street	Lake State Railway	16	22	573	601	619	638	657	677	697
1	Sunset Drive	Victoria Lane	1st Avenue	871	22	31,539	33,060	34,051	35,073	36,125	37,209	38,325
1	Victoria Lane	Sunset Drive	Manor Drive	359	22	12,998	13,625	14,033	14,454	14,888	15,335	15,795
2	11th Avenue	4th Street	dead end or start	576	22	20,835	21,839	22,495	23,169	23,865	24,580	25,318
2 2	1st Avenue Anna Drive	dead end or start John Street	1st Street 1st Avenue	301 433	22 22	10,895 15,674	11,421 16,430	11,763 16,923	12,116 17,430	12,480 17,953	12,854 18,492	13,240 19,046
2	Anna Drive	Victoria Lane	John Street	455 359	22	12,998	18,430	16,923	17,450 14,454	17,955 14,888	16,492	19,046 15,795
2	Court Street	River Street	North Street	496	28	22,868	23,971	24,690	25,430	26,193	26,979	27,788
2	Elms Avenue	Grove Street	Nanette Street	269	22	9,748	10,218	10,525	10,841	11,166	11,501	11,846
2	Elms Avenue	Margo Street	Elms Avenue	74	22	2,676	2,805	2,889	2,976	3,065	3,157	3,252
2	Grove Street	Margo Street	Elms Avenue	354	22	12,807	13,424	13,827	14,242	14,669	15,109	15,562
2	Margo Street	Grove Street	Nanette Street	401	22	14,527	15,227	15,684	16,155	16,639	17,139	17,653
2	Margo Street	Grove Street	city limit	227	22	8,219	8,616	8,874	9,140	9,414	9,697	9,988
2	Margo Street	Michigan Street	dead end or start	327	22	11,851	12,422	12,795	13,179	13,574	13,982	14,401
2 2	Margo Street Victoria Lane	Woodward Street Manor Drive	Michigan Street Hemlock Street	797 803	22 22	28,863 29,054	30,255 30,455	31,162 31,369	32,097 32,310	33,060 33,279	34,052 34,277	35,073 35,306
2	Victoria Lane	Roberta Drive	Sunset Drive	185	22	6,690	7,013	7,223	7,440	7,663	7,893	8,130
2	Wheeler Street	Court Street	Lake State Railway	16	22	573	601	619	638	657	677	697
2	Wheeler Street	Lake State Railway	dead end or start	301	22	10,895	11,421	11,763	12,116	12,480	12,854	13,240
2	Wheeler Street	West Lake Street	Court Street	296	22	10,704	11,220	11,557	11,904	12,261	12,628	13,007
3	10th Avenue	Harris Avenue	2nd Street	480	22	17,394	18,233	18,780	19,343	19,924	20,521	21,137
3	2nd Street	5th Avenue	4th Avenue	327	22	11,851	12,422	12,795	13,179	13,574	13,982	14,401
3	4th Avenue	Lake State Railway	Whittemore Street	306	22	11,086	11,621	11,970	12,329	12,699	13,080	13,472
3 3	7th Avenue	1st Street	2nd Street	665	22	24,084	25,246	26,003	26,783	27,586	28,414	29,267
3	Court Street Court Street	1st Street Birch Street	Wheeler Street Hemlock Street	359 391	28 22	16,543 14,145	17,340 14,827	17,861 15,272	18,396 15,730	18,948 16,202	19,517 16,688	20,102 17,188
3	Court Street	North Street	Birch Street	407	22	14,145	15,428	15,891	16,367	16,858	17,364	17,885
3	Court Street	Wheeler Street	River Street	370	28	17,029	17,850	18,386	18,937	19,506	20,091	20,693
3	Crocker Boulevard	Townline Road	Elms Avenue	502	22	18,159	19,034	19,605	20,194	20,799	21,423	22,066
3	Elms Avenue	West Lake Street	Crocker Boulevard	275	22	9,939	10,419	10,731	11,053	11,385	11,726	12,078
3	German Street	Murphy Street	Hemlock Street	111	29	5,291	5,546	5,713	5,884	6,061	6,242	6,430
3	German Street	River Street	Murphy Street	312	22	11,277	11,821	12,176	12,541	12,917	13,305	13,704
3	Margo Street	Nanette Street	Woodward Street	1378	22	49,888	52,294	53,863	55,479	57,143	58,858	60,623
3	Nanette Street	Elms Avenue	Margo Street	554	22	20,070	21,038	21,669	22,319	22,989	23,678	24,389
3 3	Ottawa Street Victoria Lane	Cedar Street Anna Drive	city limit Roberta Drive	375 327	22 22	13,571 11,851	14,226 12,422	14,652 12,795	15,092 13,179	15,545 13,574	16,011 13,982	16,491 14,401
5 4	8th Avenue	2nd Street	1st Street	527 660	22	23,893	12,422 25,045	12,795 25,797	15,179 26,570	27,368	13,982 28,189	14,401 29,034
•						2,200	_, _	_,	2,270	,	,,_00	.,

PASER				Length	Width	3%	3%	3%	3%	3%	3%	3%
Rating	Street Name	From	То	in Feet	in feet	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
4	Beech Street	Fact Laka Street	Lako Stato Bailway	306	22	11.096	11,621	11.070	12 220	12 600	12.090	12 472
4 4	Beech Street	East Lake Street Lake State Railway	Lake State Railway Court Street	21	22 22	11,086 765	801	11,970 825	12,329 850	12,699 876	13,080 902	13,472 929
4	Court Street	Hemlock Street	Maple Street	465	20	15,291	16,029	16,510	17,005	17,515	18,041	18,582
4	Court Street	Maple Street	Beech Street	364	20	11,990	12,568	12,945	13,334	13,734	14,146	14,570
4	Elms Avenue	Crocker Boulevard	Bay Drive	560	20	20,261	21,238	21,875	22,532	23,208	23,904	24,621
4	Hilltop Road	Townline Road	Grove Street	195	22	7,072	7,413	7,636	7,865	8,101	8,344	8,594
4	Spruce Street	Maple Street	Beech Street	385	22	13,953	14,626	15,065	15,517	15,983	16,462	16,956
4	Victoria Lane	Roberta Drive	Roberta Drive	190	22	6,881	7,213	7,429	7,652	7,882	8,118	8,362
4	Whittemore Street	6th Avenue	5th Avenue	338	22	12,233	12,823	13,208	13,604	14,012	14,433	14,866
5	2nd Avenue	1st Street	North Street	148	22	5,352	5,610	5,778	5,952	6,130	6,314	6,504
5	2nd Street	10th Avenue	Harris Avenue	512	22	18,541	19,435	20,018	20,619	21,237	21,874	22,531
5	4th Avenue	Whittemore Street	2nd Street	428	22	15,483	16,229	16,716	17,218	17,734	18,266	18,814
5	7th Avenue	North Street	1st Street	644	22	23,319	24,444	25,177	25,933	26,711	27,512	28,337
5	9th Avenue	1st Street	North Street	475	22	17,203	18,033	18,574	19,131	19,705	20,296	20,905
5	9th Avenue	Harris Avenue	1st Street	475	22	17,203	18,033	18,574	19,131	19,705	20,296	20,905
5	Bay Drive	Elms Avenue	West Lake Street	1975	22	71,487	74,935	77,183	79,499	81,884	84,340	86,870
5	Bay Drive	Townline Road	Elms Avenue	459	22	16,629	17,431	17,954	18,493	19,048	19,619	20,208
5	Birch Street	West Lake Street	Court Street	306	22	11,086	11,621	11,970	12,329	12,699	13,080	13,472
5	Elms Avenue	Nanette Street	West Lake Street	275	22	9,939	10,419	10,731	11,053	11,385	11,726	12,078
5	Murphy Street	North Street	Spring Street	338	22	12,233	12,823	13,208	13,604	14,012	14,433	14,866
5	Spring Street	River Street	Murphy Street	317	22	11,469	12,022	12,382	12,754	13,136	13,531	13,936
5	Wheeler Street	1st Avenue	dead end or start	248	22	8,984	9,417	9,700	9,990	10,290	10,599	10,917
6	7th Avenue	2nd Street	Whittemore Street	422	22	15,291	16,029	16,510	17,005	17,515	18,041	18,582
8	10th Avenue	beginning of gravel road	4th Street	243	22	8,793	9,217	9,493	9,778	10,071	10,373	10,685
8	4th Avenue	1st Street	North Street	655	22	23,702	24,845	25,590	26,358	27,149	27,963	28,802
8	4th Avenue	2nd Street	1st Street	660	22	23,893	25,045	25,797	26,570	27,368	28,189	29,034
8	6th Avenue	2nd Street	1st Street	660	22	23,893	25,045	25,797	26,570	27,368	28,189	29,034
8	6th Avenue	Mathews Street	Whittemore Street	417	22	15,100	15,829	16,303	16,793	17,296	17,815	18,350
8 8	6th Avenue	Whittemore Street 1st Street	2nd Street North Street	422 644	22 22	15,291	16,029	16,510	17,005	17,515	18,041	18,582
8	8th Avenue Beech Street	Fir Street	Cedar Street	333	22	23,319 12,042	24,444 12,623	25,177 13,001	25,933 13,392	26,711 13,793	27,512 14,207	28,337 14,633
8	Beech Street	German Street	Fir Street	322	22	12,042 11,660	12,823	12,589	12,966	13,355	14,207	14,055
8	North Street	Murphy Street	Lake State Railway	253	22	9,175	9,617	9,906	10,203	10,509	10,824	11,149
8	North Street	River Street	Murphy Street	312	22	11,277	11,821	12,176	12,541	12,917	13,305	13,704
8	Spring Street	Murphy Street	dead end or start	359	22	12,998	13,625	14,033	14,454	14,888	15,335	15,795
8	Whittemore Street	7th Avenue	6th Avenue	354	22	12,807	13,424	13,827	14,242	14,669	15,109	15,562
9	10th Avenue	4th Street	dead end or start	565	22	20,452	21,439	22,082	, 22,744	23,427	24,129	24,853
9	10th Avenue	5th Street	beginning of gravel road	417	22	15,100	15,829	16,303	, 16,793	17,296	17,815	18,350
9	11th Avenue	4th Street	5th Street	655	22	23,702	24,845	25,590	26,358	27,149	27,963	28,802
9	12th Avenue	5th Street	4th Street	649	22	23,511	24,644	25,384	26,145	26,930	27,738	28,570
9	2nd Street	3rd Avenue	2nd Avenue	312	22	11,277	11,821	12,176	12,541	12,917	13,305	13,704
9	2nd Street	4th Avenue	3rd Avenue	322	22	11,660	12,222	12,589	12,966	13,355	13,756	14,169
9	3rd Avenue	1st Street	North Street	569	22	20,598	21,592	22,240	22,907	23,594	24,302	25,031
9	3rd Avenue	2nd Street	1st Street	590	22	21,359	22,389	23,061	23,752	24,465	25,199	25,955
9	3rd Avenue	Whittemore Street	2nd Street	315	22	11,403	11,953	12,312	12,681	13,062	13,454	13,857
9	Beech Street	Court Street	Spruce Street	285	22	10,322	10,820	11,144	11,478	11,823	12,177	12,543
9	Beech Street	Spruce Street	German Street	111	22	4,014	4,208	4,334	4,464	4,598	4,736	4,878
9	Court Street	dead end or start	1st Street	618	22	22,364	23,442	24,146	24,870	25,616	26,385	27,176
9	Roberta Drive	5th Avenue	Victoria Lane	444	22	16,056	16,830	17,335	17,855	18,391	18,943	19,511
9	Roberta Drive	John Street	1st Avenue	797	22	28,863	30,255	31,162	32,097	33,060	34,052	35,073
9	Roberta Drive	Victoria Lane	John Street	375	22	13,571	14,226	14,652	15,092	15,545	16,011	16,491
	CURBS AND GRAVEL											
						16,400	0	8,951	9,775	15,000	6,250	
			LESS TEDF CATEGOR	RY B GRANT		(80,284)						
		TOTAL	OF PROJECTS IDENTIFIED FOR	EACH YEAR		100,064	0	91,901	125,892	99,292	68,609	0

134,075 33,780 91,901 202,766 158,689 115,142

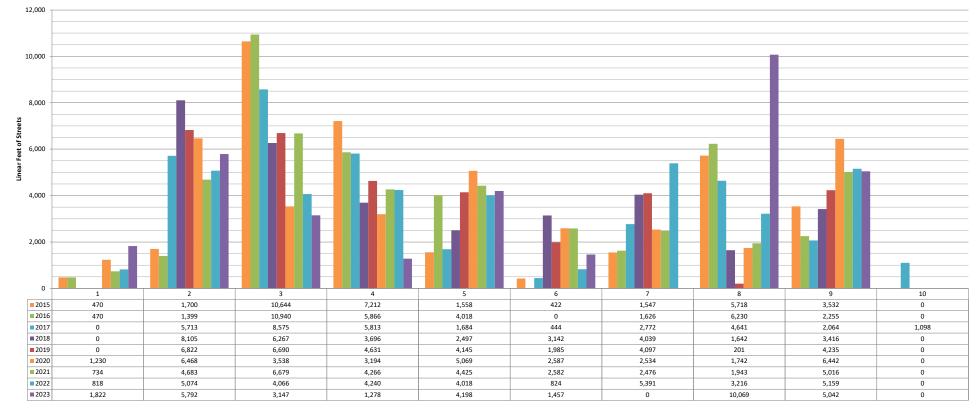
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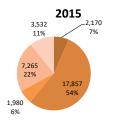


CITY OF TAWAS CITY BRIDGE RECONSTRUCTION PLAN

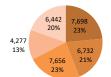
Street Name	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
DESCRIPTION OF WORK						
General Fund contribution	100,000	100,000	100,000	100,000	0	24,520
transfer from reserves						
bridge maintenance - Mathews Street						
bridge maintenance - First Street						
bridge maintenance - Sixth Avenue				(400,000)		
bridge maintenance - Whittemore Street						(25,000)
BRIDGE RECONSTRUCTION FUND	100,480	200,480	300,480	480	480	0

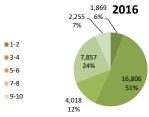
Major Street PASER Ratings











4,419

14%

1-2

3-4

5-6

7-8

9-10

2021

5,417

10,945 33%

5,016

15% 17%

7,007 21%

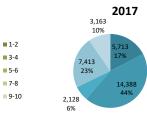
1-2

3-4

5-6

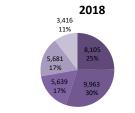
7-8

9-10



2022





1-2

3-4

5-6

7-8

9-10

1-2

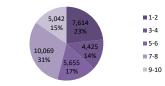
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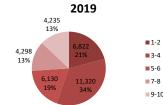
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7-8

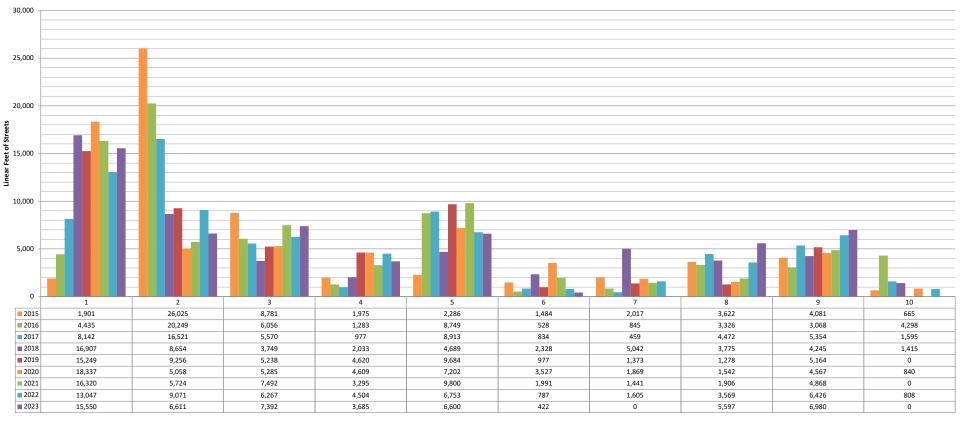
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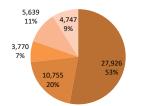
2023



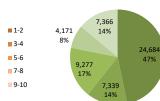


5-6 7-8 9-10

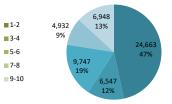


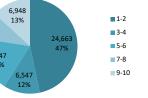


2015

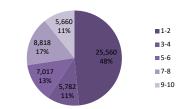


2016

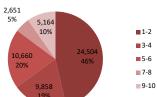




2017

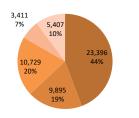


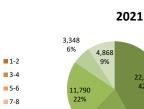
2018



2019

2020





9-10



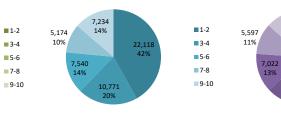
3-4

7-8

22,044

42%

10,787 21%



2023

22,160 42%

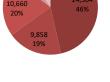
1-2

3-4

5-6

7-8

9-10



6,980

13%

11,077

21%