



ALLEGAN COUNTY

PRIMARY ROAD MILLAGE

JANUARY 3-5, 2023



TOPICS

- **ALLEGAN COUNTY ROAD COMMISSION INFORMATION**
- **MILLAGE HISTORY & GUIDELINES**
- **2022 COMPLETED PROJECTS**
- **2023 PROPOSED PROJECTS**
- **FUTURE PROPOSED PROJECTS**
- **DISCUSSION & QUESTIONS**



ALLEGAN COUNTY ROAD COMMISSION INFORMATION

- Responsible for 1,800 miles (5th in State) of roadway and 154 bridges (9th in State) within 24 townships (4th in the State)
 - 522 Primary Miles
 - 493 miles paved
 - 29 miles gravel
 - 1278 Local Miles
 - 680 miles paved
 - 598 miles gravel
 - 67 miles seasonal, not maintained in winter
 - 155 Bridges
 - 50 Primary System
 - 105 Local System
 - Bridge Classification: A structure with a minimum span of 20'
(Can be a combination of culverts)





2021 ROAD COMMISSION REVENUES

The Road Commission receives revenue through the Michigan Transportation Fund (MTF) from fuel tax and vehicle registrations. This revenue is primarily used to pay operating and maintenance costs of the roads in Allegan County including payroll, equipment, materials, utility cost, etc. The Road Commission's MTF revenue was \$16,982,773.

Federal and State funding acquired for roads and bridges totaled \$1,252,786.

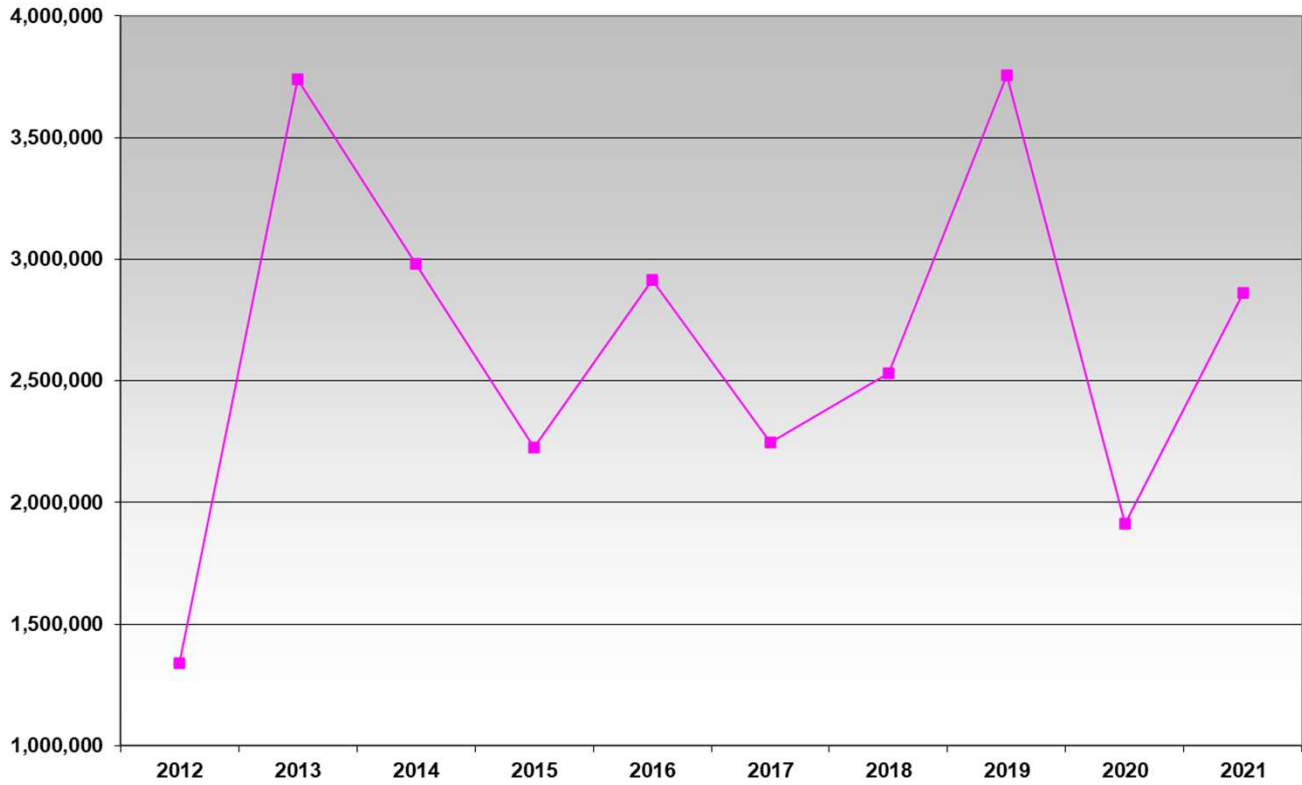
Local Revenue:

The Primary Millage raised \$4,024,321 and township contributions added an additional \$9,657,260.76 for preventative maintenance and improvements to the local road system and activities like shoulder paving on the primary road system.

Locally raised revenues in Allegan County are consistently higher than most road commissions in the state.



Winter Maintenance



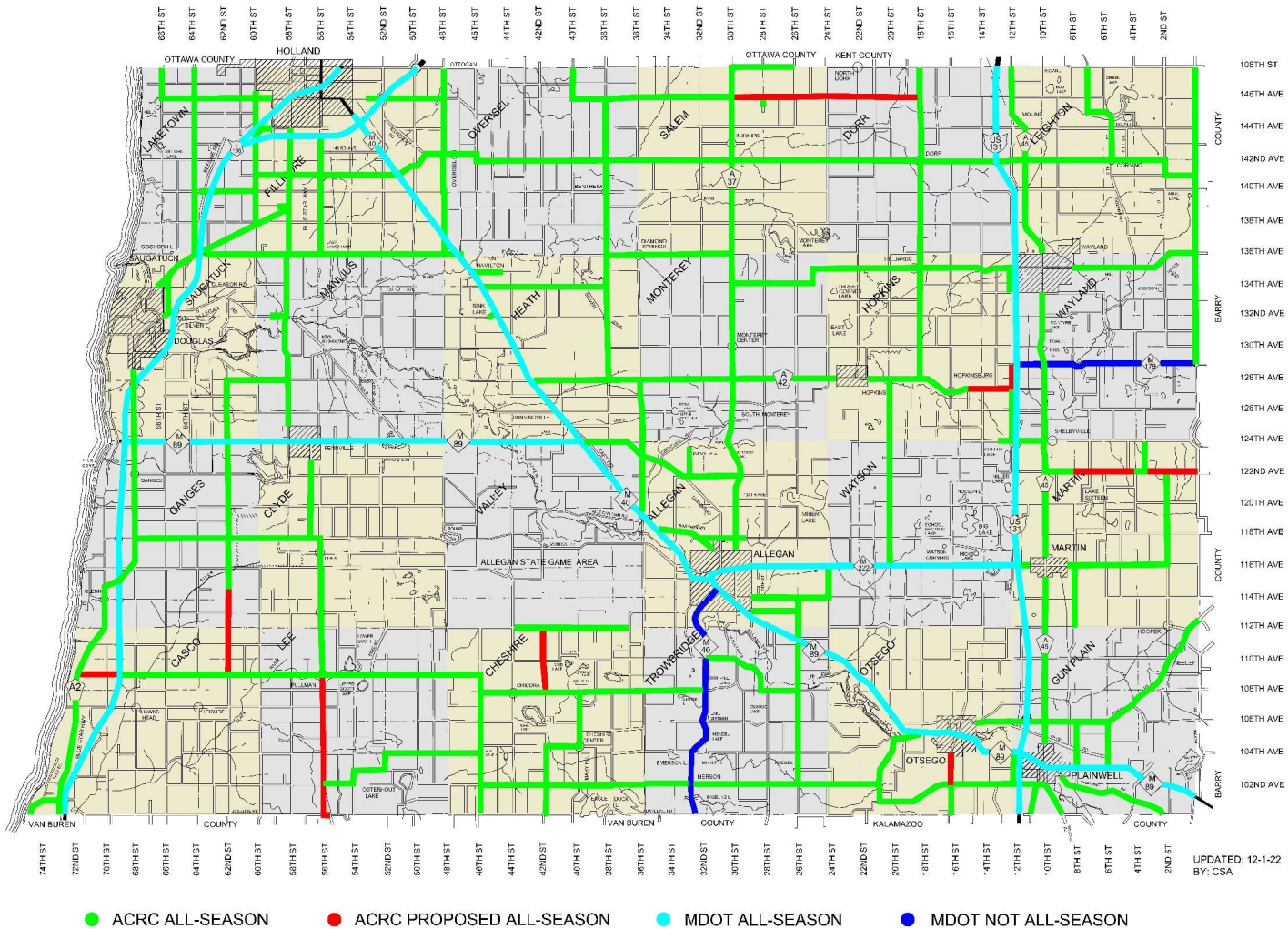
HOT MIX ASPHALT PRICES

YEAR	Local Roads			Primary Roads		
	(\$/ton)	Yearly Change	% Change	(\$/ton)	Yearly Change	% Change
2005	\$27.26			\$24.79		
2006	\$34.00	\$6.74	24.7%	\$33.27	\$8.48	34.2%
2007	\$39.38	\$5.38	15.8%	\$38.83	\$5.56	16.7%
2008	\$54.72	\$15.34	39.0%	\$48.50	\$9.67	24.9%
2009	\$46.91	-\$7.81	-14.3%	\$47.63	-\$0.87	-1.8%
2010	\$48.33	\$1.42	3.0%	\$49.92	\$2.29	4.8%
2011	\$44.14	-\$4.19	-8.7%	\$43.59	-\$6.33	-12.7%
2012	\$49.82	\$5.68	12.9%	\$50.49	\$6.90	15.8%
2013	\$53.22	\$3.40	6.8%	\$53.60	\$3.11	6.2%
2014	\$51.01	-\$2.21	-4.2%	\$52.48	-\$1.12	-2.1%
2015	\$52.28	\$1.27	2.5%	\$58.40	\$5.92	11.3%
2016	\$49.07	-\$3.21	-6.1%	\$52.36	-\$6.04	-10.3%
2017	\$48.34	-\$0.73	-1.5%	\$53.32	\$0.96	1.8%
2018	\$49.69	\$1.35	2.8%	\$50.81	-\$2.51	-4.7%
2019	\$60.87	\$11.18	22.5%	\$60.18	\$9.37	18.4%
2020	\$65.35	\$4.48	7.4%	\$60.64	\$0.46	0.8%
2021	\$66.00	\$0.65	1.0%	\$61.00	\$0.36	0.6%
2022	\$62.48	-\$3.52	-5.3%	\$62.83	\$1.83	3.0%
*2023	\$71.85	\$5.85	15.0%	\$72.25	\$11.25	15.0%

*Projected



ALL-SEASON ROUTES



UPDATED: 12-1-22
BY: CSA



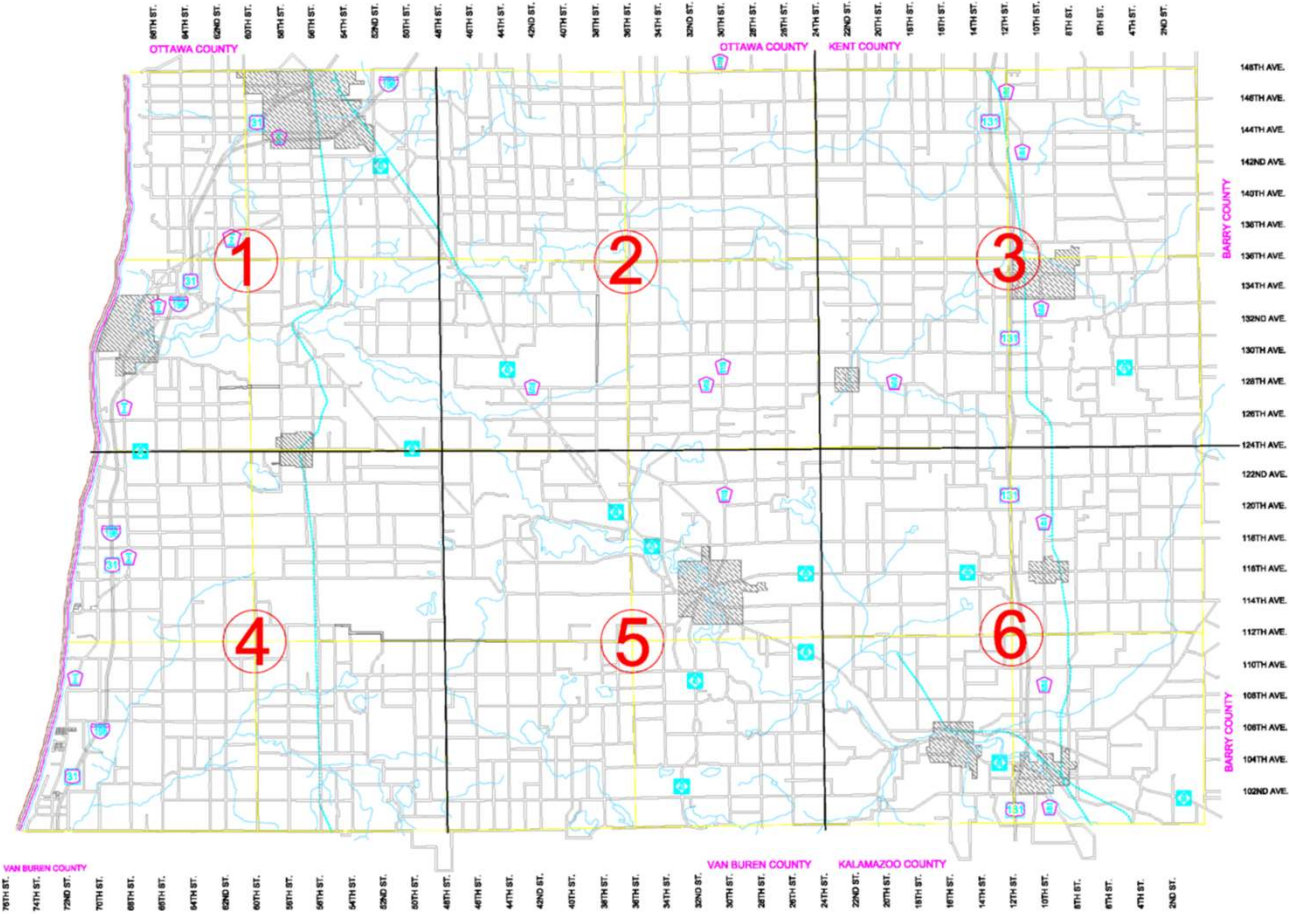


ALLEGAN COUNTY MILLAGE HISTORY

- 1968 a one mill tax was established for bridge & culvert replacement on county roads.
 - 1968-1982 there were 111 bridges and culverts replaced with the millage.
- 1982 the millage language changed from bridge and culvert replacement to primary road resurfacing.
- 2008 the millage language was revised again to include “preservation and preparation” along with resurfacing.
- 2023 is the 5th year of the renewed 6-year millage.



6 PRIMARY MILLAGE AREAS



MILLAGE AREA MILEAGE

Area	Township	Primary (Miles)	Total (Miles)	% of Area	% of Total	Ranking (Miles)
1	Laketown	17.7	78.5	22.5%	15.1%	4th
	Fillmore	27.4		34.9%		
	Saugatuck	21.1		26.9%		
	Manlius	12.4		15.7%		
2	Overisel	18.2	71.0	25.6%	13.7%	6th
	Salem	19.6		27.6%		
	Heath	14.3		20.1%		
	Monterey	18.9		26.6%		
3	Dorr	22.0	97.1	22.7%	18.7%	2nd
	Leighton	24.7		25.5%		
	Hopkins	23.0		23.6%		
	Wayland	27.4		28.2%		
4	Ganges	33.3	104.1	32.0%	20.0%	1st
	Clyde	18.7		18.0%		
	Casco	29.9		28.7%		
	Lee	22.3		21.4%		
5	Valley	17.0	91.4	18.6%	17.6%	3rd
	Allegan	30.4		33.2%		
	Cheshire	26.5		29.0%		
	Trowbridge	17.6		19.3%		
6	Watson	14.1	77.9	18.0%	15.0%	5th
	Martin	21.9		28.1%		
	Otsego	18.5		23.7%		
	Gun Plain	23.5		30.2%		



FINANCIAL GUIDELINES

- Millage Revenue:
 - ~30% to Cities & Villages
 - ~70% to Road Commission
- Road Commission's Revenue:
 - Split equally between 6 areas
 - Each area contains 4 townships
 - Each area carries a balance from year to year
- Township Contributions – Primary Roads:
 - Shoulder Paving – (2" of asphalt) x (additional shoulder width) x (project length) x (contracted unit price)
 - Renovation Projects - \$35,000/mi
 - Work outside existing road shoulders (widening, clearing, ditching)
 - Reconstruction Projects - \$50,000/mi
 - Existing gravel road with full base/sub-base reconstruction
 - Crush, Shape, & Resurface or Mill & Resurface Projects within existing shoulders won't require contributions
- Road Commission Responsibility:
 - Develop plan/proposed projects
 - Present to townships
 - Oversee projects



PROJECT SELECTION

- **Current Pavement Conditions:**
 - Pavement Surface Evaluation & Ratings (PASER)
- **Road History:**
 - When & how was the road constructed & paved
 - Last resurfacing or preventative maintenance
- **Other Considerations:**
 - Cause of Pavement Distresses (traffic loads, poor soils, poor drainage, age, etc.)
 - Traffic Volumes (Commercial Volumes)
 - All-Season Routes
 - Maintenance Costs
 - Project Costs
 - Safety



PASER RATING GUIDLINES

- Good Ratings: 8, 9, & 10
 - No maintenance required
- Fair Ratings: 5, 6, & 7
 - 7 - Crack Seal
 - 5 or 6 - Chip and Fog Seal
- Poor Ratings: 1, 2, 3, & 4
 - Time to Resurface
 - Milling, Crush & Shape, or Reconstruction extends pavement life
- Rating resets when treatment is completed
 - Reconstruction: 10
 - Resurface: 9
 - Chip Seal: 8
 - Crack Seal: Does not reset rating but extends pavement life

Asphalt PASER

Modified for Michigan TAMC Data Collection
 ♦ Denotes Priority Distress

	Asphalt 10	Asphalt 9	Asphalt 8
Good	New construction No defects Less than 1 year old Only a "10" for 1 year <u>Recent base improvement</u> No action required	Like new condition No defects More than 1 year old <u>Recent overlay with or without a crush and shape</u> No action required	♦ Occasional transverse crack >40' apart ♦ Crack width tight (hairline) or sealed Few if any longitudinal cracks on joints <u>Recent seal coat or slurry seal (*see below)</u> Little or no maintenance required
	Asphalt 7	Asphalt 6	Asphalt 5
Fair	♦ Trans. cracks 10'-40' apart ♦ Cracks open < ¼" Little or no crack erosion Little or no raveling Few if any patches in good condition <u>First signs of wear</u> Suggested Action Maintain with crack seal	♦ Trans. cracks less than 10' apart ♦ Initial block cracking (6'-10' blocks) ♦ Cracks open ¼" - ½" Blocks are large and stable Slight to moderate polishing or flushing No patches or few in good condition Slight raveling <u>Sound structural condition</u> Suggested Action Maintain with sealcoat	♦ Secondary cracks (crack raveling) ♦ Moderate block cracking (1' - 5' blocks) ♦ First sign of longitudinal cracks at edge ♦ Cracks open >½" Patching/wedging in good condition Moderate raveling Extensive to severe flushing & polishing <u>Sound structural condition</u> Suggested Action Maintain with sealcoat or thin overlay
	Asphalt 4	Asphalt 3	Asphalt 2
Poor	♦ Longitudinal cracking in the wheel paths ♦ Rutting ½" - 1" deep ♦ Severe block cracking: <1' blocks Severe surface raveling Multiple longitudinal & transverse cracks with slight crack erosion Patching in fair condition <u>First signs of structural weakening</u> Suggested Action Structural overlay >2"	♦ < 25% alligator cracking (first signs) ♦ Moderate rutting 1" - 2" deep ♦ Severe block cracking (Alligator) Longitudinal & transverse cracks showing extensive crack erosion Occasional potholes Patches in fair/poor condition Suggested Action Structural overlay >2" Patching & repair prior to a major overlay Milling would extend overlay life	♦ > 25% alligator cracking ♦ Severe rutting or distortion >2" Closely spaced cracks with erosion Frequent potholes Extensive patches in poor condition Suggested Action Reconstruction with base repair Crush and shape possible
			Asphalt 1
			Loss of surface integrity Extensive surface distress Suggested Action Reconstruction with base repair



MILLAGE PROJECT TOTALS

- From 1983-2022 the millage has raised \$85,428,284 which has funded:
 - 724.27 miles of paving (21.93 in 2022)
 - *Some roads have been resurfaced multiple times
 - 263.13 miles of chip seal & fog coat (39.59 in 2022)
 - 322.64 miles of crack sealing (22.97 in 2022)
 - 14 large culvert replacements
- ACRC Contributions (MTF) in 2022
 - ~\$1,598,000 to fund or supplement millage funds on 3 primary projects



**PRIMARY ROAD RESURFACING MILLAGE FUND
2022 COMPLETED PROJECTS**

AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	MILLAGE FUND COSTS	TOWNSHIP & OTHER CONTRIBUTIONS	TOTAL COSTS
1	Laketown	64th Street - 142nd Avenue to 32nd Street	Mill and Resurface, HMA 4E1 - 220 #/syd	2.97	\$578,735.31		\$578,735.31
	Laketown, Fillmore & Manlius	60th Street & 136th Avenue - Blue Star Highway to 58th Street	Resurface, HMA 4E1 - 220 #/syd	1.90	\$150,975.75	Federal (STP) \$320,000.00	\$470,975.75
	Laketown, Fillmore & Saugatuck	140th Avenue - 64th Street to 60th Street; 63rd Street & 136th Avenue - Blue Star Highway to 60th Street; 141st Avenue/Fillmore Road/142nd Avenue - 60th Street to 48th Street	Chip and Fog Seal	10.07	\$192,420.91	ACRC (MTF) \$50,000.00	\$242,420.91
	Saugatuck & Manlius	128th Avenue - 62nd Street to 58th Street; Lakeshore Drive - south of 130th Avenue; 130th Avenue (Wiley Road) - Lakeshore Drive to Douglas City Limits	Crack Seal	3.46	\$15,584.28		\$15,584.28
SUB-TOTAL AREA 1				18.40	\$937,716.25	\$370,000.00	\$1,307,716.25
2	Salem	30th Street - 140th Avenue to Ottogan Street	Mill and Resurface, HMA 4E1 - 220 #/syd	3.91	\$635,747.88		\$635,747.88
	Overisel	38th Street - 142nd Avenue to 146th Avenue; 36th Street - 125th Avenue to 128th Avenue	Chip and Fog Seal	3.50	\$94,317.80		\$94,317.80
	Overisel	40th Street - 146th Avenue to county line; 146th Avenue - 40th Street to 38th Street	Crack Seal	2.03	\$9,143.39		\$9,143.39
SUB-TOTAL AREA 2				9.44	\$739,209.07	\$0.00	\$739,209.07
3	Leighton	Division Street - 142nd Avenue to 1,000' south of 146th Avenue	Crush, Shape and Resurface, HMA 4E1 - 440 #/syd (2 courses)	2.02	\$0.00	Federal (STP) \$536,579.43 State (D) \$134,144.86	\$670,724.29
	Wayland	135th Avenue, Hayes Road, 136th Avenue - City of Wayland to Patterson Road	Resurface, HMA 4E1 - 220 #/syd	4.09	\$14,862.33	Federal (STP) \$624,037.30 State (D) \$141,147.00	\$780,046.63
	Wayland	133rd Avenue - 4th Street to 4th Street	Reconstruct for future paving	0.25	\$91,537.67		\$91,537.67
	Dorr & Leighton	12th Street - 144th Avenue to Division Street	Mill and Resurface, HMA 4E1 - 220 #/syd, realign intersection with Division	0.59	\$107,946.89		\$107,946.89
	Leighton	Kalamazoo Drive, 145th Avenue & 7th Street - 142nd Avenue to County Line	Resurface, HMA 4E1 - 220 #/syd	3.64	\$510,987.63	Leighton (PS) \$15,198.62	\$526,186.25
	Hopkins	18th Street - 128th Avenue to 135th Avenue	Chip and Fog Seal	3.52	\$104,062.23		\$104,062.23
SUB-TOTAL AREA 3				14.11	\$829,396.75	\$1,451,107.21	\$2,280,503.96

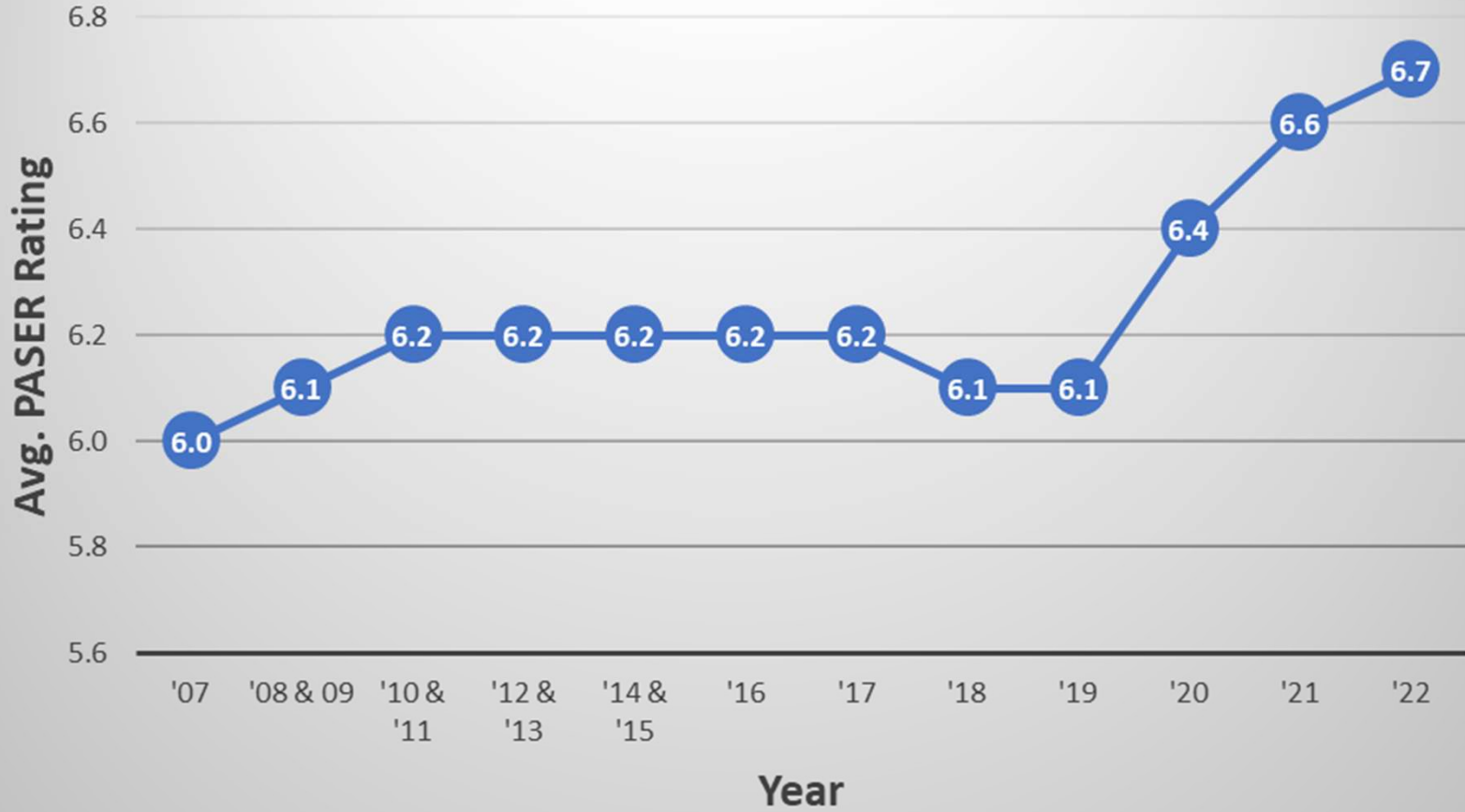


AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	MILLAGE FUND COSTS	TOWNSHIP & OTHER CONTRIBUTIONS	TOTAL COSTS
4	Casco & Ganges	Blue Star Highway - 111th Avenue to 118th Avenue	Renovate, Crush, Shape and Resurface, HMA 4E1 - 440 #/syd (2 courses)	3.30	\$243,861.80	ACRC (MTF) \$1,148,238.40	\$1,392,100.20
	Ganges	62nd Street - 116th Avenue to 120th Avenue	Resurface, HMA 4E1 - 220 #/syd	1.99	\$239,104.16	Ganges (PS) \$47,086.97	\$286,191.13
	Lee	56th Street - 109th Avenue to 118th Avenue	Crack, Chip and Fog Seal	4.56	\$153,298.12		\$153,298.12
SUB-TOTAL AREA 4				9.85	\$636,264.08	\$1,195,325.37	\$1,831,589.45
5	Cheshire	42nd Street - 108th Avenue to 112th Avenue	Reconstruct for future paving	2.00	\$529,927.48	ACRC (MTF) \$400,000.00 Cheshire (RECON) \$102,000.00	\$1,031,927.48
	Cheshire	46th Street - 102nd Avenue to 104th Avenue	Chip and Fog Seal	1.00	\$25,407.75		\$25,407.75
	Allegan	Babylon Road - M-40 to City of Allegan; 118th Avenue - Babylon Road to Dumont Road; 33rd Street - 122nd Avenue to Dumont Lake; 102nd Avenue - M-40 to 24th Street	Crack, Chip and Fog Seal	8.27	\$283,121.36		\$283,121.36
SUB-TOTAL AREA 5				11.27	\$838,456.59	\$502,000.00	\$1,340,456.59
6	Otsego	21st Street & 101st Avenue - County line to 21st Street	Resurface, HMA 4E1 - 220 #/syd	0.99	\$156,092.77		\$156,092.77
	Otsego & Gun Plain	102nd Avenue - 16th Street to 11th Street	Mill and Resurface, HMA 4E1 - 220 #/syd	2.69	\$435,148.36		\$435,148.36
	Otsego & Gun Plain	102nd Avenue - 24th Street to 21st Street; 16th Street - Otsego City Limits to M-222; 106th Avenue - Otsego City Limits to 10th Street	Chip and Fog Seal	8.66	\$245,493.90		\$245,493.90
	Otsego	Jefferson Road - 21st Street to M-89; 16th Street - 112th Avenue to M-222	Crack Seal	4.61	\$20,764.05		\$20,764.05
SUB-TOTAL AREA 6				16.95	\$857,499.08	\$0.00	\$857,499.08
GRAND TOTAL				80.02	\$4,838,541.82	\$3,518,432.58	\$8,356,974.40

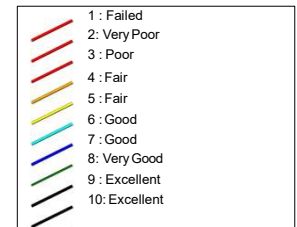
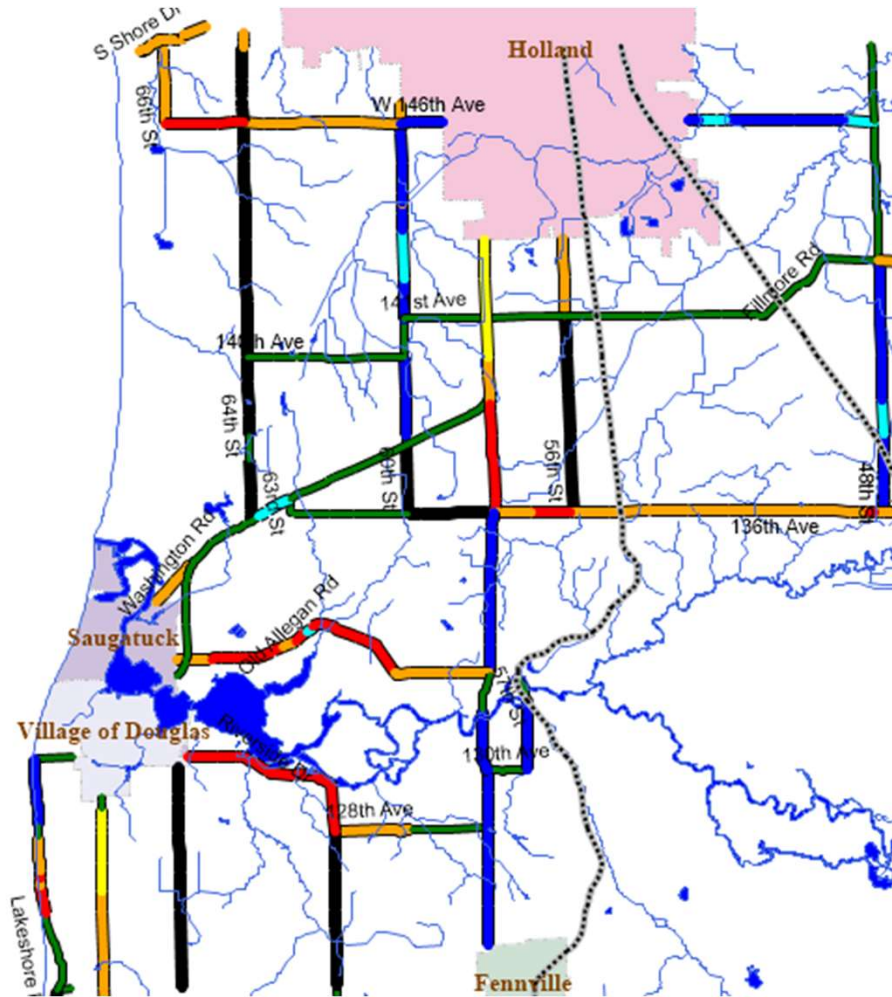




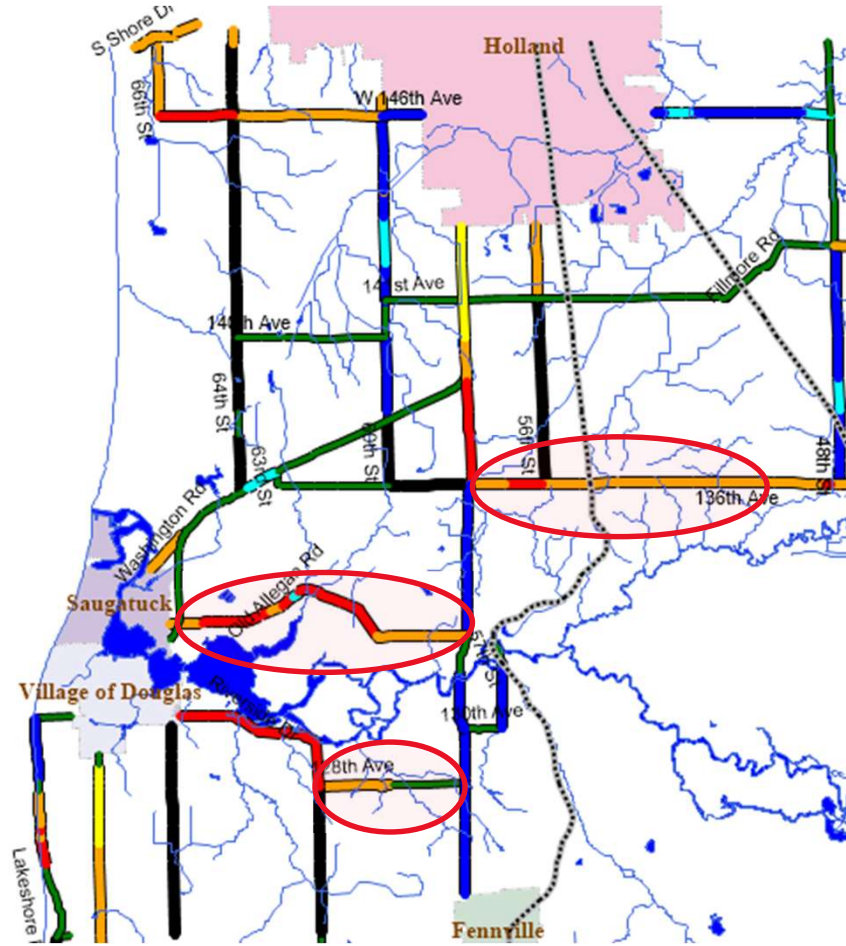
Primary Roads - Average PASER Rating



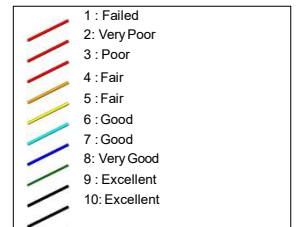
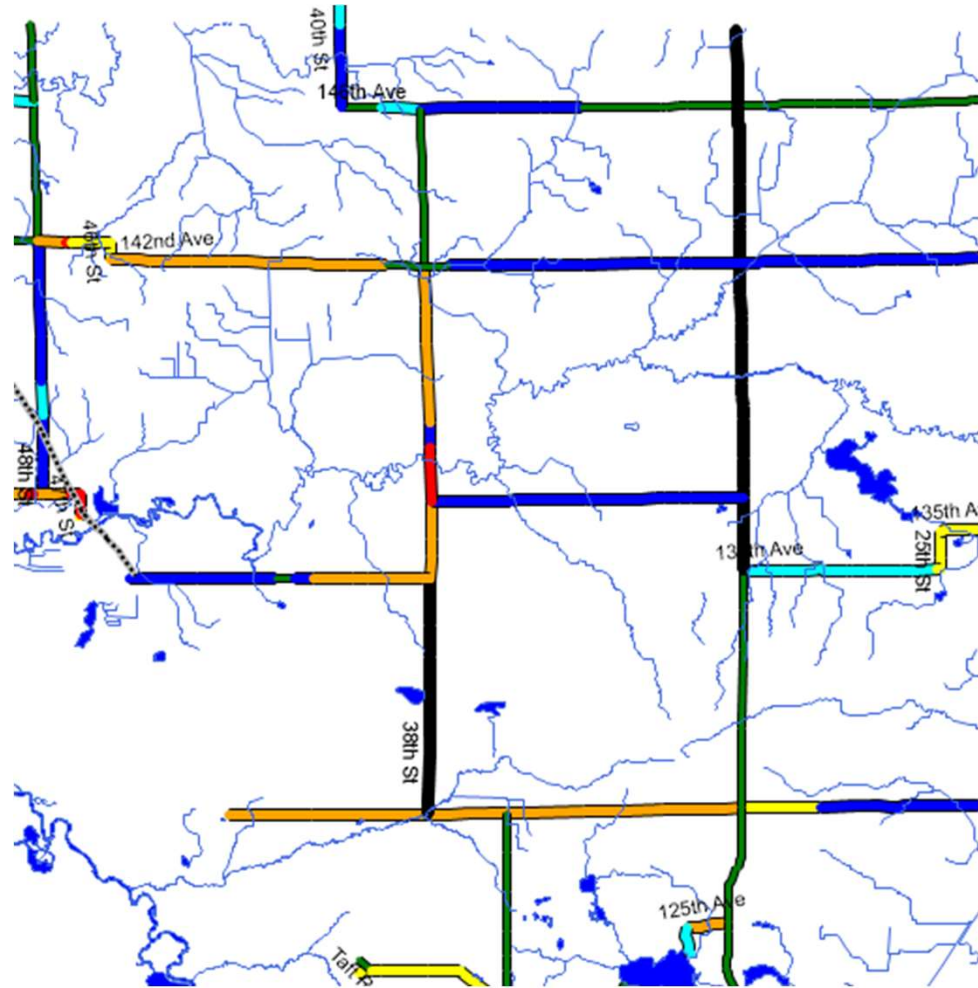
Latest Primary PASER Ratings – AREA 1



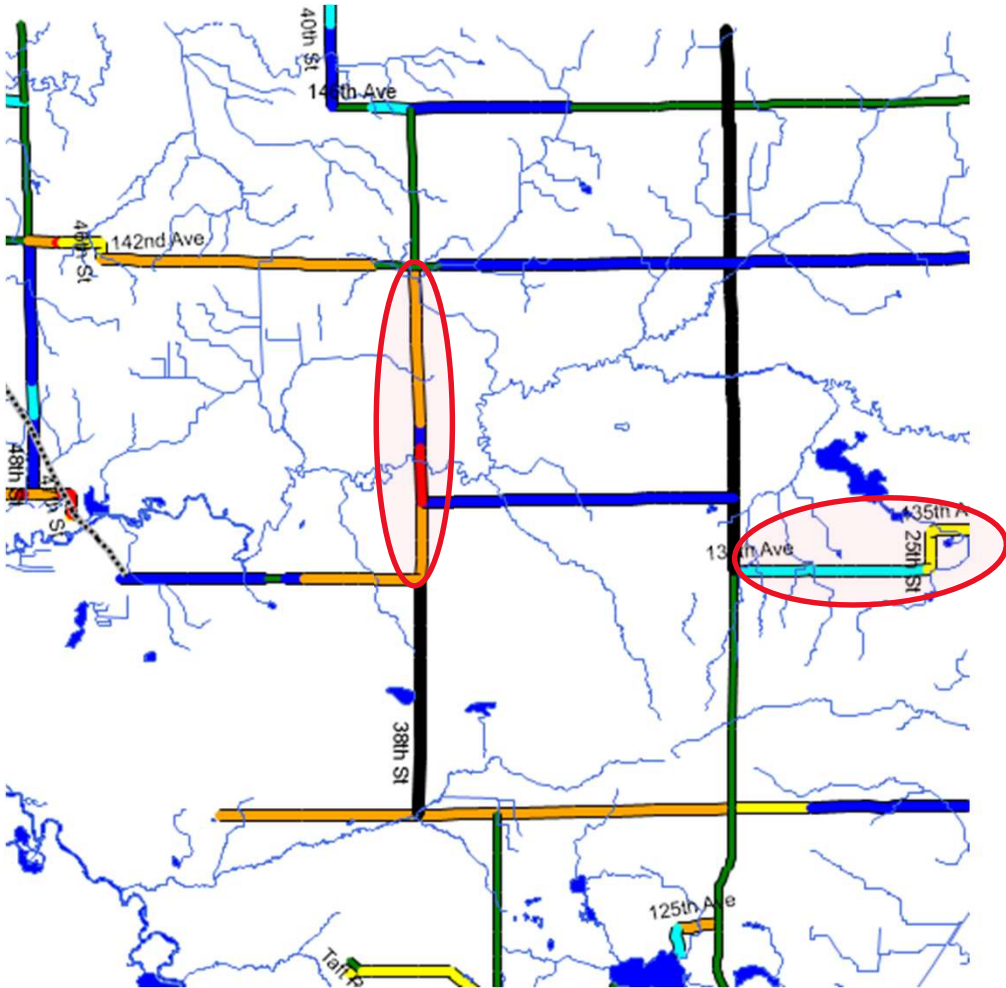
2023 Proposed Projects – AREA 1



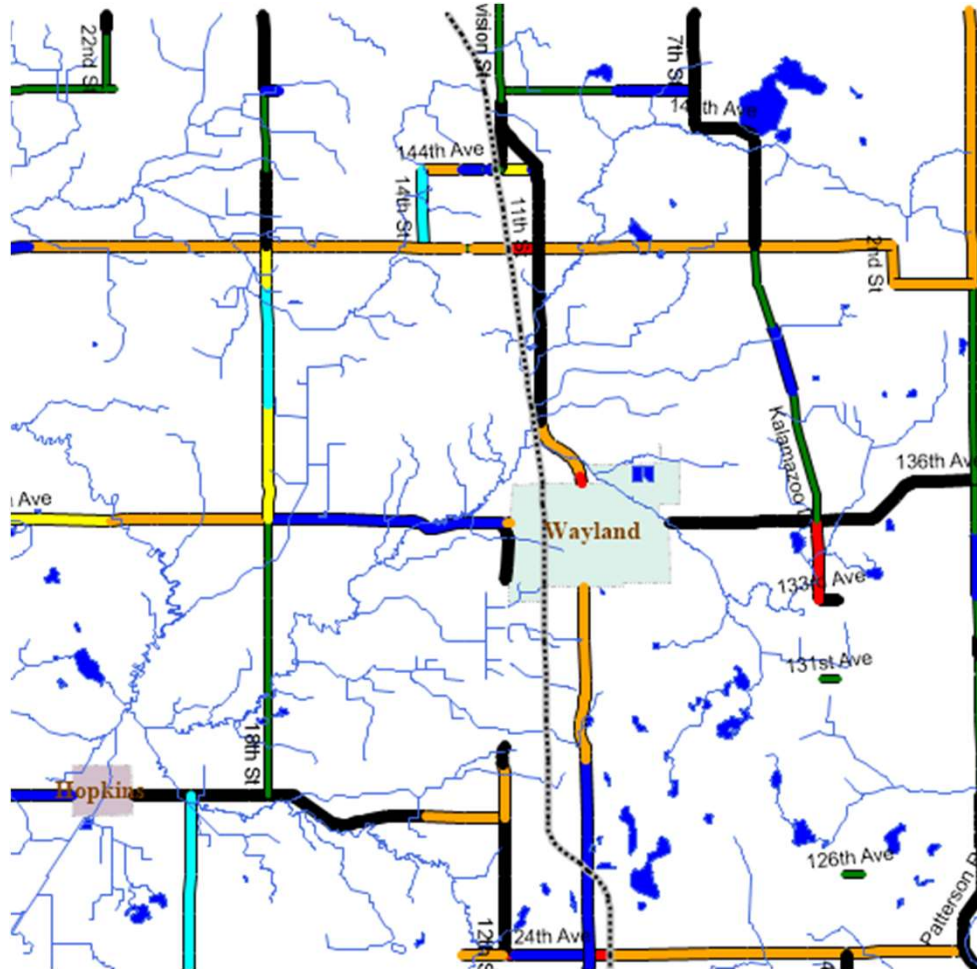
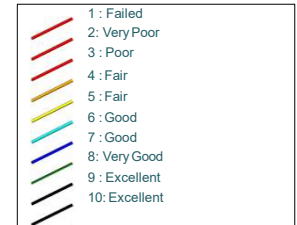
Latest Primary PASER Ratings – AREA 2



2023 Proposed Projects – AREA 2

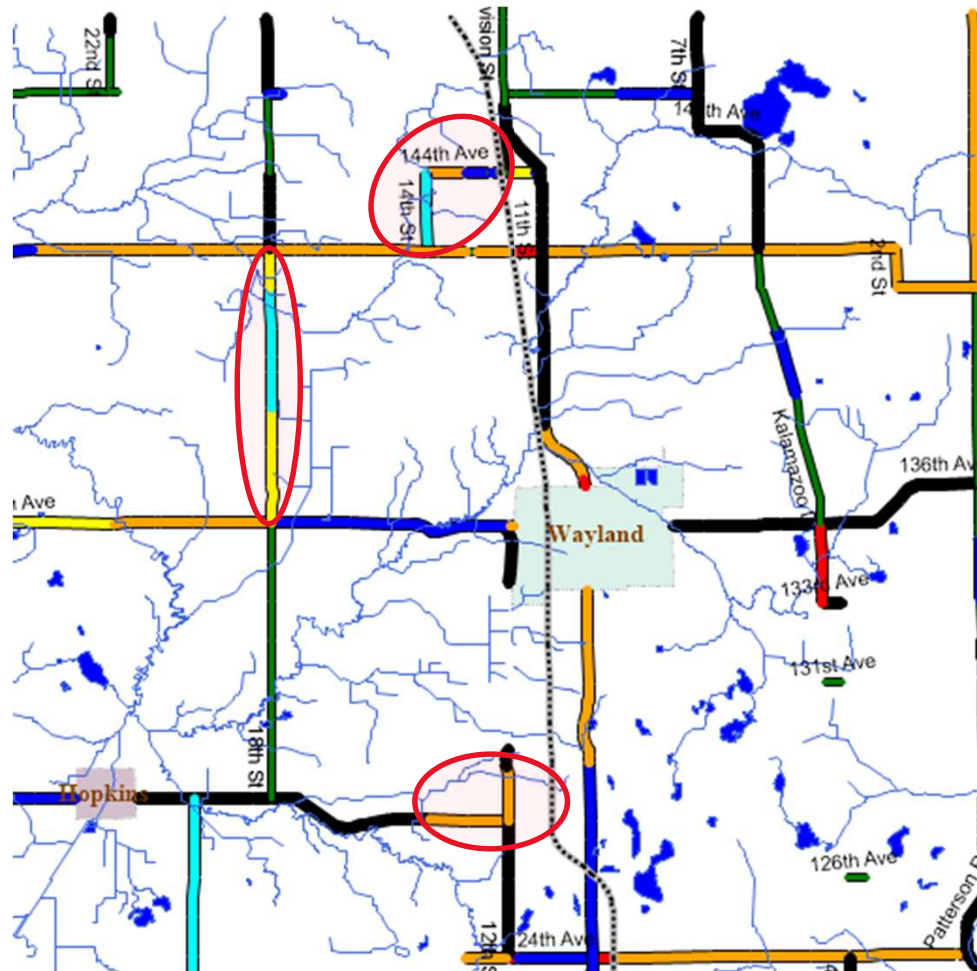


Latest Primary Paser Ratings – AREA 3

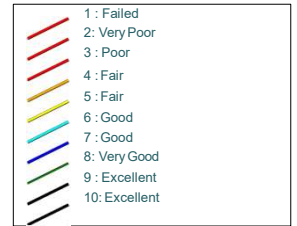
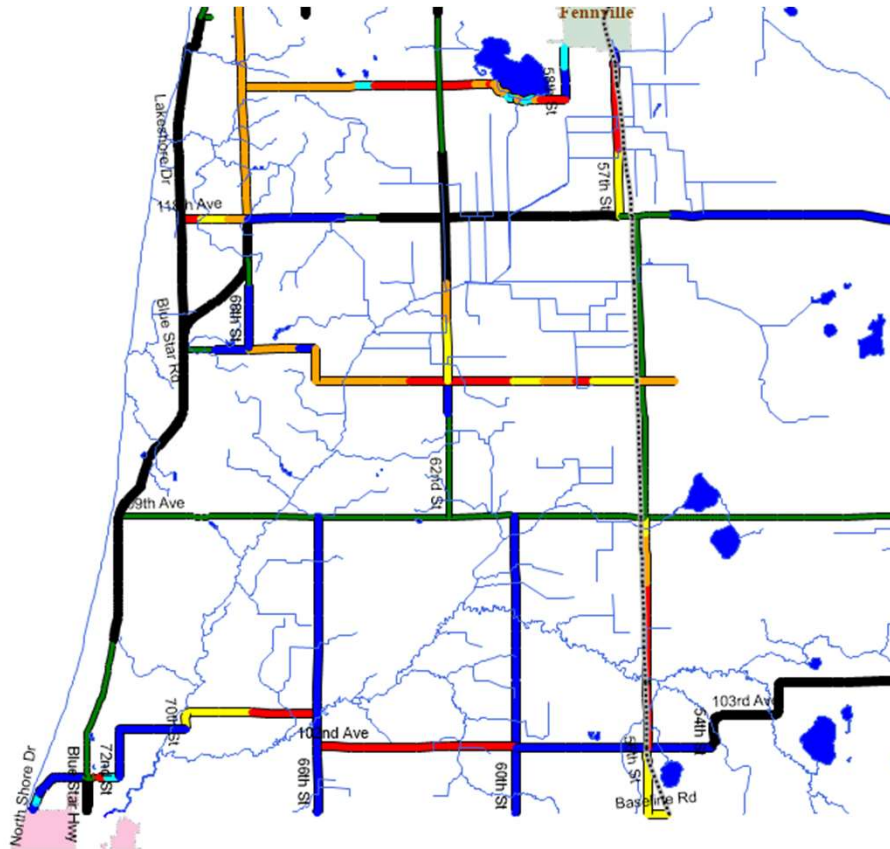




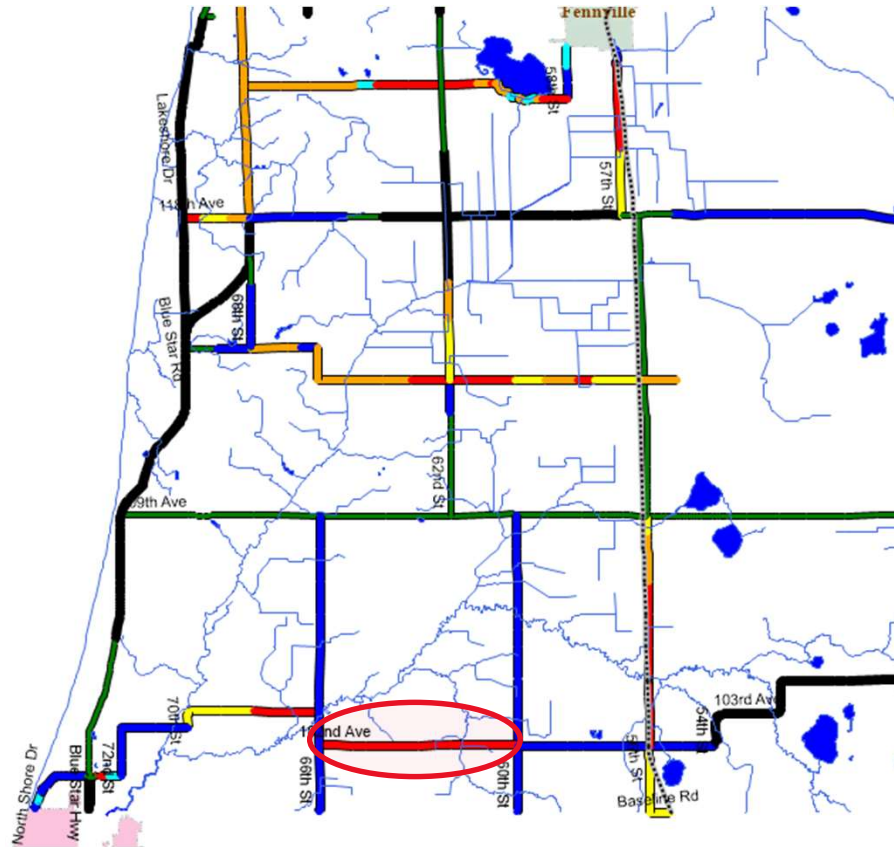
2023 Proposed Projects – AREA 3



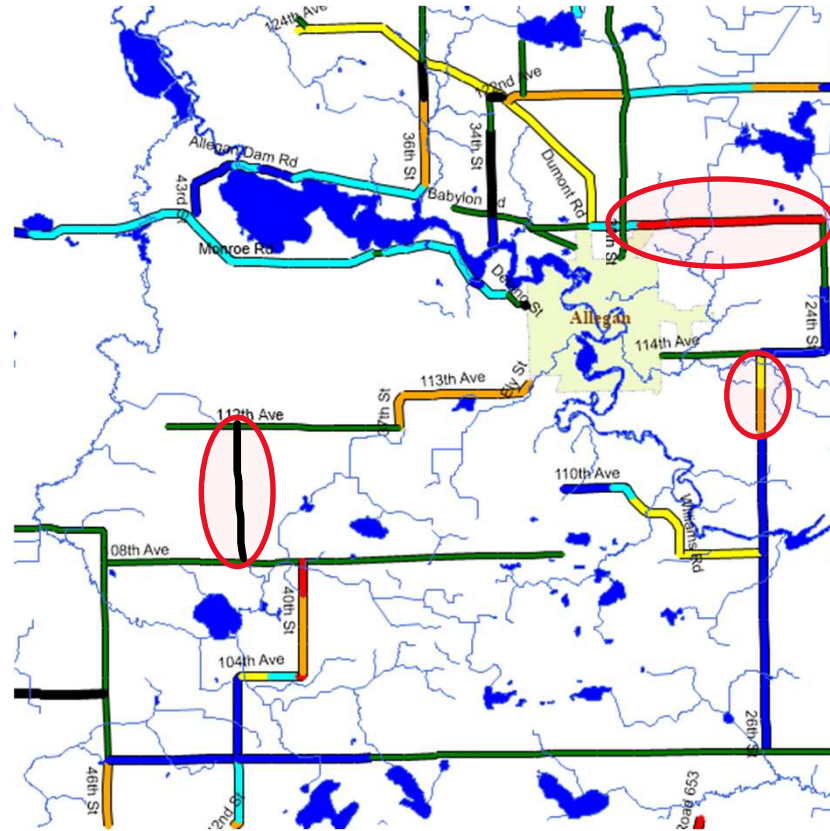
Latest Primary Paser Ratings – AREA 4



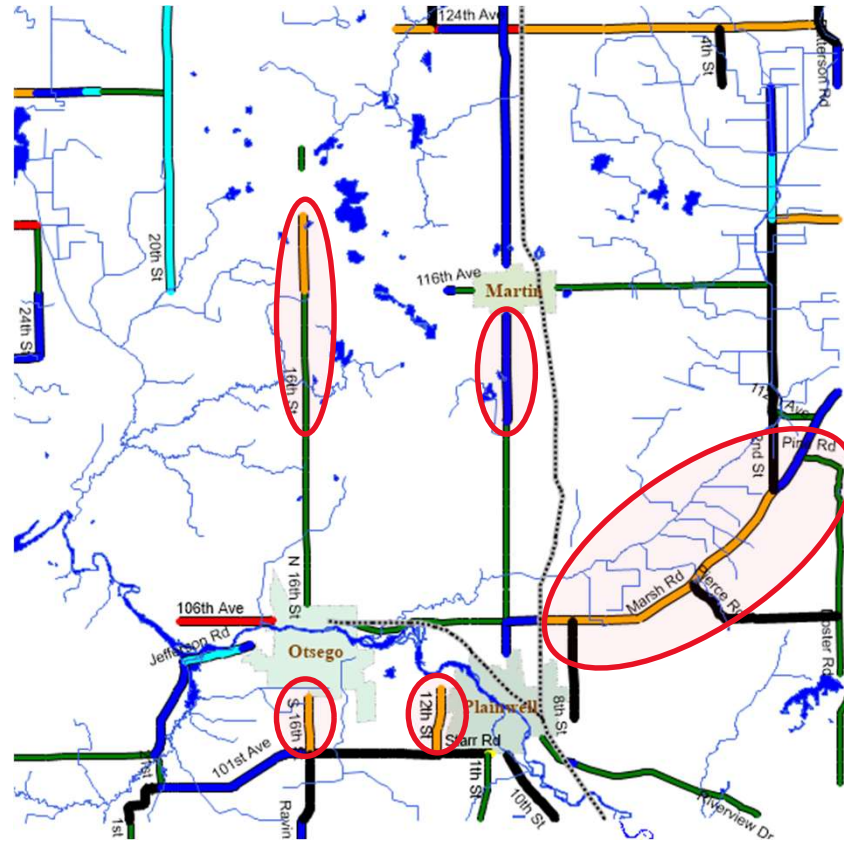
2023 Proposed Projects – AREA 4



2023 Proposed Projects – AREA 5



2023 Proposed Projects – AREA 6





**PRIMARY ROAD RESURFACING MILLAGE FUND
2023 PROPOSED PROJECTS**

AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	MILLAGE FUND COSTS	TOWNSHIP & OTHER CONTRIBUTIONS	TOTAL COSTS
1	All	136th Ave, 58th St to 50th St (2023)	Resurface, HMA 4EL - 220 #/syd	4.00	\$198,000.00	MACC-Urban \$792,000.00	\$990,000.00
	Saugatuck/Manlius	Old Allegan Rd, Blue Star Hwy to 58th St	Mill and Resurface, HMA 4EL - 220 #/syd	4.24	\$700,000.00	Saugatuck Twp. \$200,000.00	\$900,000.00
	Saugatuck/Manlius	128th Ave, 62nd St to 58th St	Chip and Fog seal	1.98	\$70,000.00		\$70,000.00
	Saugatuck	Holland St, west of Blue Star Hwy	Crack, Chip and Fog Seal	0.64	\$20,000.00		\$20,000.00
SUB-TOTAL AREA 1				8.24	\$988,000.00	\$992,000.00	\$1,890,000.00
2	Monterey	134th Ave/25th St/135th Ave, 30th St to Hopkins Twp line	Crack, Chip and Fog Seal	4.49	\$160,000.00		\$160,000.00
	Heath/Overisel	38th St, 134th Ave to 142nd Ave	Mill and Resurface, HMA 4EL - 220 #/syd	3.99	\$850,000.00		\$850,000.00
SUB-TOTAL AREA 2				3.99	\$1,010,000.00	\$0.00	\$850,000.00
3	Dorr/Hopkins	18th Street, 135th Avenue to 142nd Avenue	Crack, Chip and Fog Seal	3.44	\$120,000.00		\$120,000.00
	Dorr/Leighton	14th St & 144th Ave, 142nd Ave to Division St	Crack, Chip and Fog Seal	2.45	\$90,000.00		\$90,000.00
	Hopkins/Wayland	128th Avenue & 12th Street, 14th Street to 129th Ave	Mill and Resurface, HMA 4EL - 220 #/syd	1.67	\$350,000.00		\$350,000.00
SUB-TOTAL AREA 3				7.56	\$560,000.00	\$0.00	\$560,000.00
4	Casco	102nd Ave, 66th St to 60th St	Resurface, HMA 4EL - 220 #/syd	2.99	\$600,000.00		\$600,000.00
SUB-TOTAL AREA 4				2.99	\$600,000.00	\$0.00	\$600,000.00
5	Allegan	26th St, M-89 to 114th Ave (2023)	Resurface, HMA 4EL - 220 #/syd	1.26	\$110,500.00	MDOT Buy Out \$139,500.00	\$250,000.00
	Allegan	118th Ave, Industrial Dr to 24th St	Renovate and Resurface HMA 4EL - 220 #/syd	2.60	\$250,000.00	Allegan (REN & PS) \$300,000.00 ACRC (MTF) \$250,000.00	\$800,000.00
	Cheshire	42nd St, 108th Ave to 112th Ave	Pave, HMA 4EL - 440 #/syd (2 courses)	2.00	\$500,000.00	Cheshire (PS) \$100,000.00	\$600,000.00
SUB-TOTAL AREA 5				5.86	\$860,500.00	\$789,500.00	\$1,650,000.00
6	Otsego	16th St, 112th Ave to Timber Ridge Bay	Crack, Chip and Fog Seal	3.16	\$100,000.00		\$100,000.00
	Otsego	16th St, 102nd Ave to City of Otsego	Mill and Resurface, HMA 4EL - 220 #/syd	0.82	\$50,000.00	Small Urban \$187,500.00	\$237,500.00
	Otsego	12th St, 102nd Ave to M-89	Mill and Resurface, HMA 4EL - 220 #/syd	1.00	\$50,000.00	Small Urban \$187,500.00	\$237,500.00
	Gun Plain	106th Ave & Marsh Rd, 10th St to County Line	Resurface, HMA 4EL - 220 #/syd	6.68	\$100,000.00	MDOT Buy Out \$898,000.00 State D - Direct Grant \$396,000.00	\$1,394,000.00
	Martin	10th St, 112th Ave to Village of Martin	Mill, Chipseal, and Resurface, HMA 4EL - 220 #/syd	1.63	\$400,000.00		\$400,000.00
SUB-TOTAL AREA 6				10.13	\$700,000.00	\$1,294,000.00	\$1,794,000.00
GRAND TOTAL				38.77	\$4,718,500.00	\$3,075,500.00	\$7,344,000.00





AREA FUND BALANCES

2022 Preliminary Balances

Area	Final 2021 Balances	Preliminary Revenues	Preliminary Expenses	Preliminary 2022 Balance
1	\$334,389.96	\$656,168.19	\$937,716.25	\$52,841.90
2	\$262,571.56	\$656,168.19	\$739,209.07	\$179,530.68
3	\$515,415.80	\$656,168.19	\$829,396.75	\$342,187.24
4	-\$115,589.27	\$656,168.19	\$636,264.08	-\$95,685.16
5	\$178,644.36	\$656,168.19	\$838,456.59	-\$3,644.04
6	\$445,505.81	\$656,168.19	\$857,499.08	\$244,174.92
Totals	\$1,620,938.21	\$3,937,009.14	\$4,838,541.82	\$719,405.53

2023 Estimated Balances

Area	Preliminary 2023 Balances	Estimated Revenues	Estimated Expenses	Estimated 2023 Balance
1	\$52,841.90	\$665,000.00	\$988,000.00	-\$270,158.10
2	\$179,530.68	\$665,000.00	\$1,010,000.00	-\$165,469.32
3	\$342,187.24	\$665,000.00	\$560,000.00	\$447,187.24
4	-\$95,685.16	\$665,000.00	\$600,000.00	-\$30,685.16
5	-\$3,644.04	\$665,000.00	\$860,500.00	-\$199,144.04
6	\$244,174.92	\$665,000.00	\$700,000.00	\$209,174.92
Totals	\$719,405.53	\$3,990,000.00	\$4,718,500.00	-\$9,094.47





PRIMARY ROAD RESURFACING MILLAGE FUND FUTURE PROPOSED PROJECTS							
AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	MILLAGE FUND COSTS	TOWNSHIP & OTHER CONTRIBUTIONS	TOTAL COSTS
1	Saugatuck	Riverside Dr & 62nd St, Village of Douglas to 128th Ave	Mill and Resurface, HMA 4E1 - 220 #/syd	2.55	\$475,000.00		\$475,000.00
	Laketown & Fillmore	Blue Star Highway - 500' south of 142nd Avenue to 143rd Avenue (2024)	Crush, Shape, and Resurface; Widen to include center left turn lane	0.60	\$160,000.00	MACC-Urban \$170,000.00 CMAQ (Rural) \$500,000.00	\$830,000.00
	Fillmore	48th Street - 142nd Avenue to Ottogan Street (2025)	Mill and Resurface, HMA 4E1 - 220 #/syd (split with Area 2)	2.77	\$111,625.00	MACC-Urban \$400,000.00 Area 2 111625.00	\$623,250.00
	Fillmore & Manlius	136th Avenue - 50th Street to 48th Street (2026)	Crush, Shape, and Resurface HMA 4E1 - 440 #/syd (2 courses) Widen to include center left turn lane	1.22	\$710,000.00	MACC-Urban \$370,000.00 CMAQ (Rural) \$620,000.00	\$1,700,000.00
SUB-TOTAL AREA 1				7.14	\$1,456,625.00	\$2,171,625.00	\$3,628,250.00
2	Overisel	48th Street - 142nd Avenue to Ottogan Street (2025)	Mill and Resurface, HMA 4E1 - 220 #/syd (split with Area 1)	2.77	\$111,625.00	MACC-Urban \$400,000.00 Area 1 111625.00	\$623,250.00
	Overisel	142nd Ave, 48th St to 46th St & 46th St, 142nd Ave to 142nd Ave	Mill and Resurface, HMA 4E1 - 220 #/syd	1.14	\$250,000.00		\$250,000.00
	Overisel	142nd Ave, 46th St to 39th St	Resurface, HMA 4E1 - 220 #/syd	3.50	\$485,000.00	Overisel (PS) \$90,000.00	\$575,000.00
	Heath	134th Ave, 41st St to 38th St	Mill and Resurface, HMA 4E1 - 220 #/syd	2.48	\$450,000.00		\$450,000.00
SUB-TOTAL AREA 2				9.89	\$1,296,625.00	\$601,625.00	\$1,898,250.00
3	Leighton	Division St, Wayland City Limits to 1,000' south of 138th Ave	Mill, Chipseal, and Resurface, HMA 4E1 - 220 #/syd	1.00	\$220,000.00		\$220,000.00
	Wayland	4th St, 133rd Ave to 135th Ave	Renovate, Crush, Shape, and Resurface HMA 4E1 - 440 #/syd (2 courses)	1.02	\$390,000.00	Wayland (REN) \$35,000.00 Wayland (PS) \$25,000.00	\$450,000.00
	Dorr	142nd Ave, 23rd St to Division (2024)	Mill and Resurface, HMA 4E1 - 220 #/syd	5.92	\$200,000.00	Federal \$1,100,000.00 State D \$300,000.00	\$1,600,000.00
	Dorr	146th Ave, 22nd St to 18th St	Reconstruct for Future Paving	1.90	\$400,000.00	ACRC (MTF) \$400,000.00 Dorr (Recon) \$95,000.00	\$895,000.00
	Dorr	146th Ave, 22nd St to 18th St	Resurface, HMA 4E1 - 440 #/syd (2 courses)	1.90	\$480,000.00	Dorr (PS) \$80,000.00	\$560,000.00
	Hopkins/Watson	124th Ave, 15th St east to Existing Asphalt (2024)	Reconstruct for Future Paving (1/2 per area)	1.20	\$125,000.00	ACRC (MTF) \$125,000.00 Hopkins (Recon) \$30,000.00	\$280,000.00
	Hopkins/Watson	124th Ave, 15th St east to Existing Asphalt (2025)	Pave, HMA 4E1 - 440 #/syd (2 courses)(1/2 per area)	1.20	\$160,000.00	Hopkins (PS) \$25,000.00	\$185,000.00
SUB-TOTAL AREA 3				14.14	\$1,975,000.00	\$2,215,000.00	\$4,190,000.00





AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	MILLAGE FUND COSTS	TOWNSHIP & OTHER CONTRIBUTIONS	TOTAL COSTS
4	Ganges	Blue Star Highway - 118th Avenue to M-89	Renovate, Crush, Shape, and Resurface HMA 4E1 - 440 #/syd (2 courses)	3.05		Federal	
	Ganges & Clyde	122nd Ave, Blue Star Hwy to 58th St	Resurface, HMA 4E1 - 220 #/syd	5.04	\$695,000.00	Ganges (PS) \$100,000.00 Clyde (PS) \$25,000.00	\$820,000.00
	Lee	56th St, 102nd Ave to 109th Ave	Resurface, HMA 4E1 - 220 #/syd	3.49	\$470,000.00	Lee (PS - 2.5 mi) \$90,000.00	\$560,000.00
	Ganges	113th Avenue - 66th Street to 58th Street	Resurface, HMA 4E1 - 220 #/syd	4.94	\$790,000.00		\$790,000.00
SUB-TOTAL AREA 4				16.52	\$1,955,000.00	\$215,000.00	\$2,170,000.00
5	Cheshire	104th Ave & 40th St, 42nd St to 108th Ave	Resurface, HMA 4E1 - 220 #/syd	3.00	\$375,000.00	Cheshire (PS) \$75,000.00	\$450,000.00
	Allegan & Valley	37th Street, 113th Avenue, 33rd Street - 112th Avenue to City of Allegan	Mill and Resurface, HMA 4E1 - 220 #/syd	2.51	\$440,000.00		\$440,000.00
SUB-TOTAL AREA 5				5.51	\$815,000.00	\$75,000.00	\$890,000.00
6	Otsego	106th Ave, M-89 to Otsego City Limits	Renovate, Crush, Shape, and Resurface HMA 4E1 - 440 #/syd (2 courses)	1.43	\$600,000.00	Otsego (REN) \$50,000.00 Otsego (PS) \$60,000.00	\$710,000.00
	Hopkins/Watson	124th Ave, 15th St east to existing asphalt (2024)	Reconstruct for Future Paving (1/2 per area)	1.20	\$125,000.00	ACRC (MTF) \$125,000.00 Watson (Recon) \$30,000.00	\$280,000.00
	Hopkins/Watson	124th Ave, 15th St east to existing asphalt (2025)	Resurface, HMA 4E1 - 440 #/syd (2 courses)(1/2 per area)	1.20	\$160,000.00	Watson (PS) \$25,000.00	\$185,000.00
	Martin	122nd Avenue - 4th Street to Patterson Road	Reconstruct for future paving	1.75	\$1,112,500.00	Martin (Recon) \$87,500.00	\$1,200,000.00
	Martin	122nd Avenue - 4th Street to Patterson Road	Pave, HMA 4E1 - 440 #/syd (2 courses)	1.75	\$375,000.00	Martin (PS) \$70,000.00	\$445,000.00
SUB-TOTAL AREA 6				7.33	\$2,372,500.00	\$447,500.00	\$2,820,000.00
GRAND TOTAL				60.53	\$9,870,750.00	\$5,725,750.00	\$15,596,500.00





DISCUSSION AND QUESTIONS

Allegan County Road Commission

1308 Lincoln Road

Allegan MI 49010

269-673-2184

Managing Director

Craig Atwood, P.E.

catwood@alleganroads.org

County Highway Engineer

Ryan Kemppainen, P.E.

rkemppainen@alleganroads.org

Maintenance Superintendent

Phil Kernodle

pkernodle@alleganroads.org

