



Since 1911

Ottawa County Road Commission
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June 19, 2020

On behalf of the Ottawa County Road Commission, I am pleased to present to you a Draft of the latest Road Commission transportation plan: 2021-2025 Strategic Improvement Plan (SIP). This plan, like the previous plans, is based on an annual review of the county road assets in order to identify improvement needs and determine economical methods to finance improvement and maintenance projects. The review of these assets help determine the appropriate replacement, repair, and preventative maintenance methods to be incorporated into the SIP.

Attached is the 2021-2025 SIP Draft for your review and comment. It contains the following categories below, along with project lists and cost estimates of recommended projects based on available resources, anticipated revenues, funding opportunities, and transportation infrastructure needs:

- Road Improvements – Reconstruction or Resurfacing
o Primary Road Improvements Pages 1-3
o Local Road Improvements Pages 4-5
• Preventative Maintenance Treatments
o Cape Seal Surfacing Page 6
o Seal Coat Surfacing Pages 7-11
• Drainage Improvements
o Bridge Improvements Page 12
o Culvert Replacements Pages 13-14

Before the 2021-2025 Strategic Improvement Plan is finalized, it is vital to the process to gather input and comments about the proposed projects within this draft plan from our local governmental partners and the general public. Please submit your written comments by September 1, 2020, as they are appreciated and encouraged.

If you have any questions or require some additional information, please do not hesitate to contact our office at 616-842-5400.

Sincerely,

[Handwritten signature of Brett A. Laughlin]

Brett A. Laughlin, P.E.
Managing Director





ROADS

2021-2025 Proposed Primary Road Improvements

<u>Project Key</u>	Allocated Federal and State Funds Apply for Federal and State Funds	Michigan Transportation Funds Countywide Road Millage Funds
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	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2021	Croswell Street	Lakeshore Dr to US-31 Mill & Resurface 24' + 3' Shoulder	2.77	\$1,340,000	\$67,000	\$750,000	\$657,000 (\$657,000)
	48th Avenue	Bauer Road to Pierce Street Mill & Resurface 30'	2.50	\$1,112,500	\$55,625	\$839,938	\$328,187
	8th Avenue	Jackson Street to Port Sheldon Mill & Resurface 30' and 36'	2.30	\$920,000	\$46,000	\$694,600	\$271,400
	Mercury Drive	Comstock Street to City Limits Mill & Resurface 36'	1.71	\$725,000	\$36,250	\$450,000	\$311,250
	104th Avenue	M-45 to North Cedar Drive Mill & Resurface 24' + 3' Shoulder	4.06	\$1,940,000	\$97,000	\$763,179	\$1,273,821
	68th Avenue	M-45 to the Grand River Mill & Resurface 30'	2.50	\$1,062,500	\$53,125	\$375,000	\$740,625 (\$740,625)
	Fillmore Street	US-31 to 136th Avenue Mill & Resurface 24' + 3' Shoulder	2.00	\$900,000	\$27,000	\$0	\$927,000
	Lakeshore Drive	Fillmore Street to Buchanan St Mill & Resurface 32'	3.10	\$1,150,000	\$34,500	\$0	\$1,184,500 (\$1,184,500)
	112th Avenue	Leonard St to Cleveland St Mill & Resurface 30'	0.79	\$351,000	\$10,530	\$0	\$361,530 (\$361,530)
	Cottonwood Drive	Bauer Road to Taylor Street Reconstruct to 3 Lanes	0.80	\$1,100,000	\$100,000	\$0	\$1,200,000 (\$1,200,000)
	Lakeshore Drive	168th Avenue to Lakewood Mill & Resurface 24' + 3' Shoulder	1.80	\$780,000	\$23,400	\$0	\$803,400 (\$803,400)
	Leonard Street	48th Avenue to Linden Drive Mill & Resurface 24' + 3' Shoulder	1.70	\$770,000	\$23,100	\$0	\$793,100 (\$793,100)
	Quincy Street	120th Avenue to 96th Avenue Mill & Resurface 24' + 3' Shoulder	3.00	\$1,350,000	\$40,500	\$0	\$1,390,500 (\$1,390,500)
		ROW & Other					
	Total		29.03	\$13,501,000	\$614,030	\$3,872,717	\$3,411,658

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ROADS

2021-2025 Proposed Primary Road Improvements

<u>Project Key</u>	Allocated Federal and State Funds Apply for Federal and State Funds	Michigan Transportation Funds Countywide Road Millage Funds
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	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2022	Fillmore St/Cottonwood	48th Avenue to Taylor St Mill & Resurface 30'	4.40	\$1,958,000	\$97,900	\$1,300,000	\$755,900 (\$755,900)
	Lakewood Blvd	Lakeshore Drive to 144th Ave Mill & Resurface 30'	3.50	\$1,200,000	\$60,000	\$866,206	\$393,794 (\$393,794)
	Hickory/Palm Dr	174th Avenue to County Line Mill & Resurface 24' + 3' Shoulder	1.95	\$980,000	\$30,000	\$580,000	\$430,000 (\$430,000)
	Leonard Street	68th Avenue to 48th Avenue Mill & Resurface 24' + 3' Shoulder	2.66	\$1,047,600	\$52,380	\$776,179	\$323,801
	68th Avenue	Leonard Street to Randall Street Mill & Resurface 30'	3.00	\$1,400,000	\$70,000	\$375,000	\$1,095,000
	Fillmore Street	136th Avenue to 120th Avenue Mill & Resurface 24' + 3' Shoulder	2.00	\$900,000	\$27,000	\$0	\$927,000
	112th/Osborn St	Lincoln Street to 104th Avenue Mill & Resurface 24' + 3' Shoulder	1.25	\$600,000	\$18,000	\$0	\$618,000 (\$618,000)
	ROW & Other						\$300,000
Total			18.76	\$8,085,600	\$355,280	\$3,897,385	\$2,645,801

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2023	18th Ave/20th Ave	Chicago Dr to Bauer Road Mill & Resurface 44' and 30'	2.30	\$975,000	\$29,250	\$769,568	\$234,682 (\$234,682)
	Chicago Dr/8th St	West of US-31 Mill & Resurface 44'	1.25	\$900,000	\$45,000	\$700,000	\$245,000
	Mercury Drive	Comstock Street to 144th Ave Mill & Resurface 36'	1.70	\$765,000	\$38,250	\$510,000	\$293,250
	Leonard Street	88th Avenue to 68th Avenue Mill & Resurface 24' + 3' Shoulder	3.20	\$1,280,000	\$64,000	\$791,179	\$552,821 (\$552,821)
	64th Avenue	Byron Road to Chicago Drive Mill & Resurface 24' + 3' Shoulder	1.90	\$900,000	\$27,000	\$370,000	\$557,000 (\$557,000)
	Fillmore Street	120th Avenue to 96th Avenue Mill & Resurface 24' + 3' Shoulder	3.00	\$1,350,000	\$40,500	\$0	\$1,390,500
	Butternut Drive	New Holland St to Lakeshore Dr Mill & Resurface 30'	3.50	\$1,400,000	\$42,000	\$0	\$1,442,000 (\$1,442,000)
	ROW & Other						\$300,000
Total			16.85	\$7,570,000	\$286,000	\$3,140,747	\$2,228,750

Implementation of the projects listed above will be based on receipt of the identified funding sources and are subject to change based budgetary constraints or other factors.



ROADS

2021-2025 Proposed Primary Road Improvements

<u>Project Key</u>	Allocated Federal and State Funds	Michigan Transportation Funds
	Apply for Federal and State Funds	Countywide Road Millage Funds

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2024	Riley Street	US-31 to 112th Avenue Mill & Resurface 55' and 36'	1.70	\$765,000	\$22,950	\$500,000	\$287,950
	22nd/Van Buren/14th	Quincy Street to Port Sheldon Mill & Resurface 30' /3' Shoulder	4.20	\$1,900,000	\$57,000	\$1,000,000	\$957,000 (\$500,000)
	West Spring Lk Rd	Van Wagoner to Hemlock Mill & Resurface + 3' Shoulder	1.80	\$810,000	\$24,300	\$600,000	\$234,300
	Fillmore Street	96th Avenue to 72nd Avenue Mill & Resurface 24' + 3' Shoulder	2.00	\$900,000	\$27,000	\$700,000	\$227,000
	120th Avenue	Port Sheldon St to Taylor St Roundabout & Res. + 3' Shoulder	3.00	\$1,600,000	\$48,000	\$0	\$1,648,000 (\$400,000)
	Linden Drive	M-45 to Leonard Road Mill & Resurface 24' + 3' Shoulder	1.70	\$800,000	\$24,000	\$0	\$824,000 (\$824,000)
	Lakewood Blvd	144th Avenue to Butternut Reconstruct to 3 Lanes/Resurf	1.20	\$1,300,000	\$100,000	\$0	\$1,400,000 (\$1,400,000)
	South Shore Drive	City Limits to end Mill & Resurface 24' + 3' Shoulder	2.10	\$990,000	\$29,700	\$0	\$1,019,700 (\$1,019,700)
	ROW & Other						\$300,000
Total			17.70	\$9,065,000	\$332,950	\$2,800,000	\$2,754,250

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2025	28th Avenue	City Limits to Baldwin Street Mill & Resurface 55'	1.40	\$650,000	\$19,500	\$500,000	\$169,500 (\$169,500)
	Riley Street	112th Avenue to 96th Avenue Mill & Resurface 36'	2.00	\$900,000	\$27,000	\$500,000	\$427,000 (\$427,000)
	Lincoln Street	US-31 to 144th Avenue Mill & Resurface 30'	2.80	\$1,000,000	\$30,000	\$600,000	\$430,000 (\$430,000)
	120th Avenue	Taylor St to M-45 Mill & Resurface 30'	3.00	\$1,350,000	\$40,500	\$800,000	\$590,500 (\$300,000)
	Linden/Luce	M-45 to Lovers Lane Resurface + 3' Shoulder	2.90	\$1,300,000	\$39,000	\$800,000	\$539,000
	Fillmore Street	72nd Avenue to 48th Avenue Mill & Resurface 24' + 3' Shoulder	3.00	\$1,350,000	\$40,500	\$0	\$1,390,500
	Port Sheldon Street	72nd Avenue to 48th Avenue Mill & Resurface 30'	3.00	\$1,350,000	\$40,500	\$0	\$1,390,500 (\$750,000)
	State Road	144th Avenue to 136th Avenue Resurface + 3' Shoulder	1.00	\$450,000	\$13,500	\$0	\$463,500 (\$463,500)
	ROW & Other						\$300,000
Total			19.10	\$8,350,000	\$250,500	\$3,200,000	\$3,160,500

Implementation of the projects listed above will be based on receipt of the identified funding sources and are subject to change based budgetary constraints or other factors.



ROADS

2021-2025 Proposed Local Paved Road Improvements

<u>Project Key</u>	Michigan Transportation Funds Countywide Road Millage Funds
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	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2021	42nd Avenue	Fillmore Street to Pierce Street Mill & Resurface Existing + 2' Shoulders	Georgetown	1.00	\$350,000	\$10,500	\$360,500
	136th Avenue	Port Sheldon St to Tyler St Resurface Existing	Olive	1.00	\$350,000	\$10,500	\$360,500
	Total			2.00	\$700,000	\$21,000	\$721,000

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2022	144th Avenue	Leonard Street to Apple Drive Resurface Existing	SL/Crockery	3.55	\$1,240,000	\$37,200	\$1,277,200
	Quincy Street	96th Avenue to 72nd Avenue Mill & Resurface Existing + 2' Shoulders	Zeeland	3.00	\$1,200,000	\$36,000	\$1,236,000 <i>(\$736,000)</i>
	Comstock Street	16th Avenue to 8th Avenue Mill & Resurface 30' and 24'	Wright	0.90	\$340,000	\$17,000	\$357,000 <i>(\$357,000)</i>
	Total			7.45	\$2,780,000	\$90,200	\$1,777,200

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2023	152nd Avenue	Lakewood Blvd to New Holland Mill & Resurface Existing + 2' Shoulders	Park	3.50	\$1,400,000	\$70,000	\$1,470,000 <i>(\$1,200,000)</i>
	104th Avenue	Adams Street to BL-196 Mill & Resurface Existing + 2' Shoulders	Holland	1.63	\$740,000	\$22,200	\$762,200
	104th Avenue	James Street to Quincy Street Mill & Resurface Existing + 2' Shoulders	Holland	2.00	\$900,000	\$27,000	\$927,000
	152nd Avenue	Lincoln Street to Groesbeck Mill & Resurfurce Existing + 2' Shoulders	Grand Haven	1.75	\$780,000	\$39,000	\$819,000 <i>(\$819,000)</i>
	Total			8.88	\$3,820,000	\$158,200	\$1,959,200

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ROADS

2021-2025 Proposed Local Paved Road Improvements

<u>Project Key</u>	Michigan Transportation Funds Countywide Road Millage Funds
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	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2024	Ferris Street	US-31 to 152nd Avenue Mill & Resurface 28'	Grand Haven	2.00	\$800,000	\$24,000	\$824,000
	Lincoln Street	Lakeshore Drive to US-31 Mill & Resurface 24'	Grand Haven	0.80	\$330,000	\$9,900	\$339,900
	152nd Avenue	Lincoln Street to Groesbeck Mill & Resurface Existing + 2' Shoulders	Grand Haven	1.75	\$780,000	\$39,000	\$819,000 (\$819,000)
	Van Wagoner	168th Avenue to W Spring Lk Rd Mill & Resurface Existing + 2' Shoulders	Spring Lake	0.75	\$335,000	\$5,000	\$340,000 (\$340,000)
	Total				5.30	\$2,245,000	\$77,900

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2025	112th Avenue	Riley Street to Quincy Street Mill & Resurface 24' + 2' Shoulders	Holland	1.00	\$450,000	\$13,500	\$463,500 (\$463,500)
	64th Avenue	Fillmore Street to M-45 Mill & Resurface 24' + 2' Shoulders	Allendale	2.00	\$900,000	\$27,000	\$927,000 (\$927,000)
	Pierce Street	48th Avenue to 42nd Avenue Mill & Resurface 30' & 24' + 2' Shoulders	Allendale	0.8	\$360,000	\$10,800	\$370,800
	Dogwood/180th Avenue	City Limits to Hickory Street Mill & Resurface 30'	Spring Lake	1.2	\$540,000	\$16,200	\$556,200 (\$556,200)
	Rosewood Street	28th Avenue to 12th Avenue Mill & Resurface 30'	Georgetown	2	\$900,000	\$27,000	\$927,000 (\$927,000)
Total				7.00	\$3,150,000	\$94,500	\$370,800

Implementation of the projects listed above will be based on receipt of the identified funding sources and are subject to change based budgetary constraints or other factors.



MAINTENANCE

2021-2025 Proposed Cape Seal Surfacing - Preventative Maintenance

<u>Project Key</u>	Michigan Transportation Funds Countywide Road Millage Funds
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	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2021	72nd Avenue	Van Buren St to Fillmore Cape Seal Surface 24'	Blendon	4.00	\$281,600	\$8,000	\$289,600
	Bauer Road	72nd Avenue to 24th Avenue Cape Seal Surface 24' & 30'	Blendon/Geo	6.00	\$528,000	\$12,000	\$540,000
	48th Avenue	Chicago Drive to Bauer Road Cape Seal Surface 24'	Blendon/Geo	4.75	\$334,400	\$9,500	\$343,900
	136th Avenue	Quincy Street to Port Sheldon Cape Seal Surface 24'	Holl/Olive	3.10	\$218,240	\$6,200	\$224,440
	Port Sheldon Street	Butternut Drive to US-31 Cape Seal Surface 24'	PS/Olive	3.70	\$260,480	\$5,000	\$265,480
Total				21.55	\$1,622,720	\$40,700	\$1,663,420

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2022	68th Avenue	Randall Street to Cleveland St Cape Seal Surface 24'	Polkton	1.00	\$77,440	\$2,000	\$79,440
	Wilson Street	Squires Road to Kenowa Avenue Cape Seal Surface 24'	Chester	6.00	\$464,640	\$6,000	\$470,640
	Gooding Street	Squires Road to 24th Avenue Cape Seal Surface 24'	Chester	3.00	\$232,320	\$3,000	\$235,320
	Gooding Street	24th Avenue to Kenowa Cape Seal Surface 24'	Chester	3.00	\$232,320	\$3,000	\$235,320 (\$235,320)
Total				13.00	\$1,006,720	\$14,000	\$785,400

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2023	8th Ave/Hayes St	County Line to Wilson Street Cape Seal Surface 24'	Wright	7.04	\$545,178	\$5,000	\$550,178
	Garfield St/Berlin Fair	48th Avenue to 16th Avenue Cape Seal Surface 24'	Wright	4.60	\$356,224	\$9,200	\$365,424
Total				11.64	\$901,402	\$14,200	\$915,602

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2024	48th Avenue	Ottogan Street to Chicago Drive Cape Seal Surface 24'	Zeeland/James	5.90	\$456,896	\$5,000	\$461,896
	Quincy Street	40th Avenue to Kenowa Cape Seal Surface 24'	Jamestown	5.00	\$387,200	\$5,000	\$392,200 (\$392,200)
Total				10.90	\$844,096	\$10,000	\$461,896

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2025	Green St/N Cedar	Mercury Drive to 104th Ave Cape Seal Surface 24'	Robinson	5.50	\$425,920	\$5,000	\$430,920
	Apple Drive	Cleveland Street to Fruitport Road Cape Seal Surface 24'	Sp Lake/Crock	7.40	\$573,056	\$14,800	\$587,856
Total				12.90	\$998,976	\$19,800	\$1,018,776

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MAINTENANCE

2021-2025 Proposed Seal Coat Surfacing - Preventative Maintenance

<u>Project Key</u>	Michigan Transportation Funds Township Funds
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	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC	
2021	40th Avenue	North of M-45	Allendale	0.30	\$8,400	\$300	\$8,700	
	46th Avenue	Rich Street to Pingree Street	Allendale	0.25	\$7,000	\$250	\$7,250	
	56th Avenue	M-45 to Warner Street	Allendale	1.52	\$42,560	\$1,520	\$44,080	
	60th Avenue	Alger Street to M-45	Allendale	1.76	\$49,280	\$1,760	\$51,040	
	72nd Avenue	South of Osborn Street	Allendale	0.10	\$2,800	\$100	\$2,900	
	74th Avenue	South of Buchanan to Warner Street	Allendale	0.60	\$16,800	\$600	\$17,400	
	76th Avenue	Fillmore Street to Pierce Street	Allendale	1.01	\$28,280	\$1,010	\$29,290	
	76th Avenue	Warner Street to Osborn Street	Allendale	0.76	\$21,280	\$760	\$22,040	
	78th Avenue	M-45 to Buchanan Street	Allendale	1.00	\$28,000	\$1,000	\$29,000	
	84th Avenue	M-45 to Warner Street	Allendale	1.50	\$42,000	\$1,500	\$43,500	
	92nd Avenue	Fillmore Street to N of Pierce	Allendale	1.26	\$35,280	\$1,260	\$36,540	
	92nd Avenue	Waner Street to Buchanan St	Allendale	0.50	\$14,000	\$500	\$14,500	
	Alger Street	64th Avenue to 56th Avenue	Allendale	1.01	\$28,280	\$1,010	\$29,290	
	Buchanan Street	76th Avenue to 74th Avenue	Allendale	0.50	\$14,000	\$500	\$14,500	
	Lincoln Street	68th Avenue to 60th Avenue	Allendale	1.00	\$28,000	\$1,000	\$29,000	
	Osborn Street	76th Avenue to 68th Avenue	Allendale	1.00	\$28,000	\$1,000	\$29,000	
	Pierce Street	96th Avenue to east of 88th Avenue	Allendale	1.20	\$33,600	\$1,200	\$34,800	
	Pierce Street	78th Avenue to 60th Avenue	Allendale	2.30	\$64,400	\$2,300	\$66,700	
	Pingree Street	46th Avenue to end	Allendale	0.22	\$6,160	\$220	\$6,380	
	Rich Street	West of 48th Ave to 46th Ave	Allendale	0.85	\$23,800	\$850	\$24,650	
	Warner Street	68th Avenue to 64th Avenue	Allendale	0.50	\$14,000	\$500	\$14,500	
	Rich Street	144th Avenue to 120th Avenue	Robinson	3.00	\$84,000	\$3,000	\$87,000	
	112th Avenue	Buchanan St to Lincoln Street	Robinson	1.00	\$28,000	\$1,000	\$29,000	
	120th Avenue	Lincoln Street to North Cedar Dr	Robinson	2.30	\$64,400	\$2,300	\$66,700	
	128th Avenue	Lincoln Street to Green Street	Robinson	2.00	\$56,000	\$2,000	\$58,000	
	136th Avenue	North Cedar south to end	Robinson	0.70	\$19,600	\$700	\$20,300	
	132nd Avenue	North Cedar south to end	Robinson	0.82	\$22,960	\$820	\$23,780	
	Sleeper Street	128th Avenue to 120th Avenue	Robinson	1.00	\$28,000	\$1,000	\$29,000	
	100th Avenue	Bingham St to Port Sheldon St	Olive	0.50	\$14,000	\$500	\$14,500	
	104th Avenue	Van Buren St to Tyler St	Olive	2.00	\$56,000	\$2,000	\$58,000	
	104th Avenue	Baldwin St to Fillmore St	Olive	2.50	\$70,000	\$2,500	\$72,500	
	112th Avenue	New Holland St to Polk Street	Olive	4.00	\$112,000	\$4,000	\$116,000	
	112th Avenue	Stanton St to Fillmore Street	Olive	0.50	\$14,000	\$500	\$14,500	
	116th Avenue	South of Polk Street to Taylor Street	Olive	1.30	\$36,400	\$1,300	\$37,700	
	Baldwin Street	104th Avenue to 96th Avenue	Olive	1.00	\$28,000	\$1,000	\$29,000	
	Bingham Street	100th Avenue to 96th Avenue	Olive	0.50	\$14,000	\$500	\$14,500	
	Blair Street	104th Avenue to 96th Avenue	Olive	1.00	\$28,000	\$1,000	\$29,000	
	New Holland Street	120th Avenue to 96th Avenue	Olive	3.00	\$84,000	\$3,000	\$87,000	
	Polk Street	120th Ave to 96th Ave	Olive	3.00	\$84,000	\$3,000	\$87,000	
	Stanton Street	120th Avenue to 96th Avenue	Olive	3.00	\$84,000	\$3,000	\$87,000	
		Total			52.26	\$1,463,280	\$52,260	\$1,515,540

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MAINTENANCE

2021-2025 Proposed Seal Coat Surfacing - Preventative Maintenance

<u>Project Key</u>	Michigan Transportation Funds
	Township Funds

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2024	104th Avenue	Garfield Street to Leonard Street	Crockery	0.40	\$12,000	\$400	\$12,400
	120th Avenue	Leonard Street south to river	Crockery	1.50	\$45,000	\$1,500	\$46,500
	130th Avenue	M-104 south	Crockery	0.25	\$7,500	\$250	\$7,750
	130th Avenue	M-104 to State Road	Crockery	1.00	\$30,000	\$1,000	\$31,000
	130th Avenue	Hickory Street to Wilson Street	Crockery	0.50	\$15,000	\$500	\$15,500
	132nd Avenue	Leonard Street south	Crockery	0.50	\$15,000	\$500	\$15,500
	136th Avenue	M-104 south	Crockery	0.25	\$7,500	\$250	\$7,750
	138th/144th Avenue	Leonard Street south to river	Crockery	2.40	\$72,000	\$2,400	\$74,400
	144th Avenue	Boom Road to Leonard Street	Crockery/ SL	1.00	\$30,000	\$1,000	\$31,000
	96th Avenue	Leonard Street to Oriole Drive	Crockery	0.63	\$18,900	\$630	\$19,530
	State Road	112th Avenue to Walnut	Crockery	0.61	\$18,300	\$610	\$18,910
	Taft Street	144th Avenue to Apple Drive	Crockery	0.99	\$29,700	\$990	\$30,690
	Taft Street	West of 112th Avenue	Crockery	0.50	\$15,000	\$500	\$15,500
	Wilson Street	112th Avenue to 104th Avenue	Crockery	1.00	\$30,000	\$1,000	\$31,000
	64th Avenue	City Limits to Wilson St	Polkton	2.79	\$83,700	\$2,790	\$86,490
	68th Avenue	City Limits to Taft Street	Polkton	1.78	\$53,400	\$1,780	\$55,180
	76th Avenue	Hayes Street to Garfield Street	Polkton	1.00	\$30,000	\$1,000	\$31,000
	84th Avenue	S of Leonard to Garfield Street	Polkton	2.50	\$75,000	\$2,500	\$77,500
	88th Avenue	Leonard Street to Taft Street	Polkton	5.50	\$165,000	\$5,500	\$170,500
	90th Avenue	Leonard Street south	Polkton	0.90	\$27,000	\$900	\$27,900
	96th Avenue	Cleveland Street to Taft Street	Polkton	2.00	\$60,000	\$2,000	\$62,000
	Arthur Street	88th Avenue to 68th Avenue	Polkton	2.70	\$81,000	\$2,700	\$83,700
	Garfield Street	96th Avenue to 68th Avenue	Polkton	3.54	\$106,200	\$3,540	\$109,740
	Garfield Street	68th Avenue to 48th Avenue	Polkton	2.52	\$75,600	\$2,520	\$78,120
	Oriole Drive	Leonard Street west	Polkton	0.77	\$23,100	\$770	\$23,870
	Roosevelt Street	56th Avenue to 48th Avenue	Polkton	1.00	\$30,000	\$1,000	\$31,000
	Roosevelt Street	68th Avenue to 64th Avenue	Polkton	0.50	\$15,000	\$500	\$15,500
	148th Avenue	Boom Road to Leonard Street	Spring Lake	0.90	\$26,100	\$900	\$27,000
	Boom Road	Leonard Street to 144th Avenue	Spring Lake	1.70	\$49,300	\$1,700	\$51,000
	Hickory Street	Fruitport Road to Apple Drive	Spring Lake	1.25	\$36,250	\$1,250	\$37,500
	Kelly Street	Fruitport Road to 148th Avenue	Spring Lake	1.00	\$29,000	\$1,000	\$30,000
	Taft Street	180th Avenue to 174th Avenue	Spring Lake	0.80	\$23,200	\$800	\$24,000
	Wilson Street	West of 174th Ave to US-31	Spring Lake	1.30	\$37,700	\$1,300	\$39,000
	24th Avenue	Hayes Street to Cleveland Street	Wright	3.00	\$90,000	\$3,000	\$93,000
	32nd Avenue	Hayes Street to Garfield Street	Wright	1.02	\$30,600	\$1,020	\$31,620
	40th Avenue	Arthur Street to Wilson St	Wright	4.10	\$123,000	\$4,100	\$127,100
	48th Avenue	City Limits to Wilson St	Wright/Crock	2.80	\$84,000	\$2,800	\$86,800
Hayes Street	40th Avenue to 16th Avenue	Wright	3.00	\$90,000	\$3,000	\$93,000	
			Total	59.90	\$1,790,050	\$59,900	\$1,849,950

Implementation of the projects listed above will be based on receipt of the identified funding sources and are subject to change based budgetary constraints or other factors.



MAINTENANCE

2021-2025 Proposed Seal Coat Surfacing - Preventative Maintenance

<u>Project Key</u>	Michigan Transportation Funds Township Funds
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	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2025	8th Avenue	Wilson Street to Harding Street	Chester	1.00	\$30,000	\$1,000	\$31,000
	8th Avenue	Coolidge Street to Sherman Street	Chester	4.00	\$120,000	\$4,000	\$124,000
	16th Avenue	Harding Street to Sherman Blvd.	Chester	5.00	\$150,000	\$5,000	\$155,000
	24th Avenue	Sehler Street to Crockery Lake	Chester	2.75	\$82,500	\$2,750	\$85,250
	24th Avenue	Crockery Lake to Sherman Blvd.	Chester	2.30	\$69,000	\$2,300	\$71,300
	32nd Avenue	Wilson Street to Sehler Street	Chester	0.50	\$15,000	\$500	\$15,500
	32nd Avenue	Harrisburg Road to Sherman Street	Chester	1.40	\$42,000	\$1,400	\$43,400
	40th Avenue	Sehler Street to Sherman Blvd	Chester	5.50	\$165,000	\$5,500	\$170,500
	Coolidge Street	40th Avenue to Kenowa Ave	Chester	5.00	\$150,000	\$5,000	\$0
	Harding Street	48th Avenue to Kenowa Ave	Chester	6.01	\$180,300	\$6,010	\$186,310
	Hoover Street	Squires Road to Kenowa Ave	Chester	6.00	\$180,000	\$6,000	\$186,000
	Kenowa Avenue	Wilson Street to Truman Street	Chester	5.00	\$150,000	\$5,000	\$155,000
	Arthur Street	48th Avenue to Kenowa Avenue	Wright	6.00	\$180,000	\$6,000	\$186,000
	Dickinson Street	8th Avenue to Kenowa Ave	Wright	1.00	\$30,000	\$1,000	\$31,000
	Garfield Street	16th Avenue to County line	Wright	2.00	\$60,000	\$2,000	\$62,000
	Ironwood Drive	48th Avenue to 40th Avenue	Wright	1.10	\$33,000	\$1,100	\$34,100
	Juniper Drive	Arthur Street to east of 24th Ave	Wright	1.71	\$51,300	\$1,710	\$53,010
	Roosevelt Street	40th Avenue to Kenowa Ave	Wright	5.00	\$150,000	\$5,000	\$155,000
	Taft Street	8th Avenue to Kenowa Ave	Wright	1.10	\$33,000	\$1,100	\$34,100
	Total				62.37	\$1,871,100	\$62,370

Implementation of the projects listed above will be based on receipt of the identified funding sources and are subject to change based budgetary constraints or other factors.



DRAINAGE

2021-2025 Proposed Bridge Improvements

<u>Project Key</u>	Allocated Federal and State Funds	Michigan Transportation Funds
	Anticipated Federal and State Funds	Countywide Road Millage Funds

	Road Name	Project Limits	Township	Estimate	Engineering	Federal Aid	OCRC
2021	Byron Road	over Black River Rehabilitation	Zeeland	\$1,526,000	\$50,000	\$1,576,000	\$0
	32nd Avenue	over Rio Grande Creek Replacement - Timber Structure	Chester	\$250,000	\$10,000	\$0	\$260,000
	Miscellaneous	Preventative Maintenance					\$100,000
	Total					\$60,000	\$1,576,000

	Road Name	Project Limits	Township	Estimate	Engineering	Federal Aid	OCRC
2022	96th Avenue	over Black River Tributary Replacement	Holland/Zee	\$2,324,000	\$100,000	\$2,090,000	\$334,000
	Miscellaneous	Preventative Maintenance					\$100,000
	Total					\$100,000	\$2,090,000

	Road Name	Project Limits	Township	Estimate	Engineering	Federal Aid	OCRC
2023	Hayes Street	over Sand Creek Replacement	Wright	\$1,275,000	\$50,000	\$1,083,750	\$241,250
	Miscellaneous	Preventative Maintenance					\$100,000
	Total					\$50,000	\$1,083,750

	Road Name	Project Limits	Township	Estimate	Engineering	Federal Aid	OCRC
2024	South Shore Drive	Montello Park Drain Replacement with 20'x5' Box	Park	\$250,000	\$10,000	\$0	\$260,000 (\$260,000)
	Miscellaneous	Preventative Maintenance					\$100,000
	Total					\$10,000	\$0

	Road Name	Project Limits	Township	Estimate	Engineering	Federal Aid	OCRC
2025	12th Avenue	over Rush Creek Replacement	Georgetown	\$1,182,000	\$50,000	\$1,004,700	\$227,300
	Miscellaneous	Preventative Maintenance					\$100,000
	Total					\$50,000	\$1,004,700

Implementation of the projects listed above will be based on receipt of the identified funding sources and are subject to change based budgetary constraints or other factors.



DRAINAGE

2021-2025 Proposed Culvert Replacements

Project Key	Michigan Transportation Funds
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	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2021	32nd Avenue	1/4mile north of Harding Street Replace with 49"x33" Alum.	Chester	Paved	\$30,000	\$5,000	\$35,000
	48th Avenue	1000' south of Fillmore Street Replace with 83" x 71" Alm. CMP	Georgetown	Paved	\$100,000	\$7,000	\$107,000
	Boom Road	200' east of 152nd Avenue Replace with 60" Alm. CMP	Spring Lake	Paved	\$80,000	\$7,000	\$87,000
	Leonard Road	1950' east of 40th Avenue Replace with 10' x 6' Concrete Box	Tallmadge	Paved	\$45,000	\$5,000	\$50,000
	104th Avenue	2680' south of Johnson Street Replace with 54" Alm. CMP	Robinson	Paved	\$65,000	\$5,000	\$70,000
	104th Avenue	3100' south of Johnson Street Replace with 54" Alm. CMP	Robinson	Paved	\$65,000	\$5,000	\$70,000
	Miscellaneous						\$100,000
Total					\$385,000	\$34,000	\$519,000

	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2022	92nd Avenue	200' north of Quincy Street Replace with 49"x33" Alm. CMP	Zeeland	Paved	\$40,000	\$5,000	\$45,000
	96th Avenue	at Van Buren Street Replace with 10' x 6' Concrete Box	Blendon	Paved	\$130,000	\$10,000	\$140,000
	96th Avenue	1000' north of Blair Replace with 66"x51" Alm. CMP	Blendon	Paved	\$75,000	\$7,500	\$82,500
	104th Avenue	at Perry Street Replace with 53"x83" Ellip. Conc.	Holland	Paved	\$100,000	\$7,000	\$107,000
	Beeline Street	at Greenly Street Replace with 10' x 5' Concrete Box	Holland	Paved	\$110,000	\$7,000	\$117,000
	Miscellaneous						\$100,000
Total					\$455,000	\$36,500	\$591,500

Implementation of the projects listed above will be based on receipt of the identified funding sources and are subject to change based budgetary constraints or other factors.



DRAINAGE

2021-2025 Proposed Culvert Replacements

<u>Project Key</u>	Michigan Transportation Funds
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	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2023	152nd Avenue	North of James Street Replace with 66"x51" Alm. CMP	Park	Paved	\$63,000	\$6,000	\$69,000
	160th Avenue	North of Van Buren Street Replace with 87"x64" Alm. CMP	Port Sheldon	Paved	\$80,000	\$5,000	\$85,000
	Blair Street	east of 72nd Avenue Replace with 53"x41" Alm. CMP	Blendon	Gravel	\$30,000	\$5,000	\$35,000
	Kenowa Avenue	1/2 mile north of Gooding Replace with 36" Alm. CMP	Chester	Paved	\$40,000	\$4,000	\$44,000
	New Holland Street	1/4 mile west of 56th Avenue Replace with 142"x91" Alm. CMP	Blendon	Gravel	\$100,000	\$10,000	\$110,000
	Tyler Street	at 96th Avenue Replace with 66" Alm. CMP	Blendon	Paved	\$60,000	\$5,000	\$65,000
	Miscellaneous						\$100,000
Total					\$373,000	\$35,000	\$508,000

	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2024	16th Avenue	130' south of Quincy Street Replace with 22'x9' Concrete Box	Jamestown	Paved	\$130,000	\$10,000	\$140,000
	76th Avenue	1/2 mile north of Garfield Street Replace with 71"x47" Alm. CMP	Polkton	Gravel	\$40,000	\$5,000	\$45,000
	Kenowa Avenue	600' North of Gooding Street Replace with 10'x8' Concrete Box	Chester	Paved	\$150,000	\$10,000	\$160,000
	Van Buren Street	700' east of 116th Avenue Replace with 7'x7' Concrete Box	Olive	Gravel	\$85,000	\$8,500	\$93,500
	Miscellaneous						\$100,000
Total					\$405,000	\$33,500	\$538,500

	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2025	64th Avenue	100' north of Perry Street Replace with 8'x4' Concrete Box	Zeeland	Gravel	\$80,000	\$7,000	\$87,000
	76th Avenue	200' south of Bohl Replace with 81x59" Alm. CMP	Zeeland	Gravel	\$40,000	\$5,000	\$45,000
	112th Avenue	800' north of Van Buren Street Replace with 14' x 8' Concrete Box	Olive	Paved	\$120,000	\$10,000	\$130,000
	New Holland Street	1/4 mile east of 136th Avenue Replace with 14'x7' Concrete Box	Olive	Paved	\$120,000	\$10,000	\$130,000
	Miscellaneous						\$100,000
Total					\$360,000	\$32,000	\$492,000

Implementation of the projects listed above will be based on receipt of the identified funding sources and are subject to change based budgetary constraints or other factors.