



Since 1911

Ottawa County Road Commission
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August 1, 2019

On behalf of the Ottawa County Road Commission, I am pleased to present to you a Draft of the latest Road Commission transportation plan: 2020-2024 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 2020-2024 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
 - Primary Road Improvements
 - Local Road Improvements
- Preventative Maintenance Treatments
 - Cape Seal Surfacing
 - Seal Coat Surfacing
- Drainage Improvements
 - Culvert Replacements
 - Bridge Improvements

Before the 2020-2024 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 15, 2019, 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,

A handwritten signature in blue ink, appearing to read "Brett A. Laughlin", with a long horizontal flourish extending to the right.

Brett A. Laughlin, P.E.
Managing Director



ROADS

2020-2024 Proposed Primary Road Improvements

Project Key	Allocated Federal and State Funds	Michigan Transportation Funds
	Anticipated Federal and State Funds	Countywide Road Millage Funds

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2020	Lakewood Blvd	120th Avenue to 112th Avenue Resurface 55'	1.00	\$500,000	\$25,000	\$350,000	\$175,000
	14th Ave/Port Sheldon	44th Street to Main Street Resurface 30'	2.38	\$1,059,100	\$52,955	\$620,000	\$492,055
	44th St/Port Sheldon	Chicago Drive to 8th Avenue Resurface 55'	1.69	\$845,000	\$42,250	\$400,000	\$487,250
	Lakeshore Drive	Rosy Mound to Buchanan St Resurface 32'	2.70	\$1,201,500	\$50,000	\$630,859	\$620,641 (\$620,641)
	Adams Street	48th Avenue to 24th Avenue Resurface 24' + 3' Shoulder	3.00	\$1,455,000	\$72,750	\$749,179	\$778,571
	Port Sheldon Street	48th Avenue to 40th Avenue Reconstruct to 3 Lanes	1.00	\$1,600,000	\$100,000	\$0	\$1,700,000 (\$1,200,000)
	96th Avenue	BL-196 to Perry Street Resurface 36'	0.50	\$150,000	\$5,000	\$0	\$155,000
	68th Avenue	M-45 to the Grand River Resurface 30'	2.50	\$1,062,500	\$31,875	\$0	\$1,094,375 (\$1,094,375)
	72nd Avenue	New Holland to Port Sheldon Resurface 24' + 3' Shoulder	2.00	\$900,000	\$27,000	\$0	\$927,000 (\$927,000)
	Felch Street	US-31 to 120th Avenue Resurface 55'	0.60	\$260,000	\$10,000	\$0	\$270,000 (\$270,000)
	Lakeshore Drive	Riley Street to Lakewood Blvd Resurface 24' + 3' Shoulder	1.50	\$705,000	\$21,150	\$0	\$726,150 (\$726,150)
	Riley Street	24th Avenue to 8th Avenue Resurface 24' + 3' Shoulder	2.00	\$900,000	\$27,000	\$0	\$927,000 (\$927,000)
	Riley Street	136th Avenue to US-31 Resurface 55'	1.20	\$540,000	\$10,000	\$0	\$550,000 (\$550,000)
		ROW & Other					
	Total		22.07	\$11,178,100	\$474,980	\$2,750,038	\$2,887,876

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ROADS

2020-2024 Proposed Primary Road Improvements

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

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2021	Croswell Street	Lakeshore Dr to US-31 Resurface 24' + 3' Shoulder	2.77	\$1,340,000	\$67,000	\$750,000	\$657,000 (\$657,000)
	48th Avenue	Bauer Road to Pierce Street Resurface 30'	2.50	\$1,112,500	\$55,625	\$839,938	\$328,187
	8th Avenue	Jackson Street to Port Sheldon Resurface 30' and 36'	2.30	\$920,000	\$46,000	\$694,600	\$271,400
	Mercury Drive	Comstock Street to City Limits Resurface 36'	1.71	\$725,000	\$36,250	\$450,000	\$311,250
	104th Avenue	M-45 to North Cedar Drive Resurface 24' + 3' Shoulder	4.06	\$1,940,000	\$97,000	\$763,179	\$1,273,821
	Fillmore Street	US-31 to 120th Avenue Resurface 24' + 3' Shoulder	4.00	\$1,800,000	\$54,000	\$0	\$1,854,000
	Lakeshore Drive	Fillmore Street to Buchanan St Resurface 32'	3.10	\$1,150,000	\$34,500	\$0	\$1,184,500 (\$1,184,500)
	112th Avenue	Leonard St to Cleveland St 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 Resurface 24' + 3' Shoulder	1.80	\$780,000	\$23,400	\$0	\$803,400 (\$803,400)
	Leonard Street	48th Avenue to Linden Drive Resurface 24' + 3' Shoulder	1.70	\$770,000	\$23,100	\$0	\$793,100 (\$793,100)
	Quincy Street	120th Avenue to 96th Avenue Resurface 24' + 3' Shoulder	3.00	\$1,350,000	\$40,500	\$0	\$1,390,500 (\$1,390,500)
	ROW & Other						\$300,000
Total			28.53	\$13,338,500	\$587,905	\$3,497,717	\$4,338,658

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ROADS

2020-2024 Proposed Primary Road Improvements

Project Key	Allocated Federal and State Funds	Michigan Transportation Funds
	Anticipated Federal and State Funds	Countywide Road Millage Funds

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2022	Fillmore St/Cottonwood	48th Avenue to Taylor St Resurface 30'	4.40	\$1,958,000	\$97,900	\$1,300,000	\$755,900 (\$755,900)
	Lakewood Blvd	Lakeshore Drive to 144th Ave Resurface 30'	3.50	\$1,200,000	\$60,000	\$750,000	\$510,000 (\$510,000)
	Hickory/Palm Dr	174th Avenue to County Line Resurface 24' + 3' Shoulder	1.95	\$980,000	\$30,000	\$580,000	\$430,000 (\$430,000)
	Leonard Street	68th Avenue to 48th Avenue Resurface 24' + 3' Shoulder	2.66	\$1,047,600	\$52,380	\$776,179	\$323,801
	Fillmore Street	120th Avenue to 96th Avenue Resurface 24' + 3' Shoulder	3.00	\$1,350,000	\$40,500	\$0	\$1,390,500
	120th Avenue	Port Sheldon St to Fillmore St Resurface 24' + 3' Shoulder	4.00	\$1,800,000	\$54,000	\$0	\$1,854,000
	112th/Osborn St	Lincoln Street to 104th Avenue Resurface 24' + 3' Shoulder	1.25	\$600,000	\$18,000	\$0	\$618,000 (\$618,000)
	ROW & Other						\$300,000
Total			20.76	\$8,935,600	\$352,780	\$3,406,179	\$3,868,301

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2023	18th Ave/20th Ave	Chicago Dr to Bauer Road Resurface 44' and 30'	2.30	\$975,000	\$29,250	\$769,568	\$234,682 (\$234,682)
	Riley Street	32nd Avenue to 24th Avenue Resurface 24' + 3' Shoulder	1.00	\$475,000	\$23,750	\$374,918	\$123,832
	Chicago Dr/8th St	West of US-31 Resurface 44'	1.25	\$900,000	\$45,000	\$700,000	\$245,000
	Mercury Drive	Comstock Street to 144th Ave Resurface 36'	1.70	\$765,000	\$38,250	\$510,000	\$293,250
	Leonard Street	88th Avenue to 68th Avenue Resurface 24' + 3' Shoulder	3.20	\$1,280,000	\$64,000	\$791,179	\$552,821 (\$552,821)
	64th Avenue	Byron Road to Chicago Drive Resurface 24' + 3' Shoulder	1.90	\$900,000	\$27,000	\$370,000	\$557,000 (\$557,000)
	Fillmore Street	96th Avenue to 48th Avenue Resurface 24' + 3' Shoulder	6.00	\$2,550,000	\$76,500	\$0	\$2,626,500
	Butternut Drive	New Holland St to Lakeshore Dr Resurface 30'	3.50	\$1,400,000	\$42,000	\$0	\$1,442,000 (\$1,442,000)
ROW & Other						\$300,000	
Total			20.85	\$9,245,000	\$345,750	\$3,515,665	\$3,588,582

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2020-2024 Proposed Primary Road Improvements

Project Key	Allocated Federal and State Funds	Michigan Transportation Funds
	Anticipated Federal and State Funds	Countywide Road Millage Funds

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2024	Riley Street	US-31 to 96th Avenue Resurface 55' and 36'	3.70	\$1,670,000	\$50,100	\$750,000	\$970,100
	22nd/Van Buren/14th	Jackson Street to Port Sheldon Resurface 30' /3' Paved Shoulder	3.20	\$1,500,000	\$45,000	\$750,000	\$795,000
	28th Avenue	City Limits to Baldwin Street Resurface 55'	1.40	\$650,000	\$19,500	\$500,000	\$169,500
	Lincoln Street	US-31 to 144th Avenue Resurface 55'	2.80	\$1,000,000	\$30,000	\$600,000	\$430,000
	120th Avenue	Fillmore St to M-45 Resurface 24' + 3' Shoulder	2.00	\$950,000	\$28,500	\$0	\$978,500
	Linden Drive	M-45 to Leonard Road 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 Resurface 24' + 3' Shoulder	2.10	\$990,000	\$29,700	\$0	\$1,019,700 (\$1,019,700)
	ROW & Other						\$300,000
Total			18.10	\$8,860,000	\$326,800	\$2,600,000	\$3,643,100

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ROADS

2020-2024 Proposed Local Paved Road Improvements

<u>Project Key</u>	MTF Funds Countywide Road Millage Funds
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	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2020	148th Avenue	Leonard Street to Fruitport Road Resurface 24' + 2' Shoulders	Spring Lake	4.00	\$1,600,000	\$48,000	\$1,648,000 (\$800,000)
	Frontage Street	88th Avenue to 84th Avenue Resurface Existing	Zeeland	0.50	\$175,000	\$5,250	\$180,250
	84th Avenue	Adams Street to Frontage Resurface Existing	Zeeland	0.65	\$200,000	\$6,000	\$206,000
	Perry Street	96th Avenue to 92nd Avenue Resurface Existing	Zeeland	0.50	\$175,000	\$5,000	\$180,000 (\$180,000)
	92nd Avenue	Perry Street to BL-196 Resurface Existing	Zeeland	0.50	\$175,000	\$5,000	\$180,000 (\$180,000)
Total				6.15	\$2,325,000	\$69,250	\$1,234,250

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2021	42nd Avenue	Fillmore Street to Pierce Street Resurface Existing	Georgetown	1.00	\$350,000	\$10,500	\$360,500
	144th Avenue	Leonard Street to Apple Drive Resurface Existing	SL/Crockery	3.55	\$1,240,000	\$37,200	\$1,277,200
	136th Avenue	Port Sheldon St to Tyler St Resurface Existing	Olive	1.00	\$350,000	\$10,500	\$360,500
Total				5.55	\$1,940,000	\$58,200	\$1,998,200

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2022	152nd Avenue	Lakewood Blvd to New Holland Resurface Existing	Park	3.50	\$1,300,000	\$65,000	\$1,365,000
	Quincy Street	96th Avenue to 72nd Avenue Resurface + 2' Shoulders	Zeeland	3.00	\$1,200,000	\$36,000	\$1,236,000 (\$736,000)
	Comstock Street	16th Avenue to 8th Avenue Resurface 30'	Wright	0.90	\$340,000	\$17,000	\$357,000 (\$357,000)
	104th Avenue	James Street to Quincy Street Resurface + 2' Shoulders	Holland	2.00	\$900,000	\$27,000	\$927,000
Total				9.40	\$3,740,000	\$145,000	\$2,792,000

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ROADS

2020-2024 Proposed Local Paved Road Improvements

Project Key	MTF Funds Countywide Road Millage Funds
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	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2023	104th Avenue	Adams Street to BL-196 Resurface + 2' Shoulders	Holland	1.63	\$740,000	\$22,200	\$762,200
	Ferris Street	US-31 to 152nd Avenue Resurface 28'	Grand Haven	2.00	\$800,000	\$24,000	\$824,000
	Lincoln Street	Lakeshore Drive to US-31 Resurface 24'	Grand Haven	0.80	\$330,000	\$9,900	\$339,900
	152nd Avenue	Lincoln Street to Groesbeck Resurfurce to 24' + 2' Shoulder	Grand Haven	1.75	\$780,000	\$39,000	\$819,000 (\$819,000)
	Total			6.18	\$2,650,000	\$95,100	\$1,926,100

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2024	112th Avenue	Riley Street to Quincy Street Resurface 24' + 2' shoulder	Holland	1.00	\$450,000	\$13,500	\$463,500
	64th Avenue	Fillmore Street to M-45 Resurface 24' + 2' shoulder	Allendale	2.00	\$900,000	\$27,000	\$927,000
	Pierce Street	48th Avenue to 42nd Avenue Resurface 24' + 2' shoulder	Allendale	0.8	\$360,000	\$10,800	\$370,800
	Total			3.80	\$1,710,000	\$51,300	\$1,761,300

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MAINTENANCE

2020-2024 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
2020	8th Avenue	M-45 to M-11 Cape Seal Surface 24'	Tallmadge	4.00	\$281,600	\$8,000	\$289,600
	Cleveland Street	24th Avenue to 16th Avenue Cape Seal Surface 24'	Wright	1.00	\$70,400	\$1,000	\$71,400
	24th Avenue	Cleveland Street to Wilson St Cape Seal Surface 24'	Wright	3.00	\$211,200	\$1,000	\$212,200
	16th Avenue	Hayes Street to Cleveland St Cape Seal Surface 24'	Wright	3.10	\$218,240	\$3,100	\$221,340
	Hayes Street	16th Avenue to M-11 Cape Seal Surface 24'	Wright	1.00	\$70,400	\$1,000	\$71,400
	Wilson Street	80th Avenue to 48th Avenue Cape Seal Surface 24'	Polkton	4.00	\$281,600	\$2,000	\$283,600
	56th Avenue	Cleveland Street to Wilson St Cape Seal Surface 24'	Polkton	3.00	\$211,200	\$6,000	\$217,200 (217,200)
	Cleveland Street	48th Avenue to 24th Avenue Cape Seal Surface 30'	Wright	3.00	\$264,000	\$3,000	\$267,000 (267,000)
Total				22.10	\$1,608,640	\$25,100	\$1,149,540

	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

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MAINTENANCE

2020-2024 Proposed Cape Seal Surfacing - Preventative Maintenance

Project Key	Michigan Transportation Funds Countywide Road Millage Funds
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	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2022	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
	68th Avenue	Randall Street to Cleveland St Cape Seal Surface 24'	Polkton	1.00	\$77,440	\$2,000	\$79,440
	Linden/Luce Street	M-45 to Kenowa Cape Seal Surface 24'	Tallmadge	5.50	\$425,920	\$11,000	\$436,920
	Apple Drive	Cleveland Street to Fruitport Road Cape Seal Surface 24'	Sp Lake/Crock	7.40	\$573,056	\$14,800	\$587,856
	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				37.54	\$2,907,098	\$54,000	\$2,725,778

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2023	Port Sheldon Street	US-31 to 48th Avenue Cape Seal Surface 30'	Olive/Blendon	11.20	\$867,328	\$11,000	\$878,328
	Green St/N Cedar	Mercury Drive to 104th Ave Cape Seal Surface 24'	Robinson	5.50	\$425,920	\$5,000	\$430,920
	48th Avenue	Ottogan Street to Chicago Drive Cape Seal Surface 24'	Zeeland/James	5.90	\$456,896	\$5,000	\$461,896
	Ottawa Beach Road	Holland State Park to 144th Ave Cape Seal Surface 30' and 44'	Park	4.40	\$567,893	\$4,500	\$572,393 (\$572,393)
Total				27.00	\$2,318,037	\$25,500	\$1,771,144

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2024	Leonard Street	Village of Spring Lk to 112th Ave Cape Seal Surface 30'	SL/Crockery	6.80	\$658,240	\$3,500	\$661,740
	West Spring Lake Road	Village limits to Hemlock Drive	Spring Lake	1.76	\$136,294	\$3,500	\$139,794
	Adams Street	96th Avenue to 48th Avenue Cape Seal Surface 30'	Zeeland	6.00	\$580,800	\$3,500	\$584,300
	Fruiport Road	M-104 to County Line Cape Seal Surface 30'	Spring Lake	3.50	\$271,040	\$3,500	\$274,540 (\$274,540)
	Quincy Street	40th Avenue to Kenowa Cape Seal Surface 24'	Jamestown	5.00	\$387,200	\$5,000	\$392,200 (\$392,200)
Total				23.06	\$2,033,574	\$19,000	\$1,385,834

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MAINTENANCE

2020-2024 Proposed Seal Coat Surfacing - Preventative Maintenance

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

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2020	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
	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
	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
	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
	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
	16th Avenue	Harding Street to Sherman Blvd.	Chester	5.00	\$140,000	\$5,000	\$145,000
	24th Avenue	Sehler Street to Crockery Lake	Chester	2.75	\$77,000	\$2,750	\$79,750
	24th Avenue	Crockery Lake to Sherman Blvd.	Chester	2.30	\$64,400	\$2,300	\$66,700
	40th Avenue	Sehler Street to Sherman Blvd	Chester	5.50	\$154,000	\$5,500	\$159,500
	Coolidge Street	40th Avenue to Kenowa Ave	Chester	6.00	\$168,000	\$6,000	\$174,000
	Harding Street	48th Avenue to Kenowa Ave	Chester	6.01	\$168,280	\$6,010	\$174,290
	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
	2nd Avenue	Finnessey Dr to M-45	Tallmadge	1.20	\$33,600	\$1,200	\$34,800
	8th Avenue	Finnessey Dr to M-45	Tallmadge	1.50	\$42,000	\$1,500	\$43,500
	12th Avenue	Hayes Street south	Tallmadge	0.50	\$14,000	\$500	\$14,500
	14th Avenue	M-45 to north of Lincoln St	Tallmadge	2.55	\$71,400	\$2,550	\$73,950
	42nd Avenue	Leonard Street north	Tallmadge	0.10	\$2,800	\$100	\$2,900
	44th Avenue	Leonard Street north	Tallmadge	0.15	\$4,200	\$150	\$4,350
	Begole Street	Kenowa Avenue west	Tallmadge	0.70	\$19,600	\$700	\$20,300
	Buchanan Street	24th Avenue west	Tallmadge	0.80	\$22,400	\$800	\$23,200
	Johnson Street	8th Avenue and Kenowa	Tallmadge	1.00	\$28,000	\$1,000	\$29,000
	Johnson Street	48th Avenue to 24th Avenue	Tallmadge	3.00	\$84,000	\$3,000	\$87,000
	Kenowa Avenue	Lincoln Street to Johnson Street	Tallmadge	1.00	\$28,000	\$1,000	\$29,000
Lincoln Street	24th Avenue to Kenowa Avenue	Tallmadge	3.10	\$86,800	\$3,100	\$89,900	
Lovers Lane	Luce Street to M-45	Tallmadge	1.85	\$51,800	\$1,850	\$53,650	
Winans Street	Luce Street east	Tallmadge	0.25	\$7,000	\$250	\$7,250	
	Total		67.72	\$1,896,160	\$67,720	\$1,963,880	

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MAINTENANCE

2020-2024 Proposed Seal Coat Surfacing - Preventative Maintenance

Project Key	Michigan Transportation Funds Township Funds
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Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC	
2021	104th Avenue	Van Buren St to Fillmore St	Olive	5.00	\$140,000	\$5,000	\$145,000
	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
	124th Avenue	Croswell Street north	Olive	0.40	\$11,200	\$400	\$11,600
	144th Avenue	New Holland St to West Olive	Olive/Port Sh	3.75	\$105,000	\$3,750	\$108,750
	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	US-31 to 136th Avnue	Olive	0.50	\$14,000	\$500	\$14,500
	New Holland Street	120th Avenue to 96th Avenue	Olive	3.00	\$84,000	\$3,000	\$87,000
	Polk Street	West of 120th Ave to 96th Ave	Olive	3.25	\$91,000	\$3,250	\$94,250
	Stanton Street	142nd Avenue to 96th Avenue	Olive	5.80	\$162,400	\$5,800	\$168,200
	Taylor Street	120th Avenue to 116th Avenue	Olive	0.50	\$14,000	\$500	\$14,500
	152nd Avenue	Ottawa Beach Road south	Park	0.80	\$22,400	\$800	\$23,200
	160th Avenue	South of OBR to Ransom Street	Park	4.10	\$114,800	\$4,100	\$118,900
	168th Avenue	Perry Street to Riley Street	Park	2.00	\$56,000	\$2,000	\$58,000
	Greenly Street	168th Avenue to 152nd Avenue	Park	2.04	\$57,120	\$2,040	\$59,160
	Perry Street	Lakeshore Dr to east of 160th	Park	1.90	\$53,200	\$1,900	\$55,100
	Ransom Street	Lakeshore Dr to Butternut	Park	2.56	\$71,680	\$2,560	\$74,240
	52nd Avenue	Perry Street to Byron Road	Zeeland	1.00	\$28,000	\$1,000	\$29,000
	56th Avenue	Ottogan Street to Byron Road	Zeeland	3.00	\$84,000	\$3,000	\$87,000
	72nd Avenue	Perry Street to Byron Road	Zeeland	1.00	\$28,000	\$1,000	\$29,000
	72nd Avenue	Ottogan Street to Adams St	Zeeland	1.00	\$28,000	\$1,000	\$29,000
	72nd Avenue	Felch Street to Chicago Drive	Zeeland	1.00	\$28,000	\$1,000	\$29,000
	74th Avenue	Ottogan Street to Adams St	Zeeland	1.00	\$28,000	\$1,000	\$29,000
	74th/Perry/76th Ave	Adams Street to Byron Road	Zeeland	2.25	\$63,000	\$2,250	\$65,250
	76th Avenue	Perry Street south	Zeeland	0.30	\$8,400	\$300	\$8,700
	80th Avenue	Chicago Drive to Ransom St	Zeeland	1.50	\$42,000	\$1,500	\$43,500
	80th Avenue	Ottogan Street to N of Adams St	Zeeland	1.50	\$42,000	\$1,500	\$43,500
	84th Avenue	Ottogan Street to Adams St	Zeeland	1.00	\$28,000	\$1,000	\$29,000
	Perry Street	74th Avenue to 48th Avenue	Zeeland	3.25	\$91,000	\$3,250	\$94,250
	Quincy Street	72nd Avenue to 64th Avenue	Zeeland	1.00	\$28,000	\$1,000	\$29,000
Quincy Street	56th Avenue to 48th Avenue	Zeeland	1.00	\$28,000	\$1,000	\$29,000	
Ransom Street	80th Avenue to 64th Avenue	Zeeland	2.00	\$56,000	\$2,000	\$58,000	
Riley Street	72nd Avenue to 64th Avenue	Zeeland	1.00	\$28,000	\$1,000	\$29,000	
Woodbridge Street	96th Avenue east	Zeeland	0.50	\$14,000	\$500	\$14,500	
			Total	64.90	\$1,817,200	\$64,900	\$1,882,100

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.

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MAINTENANCE

2020-2024 Proposed Seal Coat Surfacing - Preventative Maintenance

Project Key	Michigan Transportation Funds Township Funds
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Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC	
152nd Avenue	South of Lincoln St	Grand Haven	0.25	\$7,250	\$250	\$7,500	
152nd Avenue	Mercury Drive to Robbins Rd	Grand Haven	0.70	\$20,300	\$700	\$21,000	
168th Avenue	South of Buchanan to Ferris	Grand Haven	2.00	\$58,000	\$2,000	\$60,000	
Buchanan Street	Lakeshore Drive to US-31	Grand Haven	1.42	\$41,180	\$1,420	\$42,600	
Fillmore Street	Hiawatha Dr to US-31	Grand Haven	2.25	\$65,250	\$2,250	\$67,500	
Groesbeck Street	160th Ave to Mercury	Grand Haven	1.30	\$37,700	\$1,300	\$39,000	
Hiawatha Drive	Lakeshore Dr to Fillmore St	Grand Haven	1.00	\$29,000	\$1,000	\$30,000	
Johnson Street	168th Avenue east	Grand Haven	0.45	\$13,050	\$450	\$13,500	
Pierce Street	Lakeshore Drive to 168th Ave	Grand Haven	0.75	\$21,750	\$750	\$22,500	
Robbins Road	Mercury Drive to 152nd Avenue	Grand Haven	0.80	\$23,200	\$800	\$24,000	
Winans Street	168th Avenue to 152nd Avenue	Grand Haven	2.10	\$60,900	\$2,100	\$63,000	
104th Avenue	Ottogan to Adams Street	Holland	1.00	\$29,000	\$1,000	\$30,000	
104th Avenue	Quincy Street to New Holland St	Holland	1.00	\$29,000	\$1,000	\$30,000	
112th Avenue	Ottogan Street to Mason Street	Holland	0.50	\$14,500	\$500	\$15,000	
112th Avenue	Quincy Street to New Holland Street	Holland	1.00	\$29,000	\$1,000	\$30,000	
128th Avenue	South of Ransom to New Holland	Holland	0.95	\$27,550	\$950	\$28,500	
132nd Avenue	James Street to Riley Street	Holland	1.00	\$29,000	\$1,000	\$30,000	
142nd Avenue	Riley Street to Quincy Street	Holland	1.00	\$29,000	\$1,000	\$30,000	
Felch Street	Butternut Drive to 136th Avenue	Holland	0.50	\$14,500	\$500	\$15,000	
Mason Street	112th Avenue to 104th Avenue	Holland	1.00	\$29,000	\$1,000	\$30,000	
Ottogan Street	City Limits to 96th Avenue	Holland	2.30	\$66,700	\$2,300	\$69,000	
Ransom Street	120th Avenue to 112th Avenue	Holland	1.00	\$29,000	\$1,000	\$30,000	
152nd Avenue	New Holland St to Baldwin St	Port Sheldon	3.50	\$101,500	\$3,500	\$105,000	
160th Avenue	Van Buren St to Blair St	Port Sheldon	1.50	\$43,500	\$1,500	\$45,000	
164th Avenue	New Holland St to Van Buren	Port Sheldon	1.00	\$29,000	\$1,000	\$30,000	
Baldwin Street	West of 152nd Ave to 144th Ave	Port Sheldon	1.50	\$43,500	\$1,500	\$45,000	
Blair Street	Wildwood Dr to 144th Avenue	Port Sheldon	2.90	\$84,100	\$2,900	\$87,000	
Croswell Street	Olive Shore Ave to Lakeshore	Port Sheldon	0.30	\$8,700	\$300	\$9,000	
Olive Shore/Margaret	Lakeshore Drive south	Port Sheldon	1.90	\$55,100	\$1,900	\$57,000	
Stanton Street	Lakeshore Drive to 146th Avenue	Port Sheldon	3.30	\$95,700	\$3,300	\$99,000	
Taylor Street	Hiawatha Dr to US-31	Port Sheldon	2.10	\$60,900	\$2,100	\$63,000	
Tyler Street	West of 152nd Ave to 144th Ave	Port Sheldon	1.50	\$43,500	\$1,500	\$45,000	
Wildwood Dr	Lakeshore Dr to Blair Street	Port Sheldon	1.00	\$29,000	\$1,000	\$30,000	
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	
Van Wagoner Street	168th Avenue to West Spring Lk	Spring Lake	0.75	\$21,750	\$750	\$22,500	
Wilson Street	West of 174th Ave to US-31	Spring Lake	1.30	\$37,700	\$1,300	\$39,000	
			Total	52.47	\$1,521,630	\$52,470	\$1,574,100

2022

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.

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DRAINAGE

2020-2024 Proposed Bridge Improvements

Project Key	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
2020	68th Avenue	over Grand River Rehabilitation - Epoxy Deck	Allen/Polkton	\$1,688,000	\$20,000	\$1,603,000	\$105,000
	Miscellaneous	Preventative Maintenance					\$100,000
	Total					\$20,000	\$1,603,000

	Road Name	Project Limits	Township	Estimate	Engineering	Federal Aid	OCRC
2021							
	Miscellaneous	Preventative Maintenance					\$100,000
	Total					\$0	\$0

	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
	*Byron Road	over Black River Rehabilitation	Zeeland	\$1,526,000	\$50,000	\$1,373,000	\$203,000
	Miscellaneous	Preventative Maintenance					\$100,000
Total					\$150,000	\$3,463,000	\$637,000

*If selected for funding through the MDOT Local Bridge Program, the Road Commission may explore earlier construction options with MDOT.

	Road Name	Project Limits	Township	Estimate	Engineering	Federal Aid	OCRC
2023	32nd Avenue	over Rio Grande Creek Replacement	Chester	\$1,250,000	\$50,000	\$1,125,000	\$175,000
	Miscellaneous	Preventative Maintenance					\$100,000
	Total					\$50,000	\$1,125,000

	Road Name	Project Limits	Township	Estimate	Engineering	Federal Aid	OCRC
2024	South Shore Drive	Montello Park Drain Replacement	Park	\$1,000,000	\$25,000	\$750,000	\$275,000
	Miscellaneous	Preventative Maintenance					\$100,000
	Total					\$25,000	\$750,000

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.

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DRAINAGE

2020-2024 Proposed Culvert Replacements

Project Key	Michigan Transportation Funds
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	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2020	144th Avenue	1/4 mile south of Winans Replace with 48" Alm. CMP	Robinson	Gravel	\$25,000	\$5,000	\$30,000
	148th Avenue	North of Quincy Street Replace with 66"x51" Alm. CMP	Park	Paved	\$50,000	\$5,000	\$55,000
	48th Avenue	1300' north of Fillmore Street Replace with 95"x67" Alm. CMP	Georgetown	Paved	\$85,000	\$8,500	\$93,500
	68th Avenue	at Pingree Replace with 10' x 6' Concrete Box	Allendale	Paved	\$130,000	\$10,000	\$140,000
	56th Avenue	at Wilson Street Replace with 66" Alm. CMP	Polkton	Paved	\$60,000	\$5,000	\$65,000
	24th Avenue	900' north of Sehler Street Replace with 66" Alm. CMP	Chester	Paved	\$60,000	\$5,000	\$65,000
	Miscellaneous						\$150,000
Total					\$410,000	\$38,500	\$598,500

	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2021	32nd Avenue	1/4 mile north of Harding Street Replace with 49"x33" Alm. CMP	Chester	Paved	\$30,000	\$5,000	\$35,000
	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 Ave/Perry St	Intersection 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						\$150,000
Total					\$445,000	\$36,500	\$631,500

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.

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DRAINAGE

2020-2024 Proposed Culvert Replacements

Project Key	Michigan Transportation Funds
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	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2022	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						\$200,000
Total					\$373,000	\$35,000	\$608,000

	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2023	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						\$150,000
Total					\$405,000	\$33,500	\$588,500

	Road Name	Project Limits	Township	Surface	Estimate	Engineering	OCRC
2024	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
	92nd Avenue	200' north of Quincy Street Replace with 71"x47" Conc. Elip.	Zeeland	Gravel	\$40,000	\$5,000	\$45,000
	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						\$300,000
Total					\$280,000	\$27,000	\$607,000

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