

Appendix D

Transportation Plans

OTTAWA COUNTY ROAD COMMISSION
2014 – 2019 Strategic Improvement Plan

The following pages contain selected excerpts from the Ottawa County Road Commission's (OCRC) 2014 – 2019 Strategic Improvement Plan. The complete plan can be viewed on the OCRC website at www.ottawacorc.com.

Items in the following table that are highlighted in yellow pertain to those road improvement projects that are located within Holland Charter Township.

2014-2019 Proposed Primary Road Improvements

Project Key	Allocated Funding Anticipated Federal Funds - MACC Anticipated Federal Funds - GVMC Anticipated Federal Funds - WESTPLAN Anticipated Federal Funds - Rural Task Force 100% OCRC Funds
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	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2014	Bauer Road	24th Avenue to Cottonwood Resurface 24' + 3' Shoulder	1.50	\$675,000	\$33,750	\$369,600	\$339,150
	Lincoln Street	152nd Avenue to 144th Avenue Resurface 24' + 3' Shoulder	1.00	\$450,000	\$22,500	\$289,815	\$182,685
	Cleveland Street	96th Avenue to 68th Avenue Resurface 24'	3.60	\$1,080,000	\$54,000	\$675,000	\$459,000
	96th Avenue	County Line to Adams Street Resurface 24' +3' Shoulder	1.00	\$450,000	\$22,500 (AC 2015)	\$175,000 (-\$93,990)	\$297,500
	Ottawa Beach Road	160th Avenue to 144th Avenue Resurface 44'	2.10	\$950,000	\$47,500 (AC 2017)	\$0 (-\$750,000)	\$997,500
	Ottawa Beach Road	144th Avenue Intersection Left Turn Lanes	0.10	\$300,000	\$20,000	\$275,000	\$45,000
	*68th Avenue	Fillmore Street to M-45 Resurface 30'	2.00	\$750,000	\$37,500	\$482,131	\$305,369
	Cape Seal Program	Various Roads					\$600,000
	ROW & Other						\$300,000
Total			11.30	\$4,655,000	\$237,750	\$1,422,556	\$3,526,204

* Under consideration for Funding

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2015	Port Sheldon Street	40th Avenue to Chicago Drive Resurface 55'	2.52	\$1,200,000	\$60,000	\$876,000	\$384,000
	Fruitport Road	M-104 to Kelly Street Resurface 28'	1.54	\$675,000	\$33,750	\$400,000	\$308,750
	Fruitport Road	Kelly Street to County Line Resurface 28'	1.84	\$810,000	\$40,500 (AC 2016)	\$0 (-\$300,000)	\$850,500
	Lakeshore Drive	New Holland Street to Butternut Resurface 24' + 3' Shoulder	3.30	\$1,575,000	\$78,750	\$900,000	\$753,750
	Byron Road	24th Avenue to Kenowa Avenue Resurface 24' +3' Shoulder	3.00	\$1,200,000	\$60,000	\$0	\$1,260,000
	*68th Avenue	M-45 to the Grand River Bridge Resurface 30'	2.85	\$840,000	\$42,000	\$600,000	\$282,000
	96th Avenue	AC Conversion 2014				(\$93,990)	(\$93,990)
	ROW & Other						\$300,000
Total			15.05	\$6,300,000	\$315,000	\$2,382,010	\$4,045,010

* Applied for MDOT Category F Funding

2014-2019 Proposed Primary Road Improvements

Project Key	Allocated Funding
	Anticipated Federal Funds - MACC
	Anticipated Federal Funds - GVMC
	Anticipated Federal Funds - WESTPLAN
	Anticipated Federal Funds - Rural Task Force
	100% OCRC Funds

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2016	Port Sheldon Street	US-31 to 120th Avenue Resurface 30'	2.10	\$765,000	\$38,250	\$550,000	\$253,250
	136th Avenue	Riley Street to Quincy Street Reconstruct to 3 Lanes	1.00	\$1,500,000	\$75,000 (AC 2017)	\$912,000 (\$81,000)	\$663,000
	48th Avenue	Pierce Street to M-45 Reconstruct to 4 Lane Blvd.	1.00	\$2,500,000	\$125,000	\$1,875,000	\$750,000
	Fruitport Road	AC Conversion 2015				(\$300,000)	(\$300,000)
	Adams Street	24th Avenue to Kenowa Resurface 24' + 3' Shoulder	3.00	\$1,100,000	\$55,000	\$750,000	\$405,000
	Ottawa Beach Road	State Park to 160th Avenue Resurface 30'	2.30	\$966,000	\$48,300	\$0	\$1,014,300
	Cape Seal Program	Various Roads					\$400,000
	ROW & Other						\$300,000
	Total		9.40	\$6,831,000	\$341,550	\$3,706,000	\$3,485,550

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2017	Ottawa Beach Road	AC Conversion 2014				(\$750,000)	(\$750,000)
	28th Avenue	Baldwin Street to Bauer Road Resurface 36'	1.00	\$400,000	\$20,000	\$273,440	\$146,560
	174th Avenue	Van Wagoner to Wilson Street Resurface 30'	1.53	\$650,000	\$32,500	\$450,000	\$232,500
	112th Avenue	Cleveland Street to Wilson St. Resurface 30'	3.00	\$1,100,000	\$55,000	\$775,000	\$380,000
	Port Sheldon Street	72nd Avenue to 40th Avenue Resurface 30'	4.00	\$1,440,000	\$72,000	\$0	\$1,512,000
	Leonard Road	148th Avenue to 130th Avenue Resurface 24' + 3' Shoulder	2.10	\$850,000	\$42,500	\$0	\$892,500
	Leonard Road	Linden Drive to 24th Avenue Resurface 24' + 3' Shoulder	1.50	\$700,000	\$35,000	\$0	\$735,000
	136th Avenue	AC Conversion 2016				(\$81,000)	(\$81,000)
	Cape Seal Program	Various Roads					\$400,000
ROW & Other						\$300,000	
	Total		13.13	\$5,140,000	\$257,000	\$667,440	\$3,767,560

2014-2019 Proposed Primary Road Improvements

Project Key	Allocated Funding
	Anticipated Federal Funds - MACC
	Anticipated Federal Funds - GVMC
	Anticipated Federal Funds - WESTPLAN
	Anticipated Federal Funds - Rural Task Force
	100% OCRC Funds

	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2018	Douglas Avenue	144th Avenue to River Avenue Resurface 44'	1.35	\$625,000	\$31,250	\$500,000	\$156,250
	*Cottonwood Drive	Baldwin Street to Bauer Road Reconstruct to 5 Lanes	1.44	\$2,000,000	\$100,000	\$1,500,000	\$600,000
	Robbins Road	Pine Street to Mercury Drive Resurface 30'	0.75	\$325,000	\$16,250	\$250,000	\$91,250
	Osborn/Bass/Warner	104th Avenue to 68th Avenue Resurface 30'	4.83	\$1,575,000	\$78,750	\$700,000	\$953,750
	Lincoln Street	144th Avenue to 120th Avenue Resurface 24' + 3' Shoulder	3.07	\$1,200,000	\$60,000	\$0	\$1,260,000
	ROW & Other						\$800,000
	Total		11.44	\$5,725,000	\$286,250	\$2,950,000	\$3,861,250

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	Primary Road	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2019	Beeline Road	Lakewood Blvd. to Riley Street Resurface 30'	1.51	\$650,000	\$32,500	\$500,000	\$182,500
	32nd Avenue	Byron Road to Quincy Street Resurface + Various Left Turn	2.00	\$950,000	\$47,500	\$600,000	\$397,500
	Comstock Street	168th Avenue to Mercury Drive Resurface 30'	1.94	\$698,400	\$34,920	\$500,000	\$233,320
	120th Avenue	Port Sheldon St to New Holland Resurface 24'	2.00	\$700,000	\$35,000	\$400,000	\$335,000
	Cleveland Street	68th Avenue to 48th Avenue Resurface 24'	2.52	\$756,000	\$37,800	\$400,000	\$393,800
	Leonard Road	68th Avenue to Linden Drive Resurface 24' + 3' Shoulder	3.87	\$1,600,000	\$80,000	\$0	\$1,680,000
	ROW & Other						\$300,000
	Total		13.84	\$5,354,400	\$267,720	\$2,400,000	\$3,522,120

2014-2019 Proposed Local Paved Road Improvements

Project Key	100% OCRC Funds
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	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2014	Quincy Street	40th Avenue to 24th Avenue Widen and Resurface 24'	Jamestown	2.00	\$600,000	\$30,000	\$630,000
	Total			2.00	\$600,000	\$30,000	\$630,000

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2015	Ironwood Drive	48th Avenue to 40th Avenue Resurface Existing	Wright	1.07	\$250,000	\$12,500	\$262,500
	48th Avenue	M-45 North Resurface Existing	Allendale	0.75	\$200,000	\$10,000	\$210,000
	Total			1.82	\$450,000	\$22,500	\$472,500

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2016	New Holland Street	144th Avenue to 120th Avenue Widen and Resurface 24'	Olive	3.00	\$900,000	\$45,000	\$945,000
	Total			3.00	\$900,000	\$45,000	\$945,000

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2017	168th Avenue	OBR to Lakewood Boulevard Resurface Existing	Park	1.63	\$400,000	\$20,000	\$420,000
	Total			1.63	\$400,000	\$20,000	\$420,000

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2018	88th Avenue	Adams Street to BL-196 Resurface Existing	Zeeland	1.68	\$410,000	\$20,500	\$430,500
	Total			1.68	\$410,000	\$20,500	\$430,500

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2019	148th Avenue	M-104 to Fruitport Road Resurface Existing	Spring Lake	2.98	\$745,000	\$37,250	\$782,250
	Total			2.98	\$745,000	\$37,250	\$782,250

2014-2019 Proposed Preventative Maintenance - Seal Coat Program

Project Key	100% OCRC Funds
	Township Funds

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2014	Pierce Street	78th Avenue to 60th Avenue	Allendale	2.31	\$80,850	\$2,310	\$83,160
	Pingree Street	68th Avenue west	Allendale	0.75	\$26,250	\$750	\$27,000
	78th Avenue	M-45 to Buchanan	Allendale	1.01	\$35,350	\$1,010	\$36,360
	84th Avenue	M-45 to Buchanan	Allendale	1.01	\$35,350	\$1,010	\$36,360
	Polk Street	120th Avenue to 96th Avenue	Olive	3.02	\$105,700	\$3,020	\$108,720
	Stanton Street	120th Avenue to 96th Avenue	Olive	3.00	\$105,000	\$3,000	\$108,000
	New Holland Street	120th Avenue to 96th Avenue	Olive	3.00	\$105,000	\$3,000	\$108,000
Total				14.10	\$493,500	\$14,100	\$507,600

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2015	Fillmore Street	Hiawatha Drive to US-31	Grand Haven	2.22	\$83,250	\$2,220	\$85,470
	168th Avenue	Buchanan Street to Lincoln St.	Grand Haven	1.01	\$37,875	\$1,010	\$38,885
	Winans Street	168th Avenue to 152nd Avenue	Grand Haven	2.15	\$80,625	\$2,150	\$82,775
	Wilson Street	180th Avenue to US-31	Spring Lake	1.29	\$48,375	\$1,290	\$49,665
	Kelly Street	Fruitport Road to 144th Avenue	Spring Lake	1.00	\$37,500	\$1,000	\$38,500
	Hickory Street	Fruitport Road to 144th Avenue	Spring Lake	1.23	\$46,125	\$1,230	\$47,355
	144th Avenue	Boom Road to Leonard Street	Crockery	1.08	\$40,500	\$1,080	\$41,580
	130th Avenue	M-104 to State Road	Crockery	1.02	\$38,250	\$1,020	\$39,270
	120th Avenue	Lincoln St. to North Cedar	Robinson	2.33	\$81,550	\$2,330	\$83,880
	128th Avenue	M-45 to Green Street	Robinson	4.05	\$141,750	\$4,050	\$145,800
	88th Avenue	Leonard Street to State Road	Polkton	3.96	\$148,500	\$3,960	\$152,460
Total				21.34	\$784,300	\$21,340	\$805,640

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2016	Coolidge Street	16th Avenue to Kenowa Avenue	Chester	2.22	\$88,800	\$2,220	\$91,020
	Hoover Street	Squires Road to Kenowa Avenue	Chester	6.00	\$240,000	\$6,000	\$246,000
	Roosevelt Street	8th Avenue to Kenowa Avenue	Wright	1.00	\$40,000	\$1,000	\$41,000
	40th Avenue	Arthur Street to Cleveland Street	Wright	1.00	\$40,000	\$1,000	\$41,000
	Dickinson Street	8th Avenue to Kenowa Avenue	Wright	1.00	\$40,000	\$1,000	\$41,000
	Roosevelt Street	40th Avenue to 24th Avenue	Wright	2.01	\$80,400	\$2,010	\$82,410
	32nd Avenue	Byron Road to County Line	Jamestown	3.02	\$120,800	\$3,020	\$123,820
	8th Avenue	Ottogan Street to Perry Street	Jamestown	2.00	\$80,000	\$2,000	\$82,000
	2nd Avenue	Finnessey Street to M-45	Tallmadge	1.18	\$47,200	\$1,180	\$48,380
	Johnson Street	48th Avenue to 24th Avenue	Tallmadge	3.00	\$120,000	\$3,000	\$123,000
	Total				22.43	\$897,200	\$22,430

2014-2019 Proposed Preventative Maintenance - Seal Coat Program

Project Key	100% OCRC Funds Township Funds
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	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2017	Quincy Street	96th Avenue to 72nd Avenue	Zeeland	3.05	\$128,100	\$3,050	\$131,150
	56th Avenue	Riley Street to Chicago Drive	Zeeland	1.10	\$46,200	\$1,100	\$47,300
	Mason Street	112th Avenue to 104th Avenue	Holland	0.99	\$41,580	\$990	\$42,570
	112th Avenue	Mason Street to Ottogan Street	Holland	0.50	\$21,000	\$500	\$21,500
	160th Avenue	Lakewood Blvd to New Holland	Park	3.62	\$152,040	\$3,620	\$155,660
	168th Avenue	Riley Street to New Holland St	Park	2.03	\$85,260	\$2,030	\$87,290
	Barry Street	Sand Drive to 144th Avenue	Port Sheldon	1.55	\$65,100	\$1,550	\$66,650
	Sand Drive	New Holland St to Van Buren St	Port Sheldon	1.22	\$51,240	\$1,220	\$52,460
	Stanton Street	Lakeshore Dr. to 146th Avenue	Port Sheldon	3.83	\$160,860	\$3,830	\$164,690
	Baldwin Street	1/2 mile W of 152nd to 144th	Port Sheldon	1.51	\$63,420	\$1,510	\$64,930
	Total		19.40	\$814,800	\$19,400	\$834,200	

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2018	Tyler Street	US-31 to 112th Avenue	Olive	3.75	\$157,500	\$3,750	\$161,250
	Blair Street	104th Avenue to 96th Avenue	Olive	1.00	\$42,000	\$1,000	\$43,000
	Van Buren Street	Butternut Drive to US-31	PS/Olive	3.80	\$159,600	\$3,800	\$163,400
	Tyler Street	56th Avenue to 48th Avenue	Blendon	1.00	\$42,000	\$1,000	\$43,000
	New Holland Street	96th Avenue to 88th Avenue	Blendon	1.00	\$42,000	\$1,000	\$43,000
	Ransom Street	88th Avenue to 80th Avenue	Zeeland	1.00	\$42,000	\$1,000	\$43,000
	Angling Road	Quincy Street to New Holland	Jamestown	1.61	\$67,620	\$1,610	\$69,230
	Riley Street	8th Avenue to Kenowa	Jamestown	1.00	\$42,000	\$1,000	\$43,000
	McClelland Street	16th Avenue to 8th Avenue	Georgetown	1.10	\$46,200	\$1,100	\$47,300
	16th Avenue	Barry Street to Van Buren Street	Georgetown	0.32	\$13,440	\$320	\$13,760
	Barry Street	City Limits to 16th Avenue	Georgetown	1.33	\$55,860	\$1,330	\$57,190
	Barry Street	West end to City Limits	Georgetown	0.50	\$21,000	\$500	\$21,500
	Barry Street	8th Avenue to Kenowa	Georgetown	1.00	\$42,000	\$1,000	\$43,000
		Total		18.41	\$773,220	\$18,410	\$791,630

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2019	60th Avenue	Alger Street to M-45	Allendale	1.76	\$73,920	\$1,760	\$75,680
	Alger Street	64th Avenue to 56th Avenue	Allendale	1.01	\$42,420	\$1,010	\$43,430
	76th Avenue	Fillmore Street to Pierce Street	Allendale	1.01	\$42,420	\$1,010	\$43,430
	92nd Avenue	Fillmore Street to N of Pierce	Allendale	1.26	\$52,920	\$1,260	\$54,180
	Garfield Street	96th Avenue to 68th Avenue	Polkton	3.54	\$148,680	\$3,540	\$152,220
	76th Avenue	Hayes Street to Garfield Street	Polkton	1.00	\$42,000	\$1,000	\$43,000
	112th Avenue	Buchanan St to Lincoln Street	Robinson	1.00	\$42,000	\$1,000	\$43,000
	Harding Street	40th Avenue to Kenowa Ave	Chester	5.01	\$210,420	\$5,010	\$215,430
	Total		15.59	\$654,780	\$15,590	\$670,370	

2014-2019 Proposed Preventative Maintenance - Cape Seal Program

Project Key	100% OCRC Funds Primary Road Program
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	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2014	Linden/Luce Street	M-45 to Kenowa Cape Seal Surface 24'	Tallmadge	5.48	\$355,000	\$5,480	\$360,480
	Quincy Street	144th Avenue to 136th Avenue Cape Seal Surface 20'	Holland	1.02	\$70,000	\$1,020	\$71,020
	112th Avenue	Lakewood Blvd to New Holland Cape Seal Surface 24'	Holland	3.54	\$235,000	\$3,540	\$238,540
	64th Avenue	Byron Road to Chicago Drive Cape Seal Surface 30'	Zeeland	1.89	\$155,000	\$1,890	\$156,890
	Fillmore Street	US-31 to 120th Avenue Cape Seal Surface 24'	GH/Robinson	4.07	\$270,000	\$4,070	\$274,070
		Primary Road Program					(\$600,000)
	Total			16.00	\$1,085,000	\$16,000	\$501,000

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2015	Fillmore Street	120th Avenue to 72nd Avenue Cape Seal Surface 24'	Rob/Allen	6.00	\$420,000	\$6,000	\$426,000
	Port Sheldon Street	Butternut to US-31 Cape Seal Surface 24'	Port Sheldon	3.76	\$245,000	\$3,760	\$248,760
Total			9.76	\$665,000	\$9,760	\$674,760	

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2016	24th/22nd Avenue	Riley Street to Van Buren Street Cape Seal Surface 24'	Geo/James	3.36	\$235,000	\$3,360	\$238,360
	Green/N. Cedar	Mercury Drive to 104th Avenue Cape Seal Surface 24'	Robinson	5.47	\$355,000	\$5,470	\$360,470
	48th Avenue	Riley Street to Chicago Drive Cape Seal Surface 24'	Zee/James	1.91	\$135,000	\$1,910	\$136,910
		Primary Road Program					(\$400,000)
Total			10.74	\$725,000	\$10,740	\$335,740	

	Road Name	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2017	Truman Street	Squires Road to Kenowa Cape Seal Surface 24'	Chester	6.00	\$420,000	\$6,000	\$426,000
	State Road	Fruitport Road to Apple Drive Cape Seal Surface 24'	SL/Crockery	4.06	\$285,000	\$4,060	\$289,060
	32nd Avenue	Sehler Street to Harrisburg Road Cape Seal Surface 24'	Chester	4.08	\$285,000	\$4,080	\$289,080
	Harrisburg Road	32nd Avenue to Truman Street Cape Seal Surface 24'	Chester	0.51	\$35,000	\$510	\$35,510
		Primary Road Program					(\$400,000)
Total			14.65	\$1,025,000	\$14,650	\$639,650	

2014-2019 Proposed Bridge Improvements

Project Key	Allocated Funding
	Anticipated Local Bridge Funds
	100% OCRC Funds

	Bridge	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2014	Luce Street	Over Sand Creek Reconstruction (Replacement)	0.10	\$1,657,000	\$125,000	\$1,574,150	\$207,850
	Various Bridges	Preventative Maintenance	0.10	\$100,000	\$5,000	\$0	\$105,000
Total			0.10	\$1,757,000	\$130,000	\$1,574,150	\$312,850

	Bridge	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2015	State Road	Over N Branch of Crockery Creek Reconstruction (Replacement)	0.10	\$990,000	\$60,000	\$940,500	\$109,500
	Quincy Street	Over Black Creek - PM	0.10	\$40,000	\$5,000	\$38,000	\$7,000
Total			0.10	\$990,000	\$60,000	\$940,500	\$116,500

	Bridge	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2016	96th Avenue	Over Black River Tributary Reconstruction (Replacement)	0.10	\$1,723,000	\$120,000	\$1,636,850	\$206,150
	96th Avenue	Over Bass Creek - PM	0.10	\$58,000	\$5,000	\$55,100	\$7,900
	Green Street	Over Sterns Bayou - PM	0.10	\$590,000	\$15,000	\$560,500	\$44,500
Total			0.10	\$2,371,000	\$140,000	\$2,252,450	\$258,550

	Bridge	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2017	32nd Avenue	Over Rio Grande Reconstruction (Replacement)	0.10	\$909,000	\$85,000	\$863,550	\$130,450
	Various Bridges	Preventative Maintenance	0.10	\$100,000	\$5,000	\$0	\$105,000
Total			0.10	\$1,009,000	\$90,000	\$863,550	\$235,450

	Bridge	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2018	Byron Road	Over Macatawa River Rehabilitation	0.10	\$931,000	\$85,000	\$884,450	\$131,550
	Various Bridges	Preventative Maintenance	0.10	\$100,000	\$5,000	\$0	\$105,000
Total			0.10	\$1,031,000	\$90,000	\$884,450	\$236,550

	Bridge	Project Limits	Miles	Estimate	Engineering	STP	OCRC
2019	Various Bridges	Preventative Maintenance	0.10	\$150,000	\$5,000	\$143,000	\$12,000
	Various Bridges	Preventative Maintenance	0.10	\$100,000	\$5,000	\$0	\$105,000
Total			0.20	\$250,000	\$10,000	\$143,000	\$117,000

2014-2019 Proposed Gravel Road Improvements

Project Key	100% OCRC Funds
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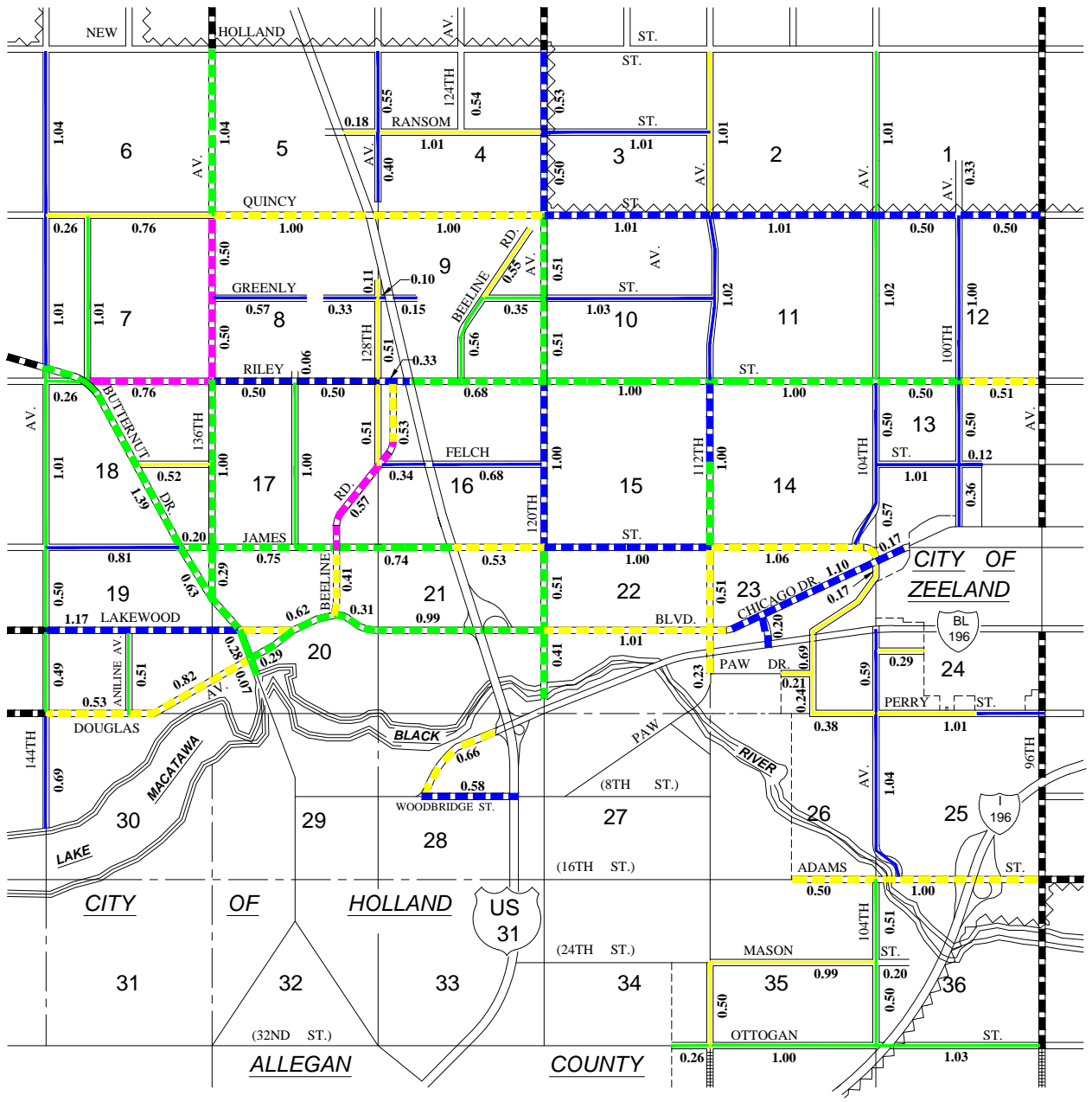
	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2014	Luce Street	Fennessy Drive to Kenowa	Tallmadge	0.90	\$22,500	\$1,125	\$23,625
	Taft Street	30th Avenue to 24th Avenue	Wright	0.75	\$18,750	\$938	\$19,688
	124th Avenue	Ransom Street to New Holland	Holland	0.54	\$13,500	\$675	\$14,175
	88th Avenue	Tyler Street to Baldwin Street	Blendon	0.53	\$13,250	\$663	\$13,913
	128th Avenue	Port Sheldon to Van Buren	Olive	1.00	\$25,000	\$1,250	\$26,250
	168th Avenue	M-45 to Pierce Street	Grand Haven	0.90	\$22,500	\$1,125	\$23,625
	130th Avenue	Taft Street to Hickory Street	Crockery	0.52	\$13,000	\$650	\$13,650
	112th Avenue	M-45 to Fillmore Street	Robinson	2.03	\$50,750	\$2,538	\$53,288
	12th Avenue	Taylor Street North	Georgetown	0.74	\$18,500	\$925	\$19,425
	Greenly Street	48th Avenue to 32nd Avenue	Jamestown	1.90	\$47,500	\$2,375	\$49,875
	68th Avenue	Riley Street South	Zeeland	0.49	\$12,250	\$613	\$12,863
Total				10.30	\$257,500	\$12,875	\$270,375

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2015	74th Avenue	M-45 to Buchanan Street	Allendale	0.92	\$23,000	\$1,150	\$24,150
	Hayes Street	68th Avenue to 60th Avenue	Polkton	1.02	\$25,500	\$1,275	\$26,775
	Riley Street	Lakeshore Drive West	Park	0.16	\$4,000	\$200	\$4,200
	Stanton Street	Lakeshore Drive West	Port Sheldon	0.25	\$6,250	\$313	\$6,563
	Various Streets	To Be Determined					\$100,000
	Total				2.35	\$58,750	\$2,938

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2017							
	Various Streets	To Be Determined					\$200,000
	Total				0.00	\$0	\$0

	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2018							
	Various Streets	To Be Determined					\$100,000
	Total				0.00	\$0	\$0

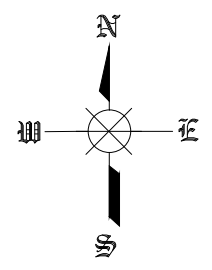
	Local Road	Project Limits	Township	Miles	Estimate	Engineering	OCRC
2019							
	Various Streets	To Be Determined					\$100,000
	Total				0.00	\$0	\$0



LEGEND

- COUNTY LINE
- CORPORATE LIMITS
- STATE TRUNKLINE
- COUNTY PRIMARY
- COUNTY PAVED LOCAL
- COUNTY GRAVEL LOCAL
- ADJACENT COUNTY
- CITY OR VILLAGE STREET
- STREET
- URBAN/URBANIZED AREAS

PRIMARY ROAD SYSTEM IS 38.97 TOTAL MILES
 LOCAL ROAD SYSTEM IS 117.05 TOTAL MILES
 PAVED LOCAL 34.78 MILES
 PAVED SUBDIVISION 80.87 MILES
 GRAVEL/UNIMPROVED 1.40 MILES



HOLLAND TWP.

T. 5. N. R. 15. W.
 COUNTY Ottawa

ROAD PASER RATING MAP

- 8 - 10 VERY GOOD
- 6 - 7 GOOD
- 4 - 5 FAIR
- 0 - 3 POOR

MACATAWA AREA COORDINATING COUNCIL
2035 Long Range Transportation Plan

The following pages contain selected excerpts from the Macatawa Area Coordinating Councils 2035 Long Range Transportation Plan. The complete plan can be viewed on the OCRC website at www.the-macc.org.

Items in the following table that are highlighted in yellow pertain to those road improvement projects that are located within Holland Charter Township.

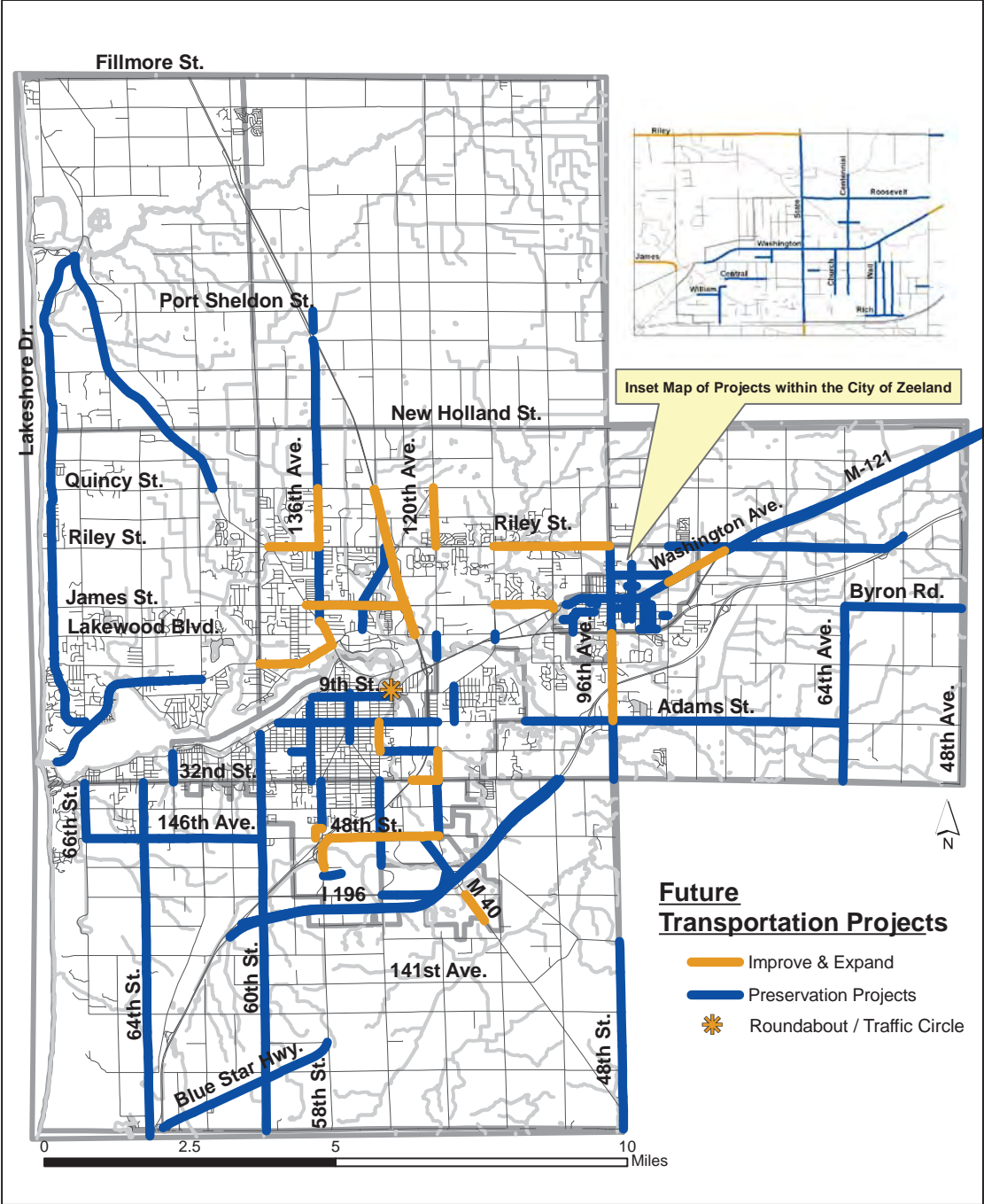
**MACC 2035 LONG RANGE TRANSPORTATION PLAN UPDATE
ROADWAY PROJECT LIST**

Improve and Expand Projects

NAME	LIMITS	WORK	Year Open to Traffic	Distance (miles)	APPROXIMATE TOTAL COST (000'S)	AGENCY
Riley Street	112 th – 100 th Avenue	Reconstruct and widen from 2 to 3 lanes, Intersection improvements	2011	1.5	2,450	OCRC
Matt Urban Drive	City Limits to S. Washington	Reconstruct and widen from 2 to 3 lanes	2011	0.7	1,470	HC
48 th Street	E. City Limits to M-40	Reconstruct and widen from 2 to 3 lanes	2011	1.05	2,335	HC
48 th Street	Regent to Lincoln (M-40)	Reconstruct and widen from 2 to 3 lanes	2011	1.42	1,275	HC
Lincoln Avenue	16 th Street to 24 th Street	Widen from 2 to 3 lanes	2012	0.5	2,400	HC
8 th Street	Fairbanks	Roundabout/Traffic Circle	2013	0.1	1,000	HC
Frontage Road along M-40	Interchange Drive to 1,250 ft. South - along M-40	Construct 2 lane section	2014	0.24	770	HC
136 th Avenue	Riley Street to Quincy Street	Reconstruct and widen from 2 to 5 lanes, Intersection improvements	2015	1.0	2,542	OCRC
Riley Street	100 th – 96 th Avenue	Reconstruct and widen from 2 to 3 lanes, Intersection improvements	2018	0.5	200	OCRC
Riley Street	Butternut Drive to 136 th Avenue	Reconstruct and widen from 2 to 3 lanes, Intersection improvements	2018	0.8	1,808	OCRC
96 th Avenue	Adams Street to Gordon Street	Reconstruct and widen from 2 to 5 lanes, Intersection improvements	2018	1.5	3,390	OCRC
32 nd Street	US 31 to Waverly Road	Reconstruct and widen from 4 to 5 lanes	2018	0.4	1,017	HC
US 31	Lakewood Blvd. – Quincy St.	Reconstruct and widen from 4 to 6 lanes with boulevard. Intersection improvements.	2018	2.5	26,000	MDOT
120 th Avenue	Riley Street to Quincy Street	Reconstruct and widen from 2 to 5 lanes, Intersection improvements	2025	1.0	2,750	OCRC
Douglas Avenue	River Avenue to 144 th Avenue	Reconstruct and widen from 4 to 5 lanes	2025	1.3	3,300	OCRC
James Street	Beeline Road to US 31	Reconstruct and widen from 3 to 5 lanes, Intersection improvements	2025	0.6	1,320	OCRC
James Street	112 th Avenue to Chicago	Reconstruct and widen from 2 to 5 lanes,	2025	1.1	3,025	OCRC

	Drive	Intersection improvements				
River Avenue	CSX Crossing to 136 th Avenue	Reconstruct and widen from 5 to 7 lanes Intersection improvements	2025	0.4	1,430	OCRC
Washington Avenue	Fairview Road to New M-121 (Chicago Dr.)	Reconstruct and widen to 3 lanes, Intersection improvements	2025	1.0	2,200	ZC
Waverly Road	24 th Street to 32nd Street	Reconstruct and widen from 4 to 5 lanes	2025	0.4	1,100	HC
James Street	Butternut Drive to Beeline Road	Reconstruct and widen from 3 to 5lanes	2035	1.0	3,500	OCRC
TOTAL COST		IMPROVE & EXPAND PROJECTS:			\$ 65,282	Current
					\$ 83,437	Future Yr

Please note, this list of projects developed for the 2035 Long Range Transportation Plan Update is not considered to be all-inclusive, as the Technical Committee has acknowledged that the list may not include all supplemental projects to be completed by the year 2035.



Fillmore St.

Port Sheldon St.

New Holland St.

Inset Map of Projects within the City of Zeeland

Lakeshore Dr.

Quincy St.

136th Ave.

120th Ave.

Riley St.

Washington Ave.

M-121

Riley St.

James St.

Lakewood Blvd.

96th Ave.

Byron Rd.

9th St.

Adams St.



Future Transportation Projects

- Improve & Expand
- Preservation Projects
- * Roundabout / Traffic Circle

0 2.5 5 10 Miles

MICHIGAN DEPARTMENT OF TRANSPORTATION
2011-2015 FIVE-YEAR TRANSPORTATION PROGRAM
GRAND REGION

The following pages contain selected excerpts from the Michigan Department of Transportation's Five-year Transportation Program for the Grand Region. The complete plan can be viewed on the OCRC website at www.michigan.gov/mdot.

Items in the following table that are highlighted in **yellow** pertain to those road improvement projects that are located within Holland Charter Township.

GRAND REGION

The Grand Region serves eight counties in west Michigan: Ionia, Kent, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, and Ottawa. Located within the Grand Region are the metropolitan areas of Grand Rapids, Holland, and Muskegon, which make up one of the largest economies in the upper Midwest. Major economic sectors in the Grand Region include manufacturing, retail, health care, agriculture, and tourism. Major state trunklines include I-96, I-196, US-31, US-131, and the M-6 freeway.

To find contact information for the Grand Region office or any of the Grand Region TSCs, go to:

http://www.michigan.gov/mdot/0,1607,7-151-9623_10695-25502--,00.html

To find information on a major project in the Grand Region, go to:

http://www.michigan.gov/mdot/0,1607,7-151-9621_11008---,00.html

Capacity Improvements and New Roads Program

M-231 over the Grand River in Ottawa County.

The design and property acquisition of a new segment of road between M-45 and I-96, including a new Grand River crossing is under way. Funding constraints have limited the initial M-231 construction to the building of the new Grand River crossing and adjacent roadway segments in 2011. Design of operational improvements on existing US-31 north of Holland and in Grand Haven is also under way and will continue in 2011. Construction will continue on M-231 and US-31 as funding becomes available.

I-196/I-96 Corridor Improvement in Kent

County. The construction of the segment of I-196 from the Grand River east to Fuller Avenue was completed in 2010. Construction of the I-196/Fuller Avenue interchange will begin in 2011. These segments of the project have been funded primarily through the American Recovery and Reinvestment Act. Design will begin during this Five-Year Program for the rehabilitation of I-196 between Fuller Avenue and I-96. Additional portions of the project will be constructed incrementally as funding becomes available and is expected to be completed by 2030.



2011-2015 ROAD & BRIDGE PROGRAM

REPAIR AND REBUILD - ROADS AND BRIDGES

GRAND REGION

CAPACITY IMPROVEMENT

US-31, HOLLAND TO GRAND HAVEN

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2011	2012	2013	2014	2015
OTTAWA	US-31		LAKEWOOD BLVD NORTH TO QUINCY ST	RECONSTRUCT AND ADD LANE(S) OVER 0.5 M		PE	PE	PE	PE	PE
					0.000					

NEW ROADS

US-31, HOLLAND TO GRAND HAVEN

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2011	2012	2013	2014	2015
OTTAWA	M-231 (US-31 Bypass)		M-45 NORTH TO I-96/M-104	NEW ROUTES		ROW	ROW	ROW	ROW	ROW
OTTAWA	M-231 (120th Avenue)		M-45 TO THE GRAND RIVER	NEW ROUTES	4.625			CON	CON	CON
OTTAWA	M-231 (120th Avenue)		M-45 TO THE GRAND RIVER	NEW ROUTES		PE	PE	PE		
OTTAWA	M-231		OVER THE GRAND RIVER (RIVER SPAN)	NEW STRUCTURE ON NEW ROUTE	0.000	CON	CON	CON	CON	CON
OTTAWA	M-231		OVER THE GRAND RIVER (APPROACH SPANS)	NEW STRUCTURE ON NEW ROUTE	0.000	CON	CON	CON	CON	CON
OTTAWA	M-231 (120th Avenue)		FROM THE GRAND RIVER TO I-96	NEW ROUTES	2.839		CON	CON	CON	CON
OTTAWA	M-231 (120th Avenue)		FROM THE GRAND RIVER TO I-96	NEW ROUTES		PE	PE			
OTTAWA	I-96		OVER ABANDONED GTW RAILROAD	BRIDGE REMOVAL	1.393		CON	CON	CON	
OTTAWA	I-96		OVER ABANDONED GTW RAILROAD	BRIDGE REMOVAL		PE	PE			
OTTAWA	M-231 (120th Avenue)		OVER LEONARD STREET	NEW STRUCTURE ON NEW ROUTE	0.000		CON	CON	CON	
OTTAWA	I-96		OVER M-231 RAMP	NEW STRC-EXTG RTE	0.000		CON	CON	CON	
OTTAWA	I-96		OVER M-231 RAMP	NEW STRC-EXTG RTE		PE	PE			
OTTAWA	I-96		UNDER 112TH AVE	REPLACE BRIDGE, ADD LANES	0.525		CON	CON	CON	
OTTAWA	I-96		UNDER 112TH AVE	REPLACE BRIDGE, ADD LANES		PE	PE			
OTTAWA	M-231 (120th Avenue)		OVER RICH STREET	NEW STRUCTURE ON NEW ROUTE	0.000			CON	CON	
OTTAWA	M-231 (120th Avenue)		OVER BUCHANAN STREET	NEW STRUCTURE ON NEW ROUTE	0.000			CON	CON	
OTTAWA	M-231 (120th Avenue)		OVER SLEEPER STREET	NEW STRUCTURE ON NEW ROUTE	0.000			CON	CON	
OTTAWA	M-231		OVER NORTH CEDAR DRIVE	NEW STRUCTURE ON NEW ROUTE	0.000	CON	CON	CON		
OTTAWA	M-231		OVER LITTLE ROBINSON CREEK	NEW STRUCTURE ON NEW ROUTE	0.000	CON	CON			
OTTAWA	M-231		SLEEPER ST NORTH TO THE GRAND RIVER	NEW ROUTES	1.103	CON	CON			
OTTAWA	M-231		THE GRAND RIVER NORTH TO CYPRESS ST	NEW ROUTES		EPE	EPE	EPE		
					10.485					