

Category	Road	Limits	Miles	Miles	Improvement	KCRC	Federal/State	Local	Project Total	Program
Reconstruction										
Expansion/All-Season										
	76th St.	Clyde Park Ave. to Gordon Industrial	0.4	2.0	Widen to 5 lanes	\$ 550,000			\$ 550,000	
	100th St.	E. of Eastern to Kalamazoo Ave.	0.8	1.6	All-Season	900,000			900,000	
	Preliminary engineering				Future projects	100,000			100,000	
Full Depth Pavement										
	Kraft Ave.	36th St. to 28th St.	1.0	5.0	Resurface	215,000	785,000		1,000,000	STP-U
	5 Mile Rd.	Plainfield Ave. to East Beltline Ave.	0.9	2.7	Resurface	100,000	280,000		380,000	STP-U
	7 Mile Rd.	Fruit Ridge Ave. to Alpine Ave.	4.0	8.0	Resurface	394,696	805,304		1,200,000	STP-R
	6 Mile Rd.	Walker Ave. to Alpine Ave.	2	4	Resurface	129,000	471,000		600,000	STP-U
	6 Mile Rd.	Fruit Ridge Ave. to Walker Ave.	2.0	8.0	Resurface	175,000	500,000		675,000	STP-R
	Byron Center Ave.	92nd St. to 84th St.	1.0	3.0	Resurface	172,000	628,000		800,000	STP-U
	Lamoreaux Dr.*	Alpine Ave. to West River Dr.	1.5	4.5	Resurface	100,000	1,000,000	1,750,000	2,850,000	State Earmark
	76th St.	Sierrafield Dr. to Clyde Park Ave.	0.7	2.1	Resurface	600,000			600,000	
	Cascade Rd.	Forest Hill Ave. to Spaulding Ave.	0.9	4.5	Resurface	1,000,000			1,000,000	
	Lincoln Lake Ave.	N. City Limit to McPherson St.	3.2	6.3	Resurface	800,000			800,000	
	Whitneyville Ave.	66th St. to 48th St.	2.3	4.5	Resurface	600,000			600,000	
	13 Mile Rd.	Peach Ridge Ave. to M-37	1.3	2.5	Resurface	300,000			300,000	
	Various					(50,000)			(50,000)	
Total Reconstruction			21.9	58.7		6,085,696	4,469,304	1,750,000	12,355,000	
Resurfacing										
	Overlays	Various Locations	5.0	11.0	Overlay / partial depth	1,000,000			1,000,000	
Preservation										
	Surface Treatments	Various Locations	72.7	160.0	Sealcoat and micro surface	3,500,000			3,500,000	
	Thin Overlays		10.0	22.0		1,000,000			1,000,000	
Total Preservation			82.7	182.0		4,500,000	-	-	4,500,000	
Safety										
	44th St. and Patterson Ave.	750 Feet north and west	0.3		Dual left turn lanes	120,000	600,000	105,000	825,000	CMAQ
	Crahen Ave. @ Leonard St.				Realignment	400,000			400,000	
	Vergennes St. and Pettis Ave.				Signal upgrade	110,000			110,000	
	36th St. and Cascade Rd.				Signal upgrade	120,000			120,000	
	West River Dr. and Division Ave.				New signal	115,000			115,000	
	68th St. and Hanna Lake Ave.				Signal upgrade	135,000			135,000	
	Wolverine Blvd. and Kroes St./Courtland Dr.				Signal upgrade	155,000			155,000	
	Jupiter Ave. and Rogue River Dr.				Signal upgrade	95,000			95,000	
	Robinson Rd. and Lakeside Dr.				Signal upgrade	36,000			36,000	
	84th St. and Byron Commerce Dr.				New signal	125,000			125,000	
	60th St. and Valley Lane				Signal upgrade	130,000			130,000	
	Preliminary Design				Signal upgrades	-			-	
	Various Locations				Capacity / safety improvement	144,000			144,000	
Total Safety			0.3	-		1,685,000	600,000	105,000	2,390,000	
Bridges										
	Caledonia Bridge #30	100th St over the Thornapple River	0.1		Substructure/Scour	399,321			399,321	
	Byron Bridge #25	76th St. over Buck Creek			Substructure/Widen	167,520	492,480		660,000	
	Algoma Bridge #52	Division St. over Rogue River				246,700	278,300		525,000	
	Cascade Bridge #27	Thornapple River Dr. - 0.35 mi north of 60th St.				120,000			120,000	
	Alpine Bridge #29	7 Mile Rd. - 0.1 mi east of Bristol Ave.				80,000			80,000	
	Byron Culvert #57	100th St. - 0.5 mi west of Clyde Park Ave.			Replace with precast concrete	157,000			157,000	
	Bowne Culvert #13	84th St. - 0.6 mi east of Morse Lake Ave.			Replace existing steel	7,000			7,000	
	Gaines Culvert #32	100th St. - 0.45 mi west of East Paris Ave.				130,000			130,000	
	Preventive Maintenance	Various Locations				21,679			21,679	
Total Bridges			0.1	-		1,329,220	770,780	-	2,100,000	
Total Primary Projects			110.0	251.7		\$ 14,599,916	\$ 5,840,084	\$ 1,855,000	\$ 22,345,000	
*Grant portion is earmarked state funds, shown as additional appropriation										
Non-Motorized										
	Caledonia Trail Phase 1B					\$ 776,000	\$ 776,000	\$ 1,552,000	TAP	
	Paul Henry Thornapple Trail					175,000	180,000	355,000	TAP	
	FM Pioneer Trail Phase 2					357,000	103,000	460,000	HPP	
	FM Flat/Grand River Valley Rail Trail					1,500,000	1,060,000	2,560,000	TAP	
	M-6 Trail Phase 5					100,000	140,000	240,000	HPP	
	FM Pioneer Trail Phase 5					1,190,000	630,000	1,820,000	TAP	
Total Non-Motorized						\$ -	\$ 4,098,000	\$ 2,889,000	\$ 6,987,000	

Note: Projects are subject to change.

Category	Road	Limits	Miles	Lane Miles	Improvement	Source of Funds			Project Total	Program
						KCRC	Federal/State	Local		
Reconstruction										
Expansion/All-Season										
	84th St.	Division Ave. to Eastern Ave.	1.0	3.0	Reconstruct to 3 lanes	\$ 278,697	\$ 1,021,303		\$ 1,300,000	EDF-C
	84th St.	Kalamazoo Ave. to Breton Ave.	1.0	2.0	All-Season	280,000	1,120,000		1,400,000	STP-U
	68th St.	Burlingame Ave. to Clyde Park Ave.	1.0	3.0	Widen to 3 lanes	160,000	640,000		800,000	STP-Flex
	68th St.	Cherry Valley Ave. to Thornapple River Dr.	1.0	2.0	All-Season	1,250,000			1,250,000	
	Alden Nash Ave.	Segwun Ave. to Grand River Dr.	0.5	1.5	Reconstruct/Widen to 3 lanes	178,254	713,014		891,268	STP-Flex
Full Depth Pavement										
	Fruit Ridge Ave.	4 Mile Rd. to 6 Mile Rd.	2.0	4.0	Resurface	900,000			900,000	
	Fruit Ridge Ave.	6 Mile Rd. to 10 Mile Rd.	4.0	8.0	Resurface	378,590	821,410		1,200,000	STP-R
	Knapp St.	E. City Limit to East Beltline Ave.	1.0	5.0	Resurface	173,500	426,500		600,000	STP-U
	Leffingwell Ave.	City limits to Knapp St.	0.5	1.5	Resurface	250,000			250,000	
	Wolverine Blvd.	10 Mile Rd. to 11 Mile Rd.	1.0	4.0		1,000,000			1,000,000	
	Various Locations		1.0	2.0	Resurface	800,000			800,000	
Total Reconstruction			14.0	36.0		5,649,041	4,742,227	-	10,391,268	
Resurfacing										
	Overlays	Various Locations	5.0	11.0	Resurface	1,000,000			1,000,000	
Total Resurfacing			5.0	11.0		1,000,000	-	-	1,000,000	
Preservation										
	Surface Treatments	Various Locations	82.0	180.4	Sealcoat and Micro Surface	4,050,000			4,050,000	
	Thin Overlays		15.0	33.0		1,500,000			1,500,000	
Total Preservation			97.0	213.4		5,550,000	-	-	5,550,000	
Safety										
	Various Locations				Capacity / Safety Improvement	1,000,000			1,000,000	
	Thornapple River Dr. and Laraway Lake Dr.				Signal Upgrade	120,000			120,000	
	Cascade Rd. and Laraway Lake Dr.				Signal Upgrade	120,000			120,000	
	West River Dr. and West River Center				Signal Upgrade	120,000			120,000	
	West River Dr. and Lamoreaux Dr.				Signal Upgrade	120,000			120,000	
Total Safety						1,000,000	-	-	1,000,000	
Bridges										
	Preventive Maintenance	Various Locations				750,000			750,000	
Total Bridges						750,000	-	-	750,000	
Total Primary Projects			116.0	260.4		\$ 13,949,041	\$ 4,742,227	\$ -	\$ 18,691,268	

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						KCRC	Federal/State	Local		
Reconstruction										
Expansion/All-Season										
	100th St.	Kalamazoo Ave. to 1 Mile East	1.0	2.0	All-Season	\$ 350,000	\$ 850,000		\$ 1,200,000	STP-R
	84th St.	Breton Ave. to Hanna Lake Ave.	1.0	2.0	All-Season	260,000	1,040,000		1,300,000	STP-U
	68th St.	Thornapple River Dr. to Whitneyville Ave.	1.0	2.0	All-Season	1,400,000			1,400,000	
Full Depth Pavement										
	Crush & Shape	Various Locations	8.1	17.8	Resurface	2,000,000	1,000,000		3,000,000	STP-U
	Mill & Fill	Various Locations	8.1	17.8	Resurface	2,000,000	1,000,000		3,000,000	STP-U
Total Reconstruction			19.2	41.6		6,010,000	3,890,000	-	9,900,000	
Resurfacing										
	Overlays	Various Locations	5.0	11.0	Resurface	1,000,000			1,000,000	
Total Resurfacing			5.0	11.0		1,000,000		-	1,000,000	
Preservation										
	Surface Treatments	Various Locations	86.0	189.2	Sealcoat and Micro Surface	4,300,000			4,300,000	
	Thin Overlays		15.0	33.0		1,500,000			1,500,000	
Total Preservation			101.0	222.2		5,800,000		-	5,800,000	
Safety										
	Various Locations				Capacity / Safety Improvement	1,000,000			1,000,000	
Total Safety						1,000,000		-	1,000,000	
Bridges and Culverts										
	Tyrone Bridge #15	200 ft. east of Tyrone Ave			Replacement	110,800	414,200		525,000	
	Preventive Maintenance	Various Locations				475,000			475,000	
Total Bridges and Culverts						475,000		-	475,000	
Total Primary Projects			125.2	274.8		\$ 14,285,000	\$ 3,890,000	\$ -	\$ 18,175,000	

Category	Road	Limits	Miles	Lane		Improvement	Source of Funds			Project Total	Program
				Miles			KCRC	Federal/State	Local		
Reconstruction											
Expansion/All-Season											
100th St.		1 Mile East of Kalamazoo Ave. to Hanna Lake Ave.	1.0	2.0	All-Season	\$ 400,000	\$ 850,000		\$ 1,250,000		STP-R
84th St.		Hanna Lake Ave. to East Paris Ave.	1.0	2.0	All-Season	260,000	1,040,000		1,300,000		STP-U
68th St.		Kraft Ave. to Cherry Valley Dr.	1.0	2.0	All-Season	1,500,000			1,500,000		
Full Depth Resurface											
Crush & Shape		Various Locations	8.1	17.8	Resurface	2,000,000	1,000,000		3,000,000		STP-U
Mill & Fill		Various Locations	8.1	17.8	Resurface	2,000,000	1,000,000		3,000,000		STP-U
Total Reconstruction			19.2	41.6		6,160,000	3,890,000	-	10,050,000		
Resurfacing											
Overlays		Various Locations	5.0	11.0	Resurface	1,000,000			1,000,000		
Total Resurfacing			5.0	11.0		1,000,000	-	-	1,000,000		
Preservation											
Surface Treatments		Various Locations	86.0	189.2	Sealcoat and Micro Surface	4,300,000			4,300,000		
Thin Overlays			15.0	33.0		1,500,000			1,500,000		
Total Preservation			101.0	222.2		5,800,000	-	-	5,800,000		
Safety											
Various Locations					Capacity / Safety Improvement	1,100,000			1,100,000		
Total Safety						1,100,000	-	-	1,100,000		
Bridges											
Preventive Maintenance		Various Locations				1,100,000			1,100,000		
Total Bridges						1,100,000	-	-	1,100,000		
Total Primary Projects			125.2	274.8		\$ 15,160,000	\$ 3,890,000	\$ -	\$ 19,050,000		

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Category	Road	Limits	Miles	Lane		Improvement	Source of Funds			Project Total	Program
				Miles	Miles		KCRC	Federal/State	Local		
Reconstruction											
Expansion/All-Season											
	100th St.	Hanna Lake Ave. to East Paris Ave.	1.0	2.0	All-Season		\$ 400,000	\$ 850,000		\$ 1,250,000	STP-R
	84th St.	East Paris Ave. to Patterson Ave.	1.0	2.0	All-Season		270,000	1,080,000		1,350,000	STP-U
	10 Mile Rd.	Pine Island to Algoma	2.0	4.0	All-Season		3,000,000			3,000,000	
Full Depth Pavement											
	Crush & Shape	Various Locations	8.1	17.8	Resurface		2,000,000	1,000,000		3,000,000	STP-U
	Mill & Fill	Various Locations	8.1	17.8	Resurface		2,000,000	1,000,000		3,000,000	STP-U
Total Reconstruction			20.2	43.6			7,670,000	3,930,000	-	11,600,000	
Resurfacing											
	Overlays	Various Locations	5.0	11.0	Resurface		1,000,000			1,000,000	
Total Resurfacing			5.0	11.0			1,000,000	-	-	1,000,000	
Preservation											
	Surface Treatments	Various Locations	61.0	134.2	Sealcoat and Micro Surface		3,050,000			3,050,000	
	Thin Overlays		10.0	22.0			1,000,000			1,000,000	
Total Preservation			71.0	156.2			4,050,000	-	-	4,050,000	
Safety											
	Various Locations				Capacity / Safety Improvement		1,250,000			1,250,000	
Total Safety							1,250,000	-	-	1,250,000	
Bridges											
	Preventive Maintenance	Various Locations					1,250,000			1,250,000	
Total Bridges							1,250,000	-	-	1,250,000	
Total Primary Projects			96.2	210.8			\$ 15,220,000	\$ 3,930,000	\$ -	\$ 19,150,000	

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