

	2017	2018	2019	
	Actual	Amended Budget	Budget	Attachment
Revenue				
Michigan Transportation Funds (MTF)	40,671,238	44,823,509	48,573,463	
State General Fund				
Surplus Appropriation	-	3,348,150	5,764,383	
Additional Appropriation	-	-	1,000,000	A
Federal and State Grants				
Motorized	4,388,672	7,234,233	4,734,304	A
Non-Motorized	1,052,052	1,731,600	4,098,000	A
State Trunkline contract	9,200,322	9,000,000	9,500,000	
Local Government Contributions	4,456,516	6,271,450	9,564,000	
Services Provided	1,911,249	2,247,000	2,300,000	
Sale of Capital Assets and salvage	1,170,119	407,000	500,000	
Property Rental	162,937	161,396	165,000	
Interest	138,358	150,000	100,000	
Total Revenue	63,151,462	75,374,338	86,299,150	
Expenditures				
Primary Roads				
Reconstruction	6,295,933	10,902,876	12,905,000	
Resurfacing	219,404	1,296,954	1,000,000	
Preservation	4,081,016	4,429,907	4,500,000	
Safety	3,774,233	4,495,222	3,695,000	
Bridges and Culverts	1,224,501	1,620,876	1,300,000	
Total Primary Roads	15,595,087	22,745,834	23,400,000	A
Local Roads				
Reconstruction	5,854,593	6,295,705	6,300,000	B
Resurfacing	1,096,353	2,129,954	1,000,000	B
Preservation	3,218,429	3,922,771	4,500,000	B
Safety	602,125	706,954	726,500	
Bridges and Culverts	263,033	982,876	300,000	
Total Local Roads	11,034,533	14,038,259	12,826,500	
Routine Maintenance				
State	5,372,769	5,654,415	5,500,000	
Primary	6,235,963	6,664,655	7,500,000	C
Local	7,709,573	8,262,495	9,000,000	C
Total Routine Maintenance	19,318,305	20,581,565	22,000,000	
Winter Maintenance				
State	4,281,902	4,860,259	4,000,000	
Primary	1,965,463	2,957,161	3,000,000	
Local	2,025,932	3,157,161	3,000,000	
Total Winter Maintenance	8,273,297	10,974,580	10,000,000	
Non-Motorized	1,718,527	2,550,876	6,987,000	A
Equipment Operations	1,020,740	2,277,675	1,119,650	
Capital Outlay				
Buildings	365,231	924,000	729,000	D
Equipment	5,172,815	6,124,734	3,512,000	D
Depreciation	(3,391,467)	(3,552,000)	(3,900,000)	
Services Provided	1,265,379	2,092,861	2,000,000	
Administration	2,299,269	2,221,198	2,500,000	E
Contingency	-	-	5,125,000	
Total Expenditures	62,671,716	80,979,582	86,299,150	
Revenues Over (Under) Expenditures	479,746	(5,605,244)	-	
Fund Balance, Beginning of Year	18,656,228	19,135,974	13,530,730	
Projected Fund Balance, End of Year	19,135,974	13,530,730	13,530,730	

Category	Road	Limits	Miles	Lane Miles	Improvement	Source of Funds			Project Total
						KCRC	Federal/State	Local	
Reconstruction									
Expansion/All-Season									
	76th St.	Clyde Park Ave. to Gordan Industrial	0.4	2.0	Widen to 5 lanes	\$ 500,000			\$ 500,000
	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
	5 Mile Rd.	Plainfield Ave. to East Beltline Ave.	0.9	2.7	Resurface	100,000	280,000		380,000
	Knapp St.	E. City Limit to East Beltline Ave.	1.0	5.0	Resurface	173,500	426,500		600,000
	7 Mile Rd.	Fruit Ridge Ave. to Alpine Ave.	4.0	8.0	Resurface	394,696	805,304		1,200,000
	6 Mile Rd.	Walker Ave. to Alpine Ave.	2.0	4.0	Resurface	129,000	471,000		600,000
	6 Mile Rd.	Fruit Ridge Ave. to Walker Ave.	2.0	8.0	Resurface	175,000	500,000		675,000
	Byron Center Ave.	92nd St. to 84th St.	1.0	3.0	Resurface	172,000	628,000		800,000
	Lamoreaux Dr.*	Alpine Ave. to West River Dr.	1.5	4.5	Resurface	100,000	1,000,000	1,750,000	2,850,000
	76th St.	Sierrafield to Clyde Park Ave.	0.7	2.1	Resurface	600,000			600,000
	Cascade Rd.	Forest Hill 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
Total Reconstruction			22.9	63.7		6,259,196	4,895,804	1,750,000	12,905,000
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									
	Patterson Ave. & 44th St.	750 Feet north and west	0.3		Dual left turn lanes	75,000	600,000	75,000	750,000
	Crahen Ave. @ Leonard St.				Realignment	400,000			400,000
	Six locations				Signal upgrades	800,000	-	-	800,000
	Various Locations				Capacity / safety improvement	200,000			200,000
Total Safety			0.3	-		1,475,000	600,000	75,000	2,150,000
Bridges									
	100th St.	Over Thornapple River	0.1		Substructure/Scour	400,000			400,000
	76th St.	Over Buck Creek			Substructure/Widen	500,000			500,000
	Preventive Maintenance	Various Locations				400,000			400,000
Total Bridges			0.1	-		1,300,000	-	-	1,300,000
Total Primary Road Projects			111.0	256.7		\$ 14,534,196	\$ 5,495,804	\$ 1,825,000	\$ 21,855,000
*Grant portion is earmarked state funds, shown as additional appropriation									
Non-Motorized									
	Caledonia Trail 1B					\$ 776,000	\$ 776,000	\$	1,552,000
	Paul Henry Thornapple Trail					175,000	180,000		355,000
	FM Pioneer Trail Phase 2					357,000	103,000		460,000
	FM Flat/Grand River Valley Rail Trail					1,500,000	1,060,000		2,560,000
	M-6 Trail Phase 5					100,000	140,000		240,000
	FM Pioneer Trail Phase 5					1,190,000	630,000		1,820,000
Total Non-Motorized						\$ -	\$ 4,098,000	\$ 2,889,000	\$ 6,987,000

Local Road Projects
Attachment B

	Reconstruction			Resurfacing			Preservation		
	Township	KCRC	Total	Township	KCRC	Total	Township	KCRC	Total
Ada	\$ 60,000	\$ 60,000	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Algoma	-	-	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-	-	-
Bowne	-	-	-	-	-	-	-	-	-
Byron	125,000	125,000	250,000	-	-	-	-	-	-
Caledonia	-	-	-	-	-	-	-	-	-
Cannon	50,000	50,000	100,000	-	-	-	-	-	-
Cascade	300,000	300,000	600,000	-	-	-	-	-	-
Courtland	40,000	40,000	80,000	-	-	-	-	-	-
Gaines	-	-	-	-	-	-	-	-	-
Grand Rapids	-	-	-	-	-	-	-	-	-
Grattan	-	-	-	-	-	-	-	-	-
Lowell	-	-	-	-	-	-	-	-	-
Nelson	-	-	-	-	-	-	-	-	-
Oakfield	-	-	-	-	-	-	-	-	-
Plainfield	-	-	-	-	-	-	-	-	-
Solon	-	-	-	-	-	-	-	-	-
Sparta	-	-	-	-	-	-	-	-	-
Spencer	-	-	-	-	-	-	-	-	-
Tyrone	-	-	-	-	-	-	-	-	-
Vergennes	-	-	-	-	-	-	-	-	-
Various	2,425,000	2,425,000	4,850,000	550,000	450,000	1,000,000	1,000,000	1,000,000	2,000,000
Total	\$ 3,000,000	\$ 3,000,000	\$ 6,000,000	\$ 550,000	\$ 450,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 2,000,000

Primary

	2017	2018	2019
	Actual	Amended Budget	Budget
Adopt-a-Road Expenses	\$ 16,076	\$ 20,900	\$ 28,409
Bridge Preventative Maint.	43,664	139,332	113,636
Brush back mowing	-	-	227,273
Crack sealing	66,803	-	340,909
Drainage And Backslopes	791,034	1,253,992	1,136,364
Grass And Weed Control	351,926	278,665	397,727
Guard Rail & Posts	58,541	69,666	56,818
Other routine maintenance	13,125	-	-
Partial Depth Mill and Fill	-	278,665	113,636
Projects	661,024	-	-
Restoration	12,546	13,933	34,091
Roadside Cleanup	66,976	69,666	85,227
Shoulder Maintenance	326,056	417,997	454,545
Spot Mill and Fill	-	366,192	340,909
Structure Maintenance	-	69,666	-
Supervision	489,482	348,331	568,182
Surface Maintenance	2,392,605	2,368,651	2,272,727
Sweeping And Flushing	137,628	208,999	170,455
Trees And Shrubs	796,339	1,044,993	1,136,364
Weight Limit Signing	12,141	13,933	22,727
Total Primary	\$ 6,235,963	\$ 6,963,581	\$ 7,500,000

Local

	2017	2018	2019
	Actual	Amended Budget	Budget
Adopt-a-Road Expenses	\$ 9,601	\$ 10,716	\$ 10,778
Bridge Preventative Maint.	10,973	-	53,892
Brush back mowing	-	-	107,784
Crack sealing	40,728	-	107,784
Drainage And Backslopes	1,370,460	2,009,288	1,886,228
Dust Control	383,217	535,810	485,030
Grass And Weed Control	328,299	267,905	323,353
Guard Rail & Posts	29,447	33,488	53,892
Restoration	103,252	80,372	80,838
Roadside Cleanup	40,858	46,883	53,892
Shoulder Maintenance	177,294	234,417	269,461
Structure Maintenance	1,001	26,791	-
Supervision	644,123	401,859	646,707
Surface Maintenance	3,160,665	3,212,484	3,233,533
Sweeping And Flushing	37,261	53,581	43,114
Trees And Shrubs	1,361,443	1,339,525	1,616,766
Weight Limit Signing	10,951	9,377	26,946
Total Local	\$ 7,709,573	\$ 8,262,495	\$ 9,000,000

Capital Outlay
Attachment D

	<u>Unit Cost</u>	<u>2019 Budget</u>
Buildings		
Pave drive & storage area at North		\$ 210,000
Pave drive & storage area at South		120,000
Clean & paint parking garage at South		220,000
Remove chimney at Central		20,000
Replace concrete at fuel island & gas house at Central		25,000
Replace air handlers at Central		45,000
Reroof lean to at North		20,000
Replace boilers at North		32,000
Lockers and partitions at North		30,000
Small hi-lo for Southwest		7,000
Total Buildings		<u>\$ 729,000</u>
Large Trucks		
1 5 axle live bottom	250,000	250,000
8 Single Axle Plow trucks	190,000	1,520,000
25 GPS systems	1,300	32,500
Total Large Trucks		<u>1,802,500</u>
Heavy Equipment		
1 Aerial lift truck for North	200,000	200,000
1 Aerial lift truck for Sign Shop	170,000	170,000
1 Berm disc	8,000	8,000
1 Brine trailer	50,000	50,000
1 Dump trailer	60,000	60,000
1 25 ton trailer	40,000	40,000
2 20 ton trailers	30,000	60,000
2 2 ton hot boxes	17,000	34,000
1 Small 4x4 tractor for mowing with rear mower	75,000	75,000
1 Tractor with boom arm mower and side deck	120,000	120,000
5 Rear flail / rotary mowing decks	10,000	50,000
1 Side flail mower deck	10,000	10,000
4 Generators	5,000	20,000
4 Trash pumps	2,500	10,000
2 Mortar / cement mixers	2,500	5,000
1 4 yard loader	250,000	250,000
1 Harley rakes	7,000	7,000
1 Air compressor for mowing crew	3,000	3,000
1 Excavator	160,000	160,000
1 Sweeper (used)	35,000	35,000
25 Weed whips, chain saws and pole saws	9,000	9,000
Total Heavy Equipment		<u>1,376,000</u>
Small Trucks		
1 3/4 ton 4x4 extended cab pickup / plow	35,000	35,000
1 1 ton 4x4 extended cab pickup / plow	37,000	37,000
1 1 ton 4x2 crew cab pickup	60,000	60,000
2 3/4 ton 4x4 crew cab pickup	36,000	72,000
1 1/2 ton 4x4 extended cab pickup for Road Patrol	34,000	34,000
		<u>238,000</u>
Passenger vehicles		
2 Cars	21,000	<u>42,000</u>
Shop Tools		
1 Band saw	6,500	6,500
1 Plasma cutter	4,000	4,000
Total Shop Tools		<u>10,500</u>
Engineering		
1 Copier	13,000	<u>13,000</u>
Traffic and Safety		
1 Panel saw	6,000	<u>6,000</u>
Administration		
4 Fitness Equipment at each complex	6,000	<u>24,000</u>
Total Equipment		<u>\$ 3,512,000</u>

Administration
Attachment E

	2017	2018	2019
	Actual	Amended Budget	Budget
Advertising	\$ 37,583	\$ 23,000	\$ 40,000
Depreciation	55,157	52,000	59,000
Equipment Rental	37,677	36,000	36,000
Information Technology	82,953	84,000	100,000
Insurance	25,369	75,108	80,000
Personnel Costs	1,560,602	1,504,000	1,766,000
Professional Services	198,099	168,696	158,000
Repairs and Maintenance	87,464	84,000	95,000
Supplies	138,312	122,815	100,000
Training and Travel	27,335	21,489	17,000
Utilities	131,985	133,000	139,000
Handling Charges on Materials Sold	(78,836)	(80,000)	(85,000)
Purchase Discounts	(4,432)	(12,000)	(5,000)
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Total Administration	\$ 2,299,268	\$ 2,212,108	\$ 2,500,000
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Fringe
Attachment F

	2017	2018	2019
	Actual	Amended Budget	Budget
Disability and Life Insurance	\$ 72,386	\$ 83,974	\$ 82,000
Hospitalization and Dental Insurance	3,254,955	3,776,026	3,245,400
Longevity	90,709	90,000	100,000
Other Post Employment Benefits (OPEB)	742,823	825,000	697,000
Payroll taxes	1,066,723	1,074,000	1,200,000
Retirement Plans	1,204,546	1,170,000	1,400,000
Sick leave	449,694	375,000	425,000
Supplies	24,327	25,000	29,000
Unemployment Compensation	-	9,600	1,000
Vacation and holiday leave	1,423,830	1,492,000	1,551,000
Worker's Compensation Insurance	478,733	495,000	500,000
Total Fringe	<u>\$ 8,808,726</u>	<u>\$ 9,415,600</u>	<u>\$ 9,230,400</u>

Note: Fringe costs are allocated to each line in the budget with labor expenses