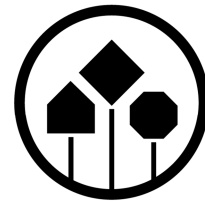


2018 Adopted Budget



Kent County Road Commission

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	<u>Current Year</u>		
	<u>Amended</u>		
	2016 Actual	2017 Budget	2018 Budget
Revenue			
Michigan Transportation Funds			
Primary Road Fund	27,018,333	33,136,782	39,346,802
Local Road Fund	6,000,396	7,359,218	6,724,798
Total Michigan Transportation Funds	<u>33,018,729</u>	<u>40,496,000</u>	<u>46,071,600</u>
State Trunkline Maintenance	9,800,428	9,000,000	9,000,000
State General Fund Grant	5,119,931	-	-
Federal and State Aid	8,154,947	6,252,496	7,822,233
Contributions for work performed for others	6,109,186	7,424,861	7,162,900
Interest	121,372	95,000	125,000
Proceeds from Sale of Fixed Assets	147,374	1,236,000	380,000
Property Rental	211,214	161,396	161,396
Miscellaneous	18,071	36,000	27,000
Total Operating Revenue	<u>62,701,252</u>	<u>64,701,753</u>	<u>70,750,129</u>
Expenditures			
Construction & Capacity Improvements			
Primary Road System	1,011,667	2,491,760	3,618,000
Local Road System	1,126	-	-
Total Construction/Capacity Improvements	<u>1,012,793</u>	<u>2,491,760</u>	<u>3,618,000</u>
Preservation & Structural Improvements			
Primary Road System	13,278,485	9,197,490	12,315,000
Local Road System	7,190,276	9,055,000	7,699,510
Total Preservation - Structural Improvements	<u>20,468,761</u>	<u>18,252,490</u>	<u>20,014,510</u>
Routine & Preventive Maintenance			
Primary Road System	8,795,138	11,340,000	11,952,819
Local Road System	9,099,836	9,498,730	11,147,000
Total Maintenance	<u>17,894,974</u>	<u>20,838,730</u>	<u>23,099,819</u>
State Trunkline Maintenance	7,748,990	8,100,000	8,100,000
Equipment			
Direct Equipment Expense	4,869,636	5,532,000	5,757,000
Indirect Equipment Expense	2,164,895	2,216,000	2,306,000
Operating Expense	905,673	1,845,000	1,590,000
Total Equipment Expense	<u>7,940,204</u>	<u>9,593,000</u>	<u>9,653,000</u>
Less Equipment Rental Collected	(9,011,737)	(9,000,000)	(9,006,000)
Capital Outlay	7,251,074	5,680,664	4,787,000
Administration	1,572,520	1,494,000	1,538,000
Work Performed for Others	1,666,984	1,101,000	1,703,000
Less Provision for Depreciation	(2,840,739)	(3,378,000)	(3,288,000)
Fringe Benefits	8,033,073	9,179,600	9,415,600
Distributive Expenses	2,260,037	2,613,500	2,469,000
Total Expenditures	<u>63,996,934</u>	<u>66,966,744</u>	<u>72,103,929</u>
Fund Balances			
Beginning of year Fund Balance	19,951,910	18,656,228	16,391,237
Change in Fund Balance	(1,295,682)	(2,264,991)	(1,353,800)
End of year Fund Balance	<u>18,656,228</u>	<u>16,391,237</u>	<u>15,037,437</u>

	Primary Road	Local Road	Road Commission	Total
Revenue				
Michigan Transportation Funds	39,346,802	6,724,798		46,071,600
State Trunkline Maintenance			9,000,000	9,000,000
State General Fund Grant	-	-		-
Federal and State Aid	7,822,233			7,822,233
Contributions for work performed for others	836,400	4,079,500	2,247,000	7,162,900
Interest	54,032	20,389	50,579	125,000
Proceeds from sale of Fixed Assets			380,000	380,000
Property Rental			161,396	161,396
Miscellaneous			27,000	27,000
Total Operating Revenue	48,059,467	10,824,687	11,865,975	70,750,129
Expenditures				
Construction & Capacity Improvements				
Primary Road System	3,618,000			3,618,000
Local Road System		-		-
Total Construction/Capacity Improvements	3,618,000	-	-	3,618,000
Preservation & Structural Improvements				
Primary Road System	12,315,000			12,315,000
Local Road System		7,699,510		7,699,510
Total Preservation - Structural Improvements	12,315,000	7,699,510	-	20,014,510
Routine & Preventive Maintenance				
Primary Road System	11,952,819			11,952,819
Local Road System		11,147,000		11,147,000
Total Maintenance	11,952,819	11,147,000	-	23,099,819
State Trunkline Maintenance				
			8,100,000	8,100,000
Equipment				
Direct Equipment Expense			5,757,000	5,757,000
Indirect Equipment Expense			2,306,000	2,306,000
Operating Expense			1,590,000	1,590,000
Total Equipment Expense	-	-	9,653,000	9,653,000
Less Equipment Rental Collected				
			(9,006,000)	(9,006,000)
Capital Outlay				
Administration	1,313,500	224,500	4,787,000	4,787,000
Work Performed for Others			1,703,000	1,703,000
Less Provision for Depreciation			(3,288,000)	(3,288,000)
Fringe Benefits	6,395,900	1,440,600	1,579,100	9,415,600
Distributive Expenses	1,677,200	377,800	414,000	2,469,000
Total Expenditures	37,272,419	20,889,410	13,942,100	72,103,929
Revenue Over (Under) Expenditures	10,787,048	(10,064,723)	(2,076,125)	(1,353,800)

Month of Receipt by Michigan Treasury	2016 Actual	Amended 2017 Budget	2018 Budget
October	2,522,623	2,523,000	3,839,300
November	2,569,349	2,569,000	3,839,300
December	2,553,667	2,554,000	3,839,300
January	2,843,882	3,702,000	3,839,300
February	3,428,843	4,287,000	3,839,300
March	2,891,236	3,749,000	3,839,300
April	2,785,474	3,643,000	3,839,300
May	2,709,255	3,079,000	3,839,300
June	2,877,983	3,594,000	3,839,300
July	2,185,043	3,330,000	3,839,300
August	2,881,195	3,765,000	3,839,300
September	2,760,179	3,701,000	3,839,300
Total	33,008,729	40,496,000	46,071,600

	2016 Actual	Amended 2017 Budget	2018 Budget
Revenue			
Primary construction and preservation	(256)	740,000	836,400
Local construction and preservation	3,858,004	4,589,861	4,079,500
Contributions for costs included in construction & heavy maintenance	<u>3,857,748</u>	<u>5,329,861</u>	<u>4,915,900</u>
Soil erosion control	179,484	150,000	180,000
Permit fees	154,227	150,000	150,000
Plat inspections	15,316	25,000	15,000
Work orders and other services performed for others	<u>1,902,411</u>	<u>1,770,000</u>	<u>1,902,000</u>
Total fees, inspections and work orders done for others	<u>2,251,438</u>	<u>2,095,000</u>	<u>2,247,000</u>
Total contributions for work done for others	<u><u>6,109,186</u></u>	<u><u>7,424,861</u></u>	<u><u>7,162,900</u></u>
Expenditures			
Soil erosion control	81,789	105,000	115,000
Highway permits	89,991	90,000	90,000
Plat inspections	51,573	50,000	55,000
Work orders performed for others	<u>1,443,631</u>	<u>856,000</u>	<u>1,443,000</u>
Total work done for others	<u><u>1,666,984</u></u>	<u><u>1,101,000</u></u>	<u><u>1,703,000</u></u>

	2016 Actual	Amended 2017 Budget	2018 Budget
Primary Roads			
Construction/Capacity Improvements			
Primary road construction	291,512	941,760	1,150,000
Primary non-motorized construction	720,155	1,550,000	2,468,000
Total Construction/Capacity Improvements	1,011,667	2,491,760	3,618,000
Preservation - Structural Improvements			
Primary road preservation	11,699,948	5,094,618	9,795,000
Non-motorized preservation	-	-	-
Primary bridge preservation	418,042	1,065,000	1,130,000
Primary safety preservation	1,157,193	3,037,872	1,390,000
Primary culvert preservation	3,302	-	-
Total Preservation - Structural Improvements	13,278,485	9,197,490	12,315,000
Total Primary Construction and Preservation	14,290,152	11,689,250	15,933,000
Local Roads			
Construction/Capacity Improvements			
Roads	1,126	-	-
Total Construction/Capacity Improvements	1,126	-	-
Preservation - Structural Improvements			
Local road preservation	6,447,889	8,600,000	7,244,510
Local bridge preservation	621,197	455,000	455,000
Local non-motorized preservation	-	-	-
Local safety preservation	-	-	-
Local culvert preservation	121,190	-	-
Total Preservation - Structural Improvements	7,190,276	9,055,000	7,699,510
Total Local Construction and Preservation	7,191,402	9,055,000	7,699,510

Projects	Township Portion <i>(see note below)</i>	Road Commission Portion	2018 Budget
Preservation - Structural Improvements - Roads			
Minor Construction			
Ada	27,500	22,500	50,000
Algoma	22,000	18,000	40,000
Bowne	22,000	18,000	40,000
Cannon	22,000	18,000	40,000
Cascade	22,000	18,000	40,000
Grattan	55,000	45,000	100,000
Lowell	27,500	22,500	50,000
Nelson	27,500	22,500	50,000
Oakfield	39,000	32,000	71,000
Solon	55,000	45,000	100,000
Spencer	27,500	22,500	50,000
Tyrone	27,500	22,500	50,000
Total Minor Construction	374,500	306,500	681,000
Local Surface Treatments			
Ada	100,000	100,000	200,000
Algoma	200,000	200,000	400,000
Alpine	225,000	225,000	450,000
Bowne	170,000	170,000	340,000
Byron	300,000	300,000	600,000
Caledonia	200,000	200,000	400,000
Cannon	300,000	300,000	600,000
Cascade	400,000	400,000	800,000
Courtland	100,000	100,000	200,000
Gaines	150,000	150,000	300,000
Grand Rapids	250,000	250,000	500,000
Lowell	50,000	50,000	100,000
Plainfield	400,000	400,000	800,000
Sparta	100,000	100,000	200,000
Total Overlays	2,945,000	2,945,000	5,890,000
Local Construction			
Caledonia	440,000	360,000	800,000
Oakfield	100,000	90,000	190,000
Spencer	220,000	180,000	400,000
Total Local Construction	760,000	630,000	1,390,000
Preservation - Structural Improvements - Roads	4,079,500	3,881,500	7,961,000
Preservation - Structural Improvements - Bridges	-	500,000	500,000
Preservation - Structural Improvements - Safety			
Total Local Preservation - Structural Improvements	4,079,500	4,381,500	8,461,000

Note: Budget amounts include direct costs, costs of benefits and overhead.

	KCRC	Other	Federal and State Aid	2018 Budget	
				Construction / Capacity Improvements	Preservation / Structural Improvements
Roads (451 / 459)					
Belmont/10 Mile Connector	1,050,000	100,000		1,150,000	
10 Mile Road - Alpine Avenue to Pine Island Drive	691,000		1,534,000		2,225,000
13 Mile Road - Fruit Ridge Ave to Peach Ridge Ave	530,486		789,514		1,320,000
13 Mile Road Kenowa Avenue to Fruit Ridge Avenue	1,025,000		225,000		1,250,000
Knapp Street - The Grand River to West of Pettis	240,000		640,000		880,000
Knapp Street - Dunnigan Avenue to Grand River Drive	607,881		1,642,119		2,250,000
10 Mile Rd - US-131 to Meijer Entrance / Rockford - Resurface	90,000		240,000		330,000
Resurface = Various	540,000				540,000
Overlays	500,000				500,000
Thin Overlays	500,000				500,000
Total Roads	5,774,367	100,000	5,070,633	1,150,000	9,795,000
Non-Motorized (454)					
Kenowa Trail Connector		281,400	656,600	938,000	
M-6 Trail Phase 4		350,000	900,000	1,250,000	
Paul Henry Trail Extension		105,000	175,000	280,000	
Total Non-Motorized	-	736,400	1,731,600	2,468,000	-
Bridges (460)					
Alg #52 - 10 Mile Rd over the Rogue River & WP Trail	150,000		380,000		530,000
Various	600,000				600,000
Total Bridges	750,000	-	380,000	-	1,130,000
Safety (463)					
Spaulding Avenue @ Cascade Road	120,000		280,000		400,000
Wolverine Blvd @ 11 Mile Road	100,000				100,000
Pine Island Drive @ Post Drive	85,000		360,000		445,000
Various Locations	445,000				445,000
					-
Total Safety	750,000	-	640,000	-	1,390,000
Total Construction, Capacity, Preservation and Structural Improvements	7,274,367	836,400	7,822,233	3,618,000	12,315,000

* \$900,000 STPR purchased

Classification of Work	2016 Actual	Amended 2017 Budget	2018 Budget
Adopt-a-Road Expenses	11,873	15,000	15,000
All Weather Reconstruction	97,052	-	-
All Weather Widen 5-Lane	2,096	-	-
Bridge Preventative Maint.	37,696	100,000	100,000
Crush and Shape	574	-	-
Culvert Preventative Maint.	1,491	-	-
Drainage and backslopes	645,428	1,000,000	900,000
Dust Control	569	-	-
Full Depth Mill and Fill	910	-	-
Grass and weed control	325,047	200,000	200,000
Guard Rail & Posts	21,486	50,000	50,000
Partial Depth Mill and Fill	41,701	-	200,000
Pavement marking	480,996	550,000	550,000
Restoration	8,355	10,000	10,000
Roadside cleanup	55,737	50,000	50,000
Sealcoating	1,910,122	3,350,000	3,000,000
Shoulder maintenance	260,522	300,000	300,000
Spot Mill and Fill	54,372	262,819	262,819
Structure maintenance	-	50,000	50,000
Supervision	229,927	250,000	250,000
Surface maintenance	1,431,617	1,500,000	1,700,000
Surface treatments	121,867	300,000	300,000
Sweeping and flushing	116,169	150,000	150,000
Traffic counts	28,902	30,000	30,000
Traffic signal energy	102,230	150,000	150,000
Traffic signals	405,278	425,000	425,000
Traffic signs	242,194	300,000	300,000
Trees and shrubs	707,656	700,000	750,000
Weight limit signing	8,375	10,000	10,000
Winter maintenance	1,444,896	1,587,181	2,200,000
Total Routine and Preventive Maintenance	8,795,138	11,340,000	11,952,819

Classification of Work	2016 Actual	Amended 2017 Budget	2018 Budget
Adopt-a-Road Expenses	9,036	8,000	8,000
All weather widen 5-lane	1,120	-	-
Bridge Preventive Maint.	27,395	-	-
Culvert Preventive Maint.	941	-	-
Drainage and backslopes	691,539	1,500,000	1,500,000
Dust control	343,368	400,000	400,000
Grass and weed control	286,266	200,000	200,000
Guard Rail & Posts	3,586	25,000	25,000
Pavement marking	223,454	300,000	300,000
Restoration	45,218	40,000	60,000
Roadside cleanup	29,366	35,000	35,000
Sealcoating	1,824,851	1,500,000	1,700,000
Shoulder maintenance	124,026	175,000	175,000
Spot Mill and Fill	67,154	-	-
Structure maintenance	-	20,000	20,000
Supervision	310,506	275,000	300,000
Surface maintenance	2,470,636	2,000,000	2,400,000
Surface treatments	82,541	300,000	300,000
Sweeping and flushing	100,903	20,000	40,000
Traffic counts	31,331	25,000	25,000
Traffic Signal Energy	464	2,000	2,000
Traffic signals	10,225	20,000	20,000
Traffic signs	220,731	230,000	230,000
Trees and shrubs	885,892	800,000	1,000,000
Weight limit signing	7,847	7,000	7,000
Winter maintenance	1,301,440	1,616,730	2,400,000
Total Routine and Preventive Maintenance	9,099,836	9,498,730	11,147,000

		Amended	
	2016 Actual	2017 Budget	2018 Budget
Direct equipment expense			
Depreciation	2,379,061	2,807,000	2,807,000
Other costs	1,650,949	1,750,000	1,850,000
Personnel costs	839,626	975,000	1,100,000
Total Direct equipment expense	4,869,636	5,532,000	5,757,000
Indirect equipment expense			
Depreciation	305,146	356,000	356,000
Insurance	189,838	90,000	100,000
Other costs	433,814	380,000	440,000
Personnel costs	839,155	900,000	920,000
Supplies	236,352	230,000	240,000
Utilities	160,590	260,000	250,000
Total Indirect equipment expense	2,164,895	2,216,000	2,306,000
Operating equipment expense			
Fuels and other operating expenses	827,571	1,750,000	1,500,000
Personnel costs	78,102	95,000	90,000
Total Operating equipment expense	905,673	1,845,000	1,590,000
Total Equipment operation and maintenance expense	7,940,204	9,593,000	9,653,000

	Amended		
	2016 Actual	2017 Budget	2018 Budget
Administrative Expenditures:			
Advertising	26,384	18,000	23,000
Depreciation	48,331	55,000	52,000
Equipment rental	35,370	35,000	36,000
Information systems	92,974	74,000	84,000
Insurance	63,847	38,000	51,000
Other	98,336	98,000	99,000
Personnel costs	845,352	861,000	854,000
Professional services	128,855	113,000	121,000
Repairs and maintenance	82,396	85,000	84,000
Supplies and postage	94,586	91,000	93,000
Utilities	130,218	134,000	133,000
Subtotal	1,646,649	1,602,000	1,630,000
Less administrative credits:			
Handling charges on materials sold	67,256	91,000	80,000
Purchase discounts	6,873	17,000	12,000
	74,129	108,000	92,000
 Net Administrative Expenditures	 1,572,520	 1,494,000	 1,538,000

	Amended		
	2016 Actual	2017 Budget	2018 Budget
Engineering			
Engineering services	351,567	355,000	375,000
Public services	241,116	225,000	240,000
County maps	10,625	2,000	2,000
Bridge inspections	35,263	20,000	35,000
Right of way	89,577	80,000	80,000
Training & Travel	49,319	50,000	50,000
Planning Services	135,069	140,000	150,000
Pavement management	14,131	20,000	20,000
Stormwater management	57,442	350,000	30,000
Geographic information system	22,871	45,000	45,000
Total Engineering	<u>1,006,980</u>	<u>1,287,000</u>	<u>1,027,000</u>
Maintenance			
Administration	82,863	80,000	80,000
Small tools	8,370	15,000	15,000
Driver training	20,110	10,000	10,000
Professional activities	1,326	5,000	5,000
Training & Travel	77,576	45,000	45,000
Total Maintenance	<u>190,245</u>	<u>155,000</u>	<u>155,000</u>
Traffic and Safety			
Supervision	309,668	375,000	375,000
Support staff	36,952	50,000	50,000
Traffic Services	113,147	120,000	120,000
Safety and first aid	72,340	94,000	94,000
Professional activities	6,119	7,000	7,500
Training & Travel	7,543	7,000	8,000
Road patrol	37,708	50,000	50,000
Total Traffic and Safety	<u>583,477</u>	<u>703,000</u>	<u>704,500</u>
Liability insurance and claims			
Insurance premium	239,486	110,000	254,000
Accident investigation	3,535	6,000	6,000
Claims and deductibles	8,344	17,500	17,500
Total liability insurance and claims	<u>251,365</u>	<u>133,500</u>	<u>277,500</u>
Inventory and Material Handling			
Sand handling	48,463	85,000	85,000
Salt handling	74,143	70,000	70,000
Road materials inventory adjustment	(47,764)	-	(30,000)
Total inventory and material handling	<u>74,842</u>	<u>155,000</u>	<u>125,000</u>
Yard and Storage Facilities			
Gravel pit maintenance	54,693	25,000	25,000
Brine tank maintenance	6,426	10,000	10,000
Salt storage maintenance	1,349	20,000	20,000
Depreciation	90,660	125,000	125,000
Total Yard and Storage Facilities	<u>153,128</u>	<u>180,000</u>	<u>180,000</u>
Total Distributive Expenditures	<u><u>2,260,037</u></u>	<u><u>2,613,500</u></u>	<u><u>2,469,000</u></u>

	2016 Actual	Amended 2017 Budget	2018 Budget
Fringe Benefits			
Hospitalization, dental, and life insurance	3,369,326	3,746,000	3,860,000
Longevity	91,770	97,000	90,000
Other costs	1,185	2,000	2,000
Other post-employment benefits	163,107	770,000	825,000
Payroll taxes	1,012,594	1,074,000	1,074,000
Retirement plan	1,103,205	1,086,000	1,170,000
Safety Supplies	20,371	18,000	23,000
Sick leave	352,845	482,000	375,000
Unemployment compensation	-	9,600	9,600
Vacation and holiday	1,407,490	1,435,000	1,492,000
Worker compensation	511,180	460,000	495,000
Total fringe benefits	8,033,073	9,179,600	9,415,600

	Quantity		Unit Cost	2018 Budget
Buildings				
	1	South Complex Warehouse	500,000	500,000
	1	Drive way paving at South complex	175,000	175,000
	1	Parking lot paving at North complex	100,000	100,000
	1	Building Improvements	50,000	50,000
	1	HVAC management system at North complex	35,000	35,000
	1	Waste oil storage tank	32,000	32,000
	1	Concrete wash out area	20,000	20,000
	1	Sissor lift	10,000	10,000
	1	Entry doors at North complex	8,000	8,000
	1	Power washer at Central complex	7,000	7,000
				<u>937,000</u>
Large trucks				
	1	5 Axle Live Bottom	275,000	275,000
	6	Single axle trucks	195,000	1,170,000
	2	Underbody scraper	7,500	15,000
	50	Advance Vehicle Location (GPS)	1,200	60,000
				<u>1,520,000</u>
Construction				
	1	Gradall	400,000	400,000
	1	Athey loader	250,000	250,000
	1	High Ranger at North complex	200,000	200,000
	1	Small motor grader	200,000	200,000
	1	Track loader and mower head	95,000	95,000
	1	Tractor	80,000	80,000
	1	Mini excavator at South complex	70,000	70,000
	1	Hot rubber machine	55,000	55,000
	1	Steel drum roller	45,000	45,000
	2	Small chippers	41,000	82,000
	1	20 ton trailer	30,000	30,000
	1	Side flail mower	25,000	25,000
	2	Mastic patch machine (used)	25,000	50,000
	1	Hot box patch trailer	20,000	20,000
	1	Rear flail mower	10,000	10,000
	1	Boat for bridge crew	10,000	10,000
	1	3pt rotary mower	9,000	9,000
	6	Arrow boards	7,000	42,000
	1	Enclosed trailer	7,000	7,000
	1	Mower head for track loader	6,000	6,000
	3	Compactors	3,000	9,000
	1	Walk behind cement saw	2,500	2,500
	1	Recue saw	1,500	1,500
				<u>1,699,000</u>
Small trucks				
	3	1 ton pickups	55,000	165,000
	2	3/4 ton 4x4 pickups	35,000	70,000
	1	Patrol truck	33,000	33,000
	5	1/2 ton pickups	30,000	150,000
	1	3/4 ton 4x2 with lift gate	25,000	25,000
				<u>443,000</u>

Quantity		Unit Cost	2018 Budget
Passenger vehicles			
3	Cars	29,000	87,000
Shop Tools			
1	Hydraulic iron worker	10,000	10,000
1	Hand Tools	6,000	6,000
1	Air compressor for shop truck	4,000	4,000
			<u>20,000</u>
Engineering			
1	Plotter	12,000	12,000
1	GPS Antennae	10,000	10,000
2	Survey Data Collectors	8,000	16,000
2	Lap tops (Toughbook)	3,000	6,000
10	CAD Stations	1,000	10,000
			<u>54,000</u>
Traffic and Safety			
1	Office furniture - Sign shop	1,500	1,500
Administration			
1	Upgrade Cisco voice operating system	16,500	16,500
1	Server (Domain controller)	5,000	5,000
1	Tread mill at North complex	4,000	4,000
	Total Capital Outlay		<u><u>4,787,000</u></u>