

	<u>2020 Actual</u>	<u>2021 Amended Budget</u>	<u>2022 Budget</u>	<u>Attachment</u>
Revenue				
Michigan Transportation Funds (MTF)	\$ 51,644,513	\$ 56,082,993	\$ 57,645,654	
State General Fund				
Surplus Appropriation	-	-	-	
Additional Appropriation	-	-	-	
Federal and State Grants				
Motorized	5,078,756	9,007,422	8,461,403	A
Non-Motorized	1,730,978	1,165,000	-	
State Trunkline contract	12,332,570	13,000,000	11,000,000	
Local Government Contributions				
Road Projects	4,725,852	9,383,500	6,500,000	
Non-Motorized	1,064,280	935,000	-	
Services Provided	1,332,682	1,300,000	2,000,000	
Sale of Capital Assets and salvage	168,002	1,050,000	500,000	
Property Rental	165,535	150,000	150,000	
Interest	412,537	250,000	150,000	
Total Revenue	<u>78,655,705</u>	<u>92,323,915</u>	<u>86,407,057</u>	
Expenditures				
Primary Roads				
Reconstruction	12,609,467	16,860,000	14,040,000	
Resurfacing	953,119	800,000	780,000	
Preservation	4,415,675	4,000,000	3,000,000	
Safety	3,159,171	2,625,000	2,800,000	
Bridges and Culverts	1,690,868	1,503,000	1,903,000	
Total Primary Roads	<u>22,828,300</u>	<u>25,788,000</u>	<u>22,523,000</u>	A
Local Roads				
Reconstruction	8,603,703	13,000,000	11,000,000	
Resurfacing	1,009,443	1,850,000	1,000,000	
Preservation	2,738,835	3,643,000	4,000,000	
Safety	517,398	800,000	680,000	
Bridges and Culverts	1,525,422	400,000	500,000	
Total Local Roads	<u>14,394,802</u>	<u>19,693,000</u>	<u>17,180,000</u>	
Routine Maintenance				
State	8,849,553	9,500,000	7,000,000	
Primary	5,673,301	6,525,000	6,851,250	B
Local	11,064,278	11,175,000	11,733,750	B
Total Routine Maintenance	<u>25,587,132</u>	<u>27,200,000</u>	<u>25,585,000</u>	
Winter Maintenance				
State	3,451,336	3,500,000	4,000,000	
Primary	2,165,374	2,190,000	3,000,000	
Local	2,020,149	2,190,000	3,000,000	
Total Winter Maintenance	<u>7,636,859</u>	<u>7,880,000</u>	<u>10,000,000</u>	
Non-Motorized	3,015,427	2,100,000	-	
Equipment Operations	(519,345)	750,000	500,000	
Capital Outlay				
Buildings	758,135	8,985,000	5,377,500	C
Equipment	4,472,070	6,928,000	4,237,000	C
Depreciation	(4,030,186)	(4,300,000)	(4,400,000)	
Services Provided	1,062,682	1,000,000	1,000,000	
Administration	2,724,336	2,861,817	3,000,000	D
Contingency	-	-	-	
Total Expenditures	<u>77,930,212</u>	<u>98,885,817</u>	<u>85,002,500</u>	
Revenues Over (Under) Expenditures	725,493	(6,561,902)	1,404,557	
Fund Balance, Beginning of Year	<u>28,026,645</u>	<u>28,752,138</u>	<u>22,190,236</u>	
Projected Fund Balance, End of Year	<u>\$ 28,752,138</u>	<u>\$ 22,190,236</u>	<u>\$ 23,594,793</u>	

Category	Road	Limits	Miles	Lane Miles	Improvement	Source of Funds			Project Total
						KCRC	Federal/State	Local	
Reconstruction									
Expansion/All-Season									
	100th St.	Hanna Lake Ave. to East Paris Ave.	1.0	2.0	All-Season	\$ 572,000	\$ 913,000		\$ 1,485,000
	68th St.	Plaster Creek to Hanna Lake Ave.	0.6	3.0	Widening 4 to 5 lanes	450,000	1,200,000		1,650,000
	Cascade Rd.	36th St. to Whitneyville Ave.	0.8	2.4	Widening 2 to 3 lanes	430,000	1,120,000		1,550,000
Full Depth Pavement									
	68th St.	Eastern Ave. to Kalamazoo Ave.	1.0	4.0	Resurface	254,000	731,000		985,000
	4 Mile Rd.	Coit Ave. to Plainfield Ave.	1.0	3.0	Resurface	195,000	450,000		645,000
	6 Mile Rd.	Alpine Ave. to Pine Island Dr.	1.8	3.6	Resurface	325,657	749,343		1,075,000
	Wolverine Blvd.	10 Mile Rd. to 11 Mile Rd.	1.0	4.0	Resurface	495,790	899,210		1,395,000
	Northland Dr.	11 Mile Rd. to 12 Mile Rd.	1.0	5.0	Resurface	335,000	630,000		965,000
	Northland Dr.	18 Mile Rd. to Ritchie Ave.	1.0	2.0	Resurface	360,000	930,000		1,290,000
	Crush & Shape	Various Locations	6.1	13.4	Resurface	1,500,000			1,500,000
	Mill & Fill	Various Locations	6.1	13.4	Resurface	1,500,000			1,500,000
Total Reconstruction			21.4	55.7		6,417,447	7,622,553	-	14,040,000
Resurfacing									
Overlays									
		Various Locations	5.3	11.6	Resurface	780,000			780,000
Total Resurfacing			5.3	11.6		780,000	-	-	780,000
Preservation									
Surface Treatments									
		Various Locations	39.0	85.8	Sealcoat and Micro Surface	2,500,000			2,500,000
Thin Overlays									
			7.0	15.4		500,000			500,000
Total Preservation			46.0	101.2		3,000,000	-	-	3,000,000
Safety									
Various Locations									
					Capacity / Safety Improvement	850,000			850,000
Total Safety						850,000	-	-	850,000
Bridges and Culverts									
Ada Bridge #5									
		Knapp St. over the Grand River			Preservation	81,000	399,000		480,000
Tyrone Bridge #21									
		18 Mile Rd. over the Rogue River			Rehabilitation	83,150	439,850		523,000
Spencer Bridge #22									
		Lincoln Lake Ave. - 300 ft. north of 18 Mile Rd			Rehabilitation	200,000			200,000
Preventive Maintenance									
		Various Locations				700,000			700,000
Total Bridges and Culverts						1,064,150	838,850	-	1,903,000
Total Primary Road Projects			72.6	168.5		\$ 12,111,597	\$ 8,461,403	\$ -	\$ 20,573,000

Note: Projects are subject to change.

Attachment B
Routine Maintenance**Primary**

Description	2020 Actual	2021 Amended Budget	2022 Budget
Adopt-a-Road Expenses	9,940	10,000	10,500
Crack sealing	37,154	35,000	36,750
Drainage And Backslopes	1,272,712	1,530,000	1,606,500
Grass And Weed Control	464,371	450,000	472,500
Guard Rail & Posts	82,765	80,000	84,000
Other routine maintenance	4,081	5,000	5,250
Restoration	48,573	50,000	52,500
Roadside Cleanup	76,164	75,000	78,750
Shoulder Maintenance	318,486	515,000	540,750
Spot Mill and Fill	-	-	-
Supervision	630,010	625,000	656,250
Surface Maintenance	1,603,027	1,860,000	1,953,000
Sweeping And Flushing	125,505	125,000	131,250
Trees And Shrubs	983,761	1,150,000	1,207,500
Weight Limit Signing	16,752	15,000	15,750
Total Primary	\$ 5,673,301	\$ 6,525,000	\$ 6,851,250

Local

Description	2020 Actual	2021 Amended Budget	2022 Budget
Adopt-a-Road Expenses	5,623	5,000	5,250
Crack sealing	61,305	60,000	63,000
Drainage And Backslopes	2,436,474	2,700,000	2,835,000
Dust Control	428,710	425,000	446,250
Grass And Weed Control	453,846	450,000	472,500
Guard Rail & Posts	43,850	40,000	42,000
Other routine maintenance	18,743	20,000	21,000
Restoration	177,812	175,000	183,750
Roadside Cleanup	37,607	35,000	36,750
Shoulder Maintenance	276,374	275,000	288,750
Supervision	822,849	800,000	840,000
Surface Maintenance	4,063,691	3,715,000	3,900,750
Sweeping And Flushing	9,544	10,000	10,500
Trees And Shrubs	2,213,113	2,450,000	2,572,500
Weight Limit Signing	14,738	15,000	15,750
Total Local	\$ 11,064,278	\$ 11,175,000	\$ 11,733,750

Attachment C
Capital Outlay

	<u>Unit Cost</u>	<u>2021 Budget</u>
Buildings		
Add road material bunkers at North (west bunkers)		\$ 225,000
Replace overhead doors at North		35,000
Upgrade lighting at North		30,000
Replace EPS fire monitoring system at South		7,500
Remove mechanic bay wall at Southwest		25,000
Replace parking lot LED lights at Southwest		30,000
Floor scrubber at Southwest		25,000
New Central Complex at Walkerview		5,000,000
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Total Buildings		\$ 5,377,500
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Plow Trucks		
Five Axle Truck		
1 Live bottom box	75,000	75,000
1 Underbody scraper	10,500	10,500
1 Hydraulics	10,000	10,000
1 Labor	40,000	40,000
Single Axle Trucks (2023)		
10 Dump box	27,000	270,000
10 Underbody scraper	10,500	105,000
10 Wing	7,000	70,000
10 Hydraulics	10,000	100,000
10 Labor to complete trucks	60,000	600,000
1 Hook loader attachment at South	60,000	60,000
Labor to complete Single Axle Trucks (2022)	30,000	300,000
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Total Plow Trucks		1,640,500
Heavy Equipment		
Replacements		
1 High Ranger	200,000	200,000
1 Loader	400,000	400,000
1 Fork attachment	8,000	8,000
1 Box plow attachment	15,000	15,000
1 Motorgrader	400,000	400,000
1 Roller attachment	45,000	45,000
1 Tractors	100,000	100,000
1 Side mower attachment	25,000	25,000
1 Rear mower attachment	10,000	10,000
1 Boom arm mower attachment	15,000	15,000
1 Rock hound	10,000	10,000
1 Skytrack / Tella-handler	80,000	80,000
1 Mini excavators	70,000	70,000
1 Track loader	106,000	106,000
1 Forestry head	37,000	37,000
1 Mill attachment	40,000	40,000
1 Pickup broom	6,000	6,000
1 Utility trailer	10,000	10,000
1 Tar distributor	200,000	200,000
1 Roller	60,000	60,000
1 Chipper	90,000	90,000
1 Push-off broom	75,000	75,000
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		2,002,000
Small Equipment		
Power Tools		20,000
Shop Tools		20,000
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Total Small Equipment		40,000
Work Trucks		
2 1 ton truck DRW, regular cab, dump	65,000	130,000
1 1 ton truck DRW, crew cab, flat bed	70,000	70,000
1 1 ton truck DRW, crew cab, dump, liftgate	75,000	75,000
1 1 ton truck SRW, ext. cab, 4x4, 6.5 box, plow	47,500	47,500
1 1/2 ton truck, ext. cab, 4x4 (road patrol)	40,000	40,000
2 1/2 ton truck, ext. cab, 4x2	30,000	60,000
2 1/2 ton truck, 4x4	40,000	80,000
2 Cars	26,000	52,000
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		554,500
Total Equipment		\$ 4,237,000
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Attachment D
Administration

	2020 Actual	2021 Amended Budget	2022 Budget
Advertising	\$ 16,449	\$ 20,000	\$ 20,000
Depreciation	52,723	60,000	55,000
Equipment Rental	37,613	40,000	50,000
Information Technology	160,916	161,817	250,000
Insurance	111,793	115,000	100,000
Personnel Costs	1,808,629	1,900,000	2,000,000
Professional Services	176,781	200,000	215,000
Repairs and Maintenance	117,442	120,000	100,000
Supplies	197,643	200,000	175,000
Training and Travel	17,553	20,000	15,000
Utilities	118,268	125,000	125,000
Handling Charges on Materials Sold	(83,766)	(95,000)	(100,000)
Purchase Discounts	(7,710)	(5,000)	(5,000)
Total Administration	\$ 2,724,336	\$ 2,861,817	\$ 3,000,000