

NOTICE: REMOTE PARTICIPATION FOR THE MARCH 2, 2021 TOWNSHIP BOARD SPECIAL MEETING HAS BEEN IMPLEMENTED THROUGH ZOOM DUE TO MICHIGAN DEPARTMENT OF HEALTH AND HUMAN SERVICES LIMITATIONS ON INDOOR PUBLIC GATHERINGS.

Zoom Instructions

Mar 2, 2021 06:00 PM – Budget Work Session

<https://zoom.us/j/98883434898?pwd=V3BreWY2eGgySkEzVkhkdHQ5UmZSZz09>

Enter Meeting ID: 988 8343 4898

Enter Passcode: 148521

To join by phone, call +1 646 558 8656 US

Enter Meeting ID: 988 8343 4898

Enter Passcode: 148521

Find your local number: <https://zoom.us/u/aenwCW0uAm>

Contact Information for Board Members:

Supervisor Ron Popp – 231-267-5141 x23 supervisor@whitewatertownship.org

Clerk Cheryl Goss – 231-267-5141 x24 clerk@whitewatertownship.org

Treasurer Ardella Benak – 231-267-5141 x22 treasurer@whitewatertownship.org

Trustee Paul Hubbell – 231-267-5141 trustee02@whitewatertownship.org

Trustee Heidi Vollmuth - 231-633-9468 heidivyourtrustee@gmail.com

Whitewater Township will provide necessary reasonable auxiliary aids and services to individuals with disabilities upon reasonable advance notice. Contact the township clerk at 231-267-5141 or the TDD at 800-649-3777.

WHITEWATER TOWNSHIP BOARD

Agenda for Special Meeting – March 2, 2021

6:00 p.m. at the Whitewater Township Hall and via Zoom

5777 Vinton Road, Williamsburg, MI 49690

Phone 231-267-5141/Fax 231-267-9020

A. Call to Order

B. Roll Call of Board Members

C. Set/Adjust Meeting Agenda

D. Declaration of Conflict of Interest

E. Public Comment

Any person shall be permitted to address a meeting of the township board. Public comment shall be carried out in accordance with following board rules and procedures:

1. Comments shall be directed to the board, with questions directed to the chair.
2. Any person wishing to address the board shall speak from the lectern and state his or her name and address.
3. Persons may address the board on matters that are relevant to township government issues.

4. No person shall be allowed to speak more than once on the same matter, excluding the time needed to answer board members' questions. The chair shall control the amount of time each person shall be allowed to speak, which shall not exceed five (5) minutes.
5. In order to avoid unscheduled debates, the board generally will not comment or respond to presenters. Silence or non-response from the board should not be interpreted as disinterest or disagreement by the board.

F. Agenda Items as Listed in Special Meeting Notice

1. Budget Work Session (all funds)

G. Board Comments/Discussion

H. Public Comment

I. Adjournment

BUDGET WORKSHEET

Rev thru 12/31 - Exp thru 1/19

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1/21/2021

12:35 PM

Whitewater Township

	Prior Year Actual	----- Original Budget	----- Amended Budget	----- Current Year Actual Thru January	----- Estimated Total	(6) Requested	(7) Recommended	(8) Adopted
Month: 1/31/2021								
Fund: 203 - ROAD FUND								
Revenues								
Dept: 000								
452 METRO Act Fees	8,747	8,000	8,000	9,654	0	9,000		
665 Interest Earned	44	5	5	32	0	30		
Dept: 000	8,791	8,005	8,005	9,686	0	9,030	0	0
Dept: 931 Transfers IN								
699 Transfers From Other Funds	10,000	5,000	5,000	0	0	5,000		
Transfers IN	10,000	5,000	5,000	0	0	14,030	0	0
Total Revenues	18,791	13,005	13,005	9,686	0	14,030	0	0
Expenditures								
Dept: 446 Road Right of Way								
846 Road Brining Service	11,084	18,000	18,000	16,839	0	20,000		
921 Street Lights	1,761	1,700	1,700	968	0	2,000		
Road Right of Way	12,845	19,700	19,700	17,807	0	22,000	0	0
Dept: 890 Contingency								
890 Contingency	0	0	0	0	0	0		
Contingency	0	0	0	0	0	22,000	0	0
Total Expenditures	12,845	19,700	19,700	17,807	0	22,000	0	0
Change in Balance			(7,970)			Fund Balance as of 12.31.2020		14,927

Rev thru 12/31 - Exp thru 1/19

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Month: 1/31/2021

Prior Year Actual	Current Year			Estimated Total	(6) Requested	(7) Recommended	(8) Adopted
	Original Budget	Amended Budget	Actual Thru January				
465	275	275	415	0	400		
50,000	50,000	50,000	0	0	100,000		
50,465	50,275	50,275	415	0	100,400		0
50,465	50,275	50,275	415	0	100,400		0
0	0	0	1,000	0	156,000		
0	0	0	1,000	0	156,000		0
0	0	0	-767	0	5,000		
0	0	0	-767	0	161,000		0
0	0	0	233	0	161,000		0
Change in Balance	(60,600)		Fund Balance as of 12.31.2020				266,346.00

Memo

To: Whitewater Township Board
From: Ron Popp, Supervisor
CC: None
Date: 02-10-2021
Re: 2021 Recommended Road Funding

All,

The following spreadsheet pages use data from Grand Traverse County Road Commission's 2019 Pavement Surface Evaluation and Rating (PASER) system Report released February 27, 2020. The full report is available by request.

Page three is a summary of the data helping to organize it for quick review. For those who want to dive a little deeper, the next four pages display specific details of all Township Roads. Page 8 provides cost per mile information along with cost sharing percentages currently allowed by the Road Commission. The last two pages are an image of the original opinion of probable cost for repairs to Skegemog Point Road. Please recall there are no work scope changes slated for the "first two miles" of the project so, the opinion can be used with a high degree of confidence for budgeting purposes. The Township may want to consider policy regarding its level of future funding for any such project.

For the 2021/2022 budget I am recommending the Board allow for up to a 25% cost share of repairs to the "first two miles" of Skegemog Point Road as detailed under scenario #1 in the October 8, 2020 Opinion of Probable Cost. This impacts the Township Budget at a little under \$110,000.00. Listening to community input, future construction work on the "last mile" will not meet current minimum Road Commission Asset Management Policy and no public funds have been set aside. If that changes, budgeting can be amended as needed.

Additionally, I recommend we fund the Road Commission's Asset Management Plan addressing the 5-year crack sealing and 10-year chip sealing maintenance schedule resulting in an estimated 2021 investment of almost \$46,000.00.

Total 2021/2022 proposed Road Repair and Replacement Fund expenditures are:
\$156,000.00

Thank you for your work.

A handwritten signature in black ink, appearing to read "Ron Popp", with a stylized flourish at the end.

Ron Popp

Supervisor, Whitewater Township

Whitewater Township 5 Year Road Maintenance and Replacement Planning Guide Summary						
Asphalt Roads		Annual Inflation Rate 3%				
	2020	2021	2022	2023	2024	2025
Total Asphalt Road Miles	25.987					
Average Paser Rating	3.811					
Total 5 Yr. Crack Sealing Costs	\$40,539.72	\$41,755.91	\$43,008.59	\$44,298.85	\$45,627.81	\$46,996.65
Total 10 Yr. Chip Sealing Costs	\$368,280.00	\$379,328.40	\$390,708.25	\$402,429.50	\$414,502.38	\$426,937.46
Annual Crack and Chip Sealing Costs	\$44,586.65	\$45,924.25	\$47,301.97	\$48,721.03	\$50,182.67	\$51,688.15
2020 Costs to Replace all Roads	\$7,369,057.44	\$7,590,129.16	\$7,817,833.04	\$8,052,368.03	\$8,293,939.07	\$8,542,757.24
Annual Road Replacement Amortization	\$245,635.25	\$253,004.31	\$260,594.43	\$268,412.27	\$276,464.64	\$284,758.57
Required Annual Road Fund Amounts	\$290,221.90	\$298,928.55	\$307,896.41	\$317,133.30	\$326,647.30	\$336,446.72
Annual Township Contribution to Road Replacement 25%	\$72,555.47	\$74,732.14	\$76,974.10	\$79,283.33	\$81,661.83	\$84,111.68
Annual Township Contribution to Road Maintenance 100%	\$44,586.65	\$45,924.25	\$47,301.97	\$48,721.03	\$50,182.67	\$51,688.15
Annual Alternate Funding Sources Amounts	\$173,079.77	\$178,272.17	\$183,620.33	\$189,128.94	\$194,802.81	\$200,646.89

Whitewater Township 5 Year Road Maintenance and Replacement Planning Guide Detail - Page 1														
State of Mich PRNo	Road Segment Name	From Desc To	Desc	Segment Length	Surf Sub Type	Eval Year	PASER Rating	Recommend Fix Type	Projected Maintenance Year	5 Yr Crack Sealing Costs	10 Yr Chip Sealing Costs	5Yr Crack Sealing and 10 yr Chip Sealing Costs Presented Annually	2021 Estimated Costs to Replace All Roads to PASER Rating of 9 or Above	30 Year Road Replacement Cost Presented Annually Without Inflation
1003505	Ayers Rd	Cram	Cook	0.412	Asphalt-Stand	2018	3	Crush & Shape		\$642.72	\$5,932.80	\$721.82	\$216,300.00	\$7,210.00
3280670	Bluff Trl	Elk Lake	Attribute C	0.126	Asphalt-Stand	2018	2	Crush & Shape		\$196.56	\$1,814.40	\$220.75	\$66,150.00	\$2,205.00
1003804	Carns Rd	Elk Lake	Topview Dr	0.448	Asphalt-Stand	2018	2	Crush & Shape		\$698.88	\$6,451.20	\$784.90	\$235,200.00	\$7,840.00
1003804	Carns Rd	Topview Dr	Clearview I	0.083	Asphalt-Stand	2018	2	Crush & Shape		\$129.48	\$1,195.20	\$145.42	\$43,575.00	\$1,452.50
1003804	Carns Rd	Clearview I	Trail End N	0.009	Asphalt-Stand	2018	2	Crush & Shape		\$14.04	\$129.60	\$15.77	\$4,725.00	\$157.50
994606	N Broomhe	Vinton	O Dell Rd	0.5	Asphalt-Stand	2018	3	Crush & Shape		\$780.00	\$7,200.00	\$876.00	\$262,500.00	\$8,750.00
994606	N Broomhe	O Dell Rd	Deal	0.498	Asphalt-Stand	2018	3	Crush & Shape		\$776.88	\$7,171.20	\$872.50	\$261,450.00	\$8,715.00
994606	N Broomhe	Deal	M 72	0.358	Asphalt-Stand	2018	3	Crush & Shape		\$558.48	\$5,155.20	\$627.22	\$187,950.00	\$6,265.00
1003503	Deal Rd	Broomhear	Broomhear	0.503	Asphalt-Stand	2018	6	Chip Seal		\$784.68	\$7,243.20	\$881.26	\$7,243.20	\$241.44
1003503	Deal Rd	Broomhear	Battle Cree	0.626	Asphalt-Stand	2018	6	Chip Seal		\$976.56	\$9,014.40	\$1,096.75	\$9,014.40	\$300.48
1003503	Deal Rd	Battle Cree	Mabel	0.117	Asphalt-Stand	2018	6	Chip Seal		\$182.52	\$1,684.80	\$204.98	\$1,684.80	\$56.16
1003503	Deal Rd	Mabel	Fairbanks C	0.245	Asphalt-Stand	2018	6	Chip Seal		\$382.20	\$3,528.00	\$429.24	\$3,528.00	\$117.60
1865919	Elk Lake Trl	Angell	Bluff	0.375	Asphalt-Stand	2018	2	Crush & Shape		\$585.00	\$5,400.00	\$657.00	\$196,875.00	\$6,562.50
1000302	Gay Rd	Elk Lake	Innis Ln	0.584	Asphalt-Stand	2018	2	Crush & Shape		\$911.04	\$8,409.60	\$1,023.17	\$306,600.00	\$10,220.00
1000302	Gay Rd	Innis Ln	Dead End c	0.056	Asphalt-Stand	2018	3	Crush & Shape		\$87.36	\$806.40	\$98.11	\$29,400.00	\$980.00
1004311	Island Lake	Supply	Terrace	0.22	Asphalt-Stand	2017	7	Chip Seal		\$343.20	\$3,168.00	\$385.44	\$3,168.00	\$105.60
3280012	Lackey Rd	Fairbanks C	Hanna Rd	0.135	Asphalt-Stand	2018	6	Chip Seal		\$210.60	\$1,944.00	\$236.52	\$1,944.00	\$64.80
3280012	Lackey Rd	Hanna Rd	[Undescrib	0.357	Asphalt-Stand	2018	6	Chip Seal		\$556.92	\$5,140.80	\$625.46	\$5,140.80	\$171.36
3280012	Lackey Rd	[Undescrib	Truax Lake	0.001	Asphalt-Stand	2006	6	Chip Seal		\$1.56	\$14.40	\$1.75	\$14.40	\$0.48
3280012	Lackey Rd	Truax Lake	Pickerd Ct	0.142	Asphalt-Stand	2018	5	Chip Seal		\$221.52	\$2,044.80	\$248.78	\$2,044.80	\$68.16
3280012	Lackey Rd	Pickerd Ct	Lackey	0.033	Asphalt-Stand	2018	5	Chip Seal		\$51.48	\$475.20	\$57.82	\$475.20	\$15.84
3280012	Lackey Rd	Pickerd Ct	Truax Lake	0.077	Asphalt-Stand	2018	5	Chip Seal		\$120.12	\$1,108.80	\$134.90	\$1,108.80	\$36.96
1003703	Mabel Rd	Deal	Watson	0.533	Asphalt-Stand	2018	6	Chip Seal		\$831.48	\$7,675.20	\$933.82	\$7,675.20	\$255.84
994603	Moore Rd	Crisp	M 72	0.49	Asphalt-Stand	2018	3	Crush & Shape		\$764.40	\$7,056.00	\$858.48	\$257,250.00	\$8,575.00
994603	Moore Rd	M 72	M 72	0.001	Asphalt-Stand	2011	3	Crush & Shape		\$1.56	\$14.40	\$1.75	\$525.00	\$17.50
994603	Moore Rd	M 72	Watson	0.027	Asphalt-Stand	2018	3	Crush & Shape		\$42.12	\$388.80	\$47.30	\$14,175.00	\$472.50
3281419	Pickerd Ct	Lackey Rd	Dead End c	0.168	Asphalt-Stand	2018	7	Chip Seal		\$262.08	\$2,419.20	\$294.34	\$2,419.20	\$80.64
994701	Skegemog	Watson	M 72	0.424	Asphalt-Stand	2018	7	Chip Seal		\$661.44	\$6,105.60	\$742.85	\$6,105.60	\$203.52
994605	Vinton Rd	M 72	Watson	0.129	Asphalt-Stand	2017	2	Crush & Shape		\$201.24	\$1,857.60	\$226.01	\$67,725.00	\$2,257.50

Whitewater Township 5 Year Road Maintenance and Replacement Planning Guide Detail - Page 2

State of Mich PRNo	Road Segment Name	From Desc To	Desc	Segment Length	Surf Sub Type	Eval Year	PASER Rating	Recommend Fix Type	Projected Maintenance Year	5 Yr Crack Sealing Costs	10 Yr Chip Sealing Costs	5Yr Crack Sealing and 10 yr Chip Sealing Costs Presented Annually	2021 Estimated Costs to Replace All Roads to PASER Rating of 9 or Above	0 Year Road Replacement Cost Presented Annually Without Inflation
994602	Old M72	M 72	Matterhorn	0.232	Asphalt-Standard	2018	5	Chip Seal		\$361.92	\$3,340.80	\$406.46	\$3,340.80	\$111.36
994602	Old M72	Matterhorn	Moore Rd	0.035	Asphalt-Standard	2018	3	Crush & Shape		\$54.60	\$504.00	\$61.32	\$18,375.00	\$612.50
994602	Old M72	Moore Rd	Tuscola	0.156	Asphalt-Standard	2018	4	Wedge & Cap		\$243.36	\$2,246.40	\$273.31	\$7,425.60	\$247.52
994602	Old M72	Tuscola	Elk Lake	0.315	Asphalt-Standard	2018	4	Wedge & Cap		\$491.40	\$4,536.00	\$551.88	\$14,994.00	\$499.80
994602	Old M72	Elk Lake	Vinton Rd	0.252	Asphalt-Standard	2018	3	Crush & Shape		\$393.12	\$3,628.80	\$441.50	\$132,300.00	\$4,410.00
994602	Old M72	Vinton Rd		0.447	Asphalt-Standard	2018	3	Crush & Shape		\$697.32	\$6,436.80	\$783.14	\$234,675.00	\$7,822.50
994602	Old M72		Cook	0.295	Asphalt-Standard	2018	4	Wedge & Cap		\$460.20	\$4,248.00	\$516.84	\$14,042.00	\$468.07
994602	Old M72	Cook		0.236	Asphalt-Standard	2018	5	Chip Seal		\$368.16	\$3,398.40	\$413.47	\$3,398.40	\$113.28
994602	Old M72		M 72	0.275	Asphalt-Standard	2018	3	Crush & Shape		\$429.00	\$3,960.00	\$481.80	\$144,375.00	\$4,812.50
994609	Watson Rd	M 72	Mabel	0.476	Asphalt-Standard	2018	5	Chip Seal		\$742.56	\$6,854.40	\$833.95	\$6,854.40	\$228.48
994609	Watson Rd	Mabel	Skegemog	0.25	Asphalt-Standard	2018	3	Crush & Shape		\$390.00	\$3,600.00	\$438.00	\$131,250.00	\$4,375.00
994409	Angell Rd	Elk Lake	Elk Lake Trl	0.594	Sealcoat-Standard	2018	5	Chip Seal		\$926.64	\$8,553.60	\$1,040.69	\$8,553.60	\$285.12
994409	Angell Rd	Elk Lake Trl	Elk Lake	0.03	Sealcoat-Standard	2018	4	Wedge & Cap		\$46.80	\$432.00	\$52.56	\$1,428.00	\$47.60
994409	Angell Rd	Elk Lake Trl	Dead End c	0.046	Sealcoat-Standard	2018	4	Wedge & Cap		\$71.76	\$662.40	\$80.59	\$2,189.60	\$72.99
1000209	Applewooc	Hollyberry	Pineneedle	0.115	Sealcoat-Standard	2018	4	Wedge & Cap		\$179.40	\$1,656.00	\$201.48	\$5,474.00	\$182.47
1000209	Applewooc	Pineneedle	Raintree	0.137	Sealcoat-Standard	2018	4	Wedge & Cap		\$213.72	\$1,972.80	\$240.02	\$6,521.20	\$217.37
994401	Hawley Rd	City/Twp Li	Elk Lake	0.781	Sealcoat-Standard	2018	5	Chip Seal		\$1,218.36	\$11,246.40	\$1,368.31	\$11,246.40	\$374.88
1000207	Briarwood	Cook	Elk View	0.08	Sealcoat-Standard	2018	3	Crush & Shape		\$124.80	\$1,152.00	\$140.16	\$42,000.00	\$1,400.00
3280715	Church St	Williamsbu	Vinton	0.248	Sealcoat-Standard	2018	3	Crush & Shape		\$386.88	\$3,571.20	\$434.50	\$130,200.00	\$4,340.00
1865807	Clearview I	Trail End N	Hillendale I	0.229	Sealcoat-Standard	2018	4	Wedge & Cap		\$357.24	\$3,297.60	\$401.21	\$10,900.40	\$363.35
1865807	Clearview I	Hillendale I	Dead End c	0.025	Sealcoat-Standard	2018	4	Wedge & Cap		\$39.00	\$360.00	\$43.80	\$1,190.00	\$39.67
994606	Cook Rd	M 72	Watson	0.18	Sealcoat-Standard	2018	2	Crush & Shape		\$280.80	\$2,592.00	\$315.36	\$94,500.00	\$3,150.00
994606	Cook Rd	Watson	Briarwood	0.304	Sealcoat-Standard	2018	2	Crush & Shape		\$474.24	\$4,377.60	\$532.61	\$159,600.00	\$5,320.00
994606	Cook Rd	Briarwood	Ayers	1.196	Sealcoat-Standard	2018	3	Crush & Shape		\$1,865.76	\$17,222.40	\$2,095.39	\$627,900.00	\$20,930.00
994606	Cook Rd	Ayers	Miami Beach	0.109	Sealcoat-Standard	2018	3	Crush & Shape		\$170.04	\$1,569.60	\$190.97	\$57,225.00	\$1,907.50
994606	Cook Rd	Miami Beach	Timber	0.143	Sealcoat-Standard	2018	3	Crush & Shape		\$223.08	\$2,059.20	\$250.54	\$75,075.00	\$2,502.50
1003506	Cram Rd	Elk Lake	Williamsbu	0.766	Sealcoat-Standard	2018	3	Crush & Shape		\$1,194.96	\$11,030.40	\$1,342.03	\$402,150.00	\$13,405.00

Whitewater Township 5 Year Road Maintenance and Replacement Planning Guide Detail - Page 3

State of Mich PRNo	Road Segment Name	From Desc To Desc	Segment Length	Surf Sub Type	Eval Year	PASER Rating	Recommend Fix Type	Projected Maintenance Year	5 Yr Crack Sealing Costs	10 Yr Chip Sealing Costs	5Yr Crack Sealing and 10 yr Chip Sealing Costs Presented Annually	2021 Estimated Costs to Replace All Roads to PASER Rating of 9 or Above	0 Year Road Replacement Cost Presented Annually Without Inflation
1003506	Cram Rd	Williamsbu Ayers	0.598	Sealcoat-Stanc	2018	4	Wedge & Cap		\$932.88	\$8,611.20	\$1,047.70	\$28,464.80	\$948.83
1003506	Cram Rd	Ayers Okaiyoka	0.503	Sealcoat-Stanc	2018	4	Wedge & Cap		\$784.68	\$7,243.20	\$881.26	\$23,942.80	\$798.09
1003506	Cram Rd	Okaiyoka Palaestrum	0.246	Sealcoat-Stanc	2018	5	Chip Seal		\$383.76	\$3,542.40	\$430.99	\$3,542.40	\$118.08
1000205	Elk View Dr	Hollyberry Briarwood	0.135	Sealcoat-Stanc	2018	4	Wedge & Cap		\$210.60	\$1,944.00	\$236.52	\$6,426.00	\$214.20
1000205	Elk View Dr	Briarwood Raintree	0.152	Sealcoat-Stanc	2018	4	Wedge & Cap		\$237.12	\$2,188.80	\$266.30	\$7,235.20	\$241.17
1000205	Elk View Dr	Raintree Dead End c	0.045	Sealcoat-Stanc	2018	3	Crush & Shape		\$70.20	\$648.00	\$78.84	\$23,625.00	\$787.50
1865815	Hillendale I	Clearview Topview Dr	0.069	Sealcoat-Stanc	2018	3	Crush & Shape		\$107.64	\$993.60	\$120.89	\$36,225.00	\$1,207.50
1865815	Hillendale I	Topview Dr Dead End c	0.042	Sealcoat-Stanc	2018	4	Wedge & Cap		\$65.52	\$604.80	\$73.58	\$1,999.20	\$66.64
1000206	Hollyberry	Elk View Applewooc	0.108	Sealcoat-Stanc	2018	4	Wedge & Cap		\$168.48	\$1,555.20	\$189.22	\$5,140.80	\$171.36
1000311	Innis Ln	Gay Dead End c	0.284	Sealcoat-Stanc	2018	2	Crush & Shape		\$443.04	\$4,089.60	\$497.57	\$149,100.00	\$4,970.00
1003708	Lake Side T	Baggs	0.274	Sealcoat-Stanc	2018	9	Crack Seal		\$427.44	\$3,945.60	\$480.05	\$427.44	\$14.25
1000303	Munro Rd	Angell	0.632	Sealcoat-Stanc	2018	3	Crush & Shape		\$985.92	\$9,100.80	\$1,107.26	\$331,800.00	\$11,060.00
1000303	Munro Rd	Gay Rd	0.369	Sealcoat-Stanc	2018	2	Crush & Shape		\$575.64	\$5,313.60	\$646.49	\$193,725.00	\$6,457.50
1000303	Munro Rd	Gay Rd Townline	0.987	Sealcoat-Stanc	2018	2	Crush & Shape		\$1,539.72	\$14,212.80	\$1,729.22	\$518,175.00	\$17,272.50
1003508	Palaestrum	Elk Lake Winnie Ln	0.456	Sealcoat-Stanc	2018	6	Chip Seal		\$711.36	\$6,566.40	\$798.91	\$6,566.40	\$218.88
1003508	Palaestrum	Winnie Ln Cram	0.134	Sealcoat-Stanc	2018	5	Chip Seal		\$209.04	\$1,929.60	\$234.77	\$1,929.60	\$64.32
1000210	Pineneedle	Applewooc Dead End c	0.212	Sealcoat-Stanc	2018	3	Crush & Shape		\$330.72	\$3,052.80	\$371.42	\$111,300.00	\$3,710.00
1000208	Raintree Dr	Elk View Applewooc	0.061	Sealcoat-Stanc	2018	3	Crush & Shape		\$95.16	\$878.40	\$106.87	\$32,025.00	\$1,067.50
994701	Skegemog	M 72 Lossie	0.561	Sealcoat-Stanc	2018	5	Chip Seal		\$875.16	\$8,078.40	\$982.87	\$8,078.40	\$269.28
994701	Skegemog	Lossie Kardes Rd	1.255	Sealcoat-Stanc	2018	4	Wedge & Cap		\$1,957.80	\$18,072.00	\$2,198.76	\$59,738.00	\$1,991.27
994701	Skegemog	Kardes Rd Shadow	0.29	Sealcoat-Stanc	2018	4	Wedge & Cap		\$452.40	\$4,176.00	\$508.08	\$13,804.00	\$460.13
994701	Skegemog	Shadow	0.4	Sealcoat-Stanc	2018	3	Crush & Shape		\$624.00	\$5,760.00	\$700.80	\$210,000.00	\$7,000.00
994701	Skegemog	Point Rd Kings Rd	0.21	Sealcoat-Stanc	2018	2	Crush & Shape		\$327.60	\$3,024.00	\$367.92	\$110,250.00	\$3,675.00
994701	Skegemog	Kings Rd Fairview	0.036	Sealcoat-Stanc	2018	2	Crush & Shape		\$56.16	\$518.40	\$63.07	\$18,900.00	\$630.00
994701	Skegemog	Fairview Fairview	0.173	Sealcoat-Stanc	2018	3	Crush & Shape		\$269.88	\$2,491.20	\$303.10	\$90,825.00	\$3,027.50
994701	Skegemog	Fairview Dead End c	0.085	Sealcoat-Stanc	2018	2	Crush & Shape		\$132.60	\$1,224.00	\$148.92	\$44,625.00	\$1,487.50

Whitewater Township 5 Year Road Maintenance and Replacement Planning Guide Detail - Page 4														
State of Mich PRNo	Road Segment Name	From Desc To Desc	Segment Length	Surf Sub Type	Eval Year	PASER Rating	Recommend Fix Type	Projected Maintenance Year	5 Yr Crack Sealing Costs	10 Yr Chip Sealing Costs	5Yr Crack Sealing and 10 yr Chip Sealing Costs Presented Annually	2021 Estimated Costs to Replace All Roads to PASER Rating of 9 or Above	0 Year Road Replacement Cost Presented Annually Without Inflation	
1865806	Topview Dr	Carns	Hillendale	0.216	Sealcoat-Stanc	2018	4 Wedge & Cap		\$336.96	\$3,110.40	\$378.43	\$10,281.60	\$342.72	
1108407	Townline R	City/Twp Li	Munro	0.365	Sealcoat-Stanc	2016	6 Chip Seal		\$569.40	\$5,256.00	\$639.48	\$5,256.00	\$175.20	
1108407	Townline R	Munro	Elk Lake	0.5	Sealcoat-Stanc	2018	3 Crush & Shape		\$780.00	\$7,200.00	\$876.00	\$262,500.00	\$8,750.00	
994605	Vinton Rd	O Dell		0.328	Sealcoat-Stanc	2018	3 Crush & Shape		\$511.68	\$4,723.20	\$574.66	\$172,200.00	\$5,740.00	
994605	Vinton Rd			0.241	Sealcoat-Stanc	2018	3 Crush & Shape		\$375.96	\$3,470.40	\$422.23	\$126,525.00	\$4,217.50	
994605	Vinton Rd		Whitney	0.144	Sealcoat-Stanc	2018	3 Crush & Shape		\$224.64	\$2,073.60	\$252.29	\$75,600.00	\$2,520.00	
994605	Vinton Rd	Whitney	Church	0.086	Sealcoat-Stanc	2018	3 Crush & Shape		\$134.16	\$1,238.40	\$150.67	\$45,150.00	\$1,505.00	
994605	Vinton Rd	Church	M 72	0.161	Sealcoat-Stanc	2018	3 Crush & Shape		\$251.16	\$2,318.40	\$282.07	\$84,525.00	\$2,817.50	
Total Miles				25.987										
Average Paser Rating						3.811								
Total 5 Yr. Crack Sealing Costs									\$40,539.72					
Total 10 Yr. Chip Sealing Costs										\$368,280.00				
Annual Crack and Chip Sealing Costs											\$44,586.65			
2020 Costs to Replace all Roads												\$7,369,057.44		
Annual Road Replacement Amortization													\$245,635.25	
Recommend Annual Road Fund Amounts												\$290,221.90		

Whitewater Township 5 year Road Maintenance and Replacement planning Guide Mix of Fix 2020 Cost Sheet							
Fix Type	2020 Cost Per Mile	Township Split	Road Commission Split	Township Portion	Road Commission Portion	Years	Annual Inflation Rate
Crack Sealing	\$3,900.00	40%	60%	\$1,560.00	\$2,340.00		
Chip Sealing	\$36,000.00	40%	60%	\$14,400.00	\$21,600.00		
Wedge & Cap	\$119,000.00	40%	60%	\$47,600.00	\$71,400.00		
Crush & Shape	\$750,000.00	70%	30%	\$525,000.00	\$225,000.00		
Duration						30	
Inflation Rate							3%



"Our mission is to upgrade and maintain
a safe and efficient road system"

Date: October 8th, 2020
To: Ron Popp
Supervisor, Whitewater Township
From: Rob Sullivan
Project Engineer, Grand Traverse County Road Commission
Re: Skegemog Point Road
Opinion of Probable Construction Cost

Per your request, please find the attached cost estimates for Skegemog Point Road. The proposed project commences at M-72 and terminates at the road's northern end.

The first 1.54 miles north of M-72 would consist of a chip and fog seal supported by HMA wedging. **Scenario 1** incorporates 3' asphalt shoulders and HMA valley curb throughout. **Scenario 2** omits shoulder widening and valley curb. Both scenarios and their estimated costs are summarized in *Table 1: Chip Seal*.

The remaining 1.38 miles of existing roadway would be pulverized, recycled in-place, and overlaid with 3.5" of asphalt. The proposed cross section of the crush and shape is summarized in *Table 2: Crush & Shape*. The 380' dead end/lake access road would be overlaid with 2" of HMA. The lake access road can be crushed and widened for an additional ~\$20,000.

Table 1: Chip Seal

Scenario		(USD)
Scenario 1	Wedge, Chip, and Fog Seal w/HMA Shoulders & Curb:	434,462
	GTCRC Cost Sharing (60%):	(260,677)
	<i>Subtotal:</i>	<i>173,785</i>
	Crush & Shape:	726,822
	GTCRC Cost Sharing (30%):	(218,047)
	<i>Subtotal:</i>	<i>508,775</i>
	<u><i>Project Subtotal:</i></u>	<u><i>682,560</i></u>
	5% Design and Construction Services:	34,128
	10% Contingency:	71,669
	TOTAL ESTIMATED COST:	788,357
Scenario 2	Wedge, Chip, and Fog Seal:	240,819
	GTCRC Cost Sharing (60%):	(144,491)
	<i>Subtotal:</i>	<i>96,328</i>
	Crush & Shape:	726,822
	GTCRC Cost Sharing (30%):	(218,047)
	<i>Subtotal:</i>	<i>508,775</i>
	<u><i>Project Subtotal:</i></u>	<u><i>605,103</i></u>
	5% Design and Construction Services:	30,255
	10% Contingency:	63,536
	TOTAL ESTIMATED COST:	698,894

Table 2: Crush & Shape

Crush & Shape Cross Section	Feet
Length of Section:	7,289
Existing HMA Width:	19-20
Proposed HMA Lane Width:	11
Proposed HMA Shoulder Width:	5
Proposed HMA Curb Width:	1.5
Proposed HMA Corridor Width:	32-35
Proposed Gravel Shoulder Width:	1

The attached estimate was created using the MERL (Michigan Engineers' Resource Library) estimating system. A 10% cost of construction was used for a contingency. A 5% cost of construction was used as a preliminary number for design and construction engineering. Please note the attached Opinion of Probable Cost is subject to the following conditions:

- The attached costs are based on preliminary information. The actual site conditions may result in variation of the unit prices or items. It was assumed the material beneath the existing roadway can be reused as subbase.
- Actual construction bids may vary significantly from the attached Opinion of Probable Construction Cost due to timing of construction, changed conditions, labor rate changes, or other factors beyond the control of the Grand Traverse County Road Commission
- This estimate assumes all work is completed in one year as a complete project. Options exist for completion in phases over multiple years.

We appreciate the continued communication and look forward to working with you in the future. Please feel free to contact me anytime.



Rob Sullivan
Project Engineer
Grand Traverse County Road Commission
1881 LaFranier Road Traverse City MI 49696
231-922-4848, ext 210
rsullivan@gtrc.org

BUDGET WORKSHEET

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Whitewater Township

	Prior Year Actual	----- Original Budget	Current Year ----- Amended Budget	Actual Thru January	Estimated Total	(6) Requested	(7) Recommended	(8) Adopted
Month: 1/31/2021								
Fund: 210 - AMBULANCE FUND								
Revenues								
Dept: 000								
402 Property Taxes	317,224	317,000	317,000	47,121	0	353,664		
445 Penalties & Interest	0	0	0	0	0	0		
590 Grants-Private Sources	0	0	0	0	0	0		
626 Fees Charged	0	0	0	0	0	0		
665 Interest Earned	573	100	100	444	0	400		
667 Facility Rent	7,800	7,200	7,200	5,400	0	7,200		
671 Other Revenues	0	0	0	0	0	0		
673 Sale of Fixed Assets	3,710	0	0	0	0	0		
675 Contributions	0	0	0	0	0	0		
687 Refunds	0	0	0	0	0	0		
699 Transfers From Other Funds	65,000	65,000	77,500	12,500	0	0		
Dept: 000	394,307	389,300	401,800	65,465	0	361,264	0	0
Total Revenues	394,307	389,300	401,800	65,465	0	361,264	0	0
Expenditures								
Dept: 651 Ambulance								
702 Salaries	0	0	0	0	0	0		
703 Wages	0	0	0	0	0	0		
704 Wages (Officers)	0	0	0	0	0	0		
705 Training Wages	0	0	0	0	0	0		
708 Duty Crew Wages	0	0	0	0	0	0		
709 On Call Wages	0	0	0	0	0	0		
715 Social Security (Employer)	0	0	0	0	0	0		
716 Medicare (Employer)	0	0	0	0	0	0		
721 Loss of Wage	0	0	0	0	0	0		
727 Office Supplies & Expense	0	0	0	0	0	0		
728 Postage	0	0	0	0	0	0		

729 Licenses & Fees	0	0	0	0	0	<u>0</u>		
739 Fuel & Oil	0	0	0	0	0	<u>0</u>		
740 Operating Expense & Supplies	0	0	0	0	0	<u>0</u>		
746 Medical Supplies	0	0	0	0	0	<u>0</u>		
747 Uniforms	0	0	0	0	0	<u>0</u>		
801 Legal Services	0	0	0	0	0	<u>0</u>		
803 Medical Professional Services	0	0	0	0	0	<u>0</u>		
806 Contractual Services - MMR	295,000	295,000	295,000	295,000	0	<u>295,000</u>		
809 Lawn Maintenance Services	227	800	800	0	0	<u>800</u>		
810 Janitorial Services	3,325	600	600	0	0	<u>600</u>		
Fund: 210 - AMBULANCE FUND								
Expenditures								
Dept: 651 Ambulance								
811 Waste Removal Services	96	125	125	81	0	<u>125</u>		
812 Septic Services	0	0	0	0	0	<u>2,000</u>		
813 Billing Services	0	0	0	0	0	<u>0</u>		
823 State Unemployment	0	0	0	0	0	<u>0</u>		
830 Pension Plan	0	0	0	0	0	<u>0</u>		
840 Dues and Memberships	0	0	0	0	0	<u>0</u>		
845 Snowplowing Services	708	1,500	1,500	100	0	<u>1,500</u>		
855 Community Education	0	0	0	0	0	<u>0</u>		
860 Mileage Reimbursement	0	0	0	0	0	<u>0</u>		
865 Meal/Lodging Expense	0	0	0	0	0	<u>0</u>		
880 Education & Training	0	0	0	0	0	<u>0</u>		
901 Publishing	0	0	0	0	0	<u>0</u>		
902 Printing	0	0	0	0	0	<u>0</u>		
920 Natural Gas	720	1,000	1,000	351	0	<u>1,000</u>		
922 Electricity	3,425	4,000	4,000	2,398	0	<u>4,000</u>		
924 Telephone	0	0	0	0	0	<u>0</u>		
925 Cellular Phone	0	0	0	0	0	<u>0</u>		
927 Pager	0	0	0	0	0	<u>0</u>		
928 Water	383	500	500	349	0	<u>500</u>		
930 Facility Repairs/Maintenance	9,071	10,750	10,750	0	0	<u>7,000</u>		
942 Building Rental	0	0	0	0	0	<u>0</u>		
956 Miscellaneous Expense	0	0	0	0	0	<u>0</u>		

964 Refunds	0	0	0	0	0	<u>0</u>		
970 Capital Expenditure	3,901	51,000	63,500	61,303	0	<u>0</u>		
Ambulance	<u>316,856</u>	<u>365,275</u>	<u>377,775</u>	<u>359,582</u>	0	312,525	0	0
Dept: 862 Soc Sec/Medicare (Employer)								
715 Social Security (Employer)	0	0	0	0	0	<u>0</u>		
716 Medicare (Employer)	0	0	0	0	0	<u>0</u>		
Soc Sec/Medicare (Employer)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	0	0	0
Dept: 890 Contingency								
890 Contingency	0	2,500	2,500	0	0	<u>5,000</u>		
Contingency	<u>0</u>	<u>2,500</u>	<u>2,500</u>	<u>0</u>	0	5,000	0	0
Total Expenditures	<u>316,856</u>	<u>367,775</u>	<u>380,275</u>	<u>359,582</u>	0	317,525	0	0
Change in Fund Balance				43,739		Fund Balance As of 12.31.2021	179,428	

BUDGET WORKSHEET

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Whitewater Township

	Prior Year Actual	Original Budget	Amended Budget	Current Year Actual Thru January	Estimated Total	(6) Requested	(7) Recommended	(8) Adopted
Month: 1/31/2021								
Fund: 401 - PUBLIC IMPROVEMENT FUND								
Revenues								
Dept: 000								
566 State Grants	0	0	0	0	0	0		
590 Grants-Private Sources	0	0	0	0	0	0		
665 Interest Earned	59	27	27	78	0	0		
671 Other Revenues	0	0	0	0	0	0		
695 Proceeds from Loan	0	0	0	0	0	0		
699 Transfers From Other Funds	50,000	50,000	50,000	0	0	0		
Dept: 000	50,059	50,027	50,027	78	0	0	0	0
Total Revenues	50,059	50,027	50,027	78	0	0	0	0
Expenditures								
Dept: 000								
804 Professional Services	0	10,000	10,000	0	0	10,000		
816 Co Road Comm Services	0	0	0	0	0	0		
970 Capital Expenditure	0	0	0	0	0	0		
Dept: 000	0	10,000	10,000	0	0	10,000	0	0
Dept: 966 Transfers Out								
999 Transfers To Other Funds	0	0	0	0	0	0		
Transfers Out	0	0	0	0	0	0	0	0
Total Expenditures	0	10,000	10,000	0	0	10,000	0	0

Change in Fund Balance

(10,000)

Fund Balance as of 12.31.2021

50,364

BUDGET WORKSHEET
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Whitewater Township

	Prior Year Actual	----- Original Budget	----- Amended Budget	----- Current Year Actual Thru January	----- Estimated Total	(6) Requested	(7) Recommended	(8) Adopted
Month: 1/31/2021								
Fund: 406 - FIRE CAPITAL IMPROVEMENT FUND								
Revenues								
Dept: 000								
590 Grants-Private Sources	15,161	0	0	0	0	0		
665 Interest Earned	684	200	200	198	0	200		
671 Other Revenues	0	0	0	12,500	0	0		
699 Transfers From Other Funds	223,351	10,000	22,500	12,500	0	45,000		
Dept: 000	239,196	10,200	22,700	25,198	0	45,200	0	0
Total Revenues	239,196	10,200	22,700	25,198	0	45,200	0	0
Expenditures								
Dept: 000								
703 Wages	0	0	0	0	0	0		
715 Social Security (Employer)	0	0	0	0	0	0		
716 Medicare (Employer)	0	0	0	0	0	0		
740 Operating Expense & Supplies	0	0	0	0	0	0		
804 Professional Services	0	0	0	0	0	0		
860 Mileage Reimbursement	0	0	0	0	0	0		
970 Capital Expenditure Replacement Chiefs Vehicle	197,928	233,000	245,500	241,601	0	45,000		
Dept: 000	197,928	233,000	245,500	241,601	0	45,000	0	0
Dept: 862 Soc Sec/Medicare (Employer)								
715 Social Security (Employer)	0	0	0	0	0	0		
716 Medicare (Employer)	0	0	0	0	0	0		
Soc Sec/Medicare (Employer)	0	0	0	0	0	0	0	0
Dept: 890 Contingency								
890 Contingency	0	0	0	0	0	0		
Contingency	0	0	0	0	0	0	0	0
Dept: 908 Debt Service/Fire Capital Imp								
991 Debt Service Principal	0	0	0	0	0	0		
997 Debt Service Interest	0	0	0	0	0	0		

Debt Service/Fire Capital Imp	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Expenditures	<u>197,928</u>	<u>233,000</u>	<u>245,500</u>	<u>241,601</u>	<u>0</u>	<u>45,000</u>	<u>0</u>

Change in Fund Balance

200

Fund Balance as of 12.31.2021

17,592

BUDGET WORKSHEET

Marihuana Account

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Whitewater Township

Month:	Prior Year Actual	----- Current Year -----				(6)	(7)	(8)
		Original Budget	Amended Budget	Actual Thru January	Estimated Total	Requested	Recommended	Adopted
Fund: 308 - MARIHUANA FUND								
Revenues								
Dept: 000								
402 Property Taxes	0	0	0	0	0	123,456	123,456	123,456
445 Penalties & Interest	0	0	0	0	0			
447 Property Tax Admin Fees	0	0	0	0	0			
448 Collection Fees	0	0	0	0	0			
451 Franchise Fees	0	0	0	0	0			
476 Licenses & Permits	0	0	0	0	0			
566 State Grants	0	0	0	0	0			
573 Local Community Stabilization	0	0	0	0	0			
574 State-Shared Revenues	0	0	0	0	0			
575 Swamp Taxes/Comm Forest Distri	0	0	0	0	0			
590 Grants-Private Sources	0	0	0	0	0			
607 Service Fees	0	0	0	0	0			
608 Interment Fees	0	0	0	0	0			
633 Election Reimbursement	0	0	0	0	0			
642 Sale of Cemetery Lots	0	0	0	0	0			
643 Miscellaneous Sales	0	0	0	0	0			
665 Interest Earned	0	0	0	0	0			
668 Oil & Gas Lease	0	0	0	0	0			
670 Cell Tower Lease	0	0	0	0	0			
671 Other Revenues	0	0	0	0	0			
673 Sale of Fixed Assets	0	0	0	0	0			
678 Gypsy Moth Assessment	0	0	0	0	0			
687 Refunds	0	0	0	0	0			
699 Transfers From Other Funds	0	0	0	0	0			
Dept: 000	0	0	0	0	0	0	0	0
Total Revenues	0	0	0	0	0	0	0	0

Expenditures
Dept: 309 MARIHUANA FUND

702 Salaries	0	0	0	0	0	<div></div>	<div></div>	<div></div>
703 Wages	0	0	0	0	0	<div></div>	<div></div>	<div></div>
715 Social Security (Employer)	0	0	0	0	0	<div></div>	<div></div>	<div></div>
716 Medicare (Employer)	0	0	0	0	0	<div></div>	<div></div>	<div></div>
727 Office Supplies & Expense	0	0	0	0	0	<div></div>	<div></div>	<div></div>
728 Postage	0	0	0	0	0	<div></div>	<div></div>	<div></div>
801 Legal Services	0	0	0	0	0	<div></div>	<div></div>	<div></div>
802 Audit & Accounting Services	0	0	0	0	0	<div></div>	<div></div>	<div></div>
804 Professional Services	0	0	0	0	0	<div></div>	<div></div>	<div></div>
807 Assessing Services	0	0	0	0	0	<div></div>	<div></div>	<div></div>
809 Lawn Maintenance Services	0	0	0	0	0	<div></div>	<div></div>	<div></div>
810 Janitorial Services	0	0	0	0	0	<div></div>	<div></div>	<div></div>
811 Waste Removal Services	0	0	0	0	0	<div></div>	<div></div>	<div></div>
817 Clean Up Day Services	0	0	0	0	0	<div></div>	<div></div>	<div></div>
830 Pension Plan	0	0	0	0	0	<div></div>	<div></div>	<div></div>
840 Dues and Memberships	0	0	0	0	0	<div></div>	<div></div>	<div></div>
845 Snowplowing Services	0	0	0	0	0	<div></div>	<div></div>	<div></div>
847 Software Support	0	0	0	0	0	<div></div>	<div></div>	<div></div>
851 Internet/Website	0	0	0	0	0	<div></div>	<div></div>	<div></div>
852 Promotional Expenses	0	0	0	0	0	<div></div>	<div></div>	<div></div>
853 Finance Charges	0	0	0	0	0	<div></div>	<div></div>	<div></div>
854 Late Fees	0	0	0	0	0	<div></div>	<div></div>	<div></div>
860 Mileage Reimbursement	0	0	0	0	0	<div></div>	<div></div>	<div></div>
865 Meal/Lodging Expense	0	0	0	0	0	<div></div>	<div></div>	<div></div>
880 Education & Training	0	0	0	0	0	<div></div>	<div></div>	<div></div>
901 Publishing	0	0	0	0	0	<div></div>	<div></div>	<div></div>
902 Printing	0	0	0	0	0	<div></div>	<div></div>	<div></div>
903 Township Newsletter Expense	0	0	0	0	0	<div></div>	<div></div>	<div></div>
922 Electricity	0	0	0	0	0	<div></div>	<div></div>	<div></div>
923 Electric Heat	0	0	0	0	0	<div></div>	<div></div>	<div></div>
924 Telephone	0	0	0	0	0	<div></div>	<div></div>	<div></div>
930 Facility Repairs/Maintenance	0	0	0	0	0	<div></div>	<div></div>	<div></div>

931 Office Equipment Repairs/Maint	0	0	0	0	0			
940 Equipment Rental	0	0	0	0	0			
941 Postage Meter Rental/Fees	0	0	0	0	0			
955 Grand Vision	0	0	0	0	0			
956 Miscellaneous Expense	0	0	0	0	0			
957 Boardman River Project	0	0	0	0	0			
958 Gypsy Moth Program	0	0	0	0	0			
959 Scrap Tire Expense	0	0	0	0	0			
964 Refunds	0	0	0	0	0			
970 Capital Expenditure	0	0	0	0	0			
971 Land	0	0	0	0	0			
999 Transfers To Other Funds	0	0	0	0	0			
Total Expenditures	0	0	0	0	0	0	0	0

MEMO

To: Whitewater Township Board
From: Cheryl A. Goss, Clerk
Date: 02/26/2021
Re: Corrections to Fire Fund, Park Fund, Recreation Fund

FIRE FUND CORRECTION:

Chief Flynn brought to my attention this week that he noticed an error in his budget, that being Line 815, Contractual Services, should have an added \$1,500 for a total of \$2000 to cover the expense of the fire reporting software. Corrected document attached.

PARK FUND CORRECTION:

There were a number of people who applied for unemployment benefits in 2020 due to COVID and named Whitewater Township as one of their employers. Some benefits were paid, but the township did not have to reimburse the state for the great majority of those benefits, with the exception of \$127 to one park employee. Accordingly, \$127 should be allocated to Line 823, State Unemployment. Corrected document attached.

RECREATION FUND CORRECTION:

After meeting with the Parks & Recreation Advisory Committee, they recommended some additions to this budget. Corrected document attached.

1. Allocate an additional \$400 to Line 930, Facility Repairs and Maintenance, for 1-2 benches to be placed at the pond at Battle Creek Natural Area in memory of Dennis Leach and Ingrid Ashmore. (These funds were donated by Pam Leach.)
2. Allocate \$25,000 to obtaining an engineered plan/trail upgrades (including addressing the wet area) at Lossie Road Nature Trail.
3. Allocate \$15,000 to trail evaluation/upgrades to address 3 trail improvement projects on the 2021/2025 Recreation Plan Capital Improvements List.

###



Whitewater Township Fire Department

Code	Expenditure	Adopted 20/21	Actual Thru 1/19	Proposed 21/22	16-Feb	
702	Salary, Chief	58,350	47,129	58,350	1,750.50	60,100.00
703	Salary, AC	3,605	2,912	3,605	108.15	3,713.00
704	Salary, Captain	0	0	0	0	0
705	Training Wages	21,000	8,464	21,000		21,000
707	Run Wages	12,000	5,936	12,000		12,000
713	Other Benefits (AFLAC)	4,000	2,285	4,000		4,000
714	Health Insurance	0	0	0		0
715	SS (0.062)	5,940	3,995	5,940		6,000
716	Medicare (0.0145)	1,380	934	1,380		1,500
721	Loss of Wage	0	0	0		0
727	Office Supplies	1,200	203	1,000		1,000
728	Postage	150	0	150		150
739	Fuel/Oil	4,500	2,007	4,500		4,500
740	Operating Expenses	5,000	4,071	6,500		6,500
745	Turnout Gear	8,000	7,076	7,000		7,000
747	Uniforms	3,000	814	3,000		3,000
801	Legal Services	0	0	0		0
803	Medical Professional Services	3,000	2,525	3,000		3,000
804	Professional Services	1,000	500	1,000		1,000
809	Lawn Service	500	385	500		500
810	Janitorial	600	0	600		600
811	Waste Removal	200	81	200		200
812	Septic Services	0	0	2,000	-1,000	1,000
814	Mutual Aid	4,000	0	4,000		4,000
815	Contractual Services	500	395	500	1,500	2,000
818	Rural Fire Dept. Assessment	0	0	0		0
823	State Unemployment	0	0	0		0
830	Pension Plan	5,835	6,059	5,835	175.05	6,010
840	Dues/Memberships	750	645	1,200		1,200
845	Snow Plowing	2,500	100	2,500		2,500
851	Internet/Website	900	800	900		900
854	Late Fees	0	0	0		0
855	Community Education	500	0	500		500
860	Mileage Reimbursement	250	0	250		250
865	Meal/Lodging Expenses	2,000	0	2,000		2,000
880	Education Training	5,000	3,383	5,000		5,000
901	Publishing	500	160	500		500
920	Natural Gas	1,000	351	1,000		1,000
922	Electricity	4,000	2,398	4,000		4,000
924	Telephone	1,250	1,000	1,250		1,250
925	Cellular Phone	500	400	500		500
926	Propane Heat	0	0	0		0

[illegible]

BUDGET WORKSHEET

Unemployment Correction

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Whitewater Township

	Prior Year Actual	Original Budget	Amended Budget	Current Year Actual Thru February	Estimated Total	(6) Requested	(7) Recommended	(8) Adopted
Mo. 2/28/2021								
Fund: 208 - PARK FUND								
Revenues								
Dept: 000								
590 Grants-Private Sources	18,069	0	0	100	0	0	0	0
626 Fees Charged	136,404	120,000	120,000	163,787	0	140,000	0	0
627 Pavilion Rental	400	500	500	425	0	400	0	0
628 Boat Ramp Fees	12,375	12,000	12,000	15,665	0	13,000	0	0
631 Shirts Hats	0	0	0	0	0	0	0	0
632 Reservation Fees	10,400	9,000	9,000	13,416	0	11,000	0	0
644 Ice Sales	4,974	4,800	4,800	6,250	0	5,000	0	0
645 Pop Sales	0	0	0	0	0	0	0	0
646 Wood Sales	9,445	8,000	8,000	15,910	0	18,000	0	0
648 Shower Fees	2,228	2,000	2,000	2,183	0	4,500	0	0
665 Interest Earned	449	300	300	409	0	300	0	0
671 Other Revenues	977	700	700	1,065	0	900	0	0
673 Sale of Fixed Assets	0	0	0	0	0	0	0	0
687 Refunds	0	0	0	0	0	0	0	0
688 Sales Tax Discount	0	0	0	0	0	0	0	0
689 Cash Over & Short	9	0	0	37	0	0	0	0
699 Transfers From Other Funds	0	50,000	50,000	0	0	0	0	0
Dept: 000	195,730	207,300	207,300	219,247	0	193,100	0	0
Total Revenues	195,730	207,300	207,300	219,247	0	193,100	0	0
Expenditures								
Dept: 756 Township Park								
702 Salaries	6,000	6,180	6,180	5,467	0	6,365	0	0
703 Wages	55,593	60,000	60,000	60,262	0	70,000	0	0
715 Social Security (Employer)	3,819	4,105	4,105	4,075	0	4,800	0	0
716 Medicare (Employer)	893	970	970	953	0	1,200	0	0
727 Office Supplies & Expense	923	700	700	958	0	1,000	0	0
728 Postage	1	0	0	14	0	20	0	0
729 Licenses & Fees	520	600	600	516	0	600	0	0
739 Fuel & Oil	94	200	200	13	0	100	0	0
740 Operating Expense & Supplies	8,855	7,000	7,000	7,626	0	9,000	0	0
741 Ice	2,698	3,000	3,000	3,593	0	3,800	0	0
742 Pop	0	0	0	0	0	0	0	0
743 Wood	5,655	5,500	5,500	5,622	0	12,000	0	0
Shirts & Hats	0	0	0	0	0	0	0	0
747 Uniforms	986	300	300	53	0	300	0	0
748 Sales Tax	780	900	900	1,239	0	1,300	0	0

BUDGET WORKSHEET

Unemployment Correction

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Whitewater Township

Mo. / /28/2021	Prior Year Actual	Current Year			Estimated Total	(6)	(7)	(8)
		Original Budget	Amended Budget	Actual Thru February		Requested	Recommended	Adopted
Fund: 208 - PARK FUND								
Expenditures								
Dept: 756 Township Park								
749 Credit Card Processing Fees	3,392	4,000	4,000	4,811	0	5,000	0	0
803 Medical Professional Services	768	1,000	1,000	790	0	1,000	0	0
804 Professional Services	4,059	1,000	1,000	0	0	0	0	0
809 Lawn Maintenance Services	5,125	6,000	6,000	4,025	0	5,000	0	0
811 Waste Removal Services	2,145	2,400	2,400	2,134	0	2,200	0	0
812 Septic Services	4,610	5,000	5,000	4,133	0	4,500	0	0
823 State Unemployment	0	0	0	0	0	127	0	0
851 Internet/Website	3,047	2,500	2,500	3,826	0	2,000	0	0
852 Promotional Expenses	500	500	500	437	0	500	0	0
854 Late Fees	0	0	0	0	0	0	0	0
860 Mileage Reimbursement	125	250	250	195	0	200	0	0
901 Publishing	0	0	0	111	0	0	0	0
902 Printing	367	500	500	0	0	500	0	0
922 Electricity	7,599	8,000	8,000	8,632	0	8,800	0	0
924 Telephone	461	1,000	1,000	360	0	500	0	0
925 Cellular Phone	564	600	600	472	0	600	0	0
926 Propane	1,116	1,300	1,300	793	0	1,200	0	0
930 Facility Repairs/Maintenance	57,208	45,400	45,400	23,557	0	40,900	0	0
934 Fire Damage	0	0	0	0	0	0	0	0
940 Equipment Rental	433	500	500	0	0	500	0	0
956 Miscellaneous Expense	107	0	0	0	0	0	0	0
964 Refunds	0	0	0	0	0	0	0	0
965 Theft	0	0	0	0	0	0	0	0
970 Capital Expenditure	2,800	200,000	200,000	20,074	0	200,000	0	0
Township Park	181,243	369,405	369,405	164,741	0	384,012	0	0
Dept: 862 Soc Sec/Medicare (Employer)								
715 Social Security (Employer)	0	0	0	0	0	0	0	0
716 Medicare (Employer)	0	0	0	0	0	0	0	0
Soc Sec/Medicare (Employer)	0	0	0	0	0	0	0	0
Dept: 865 Insurance								
820 Liability Insurance	3,301	4,000	4,000	3,301	0	3,400	0	0
821 Workers Compensation	927	1,500	1,500	918	0	1,000	0	0
Insurance	4,228	5,500	5,500	4,219	0	4,400	0	0
Dept: 890 Contingency								
Contingency	0	0	0	0	0	10,000	0	0
Contingency	0	0	0	0	0	10,000	0	0
Dept: 907 Debt Service/Park								
991 Debt Service Principal	0	0	0	0	0	0	0	0

BUDGET WORKSHEET
Unemployment Correction

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Whitewater Township

Mo. /28/2021	Prior Year	Current Year				(6)	(7)	(8)
	Actual	Original Budget	Amended Budget	Actual Thru February	Estimated Total	Requested	Recommended	Adopted
Fund: 208 - PARK FUND								
Expenditures								
Dept: 907 Debt Service/Park								
997 Debt Service Interest	0	0	0	0	0	0	0	0
Debt Service/Park	0	0	0	0	0	0	0	0
Total Expenditures	185,471	374,905	374,905	168,960	0	398,412	0	0
Grand Total:	10,259	-167,605	-167,605	50,287	0	-205,312	0	0

BUDGET WORKSHEET

With PRAC 2/8 Revisions

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Whitewater Township

M /28/2021	Prior	Current Year			(6)	(7)	(8)
	Year Actual	Original Budget	Amended Budget	Actual Thru February	Estimated Total	Requested	Recommended Adopted
Fund: 209 - RECREATION FUND							
Revenues							
Dept: 000							
402 Property Taxes	0	0	0	0	0	0	0
445 Penalties & Interest	0	0	0	0	0	0	0
590 Grants-Private Sources	0	0	0	600	0	0	0
627 Pavilion Rental	225	225	225	150	0	225	0
629 Ballfield Rental Fees	0	0	0	0	0	0	0
645 Pop Sales	0	0	0	0	0	0	0
665 Interest Earned	111	50	50	91	0	100	0
671 Other Revenues	0	0	0	0	0	0	0
673 Sale of Fixed Assets	0	0	0	0	0	0	0
687 Refunds	0	0	0	0	0	0	0
699 Transfers From Other Funds	30,000	20,000	20,000	0	0	20,000	0
Dept: 000	30,336	20,275	20,275	841	0	20,325	0
Total Revenues	30,336	20,275	20,275	841	0	20,325	0
Expenditures							
Dept: 757 Recreation							
700 Salaries	800	824	824	697	0	850	0
703 Wages	4,221	7,000	7,000	4,820	0	6,000	0
715 Social Security (Employer)	311	485	485	319	0	425	0
716 Medicare (Employer)	73	115	115	75	0	100	0
727 Office Supplies & Expense	0	0	0	61	0	70	0
728 Postage	0	0	0	0	0	0	0
729 Licenses & Fees	142	200	200	138	0	200	0
740 Operating Expense & Supplies	341	600	600	330	0	600	0
742 Pop	0	0	0	0	0	0	0
804 Professional Services	0	0	0	0	0	0	0
809 Lawn Maintenance Services	4,850	6,000	6,000	4,155	0	6,000	0
811 Waste Removal Services	0	0	0	0	0	0	0
812 Septic Services	0	0	0	0	0	0	0
823 State Unemployment	0	0	0	0	0	0	0
854 Late Fees	0	0	0	0	0	0	0
860 Mileage Reimbursement	26	100	100	5	0	50	0
880 Education & Training	0	250	250	0	0	250	0
901 Publishing	0	0	0	0	0	0	0
900 Electricity	831	1,500	1,500	889	0	1,000	0
950 Facility Repairs/Maintenance	8,893	24,000	24,000	4,104	0	26,030	0
956 Miscellaneous Expense	0	0	0	0	0	0	0

BUDGET WORKSHEET

With PRAC 2/8 Revisions

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11:00 am

Whitewater Township

		Prior Year Actual	Current Year			(6)	(7)	(8)	
M /28/2021		Actual	Original Budget	Amended Budget	Actual Thru February	Estimated Total	Requested	Recommended	Adopted
Fund: 209 - RECREATION FUND									
Expenditures									
Dept: 757 Recreation									
964 Refunds		0	0	0	0	0	0	0	0
970 Capital Expenditure		3,815	38,200	38,200	1,245	0	58,455	0	0
Recreation		24,303	79,274	79,274	16,838	0	100,030	0	0
Dept: 862 Soc Sec/Medicare (Employer)									
715 Social Security (Employer)		0	0	0	0	0	0	0	0
716 Medicare (Employer)		0	0	0	0	0	0	0	0
Soc Sec/Medicare (Employer)		0	0	0	0	0	0	0	0
Dept: 890 Contingency									
890 Contingency		0	0	0	0	0	0	0	0
Contingency		0	0	0	0	0	0	0	0
Total Expenditures		24,303	79,274	79,274	16,838	0	100,030	0	0
Grand Total:									
		6,033	-58,999	-58,999	-15,997	0	-79,705	0	0

	A	B
1	RECREATION FUND - DETAIL FOR 209-757-930 and 209-757-970	
2	(prepared for 02/04/2021 budget work session) (PRAC/Clerk 02/08/2021 Revisions)	
3		
4	FACILITY REPAIRS/MAINTENANCE (209-757-930)	
5	HI PRAY PARK (HPP)	
6	Routine maintenance	
7	Startup/shutdown water/irrigation	550.00
8	Startup certification for water system	800.00
9	Water quality testing	200.00
10	Vegetation control (ball fields, tennis court, playground, batting cage/shed)	645.00
11	Fire extinguisher maintenance	20.00
12	Drag fields before games (parents/volunteers?)	0.00
13	Stripe fields before games (parents/volunteers?)	0.00
14		
15	Other maintenance	
16	Brush removal behind outfield fences	1,000.00
17	Repair ball field lights (6 lights out as of 2019) (\$515 per light)	3,090.00
18	Paint well shed (materials and labor)	300.00
19	Diamond dust (both fields)	1,200.00
20	Parking lot maintenance (annual drag/gravel)	1,000.00
21		
22	Playground upgrades	
23	Enlarge playground area, remove/reinstall playground components	
24	that do not meet use zone requirements	5,000.00
25	Purchase/install safety surfacing material	3,000.00
26		
27		
28	BATTLE CREEK NATURAL AREA (BCNA)	
29	Install new kiosk (location to be marked by PRAC)	225.00
30	Signage for kiosk	150.00
31	Bench (1-2) at pond in memory of Dennis Leach/Ingrid Ashmore	400.00
32	Clear trail to width of 8' (added 2/25/2020 by township board)	3,000.00
33		
34	(Note: \$3,500 in 2% funds received for signs/kiosks at BCNA and LRNT.)	
35	(Note: \$600 donated to the Recreation Fund by Pam Leach in memory of	
36	Dennis Leach and Ingrid Ashmore; to be used for installation of a bench at	
37	BCNA pond, remaining funds to be used for improvements at Hi Pray Park)	
38		
39	LOSSIE ROAD NATURE TRAIL (LRNT)	
40	Install new kiosks (2) (location to be marked by PRAC)	450.00
41	Signage for kiosks	300.00
42	Clear trail to width of 8' (added 2/25/2020 by township board)	3,000.00
43		
44		
45	PETOBEGO NATURAL AREA (PNA)	
46	Remove brush along road to improve visibility of park	700.00
47	Paint or replace kiosk (added 2/25/2020 by township board)	1,000.00
48		
49		
50	Total Facility Repairs/Maintenance	26,030.00
51	<i>See next page</i>	

	A	B
52	RECREATION FUND - DETAIL FOR 209-757-930 and 209-757-970	
53	(prepared for 02/04/2021 budget work session) (PRAC/Clerk 02/08/2021 Revisions)	
54		
55	CAPITAL EXPENDITURE (209-757-970)	
56	HI PRAY PARK (HPP)	
57	Dugouts at main field (2):	
58	(\$18,000 approved by board in July 2020; \$1,245 spent)	16,755.00
59	Reinstall/expand irrigation in monument area	1,200.00
60	Professional drag	500.00
61		
62		
63	LOSSIE ROAD NATURE TRAIL (LRNT)	
64	DELETE THIS LINE: Walkway over 220' wet area (added 2/25/2020 by twp board)	
65	Engineered plan/trail upgrades (including addressing the wet area)	25,000.00
66		
67		
68	BATTLE CREEK NATURAL AREA (BCNA)	
69	Trail evaluation/upgrades to address 3 trail improvement projects	
70	on the 2021/2025 Recreation Plan Capital Improvements List	15,000.00
71		
72		
73		
74	Total Capital Expenditure	58,455.00