

# AGENDA

## COMMITTEE OF THE WHOLE

Wednesday, September 14, 2022 – 4:00 p.m.

111 S. Michigan Ave., Room 200, Saginaw MI 48602

**Members:** Sheldon Matthews - Committee Chair, Christopher Boyd, Carol Ewing, Kyle Harris, Dennis Krafft, Gerald Little, Carl Ruth, Tracey Slodowski, Jack Tany, Michael Webster, Cynthia Winiecke

**Others:** County Clerk, Controller/CAO, Civil Counsel, Board Staff, Elected Officials, Dept. Heads

- I. Call to order
- II. Welcome
- III. Public comment (*Speakers limited to 3 minutes*)
- IV. Agenda
  1. Review and discussion of Internal and External ARPA funding committed, spent and available (*Attached*)
  2. Community Corrections, re:
    - **9-14-1** Request to fund \$165,789 to continue current staffing levels, financial support to indigent offenders under pretrial electronic monitoring, and programs to address trauma and opiate/methamphetamine addiction (*Attached*)
  3. Maintenance, re:
    - **9-14-2** Submission of Courthouse Design Study for mechanical renovations (*Attached*)
  4. Retirement/Benefits, re:
    - **9-14-3** Request to fund \$464,346.21 for employee healthcare (*Attached*)
  5. Other Issues of Interest/Concern – Board of Commissioners
- V. Miscellaneous
- VI. Adjournment

Note: Upon completion of discussion, only motions to refer to an organized committee or to postpone indefinitely shall be allowed - Article IX, Section 9.5, 2022 Board Rules.

**INTERNAL**

**Budget**

**\$37,009,967**

PROPOSAL NUMBER	NAME OF DEPARTMENT, AGENCY, OR ORGANIZATION	TYPE OF REQUEST	AMOUNT REQUESTED	ARPA EXPENSE CATEGORY	COMMENTS	COMMITTED	SPENT	AVAILALE	DATE APPROVED	DATE COMPLETED
1	Board of Commissioners	Premium Pay for County Employees \$2,500/\$1250	\$2.1M	4.1 Public Sector Premium Pay		\$2,100,000.00	\$1,479,889.09	\$35,530,077.91	1/18/2022	
		\$500 Bonus for Vaccinated Employee	\$231,840	1.1 COVID – 19 Vaccination		\$281,500.00	\$232,035.49	\$35,298,042.42	9/21/2021	10/31/2021
		Expand Judge Jurrens' Bench	\$925,000		Review approved Projects and filing projects	\$925,000.00	\$0.00	\$35,298,042.42		
2	Circuit Court	Return the Scheduling Clerk to Full Time		2.14 Rehiring Public Sector Employee	No APRA \$ used	\$0.00	\$0.00	\$35,298,042.42	10/1/2021	
		Purchase a Juror Notification System		NOT ELIGIBLE		\$0.00	\$0.00	\$35,298,042.42		
		New Printers for Office & Home, and Laptops for Remote Work		NOT ELIGIBLE		\$0.00	\$0.00	\$35,298,042.42		
		Offsite Jury Trials at Horizon Conference	\$675,527	1.4 Prevention in Congregate Setting		\$675,526.67	\$675,526.67	\$34,622,515.75	3/1/21-10/7/21	12/31/21
3	District Court	Reinstate Employees to 80 Hours per Pay Period	\$90,113	2.14 Rehiring Public Sector Staff		\$0.00	\$0.00	\$34,622,515.75		FY 2020
		Return 2 Part Time Clerk Positions	\$37,742	2.14 Rehiring Public Sector Staff		\$0.00	\$0.00	\$34,622,515.75		Fy 2020
		Reinstate the Position of Probation Clerk	\$82,645	2.14 Rehiring Public Sector Staff		\$0.00	\$0.00	\$34,622,515.75		FY 2020
		Reclassify Judges' and Court Clerk's Pay		NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		Court Clerk -In Progress
		Replace Old Printers and Shredders (30)	\$15,000	NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
		New iPads & Smart Keyboards for Judges	\$6,013	NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
		Laptops for Judges	\$3,000	NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
		Scanner, Fax, Copier, Printer for Judges' Home		NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
		Security Fence for Judges' Lot		NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
		PC Replacement		NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		Annually
Expand Judge Jurrens' Bench		NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75				

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4	Probate Court	Javs for Court Room	\$69,00	NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
		Update Technology		NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
		Individual Scanners (6) to be Able to Comply with Tyler/Odyssey and E-Filing Requirements	\$5,400	NOT ELIGIBLE	Should pursue via mainframe modernization	\$0.00	\$0.00	\$34,622,515.75		IT Project
		1 Large Scanner	\$10,000	NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		IT Project
		12"-24" Monitors	\$2,000	NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		IT Project
		Card Reader for All Courtrooms	\$5,000	NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
5	Family Divison	Additional Cameras in All Three (3) Courtrooms	\$14,000	NOT ELIGIBLE				\$34,622,515.75		
		E-Filing Requirements		NOT ELIGIBLE				\$34,622,515.75		
		Construction of Plexi- Barriers in All Courtrooms		1.4 Prevention in Congregate Setting		\$0.00	\$0.00	\$34,622,515.75	Denied-6/1/2022	
		Referee Court Room Reconstruction	\$60,000	NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
		Reinforce Judge Meter's Bench with Bullet Proof Material		NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75		
6	Community Correction	Additional Staff	\$500,000	3.16 Social Determinants of Health: Community Violence Intervention		\$0.00	\$0.00	\$34,622,515.75	Referred to Executive Committee	
7	Saginaw County Clerk	Digitization of Documents	\$2.1 Million	NOT ELIGIBLE	May be eligible under County Revenue Replacement	\$0.00	\$0.00	\$34,622,515.75	1M Revenue Replace-ment	
		Housing Proposal: Rehabilitation Program	\$1 Million	3.10 Housing Support: Affordable Housing		\$0.00	\$0.00	\$34,622,515.75	Coordinate w/ City & External Request	
		Affordable Housing	\$1 Million	3.12 Housing Support: Other Housing Assistance		\$0.00	\$0.00	\$34,622,515.75	Coordinate w/ City & External Request	
8	Health Department	Construct a Building for Drive Thru Clinics	\$1 Million	1.6 Medical Expense		\$0.00	\$0.00	\$34,622,515.75	Part of New Building. Use Millage	
		Community Health Improvement	\$775,000		\$0.00	\$0.00	\$34,622,515.75			

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9	Commission on Aging	Upgrades to the Eleanor Frank/ Main Office, Marie Davis Center, and Other Senior Centers (\$225,000) Marie Davis-\$653,000 Eleanor Frank - \$651,000	\$1,569,625	1.4 Prevention in Congregate Setting		\$1,569,625.00	\$0.00	\$34,622,515.75	Referred to Executive Committee	
		Coverage for Loss of Revenue	\$130,212	6.1 Provision of Government Service		\$0.00	\$0.00	\$34,622,515.75	\$130,212 Revenue Replace-ment	
10	Parks & Recreation	Haithco Recreation Area (ADA/Splash Pad)	\$518,000	3.13 Social Determinants of Health: Other		\$1,000,000.00	\$0.00	\$34,622,515.75	Referred to Executive Committee	In Progress and Grants
		Imerman Memorial Park (ADA/ Canoe-Boat Launch)	\$941,000	Responsive to the needs of disproportionately impacted communities by promoting healthier living environments						
		Saginaw Valley Rail Trail (ADA)	\$4,000							
		Price Nature Center (ADA)	\$320,000							
		Ringwood Forest (ADA)	\$280,000							
		Veterans Memorial Park (ADA)	\$50,000							
11	Maintenance Department	Upgrade the Air Filtration System (Courthouse)	\$6 to \$7 Million	1.7 Capital Investment		\$5,300,000.00	\$0.00	\$34,622,515.75	Referred to Executive Committee	\$300,000 Approved for Engineering Services
12	Public Works	Storm Drain Infrastructure	\$29,605,000	5.6 Stormwater	Mr. Wendling is requesting some level of investment for drain projects	\$1,000,000.00	\$0.00	\$34,622,515.75	Referred to Executive Committee	Reference Specific Drain Project
13	Informaton Technology	Convergent Technologies Professional Service, Permitting and, Fiber Installation	\$480,000	NOT ELIGIBLE		\$0.00	\$0.00	\$34,622,515.75	Denied	
		Optical Fiber WAN	\$480,000							
		Enterprise Wi-Fi Infrastructure	\$375,000							
		Disaster Recovery	\$1,225,000							



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14	Controller	COVID - 19 Related Cost for Employee Benefits	\$558,288	1.6 Medical Expenses		\$442,870.00	\$558,288.00	\$34,064,227.75	11/9/2021	2021 Medical
		Air Purification	\$41,860	1.4 Prevention in Congregate Setting		\$41,860.00	\$36,110.20	\$34,028,117.55	12/14/2021	Complete
		Clothe and Disposable Mask	\$4,965	1.5 Personal Protective Equipment		\$4,965.00	\$2,465.00	\$34,025,652.55	12/14/2021	Completed
		Staffing for COVID - 19 Screening	\$62,852	1.8 Other COVID-19 Public Health Expenses		\$70,265.50	\$10,699.43	\$34,014,953.12	12/14/2021	In Progress
		Revenue Replacement	10M	Covid Related Loss of Rev			\$10,000,000.00	\$24,014,953.12	4/19/2022	Completed
15	Saginaw County Emergency Management	Re-establish Shared Position	\$98,585	2.14 Rehiring Public Sector Staff		\$300,000.00	\$0.00	\$24,014,953.12	Referred to Executive Committee	
16	H.W. Browne Airport	Water and Sewer Infrastructure	\$25,590	5.6 Stormwater		\$25,590.00	\$0.00	\$24,014,953.12	Referred to Executive Committee	
		Building Repairs	\$19,651	NOT ELIGIBLE		\$0.00	\$0.00	\$24,014,953.12	Revenue Replace	

Total Available \$37,009,967.00  
Total Committed -\$13,737,202.17  
Total Spent -\$12,995,013.88  
Total Available to External \$10,277,750.95

\$13,737,202.17 \$12,995,013.88

9/9/2022

**EXTERNAL**

Budget										
								\$10,277,750.95		
PROPOSAL NUMBER	NAME OF DEPARTMENT, AGENCY, OR ORGANIZATION	TYPE OF REQUEST	AMOUNT REQUESTED	ARPA EXPENSE CATEGORY	COMMENTS	COMMITTED	SPENT	AVAILALE	DATE APPROVED	DATE COMPLETED
1	MSU Extension	Additional funding last 6 Months of Fiscal Year 2021	\$90,000	Category 3 Service to Disproportionately impacted communities						
		Provide 4H Youth Program for FY1 2022	\$108,203							
2	Saginaw Future	Small Business Rescue Grant Program	\$5 Million	2.9 Small Business Economic Assistance						
		Transformational Economic Development Project	\$10 Million	1.7 Capital Investment						
		Unserved and underserved broadband	\$5 Million	<ul style="list-style-type: none"> <li>5.16 Broadband: "Last Mile" Project</li> <li>5.17 Broadband: Other Project</li> </ul>						
		Leverage SFI to help Saginaw County Recover	\$1 Million	<ul style="list-style-type: none"> <li>2.9 Small Business Economic Assistance</li> <li>2.10 Aid to Non-Profit Organization</li> </ul>						
3	Connect Michigan	Broadband Expansion – Analysis Study	\$57,500	5.17 Broadband: Other						
4	Saginaw County Convention & Visitor's Bureau	MBS Airport		NOT ELIGIBLE						
		Saginaw River	\$122,400,000	NOT ELIGIBLE	May be eligible under infrastructure plan					
		Saginaw Township- Fashion Square	\$55 Million	2.11 Aid to Tourism	Neighborhood/Community Improvement					
		Trial System Throughout the County of Saginaw	\$1,290,000	Responsive to the needs of disproportionately impacted communities by promoting healthier living environments						
		Chesaning Community Project Idea	\$3,725,000	2.11 Aid to Tourism						
		Bridgeport – Renovate Historic Structure, Hotel Renovations-Indoor Pool	\$30.75 Million	2.11 Aid to Tourism						

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5	MIHIA	Expansion of Thrive Capacity	\$1,125,00	3.14 Social Determinants of Health: Community Health Workers and Benefits Navigators						
		Financial Support Center	\$265,000	2.0 Negative Economic Impact						
		Maternal & Child Health	\$280,350	3.14 Social Determinants of Health						
		Financial Stability Support	\$265,000	3.0 Service to Disproportionately Impacted Communities						
		Regional Opioid Strategy	\$497,750	3.13 Social Determinants: Other						
		Local Initiatives Support Coalition Opportunity Center Concept	\$655,000	3.0 Service to Disproportionately Impacted Communities						
		LISC-Housing Program (3 YEARS)	\$5,207,500	2.0 Negative Impacted Communities						
6	Frankenmuth Chamber of Commerce & Convention & Visitor's Bureau	Sport Complex and Sports Medical Facility	\$45 Million with \$15 Million Already Committed	NOT ELIGIBLE						
7	School District of the City of Saginaw	Community Resource/Youth Program/ Activities	\$750,000	3.16 Social Determinants of Health: Community						
8	Workforce Development	Access for All		2.7 Job Training Assistance						
9	Spaulding Township Fire Department	Oxygen Tanks for 16 Firefighters	\$121,495.00	NOT ELIGIBLE	May be eligible under County's Revenue Replacement					
10	Bridgeport Charter Township	<b>Build a New Government Center</b> -Total Project Cost \$7,272,292 Storm Water Mangement-\$250,000 Utilities-Water,Sanitary, Gas, Elec-\$150,000 Broadband Allowance-\$75,000	\$475,000	5.17 Broadband 5.6 Stormwater						

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11	Birch Run Convention & Visitor Bureau	Build a New Expo Center	\$29 Million	NOT ELIGIBLE						
12	YMCA of Saginaw	Child Care Startup	\$100,000	3.6 Healthy Childhood Environment: Childcare	Revised proposal 50/50 split of funding request with City of Saginaw					
		Mission Nutrition Expansion	\$125,000	2.1 Household Assistance: Food Program						
		Senior Health Initiatives	\$100,000	3.4 Education Assistance: Social, Emotional, Mental						
		Saginaw Swim Safety	\$150,000	NOT ELIGIBLE						
		Social Emotional Wellness for Families	\$100,000	3.4 Education Assistance: Social, Emotional, Mental						
		Operational Support Pandemic Shortfall	\$550,000	2.10 Aid Non-Profit Organization						
		Garber Court, Operational Startup	\$150,000	NOT ELIGIBLE						
		Safety/Technology/Security Infrastructure	\$125,000	NOT ELIGIBLE						
13	Boys and Girls Club of the Great Lakes Bay Region	Hire a Social Worker and Extra Staff	\$432,300	3.0 Service to Disproportionately Impacted Communities						
14	Buena Vista Charter Township	Send Civilians to Police Academy	\$27,800	NOT ELIGIBLE						
		Demolish the Vacant "Welcome Inn Motel"	\$500,000	Neighborhood/ Community Improvements						
		Renovation Buena Vista High School	\$250,000							
15	Thomas Township	<b>NATURE CENTER &amp; PRESERVE</b> Trail System & Building Renovation	\$700,000	Responsive to the needs of disproportionately impacted communities by promoting healthier living environments						
16	Bitwise Industries	Technology Training and Apprenticeship	\$1.5 Million	2.7 Job Training Assistance						

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17	James Township Fire Station	<b>FIRE STATION UPGRADES INCLUDE:</b> <ul style="list-style-type: none"> <li>• Redesign Men's and Women's Bathroom</li> <li>• Drying Unit for Turnout Gear</li> <li>• Stadium Lockers</li> <li>• Decontamination Station</li> <li>• Redesign Kitchen</li> <li>• Replace Diesel Exhaust</li> <li>• Upgrade Heating Unit</li> </ul>	Total: \$169,194.09	NOT ELIGIBLE	Some elements may be eligible under County's Revenue Replacement 6.1 Provision of Government Services					
18	Albee Township Fire Department	Breathing Air Cascade System	\$34,000-\$44,000	NOT ELIGIBLE	Some elements may be eligible under County's Revenue Replacement 6.1 Provision of Government Services					
19	Taymouth Township	Airvac 911 Engine Exhaust Aire Filtration, Bauer Legacy	\$20,782.25	NOT ELIGIBLE	Some elements may be eligible under County's Revenue Replacement 6.1 Provision of Government Services					
21	Youth Development Corporation, USA	Non-Profit Advance Underserved and at-Risk Youth and Adults by Expanding Accessibility in Education Training and Career Placement with Skilled Trades	\$305,081.23	<ul style="list-style-type: none"> <li>• 2.7 Job Training Assistance</li> <li>• 3.0 Service to Disproportionately Impacted Communities</li> </ul>						
22	Child & Family Services	<b>COUNSELING</b> Covering Counseling Costs to the Uninsured, Unable to Afford High Deductible, Can't Cover Cost of All Necessary Sessions	\$40,000	1.10 Mental Health Services						
23	Public Libraries of Saginaw	Library of Things	\$20,000 from each County, City, School	3.5 Education Assistance: Other						

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24	Great Lakes Bay Health Centers	<b>Provide Additional Year of Accessible COVID-19 Testing &amp; Vaccines to Include:</b> Salaries and Benefits, Supplies and Utilities	\$362,138	<ul style="list-style-type: none"> <li>1.1 COVID-19 Vaccination</li> <li>1.2 COVID-19 Testing</li> </ul>						
25	Tri Township Fire Department	Replace Turnout Gear	\$159,150	NOT ELIGIBLE	May be eligible under County's Revenue Replacement 6.1 Provision of Government Services					
26	Chesaning-Brady Fire Department	Turnout Gear	\$125,000	NOT ELIGIBLE	May be eligible under County's Revenue Replacement 6.1 Provision of Government Services					
27	Proposal to Use Stimulus Money to Establish a Crime Prevention Program	Making Choices and Facing Consequences Program	\$50,000	3.16 Social Determinants of Health: Community Violence Interventions						
28	Suicide Resource & Response Network	Assist (270 Participants)- Safe Talk (3,750 Participants) Training	\$172,672	<ul style="list-style-type: none"> <li>1.10 Mental Health Services</li> <li>3.4 Education Assistance: Social Emotion, Mental</li> </ul>						
29	The Neighb	Building Improvements	\$4 Million	2.1 Household Assistance: Food Program						
		<b>SUPPORT AND PROGRAMS:</b> Support to fund and Prevent Crim, Promote Economic Development, and Community Health		2.10 Aid to Non-Profit Organization						
		3.4 Education Assistance: Social, Emotion, Mental								
		3.5 Education Assistance: Other								
		3.16 Social Determinants of Health: Community Violence Interventions								

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30	The First Ward Community Center	Building Upgrades (Boiler, Roof, and Air Conditioning Unit)	\$1,130,000	2.10 Aid Non-Profit Organization						
		After school program, and other programs, such as, L.A.C.E.R, Drug Prevention Programs, Youth Employment, Senior Programs, Soup Kitchen, Building Utilities, Insurance, Audit, and Accounting Fees		3.4 Education Assistance Social, Emotional, and Mental Services						
		3.6 Healthy Childhood Environments: Child Care								
		3.9 Healthy Childhood Environment: Other								
		3.10 Housing Support: Affordable Housing								
		3.12 Housing Support: Other Housing Assistance								
31	Saginaw African Cultural Festival	Sustain the Saginaw African Cultural Festival (SACF) Annual 3 Day Festival	\$250,000	NOT ELIGIBLE						
32	Saginaw County Community Action Committee	Economic Development (3 Years) – Affordable Housing	\$1 Million	3.10 Housing Support: Affordable Housing						
		Economic Development – Small Business in Childcare	\$500,000	3.6 Healthy Childhood Environment: Child Care						
		Neighborhood Community Improvements – Community Center Support	\$1.5 Million	2.10 Aid Non-Profit Organization						
		Education (3 Years)	\$1.2 Million	3.3 Education Assistance – Academic Service						
33	Saginaw Community Food Club	Improve food Equity Non-Profit Grocery Store	\$2 Million	2.1 Household Assistance: Food Program						

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34	Women of Color	Support Existing Programs Expansion and New Program Development to Secure a Permanent Facility and Expand Initiatives to Address Document Gaps in Employment Readiness Resources, Mental, Health, Substance Use Disorder, and Racial Disparities in access to Intervention and Perversion Service	\$296,000	1.11 Substance use Service						
				2.7 Job Training Assistance						
				2.10 Aid in Non-Profit Organization						
				3.4 Education Assistance: Social, Emotional, and Mental						
35	Gospel Fest	<b>FUNDING TO COVER COSTS FOR:</b> Artist, Transportation, Hotel/Lodging, Food, Venue, Insurance, Sound Equipment, Staff, Vendors, Tents for Merchandise, Children Play Area, and Advertisement	\$100,000	NOT ELIGIBLE						
36	Healthsource Saginaw	Create in House Mental Health Technician Staffing Solution and Offer Entry Level Career Path for Saginaw County Residents	\$160,750	1.10 Mental Health Service						
				2.7 Job Training						
37	Humane Society of Saginaw County	Spay/Neuter Services and Provide Pet Food for Low Income Residents	\$50,000	2.10 Aid to Non-Profit Organization						
38	Crime Stopper Serving Saginaw County	Assist Law Enforcement via Tip Line and Continue to Raise Awareness in the Community. Prepare and Dissemble Marketing and Cover Operating Expenses	\$60,000	2.10 Aid to Non-Profit Organization						
				3.16 Social Determinants of Health: Community Violence Intervention						



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39	Fairground Neighborhood Association	Facilitate Ownership of Property	\$400,000	2.10 Aid to Non-Profit Organization						
		Design Walking and Bike Trails	\$100,000	Responsive to the needs of disproportionately impacted communities by promoting healthier living environments						
		Design Ballpark, Putting Golf and Other Recreational Fields	\$100,000							
		Install Appropriate Lighting and Landscaping	\$100,000							
		Utilize some form of Solar or Alternative / Renewable Energy	\$300,000							

DRAFT



County of Saginaw  
OFFICE OF COMMUNITY CORRECTIONS  
111 S. Michigan Avenue  
Saginaw, Michigan 48602  
989-790-5584

COMMITTEE OF  
THE WHOLE

9-14-1

Mary M. McLaughlin  
Manager/Coordinator

RECEIVED  
SAGINAW COUNTY  
BOARD OF COMMISSIONERS  
2022 AUG 31 P 4:10

August 31, 2022

Chair Carl Ruth  
Saginaw County Board of Commissioners  
111 S. Michigan Avenue  
Saginaw, MI 48602

Dear Chair Ruth,

Our fiscal year 2023 Community Corrections grant was awarded in the amount of \$504,562, which is \$165,789 less than the amount we requested. The requested amount of \$670,351 would have allowed for the continuation of current staffing levels, financial support to indigent offenders under pretrial electronic monitoring, and programs to address trauma and opiate/methamphetamine addiction.

A prior request was submitted to the County to consider utilizing ARPA funds to assist with Community Corrections programs and staffing. I would respectfully request this correspondence be directed to the appropriate committee to re-open tabled discussions regarding utilizing APRA funds to assist with providing uninterrupted services.

Attached is a copy of the FY23 MDOC-Saginaw grant award for your review. I appreciate your time and look forward to discussing this matter further with you.

Sincerely,

*Mary M. McLaughlin*

Mary M. McLaughlin  
Community Corrections Manager

c: Robert Belleman  
Koren Thurston



**PROPOSAL TO THE STATE ADVISORY BOARD OF COMMUNITY CORRECTIONS – FY 2023**

<b>CCAB:</b>	Saginaw County
<b>CCAB Contact:</b>	Mary McLaughlin
<b>CCAB Chair:</b>	Sandra Lindsey
<b>Member Counties / Cities &amp; Approval Date(s):</b>	CCAB: April 26, 2022 BOC: May 17, 2022
<b>Assigned OCC Specialist:</b>	Molly Maynard
<b>State Board Review Date:</b>	August 01, 2022

**I. FELONY DISPOSITIONAL ANALYSIS FOR THE PREVIOUS TWO FISCAL YEARS**

<b>Statewide Rates</b>	<b>FY 2020</b>	<b>FY 2021</b>
Overall PCR	19.2%	16.5%
<i>Group 1</i>	28.2%	23.0%
<i>Group 2</i>	13.4%	11.6%
Straddle Cell PCR	22.9%	19.7%
<i>Group 1</i>	24.8%	21.2%
<i>Group 2</i>	21.7%	18.6%
Intermediate Cell PCR	1.8%	1.2%
OUIL-3 <sup>rd</sup> PCR	15.1%	14.4%
PV Technical Rate	9.9%	8.8%
PV New Sentence Rate	12.4%	13.5%

<b>CCAB Rates</b>	<b>FY 2020</b>	<b>FY 2021</b>
<b>Projected:</b>		
<i>Overall PCR</i>	Reduce the overall PCR to 21%.	Reduce the overall PCR to 19%
<i>Group 2 Straddle PCR</i>	Reduce the Group 2 straddle cell PCR to 23%.	Maintain or lower the Group 2 straddle cell PCR to 20%
<i>PV Technical Rate</i>	Reduce the number of technical probation violators sentenced to prison from 70 offenders to 60 offenders.	Reduce the number of technical PVs with a prison disposition from 21% to 17%.
<i>PV New Sentence Rate</i>	N/A	N/A
<b>Actual:</b>	<b>Excluding Prisoner Status</b>	<b>Excluding Prisoner Status</b>
Overall PCR	20.1%- 118 prison out of 588 felony dispositions	22.3%- 85 prison out of 382 felony dispositions
<i>Group 1</i>	29.5%- 85 prison out of 288 felony dispositions	31.8%- 55 prison out of 173 felony dispositions
<i>Group 2</i>	11.0%- 33 prison out of 300 felony dispositions	14.4%- 30 prison out of 209 felony dispositions
Straddle Cell PCR	12.4%- 20 prison out of 161 felony dispositions	10.6%- 10 prison out of 94 felony dispositions
<i>Group 1</i>	15.4%- 10 prison out of 65 felony dispositions	11.4%- 4 prison out of 35 felony dispositions
<i>Group 2</i>	10.4%- 10 prison out of 96 felony dispositions	11.7%- 7 prison out of 60 felony dispositions
Intermediate Cell PCR	1.5%- 3 prison out of 197 felony dispositions	0.9%- 1 prison out of 114 felony dispositions
OUIL-3 <sup>rd</sup> PCR	5.0%- 1 prison out of 20 felony dispositions	12.0%- 3 prison out of 25 felony dispositions





**PROPOSAL TO THE STATE ADVISORY BOARD OF COMMUNITY CORRECTIONS – FY 2023**

PV Technical Rate	23.7%- 28 prison out of 118 prison dispositions	21.2%- 18 prison out of 85 prison dispositions
PV New Sentence Rate	10.2%- 12 prison out of 118 prison dispositions	20.0%- 17 prison out of 85 prison dispositions

**II. CCAB PROPOSED KEY OBJECTIVES FOR FY 2023**

<b><i>The County/Region identifies the following key objectives for FY 2023:</i></b>	
<p><b>1. Key Objective - Reduce Overall Prison Commitment Rate (PCR) from 22.3% to 21% (not including prison status)</b></p> <p>a. <i>Proposed P.A. 511 funded programs intended to support this objective: F22 Praxis; F23 Day Reporting; C01 Trauma Program and G18 Opiate/Methamphetamine Specific Program.</i></p> <p>b. <i>Proposed non-P.A. 511 funded programs intended to support this objective: TriCap Probation Residential facility, Specialty Treatment Courts (Drug Court, Sobriety Court, Mental Health Court, Veteran's Treatment Court, Swift and Sure program) and other community resources, such as Great Lakes Bay Health Clinics, Odyssey House, and Mustard Seed for gender specific needs.</i></p>	
<p><b>2. Key Objective - Increase the County's current Public Safety rate from 82% to 85%.</b></p> <p>a. <i>Proposed P.A. 511 funded programs intended to support this objective: F22 Praxis, F23 Day Reporting, and G18 Opiate/Methamphetamine Specific Program.</i></p> <p>b. <i>Proposed non-P.A. 511 funded programs intended to support this objective: Refer to local community-based programs and resources: TriCap, Great Lakes Bay Health Clinics, Sheriff's drug testing, Odyssey House, Mustard Seed for gender specific needs, staffing agencies for employment, ISD or other educational resources.</i></p>	
<p><b>3. Key Objective - Increase the County's current appearance rate from 80% to 83%.</b></p> <p>a. <i>Proposed P.A. 511 funded programs intended to support this objective: F22 Praxis, F23 Day Reporting, and G18 Opiate/Methamphetamine Specific Program.</i></p> <p>b. <i>Proposed non-P.A. 511 funded programs intended to support this objective: Refer to local community-based programs and resources: TriCap, Great Lakes Bay Health Clinics, Sheriff's drug testing, Odyssey House, Mustard Seed for gender specific needs, staffing agencies for employment, ISD or other educational resources.</i></p>	

**III. TARGETING CRIMINOGENIC NEEDS OF LOCAL OFFENDERS**

<b><i>Utilizing COMPAS Criminogenic Needs Data provided by MDOC for FY 2021, the County/Region identifies the following Top 3 Criminogenic Needs among felony probationers:</i></b>	
<p>1. Substance abuse 2. Criminal personality 3. Vocational/education</p>	
<p>The programs intended to impact these needs are as follows: (C01) Trauma Program, (G18) OMSP, and use of PRS at TRICAP.</p>	



**PROPOSAL TO THE STATE ADVISORY BOARD OF COMMUNITY CORRECTIONS – FY 2023**

**IV. STATE OFFICE OF COMMUNITY CORRECTIONS ASSESSMENT**

<b>A. CCAB Comprehensive Corrections Plan – Impact Analysis and Recommendations</b>
<p>It is recommended, the State Board conditionally support Saginaw County’s efforts to impact priorities through pretrial services and targeted gender responsive behavioral health programs such as trauma and the Opiate/Methamphetamine Specific Program. The County requested an increase in overall funding; however, due to the absence of local funding detail in the budget documents and current monthly funding expenditure reporting, the request could not be supported. County is encouraged to continue discussions surrounding the development of new evidence-based programming targeting the probation violation population to address the recidivism rates noted in this proposal.</p>
<b>B. Contractual Conditions</b>
<ul style="list-style-type: none"> <li>• FY 2023 recommended CPS award: \$504,562. The total administration line item cannot exceed 30% of the total award- \$504,562. The County must submit a revised budget document at the time of the submission of the signed contract indicating the funding allocation per line item for the following programs: Administration, (C01) Trauma Group, (F22) Bond Review and Recommendations, (F23) Day Reporting, and (G18) Opiate/Methamphetamine Specific Program. If these changes impact your projected new enrollments, the County must submit revised enrollment information to your assigned Community Corrections Specialist for review and approval.</li> <li>• Part One of the application must be revised using accurate data for the probation violator new sentence population in the Recidivism Rates table.</li> <li>• The following conditions apply to the (F22) Pretrial Risk Assessment program description:             <ul style="list-style-type: none"> <li>• 2.b. OSMP and Trauma must be removed as the PRAXIS does not assess for program needs;</li> <li>• 2.c. The COMPAS assessment is not part of the pretrial risk assessment process and must be removed;</li> </ul> </li> <li>• The Evidence-based Principles section must be revised to include an appropriate analysis of how each program meets evidence-based principles, utilizing “Eight Evidence-Based Principles for Effective Interventions” that was provided.</li> <li>• The Key Performance Indicator relating to the release rate must be revised using the definition provided in the “Measuring What Matters” NAPSA document.</li> <li>• The following conditions apply to the (F23) Day Reporting program description:             <ul style="list-style-type: none"> <li>• 2.a. Electronic monitoring eligibility must be revised to meet OCC funding requirements for non-violent felonies as listed in the bulleted section of the program description;</li> </ul> </li> <li>• The Key Performance Measures must be revised to meet the Measuring What Matters definitions. (The county must invert the measures provided)</li> <li>• The following conditions apply to the (C01) Trauma program description:             <ul style="list-style-type: none"> <li>• The target population (1.) must be revised <u>not</u> to include the pretrial population.</li> <li>• Eligibility must be revised to reduce the number of needs scales from three to one in (2.a.);</li> <li>• The treatment principle must be completed within the Evidence-based Principles section;</li> <li>• The KPM section must be revised to include at least one key performance measure (KPM) that evaluates whether the program is achieving the expected effects/changes within a period of time. All data elements used to develop the KPM must be identified.</li> </ul> </li> <li>• county must invert the measures provided)</li> <li>• The following conditions apply to the (G18) OSMP program description:             <ul style="list-style-type: none"> <li>- Pretrial eligibility for (G18) OSMP must be revised to the following: pretrial defendants with prior documented methamphetamine or opiate use history through either previous convictions or self-</li> </ul> </li> </ul>





**PROPOSAL TO THE STATE ADVISORY BOARD OF COMMUNITY CORRECTIONS – FY 2023**

reported use are eligible to be assessed for the OSMP. If the individual does not meet the appropriate diagnosis through the SUD assessment for program enrollment, he/she will not be enrolled.

- (2.d.vii.) must be revised to N/A, as all groups are held at TRICAP
- The KPM referring to defendants must be revised for clarity or removed.

**V. FY 2023 APPROVED PROPOSED COMMUNITY CORRECTIONS PROGRAMS**

CCIS Code & Local Program Name	Target Population & Eligibility Criteria	Projected New Enrollments	Carryovers	Summary
C01 Trauma Group	Sentenced felons: moderate to high in overall risk on the COMPAS assessment and ACE score identifying a need.	20	3	Gender responsive group programming in the community that focuses on trauma, establishing healthy relationships, boundaries, coping skills and recovery skills.
F22 Bond Review & Recommendations	All adult pretrial defendants charged with a felony or assaultive misdemeanor and not on district or circuit court probation.	2,200	0	PRAXIS is administered to screen for early identification and pretrial day reporting eligibility.
F23 Day Reporting	Defendants scoring 3 or higher on the PRAXIS charged with a non-violent offense; defendants scoring 3 or higher and charged with a violent felony and 5 or higher and charged with a non-violent felony qualify for electronic monitoring;	650	375	Court date reminders, verification of address and bond conditions, referrals to programs and new criminal contact checks are completed and drug testing is monitored via check ins. Reporting frequency is based on the PRAXIS score. Electronic monitoring is available for higher risk defendants.
G18 Opiate Specific Program	Participants must score moderate to high on the COMPAS assessment and have a high need on the substance abuse need scale and OUD.	20	3	Offenders needing treatment are referred to TRI-CAP to receive opiate/methamphetamine specific substance abuse group therapy, cognitive behavioral treatment, journaling, peer support, case management and in some cases Vivitrol injections (when Medicaid eligible and consent is given).



# County of Saginaw COMMITTEE OF

MAINTENANCE DEPARTMENT

THE WHOLE

211 CONGRESS  
SAGINAW, MICHIGAN 48602

Tony DePelsMaeker  
Director of Maintenance

September 7, 2022

Chairman Carl Ruth  
Saginaw County Board of Commissioners  
111 S. Michigan Ave.  
Saginaw MI 48602

RE: Presentation of Courthouse Design Study for mechanical renovations

Dear Chairman Ruth:

The courthouse mechanical systems were approved for A.R.P.A. considerations and awarded funding towards a Design Study of these systems thru Kibbie and Associates. This was an enormous undertaking to retrieve proper documents along with field verifications of these systems as well as accurate documented alterations.

This Design Study is now completed with two options for renovations, both options will enhance air quality and efficiencies. My hope is for approval of a specific option so the next level of design can start with detailed drawings and construction documents further detailing the renovations.

I should have Budgetary costs early next week for both options to share at the meeting.

I will be available at the September meeting.

If you have any questions, please feel free to contact me.

Sincerely

Anthony DePelsMaeker  
Maintenance Director

Office – (989)758-2333  
Cell – (989)529-1534

9-14-2

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## **HVAC STUDY**

### **SAGINAW COUNTY COURTHOUSE FRIEND OF THE COURT - COUNTY OFFICE BUILDING**

111 S. Michigan Ave.  
Saginaw, Michigan

July 18, 2022

**WAK** **WILLIAM A. KIBBE & ASSOCIATES, INC.**  
ENGINEERS | ARCHITECTS | SURVEYORS



July 18, 2022

Tony DePelsMaeker  
Director of Maintenance  
County of Saginaw  
211 Congress  
Saginaw, Michigan 48602

**RE: SAGINAW COUNTY COURTHOUSE  
HVAC RENOVATION STUDY  
ENGINEERING SERVICES  
WAK PROJECT #22-0462-0051**

Dear Tony,

In response to your recent request, William A. Kibbe & Associates, Inc. (WAK) offers the following study to define a scope of work to renovate the existing HVAC system at the Saginaw County Courthouse, Friend of the Court, and County Office Buildings located in Saginaw, MI.

This study presents two options for HVAC improvements for the three referenced buildings. The intent of this report is to define a scope of work for design and construction services. The information in this report can be distributed to mechanical contractors for preliminary cost estimating and budgeting.

After review of this Study and a consensus is reached regarding the scope, we anticipate the design process will proceed with Schematic Design, Design Development, and Construction Documents. WAK would recommend bidding and construction Administration be included in the upcoming request for proposal for engineering services.

WAK appreciates the opportunity to present this report to Saginaw County. Please contact us with any questions or comments.

Sincerely,

**WILLIAM A. KIBBE & ASSOCIATES, INC.**



Todd A. Gilroy  
Director of Mechanical Engineering

## **DEFINITIONS**

**Blower Coil** – Air handling equipment with fan, filter, and heating and cooling coils. Normally located above the ceiling. Each blower coil serves an individually temperature-controlled zone. Blower coil is controlled by a space thermostat.

**Commissioning** – A third party engineering consultant retained after project completion to ensure that the controls and systems operate as intended per construction documents. This includes meeting with the Controls Contractor and observing and confirming the sequence of operation and all equipment operation is per construction documents.

**Demand Controlled Ventilation** – Sensor located in the return airstream of an air handler that senses to CO2 levels for the occupants in the space and reduces the outside air requirements resulting in energy savings.

**Economizer** – An operation that an air handling unit performs to introduce fresh air above the minimum requirements which provides free cooling without operating mechanical cooling resulting in energy savings. The economizer is operable when outdoor conditions are acceptable.

**Filtration** – Air filters that removes contaminants, dust, etc. out of the airstream to improve indoor air quality.

**Free Cooling** – Utilizing outdoor air conditions to provide ventilation to the building in lieu of operating mechanical cooling (running compressors), resulting in energy savings.

**Hot Deck/Cold Deck** – An air handling unit that delivers hot and cold airflow (in separate ducts) throughout the building to mixing boxes that are ducted to individual zones for temperature control. The room thermostat controls the mixing of hot and cold airflow to deliver the desired temperature to the space.

**Hot Water Reset** – Modulates the temperature of the hot water supply temperature in the heating season based on the ambient (outside air) temperatures. This result in energy savings by turning down the boiler demand.

**Humidifier** – An air handling component that introduces moisture in the supply air stream increasing relative humidity to the space.

**Make-Up air Unit (DOAS Unit)** – An air handling unit designed to deliver conditioned and filtered fresh air to occupants within the building.

**Mixing Box** – A rectangular box above the ceiling with a volume damper that mixes the hot deck and cold deck air to satisfy room temperature as directed by space thermostat.

**Multi-Zone Air Handling Unit** – An air handling unit that has multiple supply ducts routed to individual temperature control zones the building.

**Occupied/Unoccupied Modes** – An adjustable parameter that controls HVAC system based on whether the building is occupied or unoccupied. During the unoccupied mode, the space temperatures are often

setback and ventilation dampers closed resulting in energy savings. This mode can be overridden if desired.

**Primary Pump** – Circulating pumps that provide flow through the chillers or boilers in a loop connected to the secondary loop by a bridge connection. The primary and secondary loop are de-coupled.

**Re-Heat** – A hot water coil (or electric) to heat the airflow to a space, as directed by space thermostat, after it has been mechanically cooled and dehumidified by an air handling unit.

**Secondary Pump** – Circulating pump, referred to as system pumps, distribute water flow to the building HVAC equipment such as air handling units, re-heat coils, etc. These pumps are typically provided with VFD's

**Test & Balance** – A third party contractor retained to test and balance the HVAC air and hydronic systems to match the construction documents.

**VAV Boxes** – A rectangular box fed from the main AHU supply ductwork that includes a modulating air volume damper and a re-heat coil. The air is delivered to the VAV box at 55 degrees F. It is then re-heated to provide temperature control to the space as directed by the space thermostat.

**VAV System** – A Variable Air Volume (VAV) System consists of an air handling unit delivering cooled air ducted throughout the building to VAV boxes that serve individual zones. The VAV boxes include re-heat coils to increase temperature as directed by the space thermostat to deliver the desired temperature to zone.

**4-Pipe** – Refers to an air handling unit that utilizes cooling water supply and return and heating water supply and return as the source for cooling and heating the supply air.

**VFD** – Variable Frequency Drive refers to a motor speed controller. This will reduce unneeded horsepower resulting in energy savings.

## **ABBREVIATIONS**

**AHU** – Air Handling Unit

**CFM** – Cubic Feet Minute

**DDC** – Direct Digital Control

**DX** – Direct Expansion

**DOAS** – Dedicated Outdoor Air System (fresh air for building occupants)

**GPM** – Gallons Per Minute

**HP** – Horsepower

**HVAC** – Heating, Ventilating and Air Conditioning

**VAV** – Variable Air Volume

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## **INTRODUCTION**

The existing 4-story Courthouse facility was constructed in 1969 and the majority of HVAC equipment, located in the penthouse and adjacent buildings, are original to the building construction.

The adjacent buildings attached to the Courthouse include the Friend of the Court (2-story with basement) and County Office Building (1-story with basement) have chilled water and steam services extended from the Courthouse. These adjacent buildings are inclusive to this study.

This study presents (2) mechanical system options with associated advantages and disadvantages for each option. WAK will also offer a recommendation based on the results of the study.

*The major difference between Option 1 and Option 2 is the proposed Courthouse Building HVAC system. Option 1 for the Courthouse converts the existing Hot Deck/Cold Deck system to a VAV system. Option 2 for the Courthouse re-uses the existing Hot Deck/Cold Deck type system. Both options for the Courthouse include new equipment. Proposed improvements for The Friend of the Court and County Office Buildings are the same for both options. All steam will be replaced with hot water for all three buildings.*

## **OBSERVATIONS (EXISTING CONDITIONS)**

### **Courthouse**

The existing HVAC system for the Courthouse consists of multiple hot deck/cold deck air handling units (AHU's) (Figure 1). The cooling and heating source for the AHU's is chilled water and steam, respectively. The hot and cold ductwork is routed throughout the building that serve approximately (156) mixing boxes (Figure 4) providing zoned temperature control. All floors have perimeter hot water baseboard heat. The hot water is generated by steam to hot water heat exchangers located in the penthouse. The controls are a combination of Direct Digital Control (DDC) and pneumatic (Figures 7, 8, 9). The following major pieces of equipment are being replaced in both options (Refer to SK-1):

- (9) Air Handling Units
  - AC-B1 – 12,000 cfm (Basement)
  - AC-B2 – 4,285 cfm (Basement, cooling only)
  - AC-1 – 23,500 cfm (First Floor)
  - AC-2S – 16,300 cfm (Second Floor)
  - AC-2N – 13,700 cfm (Second Floor)
  - AC-3N – 14,200 cfm (Third Floor)
  - AC-3S – 14,500 cfm (Third Floor)
  - AC-4N – 17,100 cfm (Fourth Floor)
  - AC-4S – 18,200 cfm (Fourth Floor)
- (9) Return Fans (one for each AHU)
- (2) 400 horsepower boilers
- (3) 200-ton chillers
- (5) chilled water pumps
  - CP-1 – 400 gpm, 5 hp (primary)
  - CP-2 – 400 gpm, 5 hp (primary)
  - CP-3 – 400 gpm, 5 hp (primary)

- CP-4 – 1,200 gpm, 75 hp (secondary)
- CP-5 – 1,200 gpm, 75 hp (secondary)
- Mixing Boxes
  - (15) Basement
  - (25) First Floor
  - (36) second Floor
  - (40) Third Floor
  - (40) Fourth Floor
- Controls (existing Johnson Metasys)

In the Courthouse Building, the original water-cooled chiller, cooling tower and pumps were replaced in 2002 with air-cooled chillers and new pumps (Figure 2). The air-cooled chillers (Figure 5) have reached their life expectancy. Compressors have failed on (1) of the (3) air-cooled chillers. The boilers have been retrofitted with new burners and controls (Figure 3).

The chilled water and boiler systems also served the existing jail that has been recently demolished, resulting in an oversized HVAC system serving the Courthouse and adjacent buildings

### **Friend of the Court**

The existing HVAC system for the Friend of Court Building consists of (2) multi-zone air handling units. (1) Roof mounted in the penthouse and (1) located in the Basement Mechanical Room. All floors have perimeter hot water baseboard heat. The hot water is generated by steam to hot water heat exchangers located in the basement mechanical room. The following are the major pieces of equipment being replaced in both options:

- (2) Multi-Zone Air Handling Units
  - ASU-1 – 18,000 cfm (Basement & First Floor)
    - (7) Zones
  - ASU-2 – 16,000 cfm (Second Floor)
    - (4) Zones

The original chilled water system included a cooling tower and water-cooled chiller providing the source of chilled water to the air handlers. The original system was replaced with an air-cooled chiller that has since been abandoned on the roof and should be removed. The current chilled water supply is an extension of the Courthouse chilled water system.

### **County Office Building**

The existing County Office Building HVAC system consists of blower coils for zoned temperature control of the basement and first floor. (5) of the blower coils are supplied with hot water heating and DX (direct expansion) cooling with associated condensing units (Figure 6) located on the roof. The remaining (7) blower coils are served with hot water heat and chilled water (4-pipe). The ventilation to the rooms is achieved with a dedicated outdoor air system (DOAS) unit located in the basement with ventilation air ducted throughout the building and connected to the neck of the supply diffuser in each occupied space. All floors have perimeter hot water baseboard heat.

The chilled water and steam services to the County Office Building are an extension of the Courthouse mechanical system. The hot water is generated by steam to hot water heat exchangers also located in

the basement mechanical room. The following major pieces of equipment are being replaced in both options:

- Make-Up Air Unit
  - MUA-1 – 4,000 cfm
  - 400.0 mbh input heating
  - 260.0 mbh cooling

### **OPTION 1**

#### **Courthouse**

##### **Air Handling**

The proposed HVAC improvements for the Courthouse building for Option 1 include replacing the existing Hot Deck/Cold Deck air handling units with new VAV (variable air volume air handling units). The new air handling units will deliver cool air to numerous VAV boxes (w/re-heat) for individual control of space temperature. The VAV boxes will replace the existing mixing boxes. Most of the existing ductwork will be re-used. The cold deck ductwork will be re-used for supply air and the hot deck will be abandoned in place.

##### **Heating**

New high efficiency hot water boilers will replace the existing steam boilers in the penthouse which will serve the new air handling units and perimeter baseboard heat on all floors. New hot water piping will replace the existing steam piping. The existing steam piping shall be capped and abandoned extending to the Friend of the Court and the County Office Buildings. However, hot water piping will be extended to the first floor air handler. The unused existing steam, condensate piping, condensate pumps, traps, etc. shall be removed inside the mechanical penthouse.

##### **Chilled Water**

The new chilled water system will consist of new chillers, new primary, and secondary pumps. Most of the existing chilled water piping will be re-used for the new Courthouse air handlers and extensions to the Friend of Court and County Office Building. Following is a list including some of the main equipment being installed.

- New air handling units w/VFD's
  - Hot water heating coil
  - Chilled water cooling coil
  - Filtration
  - Economizer
  - Humidifier
- Return Fans w/VFD's
- VAV Boxes with re-heat coils (to replace mixing boxes)
- Hot water piping to VAV boxes
- Hot Water Boilers
  - High Efficiency
- Boiler Pumps
- Chillers

- High Efficiency
- Free Cooling
- Chilled Water Pumps
- DDC Controls
  - Demand Controlled Ventilation
  - Hot Water Reset
  - Occupied/Unoccupied Modes
- Test & Balance
- Commissioning

#### Additional Demolition for Option 1

- Condensate Receiver
- Condensate Return Pumps
- Steam/Hot Water Heat Exchanger
- Steam and condensate piping and traps

### **Friend of the Court**

#### Air Handling

The proposed HVAC improvements for the Friend of Court Building for Option 1 include replacing the existing Multi-Zone air handling units with new VAV air handling units. The new air handling units will deliver cool air to VAV boxes (w/re-heat) for individual control of space temperature. The VAV boxes will be added to the existing ductwork. The majority of existing ductwork will be re-used.

#### Heating

New high efficiency hot water boilers will be added for this building with piping routed to the new air handling units and perimeter baseboard heat on all floors. New hot water piping will replace the existing steam piping. The unused existing steam, condensate piping, condensate pumps, traps, etc. shall be removed inside the mechanical room.

#### Chilled Water

The chilled water service will remain as an extension from the Courthouse Building to the (2) new air handling units.

Following is a list including some of the main equipment being installed.

- New air handling units w/VFD's
  - Hot water heating coil
  - Chilled water cooling coil
  - Filtration
  - Economizer
  - Humidifier
- VAV Boxes with re-heat coils
- Hot Water Boilers
- Boiler Pumps
- DDC Controls
  - Demand Controlled Ventilation
  - Hot Water Reset



➤ Occupied/Unoccupied Modes

- Test & Balance
- Commissioning

Additional Demolition for Option 1

- Condensate Return Pumps
- Steam/Hot Water Heat Exchanger
- Steam and condensate piping and traps

**County Office Building**

Air Handling

The proposed HVAC improvements for the Friend of County Office Building for Option 1 include replacing the existing Make-Up Air Unit with new. The new Make-Up Air Unit will deliver ventilation air to all occupied spaces like the existing system. The existing blower coils (above ceiling) will remain. (5) of the DX cooling blower coils will include new rooftop condensing units and new refrigerant piping. The existing ductwork will be re-used.

Heating

New high efficiency hot water boilers will be added for this building with piping connected downstream of the steam/hot water heat exchanger. The new hot water piping will serve the new make-up air unit, and existing baseboard heat and blower coils. The existing hot water piping will be re-used. The unused existing steam, condensate piping, condensate pumps, traps, etc. shall be removed inside the mechanical room.

Chilled Water

The chilled water service will remain as an extension from the Courthouse Building to the new make-up air unit and existing blower coils.

Following is a list including some of the main equipment being installed.

- New Make-Up Air Unit
- Hot Water Boilers
- VAV Boxes with re-heat coils

Additional Demolition for Option 1

- Condensate Return Pumps
- Steam/Hot Water Heat Exchanger
- Steam and condensate piping and traps

Advantages (Option 1):

- ✓ More energy efficient

Disadvantages (Option 1):

- ✓ Higher Cost
- ✓ Hot water piping to VAV box re-heat coils requires extensive hydronic piping on all floors of the Courthouse.
- ✓ More removal of ceilings

## OPTION 2

### Courthouse

#### Air Handling

The proposed HVAC improvements for the Courthouse building for Option 2 include replacing the existing Hot Deck/Cold Deck air handling units with new Hot Deck/Cold Deck air handling units. The new air handling units will have chilled and hot water coils. The new Penthouse air handling units will deliver hot/cold air to new mixing boxes on each of the four floors. New mixing boxes will replace the existing. Most of the existing ductwork will be re-used.

The new first floor air handler will be a conventional type of air handler and deliver 55 degree F to the VAV boxes (unlike the air handlers in the penthouse).

#### Heating

New high efficiency hot water boilers will replace the existing steam boilers in the penthouse which will serve the new air handling units and perimeter baseboard heat on all floors. New hot water piping will replace the existing steam piping. The existing steam piping shall be capped and abandoned extending to the Friend of the Court and the County Office Buildings. The unused existing steam, condensate piping, condensate pumps, traps, etc. shall be removed inside the mechanical penthouse.

Hot water piping will be extended to the first floor air handler and re-heat for the new VAV boxes. The first floor air handler is currently cooling only.

#### Chilled Water

The new chilled water system will consist of new chillers, new primary, and secondary pumps. Most of the existing chilled water piping will be re-used for the new Courthouse air handlers and extensions to the Friend of Court and County Office Building.

Following is a list including some of the main equipment being installed.

- (8) New air handlings – Multi-Zone
  - Hot water heating coil
  - Chilled water cooling coil
  - Filtration
  - Economizer
  - Humidifier
- (1) New air handling unit (basement)
- New VAV boxes (for first floor air handler in basement only)
- Return Fans
- Mixing Boxes (replace existing)
- Hot Water Boilers
  - High Efficiency
- Boiler Pumps
- Chillers
  - High Efficiency
  - Free Cooling
- Chilled Water Pumps
- DDC Controls

- Demand Controlled Ventilation
- Hot Water Reset
- Occupied/Unoccupied Modes
- Test & Balance
- Commissioning

Additional Demolition for Option 2

- Condensate Return Pumps
- Steam/Hot Water Heat Exchanger
- Steam and condensate piping and traps

**Friend of the Court**

Improvements for this building are same as option 1

**County Office Building**

Improvements for this building are same as option 1

**Advantages (Option 2):**

- ✓ Lower Cost than option 1
- ✓ Less disruption to building occupants than option 1
- ✓ Less removal of ceilings than option 1

**Disadvantages (Option 2):**

- ✓ Consumes more energy than option 1

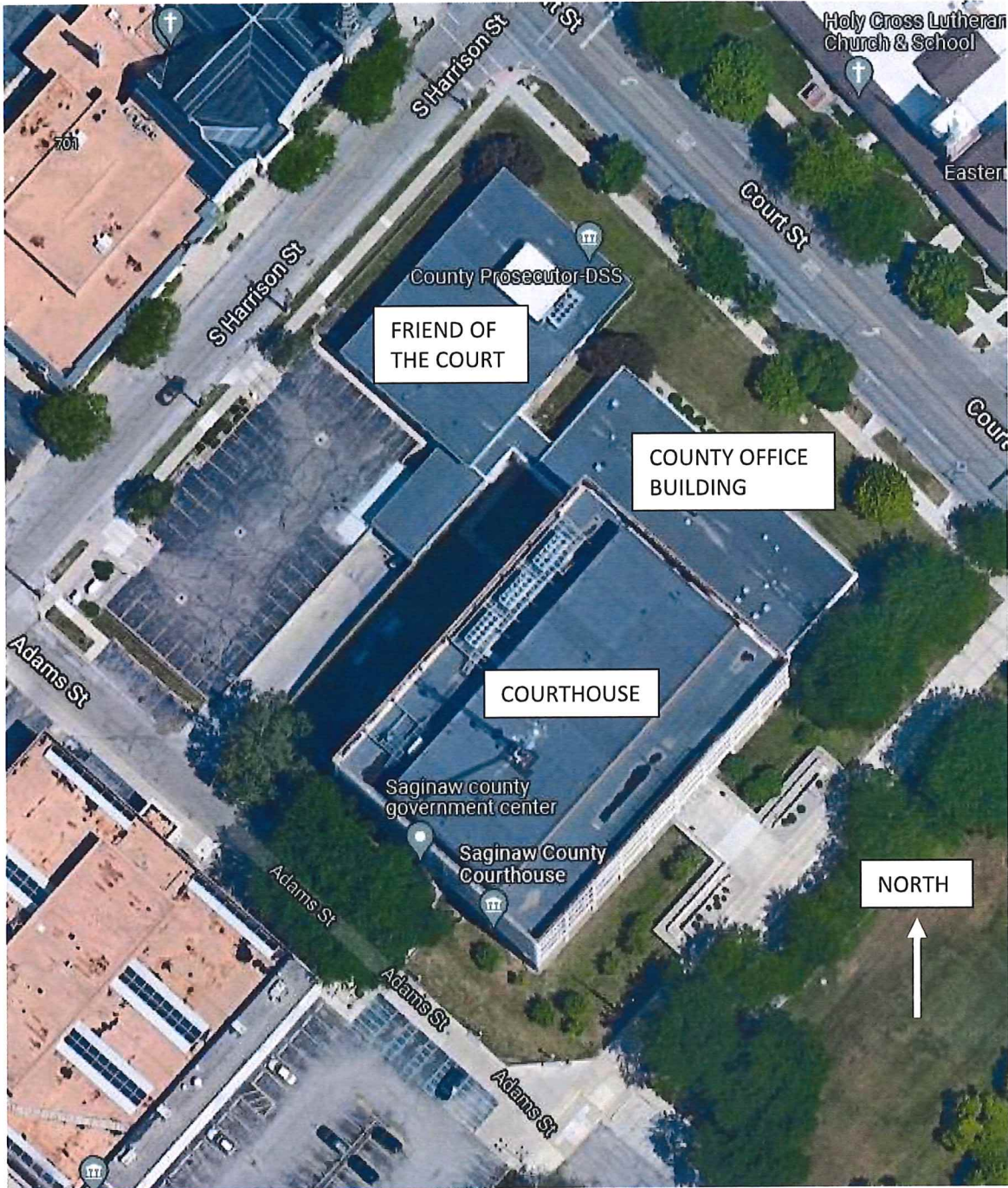
**HVAC Recommendation**

WAK recommends Option 2 based on the least amount of disruption to the Courthouse Building operations. Option 2 includes replacing all the air handlers in the Courthouse and replacing the mixing boxes as scheduled occupant relocation permits. Replacing the mixing boxes require no hydronic (water) piping.

Option 1 offers the highest energy savings but will result in extensive renovation of interior ceilings and disruption of employees and building operations. The construction cost will be significantly higher than option 2. Option 1 would require routing hot water piping to approximately (156) VAV boxes.

**Electrical Recommendation**

All electrical shall be upgraded with the HVAC equipment. The existing VFD's are newer equipment and should be reused as applicable for the new HVAC equipment. The original motor control center in the penthouse should be replaced with a distribution panel and circuit breakers to feed the new equipment. As equipment is replaced all conduit, wiring and local service disconnects shall be replaced from the new distribution panel.



LOCATION MAP

**MECHANICAL CODES**

2015 Michigan Rehabilitation Code

2018 International Mechanical Code

2018 Michigan Mechanical Code

**ENERGY EFFICIENCY OPPORTUNITIES**

High Efficiency Hot Water Boilers

High Efficiency Chillers with Free Cooling

Variable Frequency Drives (Pumps and Air Handling Units)

Demand Controlled Ventilation

Hot Water Reset

Occupied/Unoccupied Modes

Airside Economizer

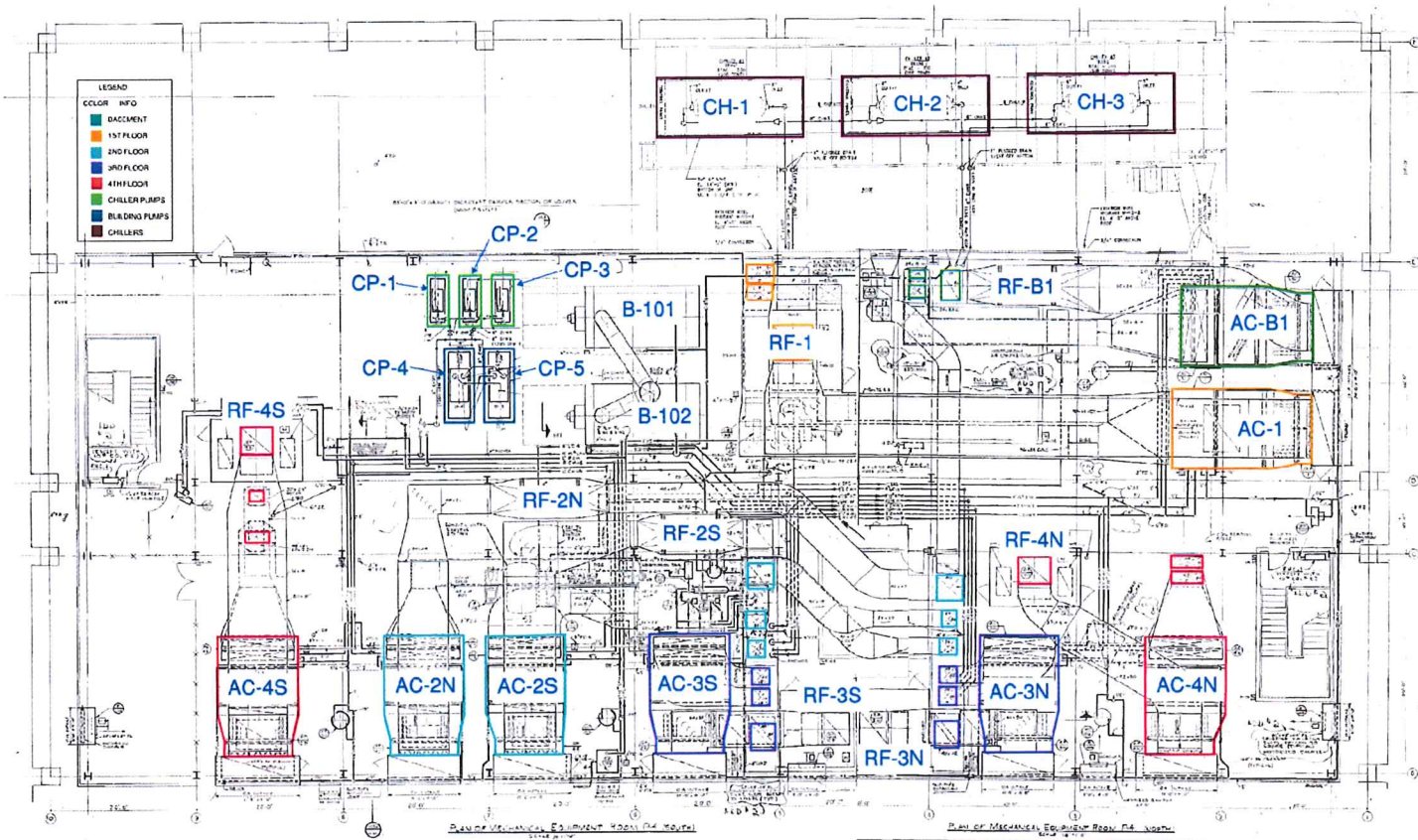
Properly sized HVAC systems for the buildings being served

New DDC Controls

**HAZARDOUS MATERIALS**

The presence of hazardous materials including asbestos and lead shall be identified and abated prior to any work being done. Hazardous materials shall be abated by a licensed abatement contractor. Consult owner for existing abatement reports.

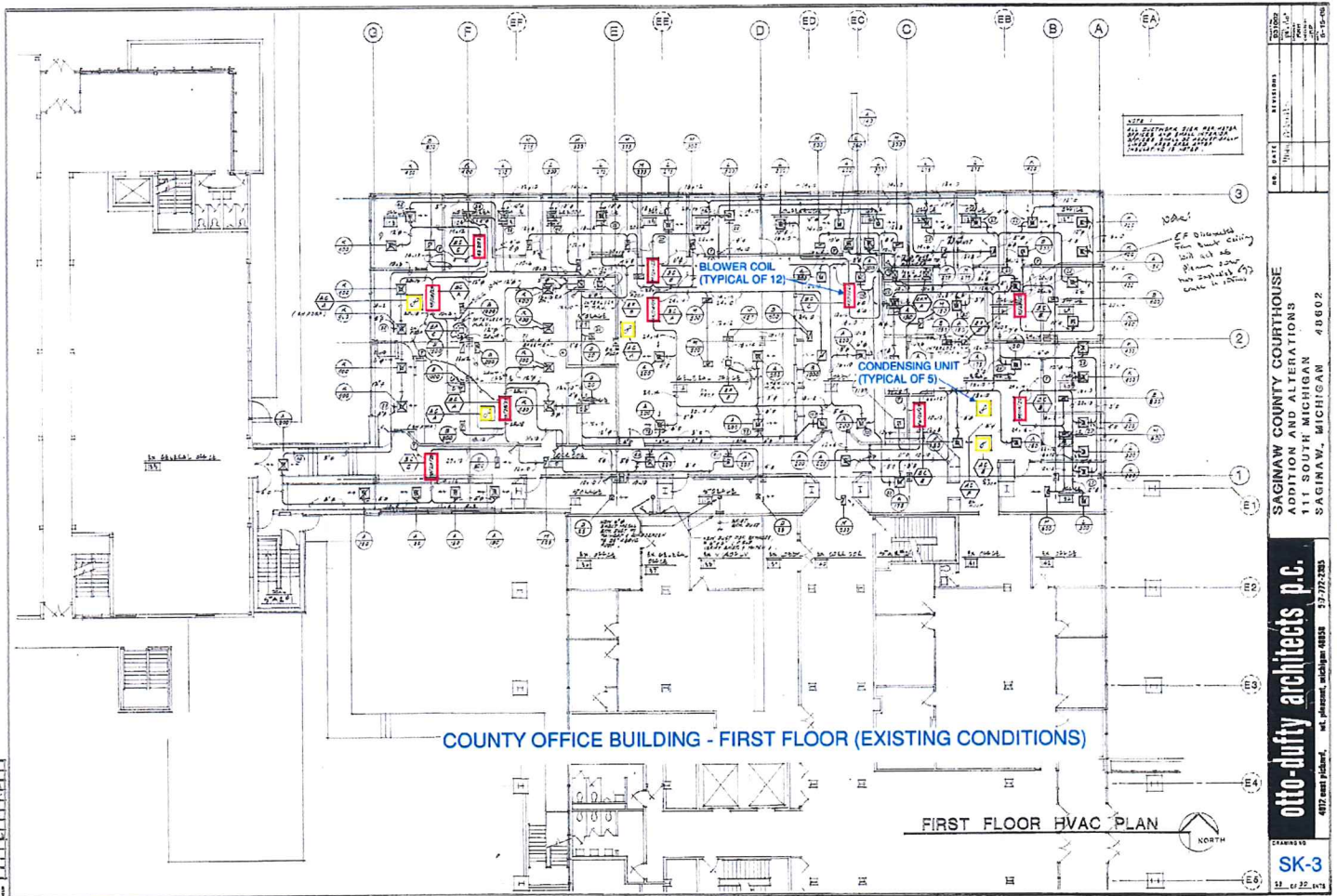




COURTHOUSE - PENTHOUSE PLAN (EXISTING CONDITIONS)







COUNTY OFFICE BUILDING - FIRST FLOOR (EXISTING CONDITIONS)

FIRST FLOOR HVAC PLAN

NOTE 1  
 ALL ROOMS ARE TO BE  
 EQUIPPED WITH 12" X 24" X 12"  
 CEILING SPRINKLERS  
 WITH 100° THERMAL  
 LINKS AND 100°  
 PLUGS. SPRINKLER  
 HEADS SHALL BE  
 INSTALLED IN ALL  
 ROOMS.

NOTE 2  
 SEE DRAWINGS FOR  
 ROOM SCHEDULES  
 WITH ALL ROOM  
 PLANS. ROOM  
 NUMBERS SHALL  
 MATCH IN ALL  
 DRAWINGS.

NO.	DATE	REVISIONS

SAGINAW COUNTY COURTHOUSE  
 ADDITION AND ALTERATIONS  
 111 SOUTH MICHIGAN  
 SAGINAW, MICHIGAN 48602

otto-durty architects p.c.  
 437 east pldmnd, mt. pleasant, michigan 48858 517-772-2335

SK-3  
 11.11.22





Figure 1: Courthouse Hot Deck/Cold Deck Air Handling Unit



Figure 2: Courthouse Chilled Water Pumps



Figure 3: Courthouse Steam Boilers



Figure 4: Courthouse Mixing Box



Figure 5: Courthouse Air-Cooled Chillers



Figure 6: County Office Building Roof





Figure 7: Courthouse Air handling Unit Controls

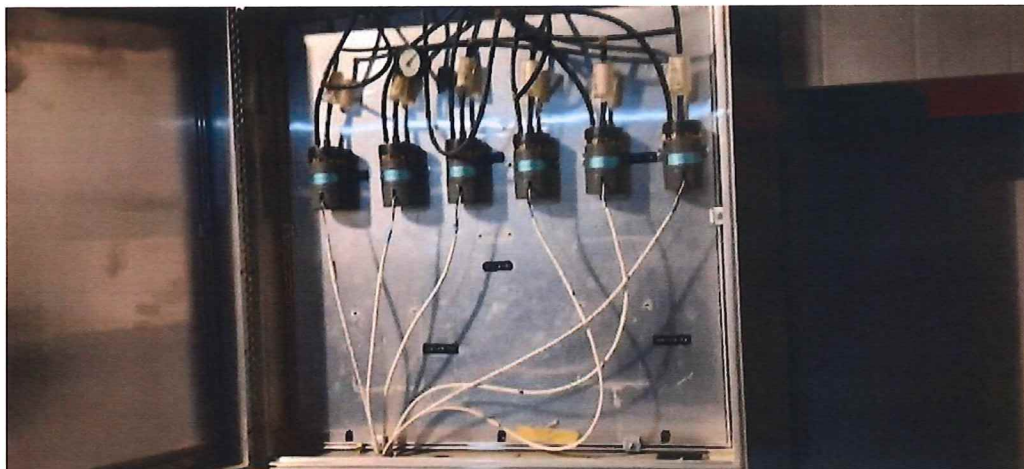


Figure 8: Courthouse HVAC Controls

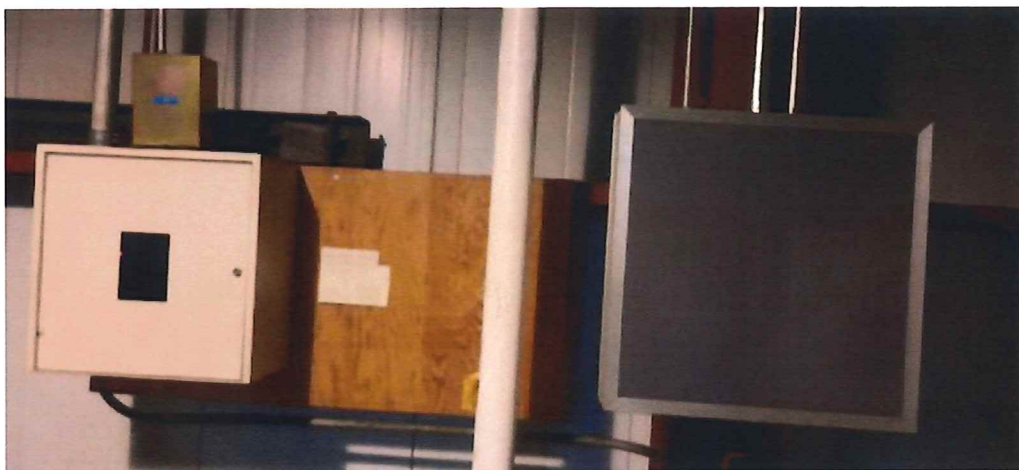


Figure 9: Courthouse HVAC Controls



**COUNTY OF SAGINAW**  
OFFICE OF COUNTY CONTROLLER

**COMMITTEE OF  
THE WHOLE**

111 SOUTH MICHIGAN AVENUE  
SAGINAW, MICHIGAN 48602

9-14-3

September 9, 2022

**ROBERT V. BELLEMAN**  
Controller/Chief Administrative Officer  
rbelleman@saginawcounty.com

Carl E. Ruth, Chairman  
Saginaw County Board of Commissioners  
111 S. Michigan Avenue  
Saginaw, MI 48602

RECEIVED  
SAGINAW COUNTY  
BOARD OF COMMISSIONERS  
2022 SEP - 9 3:04 PM

**RE: REQUEST TO FUND EMPLOYEE HEALTHCARE COSTS AS RELATED TO COVID-19 EXPENSES**

Dear Chairman Ruth,

I am requesting a recommendation to the Board of Commissioners for additional funding to the employee healthcare fund in the amount of \$464,346.21 from the County's available America Rescue Plan Act (ARPA) funding.

At the November 16, 2021 Executive Committee Meeting the Board of Commissioners approved to apply \$442,870.00 in ARPA funding toward 2022 employee healthcare to reduce the employee contribution amount.

Attached is a report from ASR regarding claim information relating to COVID-19 expenses for active employees covered by our health insurance plan. For period March 3, 2021 through December 31, 2021 total incurred and paid claims totaled \$612,102.46, a difference from the approved amount of \$169,232.46. For period January 1, 2022 through August 31, 2022 total incurred and paid claims totaled \$295,113.75. The \$464,346.21 is the difference in the approved amount from March 3, 2021 through December 31, 2021 plus the incurred and paid claims from January 1, 2022 through August 31, 2022.

I plan to attend the September 14, 2022 Committee of the Whole meeting, should you have any questions.

Sincerely,

Patricia Johnson  
Retirement/Benefits Administrator

C: Robert V. Belleman, Controller/CAO  
Koren Thurston, Director of Finance

## COVID-19 Treatment Claim Costs

- 3/3/21 – 12/31/21 – Total Incurred & Paid Claims: \$612,102.46
- 1/1/22 – 7/31/22 – Total Incurred & Paid Claims: \$295,113.75