

Project #	20-07-01	Project Title	Land Options Study/Long Range Planning
Department		Manager	
Phase	Concept		
Budget Action	Delete	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2007	2015	2016	2017	2018	Total
Project Phase	Concept	Design	Construction	Construction	Construction	Project
Expenditure Budget	500,000					500,000
Revenue Budget						0
Net County Cost	500,000	0	0	0	0	500,000
COST DOCUMENTATION				REVENUE		
Architect/Engineering		500,000				-
Land		-				-
Land Improvements		-				-
Building		-				-
Building Improvements		-				-
Plans		-				-
Project Manager/Contractor		-				-
Site Preparation		-				-
Equipment		-				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		500,000				-
Expenditure Budget		500,000				500,000
				Total Revenue		-
				Revenue Budget		500,000

Project Scope & Description:

This project is to start the process of identifying potential land options, concept designs, and planning processes related to space needs and possible locations for future and existing county facilities.

Location:

County wide

Analysis of Need:

County facilities continue to age, and citizens needs for services continue to change. As we plan into our future, prudent planning for efficient use of space and needs is crucial. As improvements in efficiency happen and potential changes in department locations and facility needs arise, we must be prepared to make logical moves that are part of our long term future vision for county facilities.

Alternatives:

Ongoing Operation Costs:

Previous Action:

Funding was appropriated in the 2007 budget in the amount of \$500,000. This project has been utilized for concept design related to the proposed Courthouse Concept Project in 2009. As well as improved security enhancements in the Courthouse facility.

2014-2019 Capital Plan: Delayed.

Project #	20-11-03	Project Title	HVAC –Health Care Center
Department	HCC	Manager	Todd Neuenfeldt
Phase	Design		
Budget Action	Update \$, Delay	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2012	2014	2017	2018	2019	Total
Project Phase	Design	Design	Design	Construction	Construction	Project
Expenditure Budget	90,000		410,000	2,122,887		2,622,887
Revenue Budget						0
Net County Cost	90,000	0	410,000	2,122,887	0	2,622,887
COST DOCUMENTATION				REVENUE		
Architect/Engineering		156,000				-
Land		-				-
Land Improvements		-				-
Building		1,816,887				-
Building Improvements		-				-
Plans		-				-
Project Manager/Contractor		650,000				-
Site Preparation		-				-
Equipment		-				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		2,622,887		Total Revenue		-
Expenditure Budget		2,622,887		Revenue Budget		2,622,887

Project Scope & Description:

Replace HVAC systems for the entire facility. Remove the asbestos from the associated HVAC equipment and piping. The new HVAC system would be a hot water VAV (Variable Air Vane) system including air conditioning and a DDC (Direct Digital Control) System. All resident rooms will have their own temperature control.

Location:

Portage County Health Care Center

Analysis of Need:

Currently the buildings heat source is completely steam driven from two steam boilers installed when the main building was built. These boilers are past their life expectancy and are inefficient by today's standards. The steam lines in the building have experienced several failures, with more frequent failures expected as the lines continue to wear from usage. North and South Wings have inadequate ventilation, substandard, inefficient air conditioning. The East Wing utilizing a number of split system air conditioners and window mounted air conditioning units located throughout the wings. East Wing is heated with hot water generated from a steam to hot water heat exchanger and has air conditioning provided by multiple split system air conditioners. The administration and front lobby area is heated with hot water generated from another steam to hot water heat exchanger and is the only area of the building that is completely cooled from a forced air - air conditioning system. The basement of the building is heated with steam and has very minimal ventilation and no air conditioning with the exception of the laundry area. The entire building's heating/cooling control is a pneumatic control system installed as each area of the building was constructed. Pneumatic control systems are difficult to control, maintain, and are less efficient and typically no longer installed. There have been no major upgrades to the control system. The Health Care Center is receiving more requests each year for air conditioning from residents, their families and more often is ordered by physicians for care and comfort of the resident due to chronic pulmonary conditions.

Project #	20-11-03	Project Title	HVAC –Health Care Center
Department	HCC	Manager	Todd Neuenfeldt
Phase	Design		
Budget Action	Update \$, Delay	Date	March 1, 2013

Alternatives:

We have been placing portable air conditioning room units (towers) or fans into rooms and halls to address this issue during periods of excessive heat.

Ongoing Operation Costs:

Substantial energy saving is expected.

Previous Action:

Funding appropriated in 2012 budget in the amount of \$1,500,000. After original design estimates, funding was reduced to \$500,000 to design the appropriate system after original design estimates showed a need for additional funding.

2013-2018 Capital Plan: Funding appropriation reduced in 2013 budget to \$90,000; further design and planning needs to be determined to proceed.

2014-2019 Capital Plan: Updated funding estimates still needed, delayed.

Project #	20-12-04	Project Title	Gilfry Tunnel & Stairs Improvement
Department	Facilities	Manager	Todd Neuenfeldt
Phase	Construction		
Budget Action	Delay	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2012	2014	2016	2017	2018	Total
Project Phase	Construction	Construction	Construction	Construction	Construction	Project
Expenditure Budget	40,000					40,000
Revenue Budget						0
Net County Cost	40,000	0	0	0	0	40,000
COST DOCUMENTATION				REVENUE		
Architect/Engineering		-			State Grant	-
Land		-			User Fees	-
Land Improvements		-				-
Building		-				-
Building Improvements		40,000				-
Plans		-				-
Project Manager/Contractor		-				-
Site Preparation		-				-
Equipment		-				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		40,000			Total Revenue	-
Expenditure Budget		40,000			Revenue Budget	-

Project Scope & Description:

Replace tunnel walls and roof. Replace with poured walls and new roof with necessary excavation.

Location:

Health & Human Services, Ruth Gilfry Building.

Analysis of Need:

Tunnel is cracked from shifting, in part due to deterioration of block walls.

Alternatives:

Ongoing Operation Costs:

Routine preventative maintenance.

Previous Action:

Funding appropriated in 2012 budget in the amount of \$40,000. Stairs improvements are completed; however, tunnel improvements are currently delayed while determining best design option.

2013-2018 Capital Plan: Project remains delayed impending design option for tunnel.

2014-2019 Capital Plan: Delayed.

Project #	20-12-05	Project Title	Upgrade Lighting in County Buildings
Department	Facilities Management	Manager	Todd Neuenfeldt
Phase	Concept		
Budget Action	Delete	Date	March 1, 2013

2014-2019 Capital Plan: Updated funding estimates still needed, delayed.

Project #	20-14-01	Project Title	Courthouse Elevator Cab and Control Upgrades
Department	Facilities Management	Manager	Todd Neuenfeldt
Phase	Construction		
Budget Action	Delay	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2014	2015	2016	2017	2018	Total
Project Phase	Construction	Construction	Construction	Construction	Construction	Project
Expenditure Budget				150,000		150,000
Revenue Budget						0
Net County Cost	0	0	0	150,000	0	150,000
COST DOCUMENTATION				REVENUE		
Architect/Engineering		-				-
Land		-				-
Land Improvements		-				-
Building		-				-
Building Improvements		150,000				-
Plans		-				-
Project Manager/Contractor		-				-
Site Preparation		-				-
Equipment		-				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		150,000				-
Expenditure Budget		150,000				-
				Total Revenue		-
				Revenue Budget		-

Project Scope & Description:

Replace controls and upgrade cab of elevators at the courthouse.

Location:

Portage County Courthouse, 1516 Church Street.

Analysis of Need:

These upgrades will meet current ADA requirements. Controls for elevators are over 50 years old and have exceeded life expectancy. Replacement parts may not be available in the future and reliability will decrease.

Alternatives:

None.

Ongoing Operation Costs:

None, minimal utility savings is expected.

Previous Action:

2014-2019 Capital Plan: Approved as new project.

Project #	20-14-02	Project Title	Gilfry Cooling Tower Replacement
Department	Facilities Management	Manager	Todd Neuenfeldt
Phase	Construction		
Budget Action	As Planned	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2014	2015	2016	2017	2018	Total
Project Phase	Construction	Construction	Construction	Construction	Construction	Project
Expenditure Budget	90,000					90,000
Revenue Budget						0
Net County Cost	90,000	0	0	0	0	90,000
COST DOCUMENTATION				REVENUE		
Architect/Engineering		-				-
Land		-				-
Land Improvements		-				-
Building		90,000				-
Building Improvements		-				-
Plans		-				-
Project Manager/Contractor		-				-
Site Preparation		-				-
Equipment		-				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		90,000				-
Expenditure Budget		90,000				-
				Total Revenue		-
				Revenue Budget		-

Project Scope & Description:

Replace Cooling Tower.

Location:

Ruth Gilfry Building, 817 Whiting Avenue - southwest side of the building near the garage.

Analysis of Need:

The cooling tower is an important part of the cooling system. The cooling tower removes heat from the water that was used by the heat pumps to cool the building. Thousands of gallons of water run thru the cooling tower everyday, causing wear on the inside of the piping. The bottom of the tower is a large water basin that corrodes over time causing leaks and failure. Failure is not an option as the building would be left without cooling.

Previous improvements include installing a frequency drive on the fan and updating some of the controls. The median water piping has been replaced from the building out to the tower and will be reused with the new tower.

Alternatives:

None, without the installation of a new HVAC system for the entire building. The county will need a cooling tower as long as the building is operated with a heat pump system.

Ongoing Operation Costs:

There are no ongoing operational costs, minimal energy savings are expected.

Previous Action:

2014-2019 Capital Plan: Approved as new project.

Project #	20-15-01	Project Title	Generator Replacement at Law Enforcement
Department	Facilities Management	Manager	Todd Neuenfeldt
Phase	Concept		
Budget Action	Delay	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2016	2017	2018	2019	2020	Total
Project Phase	Concept	Construction				Project
Expenditure Budget	5,000	200,000				205,000
Revenue Budget						0
Net County Cost	5,000	200,000	0	0	0	205,000
COST DOCUMENTATION				REVENUE		
Architect/Engineering		5,000				-
Land		-				-
Land Improvements		-				-
Building		-				-
Building Improvements		200,000				-
Plans		-				-
Project Manager/Contractor		-				-
Site Preparation		-				-
Equipment		-				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		205,000				-
Expenditure Budget		205,000				-
						Total Revenue
						Revenue Budget
						-

Project Scope & Description:

Replace existing generator and associated switch gear.

Location:

Portage County Law Enforcement Center.

Analysis of Need:

Generator serves critical public services (Law Enforcement, Dispatch, Phone and Computer Services for all County buildings and Emergency services) failure is not acceptable.

Alternatives:

Continue to run as is and run greater risk of failure.

Ongoing Operation Costs:

There are no ongoing operation costs.

Previous Action:

2014-2019 Capital Plan: Approved as new project.

Project #	20-15-02	Project Title	Courtroom One and Two Remodel
Department	Facilities Management	Manager	Todd Neuenfeldt
Phase	Concept		
Budget Action	Delay	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2015	2016	2017	2018	2019	Total
Project Phase		Concept	Construction			Project
Expenditure Budget		7,500	155,000			162,500
Revenue Budget						0
Net County Cost	0	7,500	155,000	0	0	162,500
COST DOCUMENTATION				REVENUE		
Architect/Engineering		7,500				-
Land		-				-
Land Improvements		-				-
Building		-				-
Building Improvements		100,000				-
Plans		-				-
Project Manager/Contractor		-				-
Site Preparation		-				-
Equipment		50,000				-
Furniture		5,000				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		162,500				-
Expenditure Budget		162,500				-
				Total Revenue		-
				Revenue Budget		-

Project Scope & Description:

Remodel of courtrooms and benches in courtrooms one and two to provide additional security and technology improvements. This project includes asbestos abatement and floor tile replacement.

Location:

Portage County Courthouse, 1516 Church Street.

Analysis of Need:

Current courtrooms do not offer technology to provide for current procedures. Current configuration of courtrooms creates a blind spot for video appearances.

Alternatives:

Continue as is.

Ongoing Operation Costs:

There are no ongoing operation costs.

Previous Action:

2014-2019 Capital Plan: Approved as new project.

Project #	20-15-03	Project Title	Annex Chiller Replacement
Department	Facilities Management	Manager	Todd Neuenfeldt
Phase	Design		
Budget Action	As Planned	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2015	2016	2017	2018	2019	Total
Project Phase	Design	Construction				Project
Expenditure Budget	5,000	100,000				105,000
Revenue Budget						0
Net County Cost	5,000	100,000	0	0	0	105,000
COST DOCUMENTATION				REVENUE		
Architect/Engineering		5,000				-
Land		-				-
Land Improvements		-				-
Building		-				-
Building Improvements		100,000				-
Plans		-				-
Project Manager/Contractor		-				-
Site Preparation		-				-
Equipment		-				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		105,000				-
Expenditure Budget		105,000				-
						Total Revenue
						Revenue Budget
						-

Project Scope & Description:

Replace chiller for the Annex Building.

Location:

Portage County Courthouse Annex Building.

Analysis of Need:

Chiller is nearing its life expectancy. The original was installed in 1998.

Alternatives:

None.

Ongoing Operation Costs:

None, moderate utility savings is expected.

Previous Action:

2014-2019 Capital Plan: Approved as new project.

Project #	20-15-04	Project Title	Renewable Energy Project Analysis
Department	Facilities Management	Manager	County Executive Dreier/Todd Neuenfeldt
Phase	Development		
Budget Action	New	Date	June 2, 2014

CAPITAL BUDGET SUMMARY						
Year	2015	2016	2017	2018	2019	Total
Project Phase	Concept/Design	Construction				Project
Expenditure Budget	40,000	0				40,000
Revenue Budget						0
Net County Cost	40,000	0	0	0	0	40,000
COST DOCUMENTATION			REVENUE			
Architect/Engineering		40,000			State/Federal Grants	TBD
Land		0			User Fees	0
Land Improvements		0			Focus on Energy Grants	TBD
Building		0				0
Building Improvements		0				0
Plans		0				0
Project Manager/Contractor		0				0
Site Preparation		0				0
Equipment		0				0
Furniture		0				0
Fixtures		0				0
Advertising/Legal Notices		0				0
Total Project Cost		40,000			Total Revenue	0
Expenditure Budget		40,000			Revenue Budget	0

Project Scope & Description:

The goal of this project is to explore options and design a solar project(s) that will “feed the grid” to yield at least enough revenues to offset the annual operating cost of electricity/natural gas for Portage County facilities (approximately \$700,000/year per Strategic Energy Management Plan, 2011) as well as cover solar project annual operating maintenance costs. A solar “farm” design as well as other solar options will be explored, with the best option(s) selected to go forward for design. Grants and partnerships will be explored and leveraged. Partners could include, but are not limited to the University of Wisconsin, U.S. Department of Energy, and/or the Midwest Renewable Energy Association.

Location:

Various county-owned properties will be evaluated, including our Portage County landfill.

Analysis of Need:

Energy costs continue to rise. It is fiscally and environmentally responsible for Portage County to make a commitment to renewable energy in accordance with our Strategic Energy Management Plan. Getting revenue “relief” to offset rising costs of utilities in the operating levy will provide essential budget flexibility, help Portage County maintain core services while holding down taxes, and help us reach our goal of having \$1 million for capital projects in our operating levy. During times of rising fossil fuel and other costs along with levy caps, this solar initiative can provide a creative solution.

Alternatives:

Do nothing and continue to increase the budget line items for utilities as energy costs will inevitably rise. Solar retrofits to individual buildings are alternatives, but infrastructure costs may be great than consolidating infrastructure in a solar farm type of design. We will explore pros/cons of all solar alternatives.

Project #	20-15-04	Project Title	Renewable Energy Project Analysis
Department	Facilities Management	Manager	County Executive Dreier/Todd Neuenfeldt
Phase	Development		
Budget Action	New	Date	June 2, 2014

Ongoing Operation Costs:

Renewable energy projects are designed to provide revenue. Costs of maintenance and staffing will not exceed the revenue or cost avoidances.

Previous Action:

Solar energy is used in solar hot water heaters in the Portage County Parks.

Project #	20-17-01	Project Title	Courthouse Window Replacement
Department	Facilities Management	Manager	Todd Neuenfeldt
Phase	Design		
Budget Action	As Planned	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2015	2016	2017	2018	2019	Total
Project Phase			Design	Construction		Project
Expenditure Budget			7,500	535,000		542,500
Revenue Budget				(25,000)		(25,000)
Net County Cost	0	0	7,500	510,000	0	517,500
COST DOCUMENTATION				REVENUE		
Architect/Engineering		7,500		Possible Focus on Energy Rebates		(25,000)
Land		-				-
Land Improvements		-				-
Building		-				-
Building Improvements		500,000				-
Plans		-				-
Project Manager/Contractor		-				-
Site Preparation		35,000				-
Equipment		-				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		542,500		Total Revenue		(25,000)
Expenditure Budget		542,500		Revenue Budget		(25,000)

Project Scope & Description:

Replace all windows at the Courthouse. This includes asbestos abatement.

Location:

Portage County Courthouse, 1516 Church Street.

Analysis of Need:

First floor windows are over 50 years old and second floor windows are over 25 years old offering very limited energy efficiency.

Alternatives:

None.

Ongoing Operation Costs:

None, considerable utility savings is expected.

Previous Action:

2014-2019 Capital Plan: Approved as new project.