

**GENERAL SUMMARY**

The 2010 capital project expenditures decrease \$46,000 from the 2009 Adopted Budget to \$19.4 million. Changes are identified by functional area below.

**Justice and Public Safety**

Projects in this functional area total \$3.8 million, with no change from the prior year. The budget includes construction funds of \$934,000 to harden and expand the Radio Service Building for future needs and construction funds of \$1,685,000 to a secured corridor to separate inmates from the public in courthouse. A third construction project for \$580,000 will renovate and upgrade District Attorney office space. Planning begins for program and building improvements at Northview. First year funding of \$450,000 will begin the upgrade and integration of courtroom technology.

**Health and Human Services**

The Human Services area includes \$250,000 for a budget and concept study for a planned new building. It will replace the current 1911 building and the current Public Health Center. The project is planned to begin construction in 2013 with total project funding of \$36.7 million.

**Parks, Environment, Education and Land Use**

Projects in this functional area total almost \$2 million, an increase of \$885,000. This area includes construction and landscaping for a maintenance building at Retzer Nature Center for \$ 809,000 and the first year funding at \$480,000 of a multi-year rest room renovation projects at reserved picnic sites throughout County parks. The Parks pavement management plan is at a \$460,000 funding level. The County's digital topographic maps will be updated in conjunction with Southeastern Wisconsin Regional Planning Commission's planned update at an estimated cost of \$250,000.

**Public Works**

Project expenditures in the Public Works functional area total \$12.1 million, a reduction of \$452,000 from the 2009 Adopted Budget. Projects include areas of buildings, highways and the airport.

Buildings

Facility project improvements include funding for a water line project at the highway shop grounds for \$230,000 and design funds of \$20,000 for new boiler and controls at the Juvenile Center. A Federal Energy Efficiency and Conservation Block Grant of \$1.5 million will be used to implement energy saving interior and exterior lighting upgrades at various County facilities.

Highways

The 2010 capital budget for roadways continues priorities established in five categories and includes projects in all categories to provide a balanced plan. Projects and funding priorities are identified below.

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| Bridges/Culverts  | The existing culvert replacement program continues with an annual appropriation of \$100,000. Bridge construction funding totals \$319,000 for three bridge projects. Two are to be constructed in 2010 and one is in design. Federal Bridge aid is identified at \$1.3 million.  |
| Spot Improvements | This area includes costs of \$1,100,000 to address intersection improvements including traffic signals and turn lanes at the top three rated locations over two years (2009-10). This work will also include Federal Stimulus funding of \$1,250,000 which is administered and managed by the state DOT and not in the County's budget. Ratings are based on safety and traffic congestion. |
| Repaving          | A funding level of \$2.85 million is proposed for annual road repaving. An additional \$2.1 million of Federal Stimulus funding will also be used to complete paving project work to be managed by the State DOT.   |

Expanded Capacity      No projects in this category.

Priority Corridors      Four projects address major through routes in the County including; CTH V V (Silver Spring Drive in the Village of Menomonee Falls; CTH D (Cleveland Avenue in the City of New Berlin); CTH L (Janesville Road in the City of Muskego); and the Waukesha Bypass for total 2010 funding of \$5.7 million. Land acquisition funds of \$3.6 million are included for CTH L (Janesville Road). Design costs are identified to begin the above mentioned three projects.

#### Airport

The County funding share (20%) is \$250,000 to construct an Airport maintenance & snow removal equipment building. The State funding share (80%) is identified for almost \$1.2 million.

#### County Wide Technology Investments

Project funding of \$100,000 will complete the upgrade to wiring closets to support network needs for the future including the transition to Voice Over Internet Protocol (VOIP) for the telephone system. Updating public access software will complete the new Tract Index System which will require an additional \$56,000. An upgrade to the time and attendance system for \$268,000 is also planned to be addressed. First year funding of \$700,000 will allow more effective management of electronic documents.

#### **Revenues**

Revenues and Fund Balance appropriations for project funding provides a net increase of \$571,400 to \$6.9 million from the 2009 Adopted Budget.

Project specific revenue increases include an ARAA (Federal Stimulus) Energy grant of \$1,491,900 and \$85,000 for renewable energy incentive grant.

Revenues also include \$600,000 for the County Highway Improvement-Discretionary program budgeted every other year. Revenues also include State payments for personal property tax exemption for technology equipment of \$600,000 and State shared revenue payment estimated at \$200,000.

Use of Proprietary Fund Balances for specific projects in 2010 include \$800,000 of End User Technology Fund Balance; \$934,000 of Radio Services Fund Balance; \$100,000 of Land Information Systems Fund Balance and \$250,000 of Airport Fund Balance. Use of Fund Balances totals \$3,496,500, a decrease of \$780,500 in the 2010 capital budget from the 2009 Adopted Budget. This includes appropriating \$1,412,500 from Capital project Fund Balance.

Borrowed funds are budgeted at \$10.0 million, the same as the prior year; however the 2009 budgeted \$10 million issue was reduced to \$8 million due to a one-time reduction in project expenditures from a favorable bid. Investment income is budgeted at \$450,000. Property tax levy funding decreases \$617,400 to \$2,430,000. Tax levy and the use of \$1,912,500 of governmental fund cash balance maintains the County' "down payment" at 29 % of net capital expenditures.

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**OPERATING IMPACTS BY FUNCTIONAL AREA****Justice and Public Safety**

The completion of the secured corridor for segregated prisoner transport to courtrooms in 2010 results in the creation of 1.50 FTE correctional officers anticipated in October 2010 for approximately \$19,900 for the three months in 2010 and \$104,000 in the 2011 Budget. The building upgrades included in the Radio Service building project are expected to generate future utility cost savings. Renovation in the District Attorney Courthouse space will also involve an investment in energy efficient lighting. The court room technology project is expected to improve business activities conducted in the courtroom with no additional operating costs. Energy efficiencies and reduced repairs are also associated with newer equipment. Building and program efficiencies will be a consideration in the design of future renovations at the Northview facility to allow the continued use of the facility for an additional 10 to 20 years and to defer construction of a new facility.

**Health and Human Services**

Design funding in 2010 is provided to begin planning for the replacement of space for Health and Human Services. The project expects to identify building operational savings which are currently budgeted at \$1.1 million. The project includes a \$2.1 million allocation for sustainable energy efficiency design features.

**Park, Environment, Education and Land Use**

The Retzer Nature Center Maintenance Building will include renewable energy systems and sustainable storm water management including pervious concrete pavement. Geothermal heating and solar thermal water heating can eliminate the need for natural gas at the Maintenance Building, reducing energy needs to electricity only. Simple system payback for geothermal may be achieved within 5-10 years, depending on usage and escalation of gas prices. Maintenance costs for park restroom renovation will increase because of more mechanical features and plumbing with the new restrooms, however this will be somewhat offset by revenue increases expected from higher use of the park reserved picnic sites. This project begins with renovation at Muskego Park in 2010. The bikeway pavement improvement project will reduce the annual maintenance costs of patching and grooming crushed stone surfaces, however future maintenance will include crack filling, striping, patching, and eventual overlay of the pavement. Annual maintenance costs per mile are estimated at \$5,125, of which \$1,000 is for asphalt maintenance.

**Public Works**

Completing a water main loop at the Highway Operations Center and Northview Grounds will improve water quality, reliability, fire flows and down time when connections and/or repairs need to be made. Design work begins for replacement of boilers and controls at the Juvenile Center which are anticipated to save energy costs currently budgeted at \$95,000. A energy conservation project funded with Energy Efficiency and Conservation Block Grant funds will address lighting fixtures at various facilities, new dehumidification systems at the Ice Arenas, LED highway luminaries and spectrum radio technology to interconnect traffic signals and a geo-exchange heat pump system at Retzer Nature Center. These projects have identified paybacks of less than six years using utility cost savings estimates.

**Highways**

Annual operating costs for an additional lane miles are estimated at \$6,853 each. Since 1998, the County has used a highway pavement management program to achieve an average Pavement Condition Index (PCI) rating of 70 with less than 10% of roads under a PCI of 40. Since 1998, the overall average PCI rating of all County Trunk highways has improved from 60.6 in 1998 to a current 71 for 2008. The County follows Wisconsin Department of Transportation guidelines for bridge replacement. A structure replacement is warranted when the sufficiency number drops below 50 and structure rehabilitation is warranted when the sufficiency number drops below 80. The Highway Engineering division continues to work to maintain an average sufficiency index ratings of 80 or higher for all county bridges.

**County Wide Technology Projects**

A project to upgrade wiring closets to support the County network infrastructure will address increases in electrical power needs, power battery backups, additional cooling and possible closet relocations. The upgrades will prepare the County for a transition to Voice Over Internet Protocol and eliminate a separate voice network and allow for more nonproprietary phone options and better integration with more choices for cost effective third-party applications. A time and attendance reporting upgrades will improve operational functionality and efficiencies in multiple departments. Annual maintenance fees are expected to be similar to the current system. The Electronic Document Management and Archival project is expected to reduce costs associated with system recovery, record storage, and the management of email and archival and retrieval functions, resulting in a positive return on investment with a breakeven point of 2.5 years. Savings include risk reduction, reduction in storage and staff time associated with e-Discovery and record retrieval.