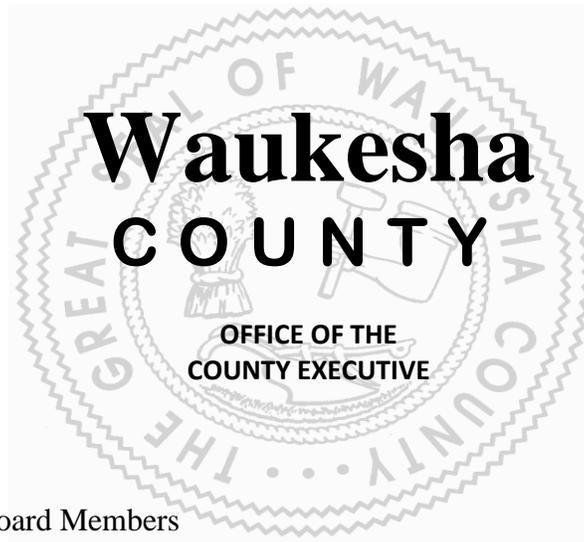


Paul Farrow
County Executive



To: Honorable County Board Members
From: Paul Farrow, County Executive
Date: September 1, 2015

Re: 2016 – 2020 Capital Projects Plan

I am presenting to you the recommended 2016-2020 Capital Project Plan. As you know, this Plan represents the next five years of capital expenditures and expected funding for all project phases from planning and design through construction.

Our Capital Plan plays an important role in supporting smart, strategic growth and development throughout Waukesha County. This Plan details how we are maintaining the buildings and properties to provide locations to serve the citizens of this county. It also shows the maintenance of our county's infrastructure. When we are working on roads or intersections, we work closely with local municipalities and businesses to ensure that our projects support their plans for future development whenever possible. This plan strikes an important balance between maintaining existing infrastructure, providing high quality services and planning for future growth and development.

Below are some of the projects appearing in our Capital Plan for the first time as well as highlights of existing projects that you may wish to continue monitoring as they move through the five-year plan. After each project title, I have indicated the page number on which the project appears within the attached plan packet. I encourage you to read about each project in detail at your leisure.

County Facilities

- Expansion of the Waukesha County Communication (WCC) center (Page 4): The WCC is the home to our County emergency 9-1-1 operations and houses our Emergency Operations Center (EOC) and staff. In order to allow the WCC to add new municipal partners, the center will require expansion to accommodate future needs. In addition, our experience during emergency management simulations and trainings has demonstrated the need for more space in the EOC. As a result, both the 9-1-1 Dispatch workstation floor and EOC will be expanded.

- Highway Operations and Fleet HVAC Upgrades (Page 5): Upgrades to the Highway Operations and Fleet Management building's HVAC infrastructure, which was originally installed in 1998, and has reached the end of its useful life, will be replaced.
- The HVAC infrastructure at the Law Enforcement Center (Page 7): This HVAC project includes chillers, air handling units, variable air volume boxes, controls, pumps, and motors that were installed in 1993 and are nearing the end of their useful lives. In order to proactively maintain the equipment, it will be replaced in 2016.
- County Courthouse Project (Page 8): Following a 2013 Courthouse Future Study, the County continues to plan for the construction of a new Courthouse building. From the study, multiple alternatives were presented, and it was determined by the County Board and County Executive that this project is the most cost-effective in meeting the County's long-term operational and maintenance needs. This project is the first phase of a multi-phase project to modernize and expand the current courthouse to meet current and future needs. The new criminal court facility, which will be located adjacent to jail facilities, will accommodate the second-phase project, which will provide the needed infrastructure improvements to the existing 50-plus year old facility. The project is expected to run from 2017 through 2020.

Transportation

The 2016-2020 Capital Plan continues to maintain Waukesha County's existing County Trunk Highway (CTH) infrastructure to promote public safety and support growing businesses and enhance our economic development efforts. In this five-year Capital Projects Plan, \$45 million or 42% is dedicated to highway improvements.

Over the next five years, the Capital Plan provides for the following projects to address capacity and rehabilitation needs along our priority highway corridors:

- The Waukesha West Bypass (Page 20): This project will relieve the congestion on nearby roads that has resulted from the continued growth and development in the area. The collaborative project shares costs between the Federal Government, State of Wisconsin Department of Transportation, the City of Waukesha and the County.
- Improvements to CTH M, North Avenue (Page 22-3), are planned in two phases:
 - Widening 2.1 miles from CTH YY, (Pilgrim Road), to the East County Line at 124th Street in the City of Brookfield and Village of Elm Grove. Funding will include Waukesha County's federal funding allocation and local revenue for sidewalks and other enhancements (2015 Design, 2016-17 land acquisition and 2018 construction).
 - Widening 1 mile from Calhoun Rd to CTH YY begins in 2016 with design, land acquisition in 2017 and construction in 2019. The project includes funding from the federal government and the County as well as a local contribution.
- Rehabilitation of CTH NN (Page 21): Rehabilitation of 1.1 miles of CTH NN in the Village of Mukwonago. This entails reconstruction of the two-lane road with a two-way-left-turn-lane throughout. Additionally, at the request of the Village of Mukwonago, the project has been re-scoped to provide an urbanized roadway section. The Village is

funding these additional road improvements. The project is expected to include a jurisdictional transfer of this stretch of road to the State as part of a possible re-routing of State Highway 83.

- Rehabilitation of CTH C, Genesee Street (Page 24): This project, in the City of Delafield, is expected to be completed in 2016, and is part of a jurisdictional transfer agreement with the City. In addition to County funding, the City of Delafield is contributing \$741,000 for amenities such as sidewalks and street lights.
- Bridge rehabilitation and replacement projects: Bridge rehabilitation and replacement projects include:
 - CTH Q, the Oconomowoc River Bridge in the town of Merton (Page 14)
 - CTH YY, the Underwood Creek Structure in the City of Brookfield (Page 15)
 - CTH D, the Deer Creek Bridge in the City of New Berlin (Page 16)
 - CTH Y, the Pilak Creek Tributary Bridge in the City of Muskego (Page 17)
 - CTH P, the Bark River Bridge in the Village of Summit (Page 19)
 - CTH XX, the Pebble Brook Creek Bridge in the Town of Waukesha (Page 25)
 - CTH I, the Fox River Bridge, in the Town of Waukesha (Page 27)

Design of the bridge on CTH Q will begin next year and CTH YY, CTH D, CTH Y and CTH XX in 2017. CTH P is expected to complete construction in 2016.

- Signals and Safety Projects (Page 39): The Plan includes the following intersection improvements to be addressed in the next two years. Intersection and safety projects are expected to leverage over \$4.9 million of federal Highway Safety Improvement Program funding, which covers approximately 90% of costs:
 - *NEW* CTH I, in the Town of Vernon, between Her Drive and Pint Drive
 - *NEW* CTH CI, County Line to State Highway 67, Towns of Eagle and Ottawa
 - CTH YY and Burleigh Road in the City of Brookfield
 - CTH V V and CTH E in the Town of Merton
 - CTH JJ and Silvernail Road in the City of Pewaukee
 - CTH V V and Lilly Road in the Village of Menomonee Falls
 - CTH KF and JK in the City of Pewaukee

Parks

The 2016-2020 Capital Plan contains several projects managed by the Department of Parks and Land Use including the following:

- *NEW* Retzer Nature Center Remodeling (Page 47): New to the plan is a partial remodeling of the Retzer Nature Center to allow room for classroom and exhibit space for Waukesha County recycling education program that was displaced when the Material Recycling Facility was moved to the City of Milwaukee. The project would include remodeling an older meeting room to accommodate both classroom and meeting functions. The remodeling project would include live video feed to the joint recycling facility and the environmental education focus to be incorporated into the activities and programming at the Nature Center.

- ***NEW*** Lake Country Trail Underpass (Page 48): Also new to the plan is the construction of an underpass for the Lake Country Trail as it crosses State Highway 67 in Oconomowoc. Growth in that area along with increased traffic has necessitated the need for a safer way to cross the highway. The project is a cost sharing collaboration between the State of Wisconsin Department of Transportation, City of Oconomowoc and the County.
- Energy Efficiency Projects (Page 40): Energy efficiency projects continue with the replacement of existing lighting with LED lighting at the clubhouse and maintenance buildings for Naga-Waukee and Wanaki golf courses and at the Retzer Nature Center. The projects are expected to have a 5 year return-on-investment due to lower electrical utility costs.
- Minooka Park Shelter and Restroom (Page 45): The effort to upgrade parks restroom facility began in 2009 and updates all six Waukesha County Parks replacing open concrete vault toilets with flush toilets and adding hand washing facilities. This project will improve sanitation and user experience, as well as bring the facilities into compliance with the Americans with Disabilities Act.

Technology

The 2016-2020 Capital Projects Plan continues technology investments in key areas. Projects include:

- ***NEW*** Jail Security Upgrade (Page 54): A new project at the County Jail to upgrade security system recording and display equipment, which is a key component of inmate monitoring and safety. The system is scheduled to be replaced in 2019. This follows the replacement of another component of the system earlier in 2015. The project also includes funding in 2016 to study options for replacing the Jail's video visitation system.
- ***NEW*** County Boardroom Upgrades (Page 55): Upgrades to County Boardroom technology are scheduled for next year. The current system is approximately 25-years-old and becoming difficult to repair. The project will upgrade technology to better support Supervisor vote tracking on agenda items, audio transmission of floor debates, and visual presentation of vote tallies as well as visual presentation of supporting documents and public presentations.

As you can see we have many projects in development. I look forward to listening to you, and working with you as you review the 2016-2020 Capital Projects Plan. I believe together we will continue to maintain a Plan that both respects the taxpayers and supports growing businesses in Waukesha County.

Sincerely,



Paul F. Farrow
County Executive