

## 2020 CAPITAL BUDGET AT A GLANCE

1/9/2020

### VILLAGE PROJECTS

Project #	DESCRIPTION	Life	COST	EXPLANATION	Approved Must Do	Crucial to Operations	Recommend	Declaration of intent by VB on file
	<b>2020 Sidewalk Replacement Program</b>	10+	\$150,000	In order to reduce potential hazards to pedestrians and to minimize the exposure of the Village to liability for personal injury, the Village has initiated an on-going program for inspection of existing sidewalks and for repair or replacement of defective sidewalk sections.		X		
	<b>2020 Curb &amp; Gutter Program</b>	20+	\$200,000	<p>This proposed project is part of the Village's on-going program to replace defective curb and gutter and repair defective concrete pavements in the Village. The Village initiated the curb and gutter replacement program several years ago in conjunction with the Sidewalk Replacement Program and has continued this annual program focusing on the most defective and deteriorated curb and gutter sections each year on a rotating basis throughout the curb and gutter areas of the Village.</p> <p>The Village also as part of this program replaces of defective concrete pavement on roadways that are maintained by the Village. The Village maintains several miles of concrete pavement and sections of the pavement have deteriorated to a point that replacement is necessary.</p>		X		
	<b>2020 Asphalt Paving Program</b>	10+	\$600,000	<p>As part of the 2020 Asphalt Paving Program the Engineering Department typically uses two funding sources. The first being a portion of the \$1,075,000 that the Village Board has appropriated to the Department of Public Works 2020 Operating Budget for replacement of deteriorated pavement and the 2nd being the \$600,000 that is being asked for as part of this Capital Budget.</p> <p>As part of the 2019 Asphalt Paving project, the Village will be installing storm sewer that addresses areas of existing roadways that do not drain properly and are in need of storm sewer and to alleviate sump pump icing issues.</p>		X		
41194	<b>Appleton Ave, Pilgrim Rd &amp; Menomonee Ave Intersection Reconstruction CONSTRUCTION</b>	20+	\$601,000	<p>This project was submitted for and awarded a project with the Wisconsin Department of Transportation for the Highway Safety Improvement Program on State Highways. Appleton Avenue is STH 175 and maintained by the Village as a Connecting Highway. This is a WDOT program where they provide funds for the construction of safety improvements to alleviate accidents and other safety issues. The total estimate for the project is \$2,130,623.51 and is further broken down as Follows:</p> <p>Appleton &amp; Pilgrim and Appleton &amp; Men Intersection Costs: WDOT (90%): \$1,529,623.51 &amp; Village (10%): \$169,958.17                      Pilgrim &amp; Menomonee Intersection Costs: Village (100%): \$304,413.41                      Project Design, Village Staff Time, Village Utility Relocation: Village (100%): \$126,600.00</p> <p>The reason the Pilgrim and Menomonee is 100% is because it is not on the State Highway but still needs to be reconstructed at the same time since they are so close and connected. The project consists of reconfiguring the three intersections by realigning the Pilgrim northbound movement, installation of bump-outs along Appleton Avenue to remove the 3rd through lane and installation of separation of the left turn lanes to improve sight lines. It also includes the removal of the three 150 foot tall high mast lights, replacement of the three traffic signal systems at Appleton Ave, Pilgrim Road and Menomonee Ave, new lighting system to replace the high mast lights and pavement replacement.</p> <p>The Village entered into an agreement with the WDOT for this project, the design is at 90% and the project will be bid in April of 2020.</p>	X			
41217	<b>Cheyenne Dr - Blackfoot Drive to Stand Pipe WM Relay, Storm Sewer &amp; Street Reconstruction CONSTRUCTION</b>	20+	\$320,000	<p>This project consists of the reconstruction of Cheyenne Drive from the Blackfoot Drive to the Village Stand Pipe on the Old Falls Village property. The reconstruction will include relaying of the water main with appurtenances in Cheyenne Drive along with the adjusting of sanitary sewer manholes, removal and replacement of curb &amp; gutter and driveway approaches, upsizing of existing storm sewer, installation of additional storm sewer and removal and replacement of the asphalt pavement.</p> <p>The existing 8" water main will be replaced due to the age, cast iron material of the water main and the water main breaks in this subdivision.</p> <p>This Area also has experienced storm water problems and the upsize in storm sewer was recommended as part of the Storm Sewer System Study completed by Ruekert/Mielke in 2001. The Storm Sewer will also eliminate the poor drainage, sump pump icing, standing water potential damage to the curb &amp; gutter and asphalt pavement.</p> <p>The survey and design were completed in 2019</p>			X	

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	<b>Blackfoot Dr - Cheyenne to Cherokee</b> WM Relay, Storm Sewer & Street Reconstruction <b>DESIGN &amp; WATER MAIN</b>	20+	\$190,000	This project consists of the design reconstruction and relay of the water main in Blackfoot Drive from Cheyenne Drive to Cherokee Drive. The reconstruction will include relaying of the water main with appurtenances in Blackfoot Drive along with the adjusting of sanitary sewer manholes, removal and replacement of curb & gutter and driveway approaches, upsizing of existing storm sewer, installation of additional storm sewer and removal and replacement of the asphalt pavement.  The existing 8" water main will be replaced due to the age, cast iron material of the water main and the water main breaks in this subdivision.			X	
41210	<b>Sheridan Drive - Hillcrest Dr to Ann Ave</b> WM Relay, Storm Sewer & Street Reconstruction <b>CONSTRUCTION</b>	20+	\$1,205,000	This project consists of the reconstruction of Sheridan Drive from Hillcrest Drive to Ann Avenue. The reconstruction will include a relay of the existing water main with appurtenances, reconstructing of the sanitary sewer manholes, relaying of sanitary laterals, removal and replacement of the curb & gutter and driveway approaches, installation of storm sewer and removal and replacement of the base course and asphalt pavement. There will be rock removal needed for the installation of a portion of the water main and storm sewer. This project will included extending the Village storm sewer in the easement recently purchased to Village Park and extended through Village Park to the east side of the existing path. The large drainage swale through the west side of the park will be filled in to create additional park space but still allow for overland flow of stormwater.  The existing 6" water main will be replaced with an 8" water main due to the age, material and location of the water main. The existing water main runs behind and between several homes from Sheridan Drive to Garfield Drive through existing narrow easements and through Village Park. This Area also has experienced storm water problems and the upsize in storm sewer was recommended as part of the Storm Sewer System Study completed by Ruekert/Mielke in 2001. The Storm Sewer will also eliminate the poor drainage, sump pump icing, standing water potential damage to the curb & gutter and asphalt pavement.			X	
	<b>Jacobson Dr - Theodore Dr to Ann Ave</b> WM Relay, Storm Sewer & Street Reconstruction <b>DESIGN &amp; WATER MAIN</b>	20+	\$395,000	This project consists of the design of the reconstruction of Jacobson Drive Theodore Drive to Ann Avenue. The reconstruction will include a relay of the existing water main with appurtenances, reconstructing of the sanitary sewer manholes, removal and replacement of the curb & gutter and driveway approaches, installation of storm sewer and removal and replacement of the base course and asphalt pavement. The sidewalk and driveway approaches will be replaced as part of this project.  The existing 6" water main will be replaced with an 8" water main due to the age, cast iron material of the water main and the water main breaks in this area.  The survey, design and water main relay will be completed in 2020 with the remaining storm sewer and roadway reconstruction being part of a future Capital Budget.			X	
	<b>Appleton Ave &amp; Woosencraft Drive</b> Signal Replacement & Intersection Improvements <b>DESIGN &amp; CONSTRUCTION</b>	20+	\$305,000	The project consists of the replacement of the existing traffic signal and the updating of the crosswalks and handicap ramps. The loop detectors that control the signal and allow the signal to give green time to the direction that needs it have broken. With the broken loop detectors the signal had to be put into a timed sequence which does not operate as efficiently as when actuated. Due to the age of the signal a video detection system could not be installed, the system and controller would need to be upgraded. The signal system needs to be replaced and with this new signal we will be replacing the crosswalks and handicap ramps to bring them up to ADA standards.			X	
	<b>Roosevelt Drive - St Francis to North Limit</b> Water Main Relay <b>DESIGN &amp; CONSTRUCTION</b>	20+	\$360,000	This project consists of a relay of the water main with appurtenances in Roosevelt Drive from St Francis Drive to the north limit of Roosevelt Drive.  The existing 8" water main will be replaced due to the age of the water main, material of the water main and number of breaks in the Shepherd Hills Addn No. 2 subdivision.		X		
	<b>Tri-County Bank Water Main &amp; Sanitary Lateral Construction - Appleton Ave &amp; County Line Road</b> <b>DESIGN &amp; CONSTRUCTION</b>	20+	\$200,000	This project consists of the alteration of the Villages water main that connects to the Germantown System via an emergency inter-connect. The configuration of the emergency inter-connect, the Tri-County Bank lateral and the Village water main does not follow proper DNR design and does not allow the Village to flush properly for purities in this main. The new configuration would place a Hydrant on the end of the line past the lateral and emergency inter-connect. As part of this project the Village would extend a new lateral from the Village Sewer to the east and disconnect the Tri-County Bank from the Germantown system. This would remove the last property in this area connected to the Germantown utilities that is not already be removed by the Crossroad Shopping Center project.		X		

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73042	<b>Crossroads Shopping Center</b> Sanitary Sewer & Water main Conversion <b>ACQUISITION</b>	20+	\$1,915,000	<p>The Cross Roads Shopping Center and adjacent businesses in the Village of Menomonee Falls located along County Line Road between Maple Road and Appleton Avenue are currently served with municipal sanitary sewer and municipal water provided by the Village of Germantown through an Intermunicipal Agreement dated March 11, 1992. The Village of Menomonee Falls and the Village of Germantown entered into an Amendment to the Agreement dated April 2, 2018. Under the terms of the 2018 Amendment, the obligations of the Village of Germantown will be expiring and the Village of Menomonee Falls will be required to provide municipal sanitary sewer and municipal water to the properties currently receiving these services from the Village of Germantown under the Agreement</p> <p>This project consists of the construction of the sanitary sewer and water main conversion of the Cross Roads Shopping Center and adjacent businesses. Once the new sanitary sewer and water main are installed, the Village Businesses to be moved from the Germantown systems to the Menomonee Falls Systems.</p>	X			
	<b>Tornado Warning Sirens Replacement</b>	15+	\$250,000	<p>The Village's system of warning sirens has become dated, resulting in increased frequency of repairs, maintenance and related costs, mostly having to do with battery life, recharging systems, and the mechanical nature of the rotating sirens. Most of the sirens were put in place in 1997. Consideration has been given to the value of audible warning sirens given the proliferation of cell phones capable of receiving severe weather warnings, but there is still a significant percentage of the Village population, perhaps mostly elderly, that do not use mobile devices to this extent, and that population cannot be ignored. The Police Department routinely receives inquiries from the public regarding the sirens, indicating a continued expectation of their operation. It is thought that a new siren system would have a life cycle of 15 – 20 years. During this time other warning systems are likely to become even more prevalent, making the sirens obsolete at that time.</p>			X	
<b>Total 2020 Capital Budget</b>			<b><u>\$6,691,000</u></b>					

## Village of Menomonee Falls 2020 Capital Budget Funding Summary

Project #	Description	NEW GO DEBT			CASH ON HAND						GRAND TOTAL	Comments	
		Tax Levy (10-yr)	User Charges (Water) (20-yr)	GO TOTAL	Unrest Cash Capital Proj Fund	Sale Proceeds from Dist Center	Impact Fees (Water)	User Charges (Sewer)	Impact Fees (Sewer)	CASH TOTAL			
<i>Public Works Projects</i>													
41220	2020 Sidewalk Program	150,000		150,000							150,000		
41221	2020 Curb & Gutter Program	200,000		200,000							200,000		
41222	2020 Roads Program	600,000		600,000							600,000	Slag seal & crack filling in Operating Budget	
<i>Transportation Projects</i>													
41194	Appleton/Pilgrim/Menomonee Intersections Construction	385,000		385,000	216,000						216,000	601,000	Total cost \$2.1 million, DOT share \$1.5 million
41217	Cheyenne Dr (Blackfoot Dr to Vil. Standpipe) Storm Sewer & Street Construction	320,000		320,000								320,000	
41223	Blackfoot Dr (Cheyenne Dr to Cherokee Dr) Design and Watermain Construction	10,000	180,000	190,000								190,000	
41210	Sheridan Dr (Hillcrest to Ann Ave & Vil. Park) Construction		430,000	430,000		675,000	100,000				775,000	1,205,000	
41224	Jacobson Dr (Theodore Dr to Ann Ave) Design & Watermain Construction	30,000	365,000	395,000								395,000	
41225	Appleton/Woosencraft (Signal Replacement) Design & Construction	305,000		305,000								305,000	
<i>Water Utility Projects</i>													
72068	Roosevelt Dr (St Francis Dr to North limit) Design & Construction		360,000	360,000								360,000	
72069	Tri-County Bank (Appleton Ave/County Line) Water & Sewer alterations		90,000	90,000			110,000				110,000	200,000	
<i>Sewer Utility Projects</i>													
73042	Crossroads Shop Ctr (Sewer/Water Convrns) Construction						895,000	1,020,000			1,915,000	1,915,000	
<i>Other Projects</i>													
41226	Tornado Warning Sirens (Village-wide) Replacement				250,000						250,000	250,000	
		2,000,000	1,425,000	3,425,000	466,000	675,000	895,000	210,000	1,020,000	3,266,000	6,691,000		

VILLAGE OF MENOMONEE FALLS  
**PROPOSED FIVE YEAR CAPITAL PLAN**  
**2020-2024**

1/13/2020

Description	Proposed 2020	Proposed 2021	Proposed 2022	Proposed 2023	Proposed 2024	5 Year Total
<b>VILLAGE PROJECTS</b>						
Asphalt Paving Program	600,000	600,000	600,000	600,000	600,000	\$3,000,000
Curb & Gutter Program	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Sidewalk Replacement Program	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
<b>Appleton Ave &amp; Woosencraft-</b> Signal Replacement & Intersection Improvements	\$305,000					\$305,000
<b>Appleton, Pilgrim &amp; Men Intersection Reconstruction</b> - Intersection Mod., Traffic Signals, Overhead Light Removal & Elec Upgrade	\$601,000					\$601,000
<b>Blackfoot Dr. - Cheyenne Dr to Cherokee Dr</b> - Wm Relay, Storm Sewer & Street	\$190,000	\$460,000				\$650,000
<b>Cheyenne Dr - Blackfoot Dr to Village Standpipe</b> - Storm Sewer & Street	\$320,000					\$320,000
<b>Chippewa Dr. - Cheyenne Dr to Cherokee Dr</b> - Wm Relay, Storm Sewer & Street		\$270,000	\$480,000			\$750,000
<b>Crossroad Shopping Center</b> - Sanitary Sewer & Water main Conversion	\$1,915,000					\$1,915,000
<b>Dardis Dr</b> - Jacobson Dr to Dardis Place - Wm Relay, Storm Sewer & Street				\$560,000		\$560,000
<b>Forest Dr - Grand to Shady Ln</b> - Water main Relay				\$495,000		\$495,000
<b>Hayes Ave - Main St to Roosevelt</b> - Water main Relay			\$440,000			\$440,000
<b>Hiawatha Dr</b> - Mary Ct to Men Ave & <b>Mary Ct-</b> Wm Relay, Storm Sewer & Street					\$280,000	\$280,000
<b>Highland Court - Shady Ln to East</b> - Water main Relay			\$220,000			\$220,000
<b>Jacobson Dr</b> - Dardis to Ann Avenue - Storm Sewer & Street		\$819,875				\$819,875
<b>Jacobson Dr</b> - Theodore Dr to Ann Ave - Water main Relay	\$395,000					\$395,000
<b>Laurel Lane - Grand Ave to West</b> - Water main Relay				\$230,000		\$230,000
<b>Lilly Road Bridge Reconstruction</b>		\$80,000	\$265,000			\$345,000
<b>Madison Drive - Main St to Roosevelt</b> - Water main Relay		\$390,000				\$390,000
<b>Main Street</b> - Parking Improvements - <b>Phase III</b>		\$360,000				\$360,000
<b>Menomonee Ave Culvert Replacement</b> - 200 feet East of Main Street by Bugline Trial			\$275,000	\$285,000		\$560,000
<b>Menomonee Ave -Library Ln to Norman Dr</b> - Water main Relay				\$450,000		\$450,000
<b>Norman Drive - Menomonee to Manhattan</b> - Water main Relay					\$450,000	\$450,000
<b>Overview Drive</b> - Culvert Replacement over Butler Ditch					\$210,000	\$210,000
<b>Ridgeview Drive - Cherokee to Pilgrim Rd</b> - Wm Relay, Storm Sewer & Street			\$290,000	\$315,000		\$605,000
<b>Rivers Edge Park Path Extension - Lilly Rd to Rivers Edge Park</b>				\$210,000		\$210,000
<b>Roosevelt Dr. - St. Francis Dr to North Limit</b> - Water main Relay	\$360,000					\$360,000
<b>Rozanne Dr. - McKinley Dr to 450 ft West</b> - Water main Relay					\$145,000	\$145,000
<b>Sheridan Dr</b> - Ann Ave to Men Ave					\$1,005,000	\$1,005,000
<b>Sheridan Dr</b> - Hillcrest to Ann Ave & Village Park - Reconstruction	\$1,205,000					\$1,205,000
<b>St. Francis Dr. - Roosevelt Dr to W. St Regis</b> - Water main & Storm Sewer Relay		\$505,000				\$505,000
<b>St. Stevens Dr. &amp; Ct. - St. Francis Dr to West</b> - Water main Relay			\$290,000			\$290,000
<b>St. Thomas Dr - Roosevelt to Shady Lane</b> - Water main Relay			\$150,000			\$150,000
<b>St. Thomas Dr &amp; King David Ct. - Roosevelt to Martin</b> - Water main Relay					\$285,000	\$285,000
<b>Theodore Dr</b> - Jacobson Dr to Ann Ave - Water main Relay					\$245,000	\$245,000
<b>Tornado Warning Siren Replacement</b>	\$250,000					\$250,000
<b>Townline Road Water Tower</b>		\$1,450,000				\$1,450,000
<b>Tri-County Bank Water Main &amp; Sanitary Lateral Alterations</b> - Appleton Ave & County Line Road	\$200,000					\$200,000
<b>Village Park - Specialty Park Phase II</b>		TBD				TBD
<b>Village Park - Specialty Park Phase III</b>			TBD			TBD
<b>GRAND TOTAL PROJECT COSTS</b>	<b>\$6,691,000</b>	<b>\$5,284,875</b>	<b>\$3,360,000</b>	<b>\$3,495,000</b>	<b>\$3,570,000</b>	<b>\$22,400,875</b>