

VILLAGE OF MCFARLAND **Sustainability & Natural Resources
Committee**

NOTICE OF PUBLIC MEETING

Monday, November 14, 2022

6:00 PM

McFarland Municipal Center
Community Room

AGENDA

You are invited to this meeting through a Zoom webinar. The public is strongly encouraged to watch and participate in these meetings remotely through either the webinar or telephone options listed below.

PLEASE CLICK THE LINK BELOW TO JOIN THE ZOOM WEBINAR:

<https://us02web.zoom.us/j/85120458074>

Or by Telephone: +1 (312) 626-6799

Webinar ID: 851 2045 8074

Press *9 to raise/lower hand. Press *6 to mute/unmute.

1. CALL TO ORDER, ROLL CALL.

2. PUBLIC APPEARANCES.

- a. This is an opportunity for members of the public to address the Sustainability & Natural Resources Committee. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the Committee may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the Committee for their consideration. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to sustainability@mcfarland.wi.us to be included as part of the meeting.

3. APPROVAL OF MINUTES.

- a. Discussion and action regarding the minutes from the October 10, 2022 Sustainability and Natural Resources meeting.

4. BUSINESS.

- a. Discussion regarding implementing a No Mow May or Low Mow May Ordinance.
- b. Discussion and possible action to submit the Village's Green Tier Annual Report to the Wisconsin Department of Natural Resources.
- c. Update and discussion regarding Lewis Park lake access plan
- d. Discussion and action to make a recommendation to the Village Board regarding design and bidding services for McDaniel Park site improvements.
- e. Discussion on WLGCC Summit and League of Municipalities

5. SCHEDULE NEXT MEETING DATE.

- a. Monday, December 12, 2022 at 6:00 p.m.

6. ADJOURNMENT.

Any person who has a qualifying disability as defined by the Americans with Disabilities Act that requires the meeting or materials at the meeting to be in an accessible location or format should contact the McFarland Municipal Center at (608)838-3153, 5915 Milwaukee Street, McFarland, Wisconsin, or village.clerk@mcfarland.wi.us by 2:00 p.m. at least 5 business days prior to the meeting so that any necessary arrangements can be made to accommodate each request. If the meeting or request is less than 5 business days from the meeting, requests for accommodations may still be made and reasonable efforts will be made to accommodate each request.

VILLAGE OF MCFARLAND

Sustainability & Natural Resources Committee Minutes

Monday, October 10, 2022 - 6:00 PM

1. CALL TO ORDER, ROLL CALL.

Trustee Flaherty called the regular meeting of the Sustainability & Natural Resources Committee to order at 6:00 PM in the Municipal Center Community Room.

Members present: Michael Flaherty, Edward Wreh, David Wilson (arrived at 6:26 pm), Darrel Waldera, Kitty Brussock, Angela Freedman, Bruce Fischer, Judy Taber

Members not present:

Staff Present: Kong Thao, Sayer Larson, Phil McDade

2. PUBLIC APPEARANCES.

- a. *This is an opportunity for members of the public to address the Sustainability & Natural Resources Committee. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the Committee may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the Committee for their consideration. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to sustainability@mcfarland.wi.us to be included as part of the meeting.*

None.

3. APPROVAL OF MINUTES.

- a. *Discussion and action regarding the minutes from the Sustainability & Natural Resources Committee meeting on September 12, 2022.*

Motion by Waldera, seconded Freedman, to approve the minutes from the Sustainability & Natural Resources Committee meeting on September 12, 2022. Motion carries 6 - 0 - 1, with Wreh abstaining.

4. BUSINESS.

- a. *Discussion on Draft Sustainability Action Plan for 2023-2024*

Committee members discussed the Draft Sustainability Action Plan for 2023-24 with Thao, reviewing priorities identified in the plan and timelines for implementation. The committee took no action on this agenda item.

- b. *Discussion and action to make a recommendation to the Village Board regarding McDaniel Park water access and quality improvements.*

The committee reviewed plans to provide a sand beach and swimming area at McDaniel

Park in a project jointly funded by Dane County and village government funds. The village share of the costs is estimated at \$250,000, with the county contributing \$75,000-\$100,000. Wreh motioned, Taber seconded, to make a recommendation to the village board regarding the McDaniel Park water access quality improvement plan and funding. Motion carried 8-0.

c. Discussion and possible action to request funding for 2023-2024 from the Village Board.

The committee discussed with Larson various sustainability projects that could be funded by the village board. Motion by Flaherty, seconded by Taber, to recommend that \$500 be authorized for purchasing "No Mow May" signs. Motion passed 8-0. Motion by Flaherty, seconded by Taber, to recommend to the village board \$3,000 be authorized to invest in native plant plantings on village property. Passed 8-0.

5. SCHEDULE NEXT MEETING DATE.

a. Monday, November 14, 2022 at 6:00 PM

6. ADJOURNMENT.

Motion by Trustee Wreh, seconded by Freedman, to adjourn at 6:56 p.m.

Pursuant to law, written notice of this meeting was given to the public and posted on the public bulletin boards in accordance with Open Meetings Law.

Respectfully submitted,
Phil McDade
Utility Billing Assistant

VILLAGE OF
McFarland
SUMMARY SHEET

MEETING DATE: Monday, November 14, 2022

SECTION: Business

DEPARTMENT: Community Development

CONTACT: Kong Thao, Associate Planner

AGENDA ITEM: Discussion regarding implementing a No Mow May or Low Mow May Ordinance.

PREVIOUS ACTION:

None

ISSUE SUMMARY:

This discussion item is intended to be an introductory conversation to engage the committee on the possible adoption of a Low/No Mow May ordinance. The findings look at three neighboring communities who participated in No Mow May earlier this year. The feedback received from this meeting will guide future activities by staff and how the ordinance will be written. While planning for this, Staff have already considered the following:

1. Free to participate, registration is encouraged in order to obtain a free yard sign and assist staff in tracking the number of participants.
2. Yard signs will be available for residents who are participating at no cost through the registration portal with pick-up at the Municipal Center. The yard signs will assist in both promoting Low/No Mow May and in reducing property maintenance complaints to the Department.
3. Develop short survey for data collection of program. The online registration will provide an opportunity for potential follow-up surveys with participants.

Topics for discussion:

- Should the Village opt for a No Mow May or a Low Mow May approach?
- Which sign design does the committee prefer?
- Are there any public places the Village should include in this program?
- Are there alternatives the Village can explore to supporting animal and insect pollinators?

Comparable Communities

City of Madison

Adopted a Low Mow May resolution in May, 2022 which looked to encourage at least one mowing session in the month of May, citing that grass heights of 12.5 cm/ 5" supported the



highest abundances of bees and the abundance of lawn flowers present. The resolution also encouraged raising the lawn mower height to 4" as compared to the typical 2" - 3". The concern for not mowing at all was due to the length of the grass clippings, which could cause an issue with stormwater drainage if the clippings are left in the street.

City of Sun Prairie

Adopted a No Mow May ordinance in March, 2022. Sun Prairie opted to temporarily suspend the enforcement of Chapter 8.36 - Noxious Weeds, regulation of length of lawn and grass, or any other section that regulates the length of grass to allow pollinator species to emerge and early flowering plants to establish, which may result in ground-cover exceeding the established ordinance height of 8-inches.

- Developed an online free registration form to capture information along with six (6) survey questions about each participant's activity during that month.
- Published a *No Mow May Impact Report* for the program identifying facts, feedback and methods of improvement. In total, 342 people and businesses registered.

City of Monona

Adopted an ordinance in April, 2022. Amended their code by adding a line in their code, Section 1: Chapter 263-6(C) Nuisances prohibited "Except in the month of May". Very simple and concise. Minutes from Monona's Sustainability Committee recommended to not include all municipally owned properties, stating, "It would have required too much extra staff time and would have interfered with the recreation in most Monona Parks, to not mow all of the City's Parks." Additional concerns included negative feedback received about the quality of the parks.

In addition to these communities, numerous other cities and villages in Wisconsin have adopted No Mow May ordinances including: Appleton, Shorewood Hills, Middleton, Wausau, Oshkosh, Fort Atkinson, Stevens Point, De Pere, Wisconsin Rapids, and La Crosse.

Yard Signs

Cost Estimates. Research on three companies showed signs, 18" x 24" averaging around \$7.00/sign. This includes the wire stakes. One vendor did not provide wire stakes in their pricing estimate and shows a reduced cost per sign. Staff can look further for more quotes as needed.

Design. Two conceptually designed signs are included in the packet. More designs will be developed as we move forward in this process. Action on a sign design will be determined at our next meeting.

FINANCIAL/BUDGET IMPACT:

Trustee Flaherty has included a request for \$500 in the 2023 Village Budget to cover the cost of the yard signs. The Village Board is anticipated to vote on adoption of the budget at their November 22, 2022 meeting.

VILLAGE PLAN REFERENCE:

Sustainability Plan, 2021 - Identified in the Land Use & Development category for Near-Term



Actions as stated below, *Amend Village ordinances to allow for a no-mow May.*

ORDINANCE REFERENCE:

Sec. 20-25. - Regulations Concerning Noxious Weeds and lawn Height

Sec. 55-336. - Noxious Weeds

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

This item is for discussion only.

ATTACHMENTS:

1. No Mow May Yard Signs Estimates (11.09.2022)

Research on Yard Signs (11.09.2022)

No Mow May Yard Signs

Vista Print

- Website: [Custom Yard Signs & Lawn Signs | VistaPrint, https://www.vistaprint.com/signs-posters/yard-signs?PCXTVATINCLUSIVE=&utm_id=2B02908993033276662715&coupon=&partner=bing&utm_medium=cpc&utm_campaign=BING_US_EN_Signage_Lawn-Signs_Main&utm_term=vistaprint.com%2Fsigns-posters%2Fyard-signs&ps_vtp=28037073|1295225065225408||dat-2332751357434001:loc-190|c|105476|4133|o&ps_vtp2=b|vistaprint.com%2Fsigns-posters%2Fyard-signs|bb|b|80951642219713|2332751357434001|||yard%20signs%20with%20stakes%20wisconsin&mssclid=8055d33257e81f8108d5b00d5364cd44&utm_source=bing&utm_content=Lawn-Signs_DSA](https://www.vistaprint.com/signs-posters/yard-signs?PCXTVATINCLUSIVE=&utm_id=2B02908993033276662715&coupon=&partner=bing&utm_medium=cpc&utm_campaign=BING_US_EN_Signage_Lawn-Signs_Main&utm_term=vistaprint.com%2Fsigns-posters%2Fyard-signs&ps_vtp=28037073|1295225065225408||dat-2332751357434001:loc-190|c|105476|4133|o&ps_vtp2=b|vistaprint.com%2Fsigns-posters%2Fyard-signs|bb|b|80951642219713|2332751357434001|||yard%20signs%20with%20stakes%20wisconsin&mssclid=8055d33257e81f8108d5b00d5364cd44&utm_source=bing&utm_content=Lawn-Signs_DSA)
- Pricing for Bulk Purchase for 18" x 24" horizontal sign

# of signs	Cost per unit	Total est. Cost
100	\$4.26	\$426.00
150	\$4.04	\$606.00
200	\$3.93	\$786.00
250	\$3.86	\$965.00
300	\$3.82	\$1,146.00

- Pricing does not include yard sign stand/stakes.
- Options for smaller signs included

Westphal Signs

- Website: <https://www.wisconsinsigncompany.com/>
- 921 Kings drive, Brownsville, WI 53006
- 8:00 AM to 5:00 PM; (920)-345-0283
- Emailed 11:30 AM (10.11.2022); replied (10.12.22) **\$7.00/sign**

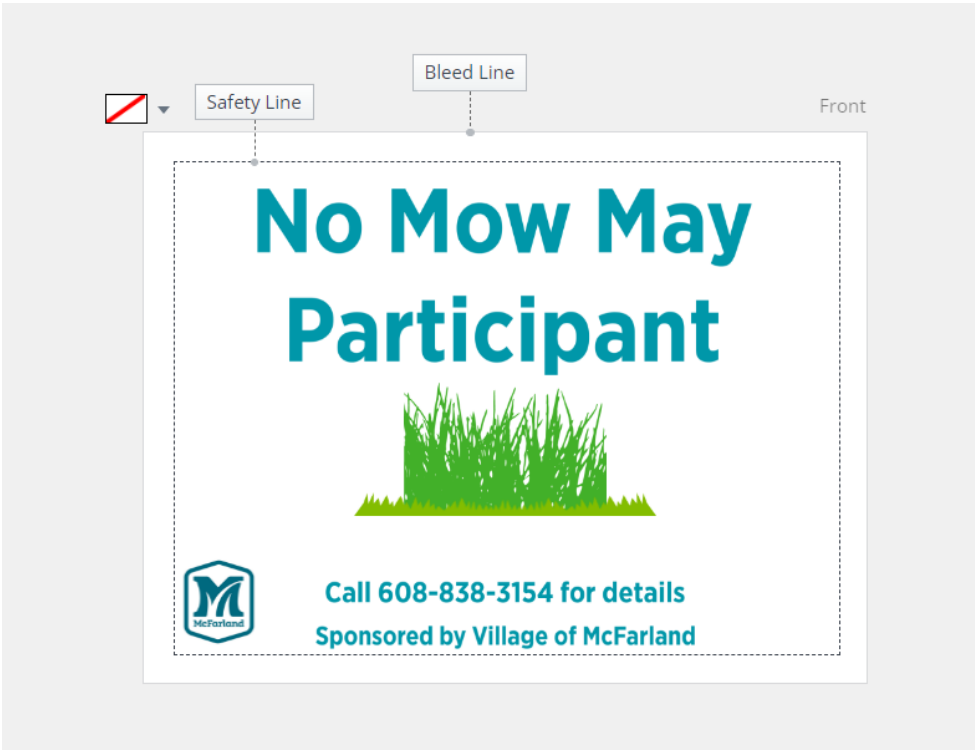
Buildasign.com

- Website: [SFP BAS Signs - 18" x 24" \(buildasign.com\)](https://www.buildasign.com/)
- Wire Stake (+\$1.98/unit)

# of signs	Cost per unit	Total est. Cost (Signs only)	Total est. cost (signs+stake)
100	\$5.02	\$502.00	\$700.00
150	\$5.04	\$756.00	\$1,053.00
200	\$5.05	\$1,010.00	\$1,406.00
250	\$5.06	\$1,265.00	\$1,760.00
300	\$5.07	\$1,521.00	\$2,115.00

- Similar cost to Westphal Signs costs at about **\$7.00/sign**

Both examples were made from Vista Print



**VILLAGE OF
McFarland
SUMMARY SHEET**

MEETING DATE: Monday, November 14, 2022

SECTION: Business

DEPARTMENT: Community Development

CONTACT: Kong Thao, Associate Planner

AGENDA ITEM: Discussion and possible action to submit the Village's Green Tier Annual Report to the Wisconsin Department of Natural Resources.

PREVIOUS ACTION:

ISSUE SUMMARY:

In 2020, the Village Board, upon recommendation by the Ad-hoc Sustainability Committee, approved Resolution 2020-16 joining the Wisconsin Department of Natural Resources voluntary Green Tier Legacy Communities (GTLC) network. The GTLC network exists to advance sustainable practices and stretch limited local government resources. GTLC offers regional collaboration opportunities and additional grant point consideration for select state grants, grant notifications and opportunities for joint grant application. As part of the program, participating communities are required to provide the WDNR with an annual report. The 2021 Green Tier Annual Report will be the Village's first annual report to the Wisconsin Department of Natural Resources. Previously, reports consisted of completing a summary report and scorecard that used a point system to track adoption or implementation of a series of non-bidding recommended sustainability strategies. For the 2021 report, WDNR is moving to a new online reporting system that includes tracking both metrics and actions.

Prior to the beginning of data collection, required for the reporting, the Community & Economic Development Department volunteered to be beta testers for Green Tier's new method of data collection. This beta method will be accepted as the Village's 2021 report. Shortly after this, the 2022 report will also be due in March 2023. All subsequent data for the reporting reflects activity completed in 2021. The Village's Sustainability Plan (2021) was developed with similar topics, metrics and strategies that the Green Tier Annual Report addresses. These overlapping themes are Energy & Emissions Reduction, Transportation Systems, Land Use, Water Quality & Conservation, Solid Waste, and Healthy & Equity.

In late September and early October, GTLC was experiencing technical issues with the online setup for the annual reporting. As a work-around, GTLC released to their beta testers a series of excel sheets intended to capture the same information included in the reporting. Village Staff are still working with other departments to gather the information needed in the report. At the most recent meeting on November 7, 2022, GTLC extended the same excel sheets to other participating communities.

The packet includes a draft copy of the beta metrics and beta actions spreadsheets. There may



be some final adjustments by staff before submittal of the report. A final copy of the report will be added to the Village's website.

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

Sustainability Plan, 2021 - The Green Tier Program was listed as one of the three initial tasks for the Ad-Hoc Sustainability Committee.

ORDINANCE REFERENCE:

Sec. 2-398. - Sustainability & Natural Resources Committee

(a) Reviewing and submitting annually to the Wisconsin Department of Natural Resources the Village's Green Tier Legacy Community Annual Report and advising on the implementation of recommended Green Tier strategies.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Motion to approve submittal of the Village's 2021 Green Tier Annual Report to the Department of Natural Resources.

ATTACHMENTS:

1. Beta Metrics Section_GTLC Scoresheet_Draft_11.09.2022
2. Beta Supporting Actions_GTLC Scoresheet_Draft_11.09.2022

Metric	Description	Applicability <i>All/County/Municipality</i>	Core Metric Yes/No	Enter 2021 Data	Narrative: DO NOT discuss Supporting Actions here, only notes about the actual metric if you have them
Key Indicator					
Increase in municipal use of renewable energy (%)	Percentage of local government's (GTLC member's) overall electricity consumption that comes from renewable energy sources. Methodology: 1. Use billing statements for all of the local government's electric utility accounts to calculate total annual electricity consumption (kWh). 2. Review billing statements to calculate total renewable electricity purchased during the year. 3. Consult monitoring software for on-site renewable energy sources to calculate total on-site renewable energy generated (kWh) 4. Review billing statements to calculate total on-site renewable electricity that was exported. 5. Calculate [On-site electricity produced + renewable energy purchased]/[Total purchased electricity + total generated electricity consumed on-site]	All	Y	2.70%	27.41 MWh of solar production in 2021 from the Public Work's rooftop solar. Total kWh in 2021 = 1,016,797
Decrease in community electricity use (Annual kWh per capita)	Electricity use in the member community Methodology 1. Coordinate with electric utilities that serve the community to obtain aggregate electricity sold in the jurisdiction during the year (kWh) 2. Calculate: [Aggregate electricity sold in the community by Utility A + Utility B + Utility N]/Population	All	N	(1016797+[MGE])/9331	(Alliant Energy: 1,016,797 kWh) + (MG&E: kWh) / DOA Pop est. in 2021 = 9331
Decrease in community natural gas use (annual therms per capita)	Natural gas use in the member community Methodology 1. Coordinate with natural gas utilities that serve the community to obtain aggregate natural gas sold in the jurisdiction during the year (Therms) 2. Calculate: [Aggregate therms sold in the community by Utility A + Utility B + Utility N]/Population	All	N	(36,669+[MGE])/9331	(Alliant Energy: 36,669 Therms) + (MG&E: Therms) / DOA Pop est. in 2021 = 9331
Decrease in government building electricity use (annual kwh per capita)	Gross electricity consumption (kWh) by local unit of government (GTLC member) Methodology 1. Use billing statements for all of the local government's electric utility accounts to calculate total annual electricity consumption (kWh). 2. Consult monitoring software for on-site renewable energy sources to calculate total on-site renewable energy consumed on-site (kWh) 3. Sum purchased electricity and on-site generated electricity consumed (kWh) 4. Divide total kWh by the population	All	Y	111.91	Total Municipal annual electricity consumption (kWh) = 1,016,797; Renewable Energy generated from Public Works Solar = 27.41 MWh = 27,410 kWh; DOA Population Est. in 2021 = 9331
Decrease in government building natural gas use (Annual therms per capita)	Total natural gas consumption (therms) by local unit of government (GTLC member) Methodology 1. Use billing statements for all of the local government's natural gas utility accounts to calculate total annual natural gas consumption. 2. Divide total therms by the population	All	Y	3.93	Total Municipal annual gas consumption (Therms) = 36,669; DOA Population Est. in 2021 = 9,331
Decrease in government building fuel oil consumption (gallons per capita)	Total fuel oil consumption (gallons) by local unit of government (GTLC member) Methodology 1. Use invoices from all delivered fuel oil used as energy for facilities to sum total gallons purchased during the year. 2. Divide total Gallons by the population	All	Y	1.16	Total Municipal Fuel Oil consumption (gal) = 10,845; DOA Population Est. in 2021 = 9,331
Decrease in government building propane consumption (lbs per capita)	Total propane consumption (pounds) by local unit of government (GTLC member) Methodology 1. Use invoices from all delivered propane used as energy for facilities to sum total pounds purchased during the year. 2. Divide total pounds by the population	All	Y	0.00	Total Municipal propane consumption = 0; DOA Population Est. in 2021 = 9,331
Decrease in government building Energy Use Intensity (EUI) (kBtu/sq ft)	Overall energy use intensity of all buildings owned by local unit of government (GTLC member). Methodology 1. Identify all energy uses in ER-3A – ER-3D that supply buildings.* 2. For each energy use, convert to kBtu equivalents: (1 kWh = 3.412 kBtu, 1 therm = 100 kBtu, 1 gallon fuel oil = 138.5 kBtu, 1 lb propane = 21.5 kBtu) 3. Sum the indoor square feet of all government buildings 4. Divide total kBtu calculated in step 2 by total square feet calculated in step 3. *For purposes of calculating EUI, energy that supplies non-building uses (ex. street lights) should be excluded. If you use EPAs Portfolio Manager, you can find square footage there.	All	Y	67.84	Total Municipal annual electricity consumption (kWh) = 1,016,797, (-29,350 kWh from US Hwy 51 Lighting, -942 kWh from Flower Corner, -170 kWh from 4905 Farwell Flasher, -17 kWh from Creamery Rd Flasher, -42 from 5204 Farwell Flasher, and -63 from Bashford Flasher); after kWh to kBtu conversion =(986,213 * 3.412); Total Municipal annual gas consumption (Therms) = 36,669; conversion of Therms = 3,666,900; total sf of all "enclosed" buildings = 103,649 sf
Increase in number of sustainable government buildings (count)	Number of sustainability-certified buildings owned by local unit of government (GTLC member). Methodology 1. Count of all buildings owned by the local unit of government that are certified by LEED, WELL, ENERGY STAR, Passive House, Net Zero Energy, Green Globes, Living Building 2. Communities may contact DNR staff regarding consideration of additional building certification types	All	Y	0.00	Net-Zero Public Safety Center in construction, ready in 2023. Solar rooftop installation on Public Works building.
Increase in number of sustainable buildings in the community	Number of sustainability-certified privately owned buildings in the member community				

(count)	Methodology 1. Count of all privately-owned buildings in the jurisdiction that are certified by LEED, WELL, ENERGY STAR, Passive House, Net Zero Energy, Green Globes, Living Building 2. Communities may contact DNR staff regarding consideration of additional building certification types	All	N	0.00	
Decrease in GHG emissions intensity - government facilities (metric tons per capita)	Metric tons of carbon dioxide equivalents (CO2e) emitted from energy consumed by government buildings Methodology Follow the instructions in the GTLC Emissions Calculator to determine the per capita GHG emissions for the municipality/county for the reporting year.	All	Y	88,608.19 lbs	This data includes the Public Work's rooftop solar arrays in 2021.

Metric		Description	Applicability <i>All/County/Municipality</i>	Core Metric Yes/No	Enter 2021 data	Narrative: DO NOT discuss Supporting Actions here, only notes about the actual metric if you have them
Number	Key Indicator					
TS-1	Increase in bike/ped infrastructure (miles, %)	Percent of arterial and sub-arterial road miles with designated bike and pedestrian areas, including bike lanes, signage, and “sharrows” Methodology: Using GIS or other mapping tools, map out the roads in your community and determine how many miles include walking and biking infrastructure. [Source: This may require collaboration with Planning/GIS/Public Works - Here is an public project to map all bicycle facilities: https://www.cyclosm.org/#map=9/44.4403/-448.7975/cyclosm]	All	Y	Bike and Multi-Use = (24.99, 57.44%); Pedestrian = (31.07, 71.43%)	(Bike and Multi-Use = 131,945 ft = 24.99 mi); (Pedestrian Facilities = 164,058 ft = 31.07 mi); (43.5 miles Per Village Admin's Report)
TS-2	Increase in Public EV Charging Stations (count per capita)	Number of public EV charging stations. Methodology: Using plugshares's website (or other internal sources) to determine the number of public charging stations in your community. Divide by population to get a per capita number. [Source: https://www.plugshare.com/]	All	Y	0	
TS-3	Increase in Sustainable Vehicles (number, %)	Number of EVs, hybrids, and alternative fuel vehicles in the municipal fleet. Methodology: Call fleet services department or relevant public works employee to find out the total number of vehicles in the fleet and the number of EVs, hybrids, and alternative fuel vehicles in the municipal fleet. Report the total percentage of sustainable vehicles.	All	Y	0.033333333	Police Dept Total fleet: 1 EV purchased in 2022 (Police Chief), 1 Hybrid; Total PW fleet = 30; Total F&R fleet= XX;
TS-4	Improvement in walking infrastructure for vulnerable populations (walkscore average)	Average Walkscore for public schools in the community. Methodology: Put the addresses of public schools into Walkscore and then report the average number. If there are more than 5 schools, just choose 5 that are spaced evenly throughout the city. Source: https://www.walkscore.com/	Municipality	N	37.25	
TS-5	Decrease in traffic fatalities & serious injuries (number per capita)	Number of traffic fatalities and serious injuries on streets within City Limits OR on County Highways (bike, ped, or vehicle) Methodology: Find your community in the WisTransPortal System and set the dates to the reporting year. Count the number of traffic fatalities and suspected serious injuries. Report that number divided by the population of your community for a per capita count. Source: https://transportal.cee.wisc.edu/partners/community-maps/	All	N	Total Fatalities: 1; Total Injuries: 4	
TS-6	Increase in complete streets (count)	Cumulative miles or feet of complete streets projects constructed. Methodology: Similar to TS-1, find how many miles or feet of roadway include designated bike and pedestrian areas. What is the total built since the base year? Report that total here.	All	N	56.06 miles or 296,003 ft	(Bike and Multi-Use = 131,945 ft = 24.99 mi); (Pedestrian Facilities = 164,058 ft = 31.07 mi); (43.5 miles Per Village Admin's Report)
TS-7	Increase in sustainable transportation funding (dollars, inflation-adjusted to baseline year)	Increase or maintain funding for sustainable transportation projects or other related work. Work to improve utilization of available funding sources for sustainable transportation. Methodology: Review city budget and report total funding for walking, biking, transit and other sustainable transportation projects.	All	Y	\$ 1,206,000	2022 Annual Budget Village. The report includes past data for 2021 as provided throughout related to this metric: 370-Roadway Supplies (\$98,000), 820+821-Street Maintenance/Reconstruction (\$918,000) and 824-Pedestrian Ways (\$100,000); PW Contractual Services - 230-Street Maintenance (\$90,000);
TS-8	Other support for reducing transportation emissions (# of resolutions passed)	Pass ordinances that support the reduction of GHG emissions from transportation, including more funding for walking, biking, transit, reduced idling, required impact fees, transportation demand management, etc. Methodology: Work with city staff to determine how many ordinances have been passed that support the reduction of GHG gas emissions from transportation.	All	Y	0	
TS-9	Promote Bike Safety and other active living education and awareness	Number of participants in City or County held events	All	N	200	Per McFarland PD's School Resource Officer - estimate of 200;

Metric		Description	Applicability <i>All/County/Municipality</i>	Core Metric Yes/No	Enter 2021 data	Narrative: DO NOT discuss Supporting Actions here, only notes about the actual metric if you have them
Number	Key Indicator					
LU-1	Reduce the number of known polluted sites (% of known sites)	Percent of known brownfield sites that have been remediated in the municipality or county. If none, then state NA. Methodology: *BRRTS system at DNR has all sites listed that are KNOWN - BRRTS on the Web. Can search by municipality and/or county. Use the download button at the top of the table to download a spreadsheet. Filter in the status column to select only records that are OPEN or CLOSED. Count the total number of sites listed within the jurisdictional boundary and divide by those that are labeled as CLOSED. If no sites exist, state NA.	All	Y	129/133 (97%)	Total sites listed = 133; Total sites closed = 129
LU-2	Increase public awareness of sustainable land use practices (# of hours allotted per capita)	County and municipal staff and volunteer hours allotted to promoting sustainable land use practices through education and outreach for private and institutional properties. Methodology: Count the number of staff or volunteer hours allotted to the promoting of these practices.	All	Y	162.5	Hours from Ad-Hoc Sustainability Committee Meetings only (77.5 hours); Hours from staff (5 hrs per meeting, 17 meetings = 85 hours)
LU-3	Increase or maintain amount of accessible & healthy natural areas and green spaces (Acres per capita)	Acres of public parks and designated green spaces per capita Methodology: Using GIS, select parcels or portions of designated green spaces within a parcel. Using the attribute table, sum the amount of acres and divide by population. ** Green spaces must be accessible to the public for recreational purposes. Swamps, wet prairies, brushlands, private parks, etc. that are not easily accessible for recreational purposes like hiking, hunting, fishing, sports, play, etc. should not be considered for this metric. To be considered, these spaces should not be in a state of environmental degradation or misuse.	All	Y	0.017200729	/DOA Population Est. in 2021 = 9,331
LU-4	Improve accessibility and connectivity of trails and paths (Miles per capita)	Miles of recreational trails or shared use pathways per capita Methodology: GIS data recorded for trails and shared use pathways should be available from the County or Municipality. Measure the distance using a measurement tool or by aggregating all recorded distances for trails known for the County or City and then divide distance by population.	All	Y	0.00267817	bike and multi-use facilities; DOA Population estimate (
LU-5	Increase or maintain healthy natural areas (% of acres owned by Muni/County)	Percent of the total acreage of municipality or county owned land maintained as natural areas with public access. <i>(Open green space that is not maintained for native habitat areas should not be considered. Forests, wetlands, prairies, marshes, lakes/rivers/ponds are some examples of natural areas.)</i> Methodology: Using spatial data, measure the acres of natural areas with public access owned and actively managed by the county or municipality. Calculate percent of all publicly held lands that are considered natural areas by dividing the acreage of all lands owned by the City by the acres owned/maintained as publicly accessible open green space or native habitat. Convert to %.	All	Y	11%	345.86 acres of natural areas; V. of McF total acres = 3108.36
LU-6	Improve accessibility to open green space and parks	Percent of all residential properties within .5 mile radius of dedicated open green spaces or parks.	Municipality	Y	100%	
	(% of res. properties within .5 mile)	Methodology: Using GIS, draw buffers of .5 miles around all park spaces, select any residential (Single, Two, Multi Family) properties that intersect the buffered zones. Divide number of residential properties selected intersecting the buffered zones by total number of residential properties. Convert to %.				
LU-7	Improve tree canopy (% of tree canopy maintained by Muni/County)	Percent of maintained tree canopy receiving routine maintenance from municipal or county staff or a hired consultant in the year. <i>** Via WDNR or County Tree Canopy data using imagery classification software). OR Municipal/County tree inventory database updates</i> Methodology: Using GIS software or records from forestry or public works departments. Calculate the percentage of number of recorded trees that received maintenance in a given year.	All	Y	10%	Maintenance on 400 trees in 2021; 4079 trees in inventory
LU-8	Maintain or Decrease Impervious Area (% Imperviousness City Wide)	Decrease or maintain amount of percent imperviousness within the municipality Methodology: Using GIS and LIDAR or heads up digitization, calculate the percent of impervious to pervious surfacing in the city. Track changes annually.	Municipality	Y		
	Mitigate Flood Vulnerability	Percent of all properties within the county or municipality that are impacted by the 100 year floodplain, flood storage district, floodway, or flood fringe. Methodology:				

LU-9	(% of Total Properties)	Consult your local floodplain manager or FEMA Flood Insurance Rate Map Overlay local properties with the FEMA flood layers to extract the number of structures or properties that would be impacted locally by a 100 year flood. This data should be managed by local zoning authorities or request GIS data from the County. Here is FEMA's maps for reference. https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd	ALL	N		
LU-10	Improve Land Conservation Practices (Acres held for conservation)	Number of acres held in deeds or by conservationist groups, including those held by public institutions. Methodology: Aggregate acres of lands dedicated for conservationist practices within the county or municipality. These acres must be held for conservation purposes only, not to be used for any purposes other than biological/ecological survey, conservation, hunting, trapping, or fishing. These lands are typically preserved as native habitat receiving some management practices to maintain health. See - https://dnr.wisconsin.gov/topic/timbersales/dnrlandsand/or local County data for more information on dedicated lands.	All	N	3108.35	Total area of CO zoned parcels = 3108.35
LU-11		Number of acres of agricultural land that has been voluntarily dedicated for sustainable conservationist <u>agricultural</u> practices.	County	N	NA	
	Improve Sustainable Agricultural Practices (Acres dedicated for sustainable practices)	Methodology: Typically these acres of farmland are participating in a regional effort, sometimes led by the County's Land and Water Conservation Departments or by a regional non-profit dedicated to land conservation and water quality. Many times these practices are supported by grant funding (state, regional, or local) to incentivize and teach farmers different sustainable methods for conservation agriculture. The three principles being crop diversification, minimal soil movement, and permanent soil cover. Another component would be the eco-friendly application of herbicides, pesticides, and fertilizers. Resources: https://www.nrcs.usda.gov/wps/portal/nrcs/detail/wi/programs/?cid=nrcs142p2_020735				

Metric		Description	Applicability <i>All/County/Municipality</i>	Core Metric Yes/No	Enter 2021 data	Narrative: DO NOT discuss Supporting Actions here, only notes about the actual metric if you have them
Number	Key Indicator					
WQC-1	Reduce surface water pollutants (%)	Percent reductions in runoff of phosphorus using WinSLAMM or equivalent modeling software (aggregated for the entire City) - NA if not permitted by WDNR. Methodology: Using WinSLAMM or equivalent software, calculate stormwater quality of water runoff across City watersheds. Required by WDNR for permitted MS4's within a TMDL watershed. **For Separated Storm Sewer Systems - MS4 Permitted	Municipality	Y		
WQC-2	Reduce surface water pollutants (%)	Current percent reductions in runoff of suspended solids using WinSLAMM or equivalent modeling software. Methodology: Using WinSLAMM or equivalent software, calculate stormwater quality of water runoff across City watersheds. Required by WDNR for permitted MS4's within a TMDL watershed. **For Separated Storm Sewer Systems - MS4 Permitted	Municipality	Y		
WQC-3	Reduce surface water pollutants (%)	Percent of municipally managed stormwater outfalls inspected for illicit discharges of pollutants Methodology: Aggregate a number of all publicly maintained stormwater outfalls in the City and count the number that have been inspected in the reporting year. **For Separated Storm Sewer Systems - MS4	Municipality	Y		
WQC-4	Reduce surface water pollutants (cubic yards)	Cubic yards of leaves collected by residents or along City streets - usually these are either composted or landfilled. ** Only for Municipalities or towns providing some sort of curbside or drop off leaf collection services.	Municipality	N	673.57 cubic yards	PW shared 943 tons = 673.57 cubic yards (not only including leaves - all compost collected by Barnes)
WQC-5	Reduce surface water pollutants (cubic yards)	Cubic yards of materials removed from municipally maintained storm drain catch basins, proprietary stormwater treatment devices, or stormwater ponds/wet detention basins. **Check with Public Works Department. If not recorded, suggest recording this information for future tracking.	Municipality	N	1.4 cubic yards	The metric does not include "proprietary stormwater treatment devices, or stormwater ponds/wet detentions basins"; Number of catch basins sumps cleaned in 2021 - 40, estimate of tons of material collected 1 ton = 1.4 cubic yards
WQC-6	Reduce water use - Government (gallons per capita)	Total volume of water used in municipal operations Methodology: Utilities are required to meter water use unless it is gray water. Any source of water provided through a utility should have a billing cycle. Check utility billing for municipal or township properties currently using utility provided water. Add up all water use. Divide by the community's population.	Municipality	Y	59.91	Municipal Center - 296,000 gal; Public Works - 176,000 gal; American Legion - 35,000 gal; Library - 44,000 gal; Youth Center - 8,000 gal; DOA Population estimate (2021): 9331
WQC-7	Reduce water use - Community (gallons per capita)	Total volume of water used in the community Methodology: Request information from the local water utility. This information should be stored and recorded for WDNR reporting purposes.	Municipality	Y	21584.82	Residential & Multi-Family = 173,800,000; Commercial = 27,608,000; total = 201,408,000; DOA Population estimate (2021): 9331
WQC-8	Reduce water use - All (%)	Percent water loss in water utility system Methodology: Calculate or aggregate total gallons pumped (not billed) by utility vs. gallons paid for by customer base (Gallons pumped vs. gallons used). The difference between the two should be the amount of gallons being lost in the utility infrastructure.	All	Y	10%	Gallons of water pumped = 236,045,000; 10% loss per (2021 PSC Report)
WQC-9	Improving water quality and conservation (ratio of attendees per capita)	Education and outreach informational workshops, presentations, or other efforts designed to engage residents, business owners, or City/County staff on stormwater and water quality and conservation best management practices that were sponsored or promoted by County/City/or a hired third party by recording attendance (both virtually or in person). Methodology: Require a sign in or have someone counting heads. For larger events create a way for participants to register.	All	Y		
WQC-10	Maintain clean potable water resources (%)	Percent of the known number of existing lead water service lines replaced during reporting year, if completed, please state 100% Methodology: Request information from the local water utility.	Municipality	N	0	Unknown if this data is tracked by McFarland's Public Works
WQC-11	Maintain clean potable water resources (%)	Percent of permitted private wells inspected and water quality lab reports submitted to the municipality Methodology: Request information from the water utility.	Municipality	Y	0	With the recent annexation of properties formally within the Town of Blooming Grove, we have not required those with private wells to provide inspection report or water quality lab reports. Municipal water is not available to these customers at this time.
WQC-12	Increase Staff Training - Salts & Chlorides (%)	Percent of municipal or county snow and ice management staff who have attended Salt Wise trainings or an equivalent salt reduction education training Methodology:	All	Y	10	10 PW employees (count)

		Contact your streets or public works departments.				
WQC-13	Reduce surface water pollutants (pounds per mile)	Pounds of salt applied during snow and ice management per miles of streets receiving snow and ice maintenance Methodology: Consult the public works department or engineering department or GIS department to aggregate miles of streets maintained by the entity (County/Town/City) for snow and ice maintenance. Then create a ratio of the number of lbs. of salt and or gallons of brine (can calculate lbs. of salt in the brine based on the mixing ratios used by the streets crews) used to maintain those streets annually.	All	Y	14318.18	The Village plow 88 miles and purchased 750.8 tons; however, with our MS4 permit which shows the 2021 product usage for Salt and Brine. Salt total for the 2021 year would be 630 tons.
WQC-14	Reduce surface water pollutants (%)	Percent of sanitary sewer annually inspected by televising sewer lines or by some other method Methodology: Contact your utilities or public works departments.	All	N	33%	
WQC-15	Reduce surface water pollutants (%)	Percent of sanitary manholes and grease traps inspected each year Methodology: Contact your utilities or public works departments.	All	N	33%	Manholes = 33%; Grease traps = 0%

Metric		Description	Applicability <i>All/County/Municipality</i>	Core Metric Yes/No	Enter 2021 data	Narrative: DO NOT discuss Supporting Actions here, only notes about the actual metric if you have them
Number	Key Indicator					
SW-1	Landfill waste reduction (Tons/yr or cu. yds/yr, per capita)	Annual tonnage of waste received at landfill locations (both municipal and residential). Methodology: 1. Collect data from waste management company, or from municipal staff tasked with waste collection (waste may not be reported on currently, but likely tracked by waste management company and can be requested). 2. Divide total pounds by the population to get per-capita figure.	All	Y	468.81149	61.92 tons municipal; 2,125.32 tons-residential; total McFarland-2,194.98 ton; DOA Population estimate (2021): 9331
SW-2	Recycling waste increase (Tons/yr or cu. yds/yr, per capita)	Annual tonnage of recyclable waste received at recycling locations (both municipal and residential). Methodology: 1. Collect data from waste management company, or from municipal staff tasked with waste collection (recycling tonnage is generally reported to the DNR annually, but if not available the waste management company likely tracks this info and can provide it). 2. Divide total pounds by the population to get per-capita figure.	All	Y	204.2975	off program; 30.95 tons municipal; 920.70 tons-residential; total McFarland-1,151.95 tons
SW-3	Composting waste increase (Tons/yr or cu. yds/yr, per capita)	Annual tonnage of compostable organic waste received at municipal composting locations or annual tonnage of waste sent to private composting locations. Methodology: 1. Collect data from waste management company if available, or from municipal staff tasked with waste collection. 2. Divide total pounds by the population to get per-capita figure.	All	N	0	The Village of McFarland does not receive or process compostable organic waste
SW-4	Contamination rate reduction (% of total waste tonnage)	Rate of cross-waste stream contamination Methodology: 1. Contact waste management company to request figures for tonnage sent to landfill from recyclables collections. 2. Divide this landfilled extraction from amount of recycling collected to calculate recycling “cross-contamination” as a percent.	All	N	0	Unknown if this data is tracked
SW-5	Construction and demolition waste recycling rate increase (% of total waste tonnage)	Annual tonnage of Construction and Demolition (C&D) waste collected for recycling and diverted from landfills. Methodology: 1. If this data is reported to the responsible unit or waste management company, collect C&D waste diverted from landfills for recycling. 2. Divide this diverted tonnage from total amount of waste sent to landfill to calculate C&D diversion as a percent.	All	N	0	Unknown if this data is tracked

Metric		Description	Applicability <i>All/County/Municipality</i>	Core Metric Yes/No	Enter 2021 data	Narrative: DO NOT discuss Supporting Actions here, only notes about the actual metric if you have them
Number	Key Indicator					
HEALL-1	DEI or HIAP Education	Number of community-wide DEI events (in person or virtual) hosted Methodology: IF you have more to share please elaborate in the narrative section.	ALL	N	139.5 Hours	Data incldues total recorded number of hours of attendance at publically meeting from committee members.
HEALL-2	DEI or HIAP Outreach	Annual increase in followers on a dedicated health and equity or DEI on social media account If no dedicated account then put NA. Methodology: IF you have more to share please elaborate in the narrative section.	ALL	N	NA	The Village of McFarland does not have a dedicated health and equity or DEI social media account
HEALL-3	DEI or HIAP Resources	Total budget allocated to DEI initiatives in the community or county. Methodology: IF you have more to share please elaborate in the narrative section.	ALL	N	\$25,000	2022 Annual Budget Village Board Approved, Nov. 22, 2021: (\$25,000)
HEALL-4	Civic engagement	Voter turnout for local elections by percent of voting aged population Methodology: Consult WI Elections Commission or City/County Clerk's office. Calculate the average voter turnout over the course of the reporting year for any election where a local government office was in play	ALL	Y	33.40%	
HEALL-5	Volunteerism in local government (events, committees, work groups, etc.)	Number of community volunteers on committees and for events hosted by local government (self reported)	ALL	N	121	Estimate of committee and Community members = 56; Senior Outreach = 65; Parks and Rec = XX
HEALL-6	Housing and Transportation Burden	Percentage of income spent on housing and transportation Methodology: Follow link and enter town/village/city/county name into search window. Use the Average under Housing + Transportation Costs % Income H+T Affordability Index	ALL	Y	48%	

Supporting Action Id	Action	Supported Metrics (LU-X). If none listed, add summary in Narrative Report (NAR)	Year Implemented, enter UNK if unknown	Completed, Ongoing or In Progress, In Planning	Narrative Report (Optional - describe the project or action)
ERSA-1	Complete a municipal GHG inventory for Scope 1 and 2 and establish baseline emissions	ER-6	2021	Completed	Included in the Energy Section of the Sustainability Plan (page 14) adopted in 2021.
ERSA-2	Complete a municipal GHG inventory for Scope 3 and establish baseline emissions	ER-6	2021	Completed	Included in the Energy Section of the Sustainability Plan (page 14) adopted in 2021.
ERSA-3	Complete the ICLEI US Community Protocol and establish baseline emissions	ER-6			
ERSA-4	Establish municipal and community-wide emissions reduction, energy reduction, onsite renewable energy and/or energy efficiency goals in a supporting plan or resolution.	ER-1, ER-2 (all), ER-3 (all), ER-4, ER-6	2021	Completed	Included in the Energy Section of the Sustainability Plan (page 14) adopted in 2021.
ERSA-5	Use Focus on Energy, utility Commitment to Community programs, and/or other resources to conduct energy assessments on municipal facilities that are identified as high energy users	ER-3A, ER-3B, ER-4, ER-6	UNK	In Progress	An energy audit for all municipal buildings will occur in 2023
ERSA-6	Use ENERGY STAR Portfolio Manager, or other software tools, to track energy use in all municipal facilities	ER-3 (all), ER-4	UNK	In Planning	Identified as a Mid-Term Action within the Energy Actions from the Sustainability Plan (page 15)
ERSA-7	Require new municipal buildings, and significant remodels of existing buildings, to be designed to achieve a sustainable building certification, such as an ENERGY STAR score of 75, or certification through LEED, WELL, Passive House, Net Zero Energy, Green Globes, or Living Building. The local government may specify the sustainability standard(s) that it will recognize and include an EUI target in the construction contract	ER-1, ER-3 (all), ER-4 ER-6	UNK	In Progress	The construction of the Net Zero Public Safety Center will be completed in 2023. Within this new building will be the Police Department, Fire & Rescue, and Village Court. Plans for remodeling of the existing space within the Municipal Center will include energy saving options, rooftop solar arrays, and HVAC assessments. It is unknown at this time if there is a type of cerfication the Village is looking to achieve.
ERSA-8	Increase visibility of renewable energy in the community by installing PV systems at government facilities and enable public access to electricity production data monitoring.	ER-1, ER-2A, ER-3A, ER-4, ER-6	UNK	Ongoing and In Progress	Currently, the Public Works' rooftop solar arrays has a data monitoring site available through the Village website which tracks the production of electricity. This information is avaliable for public access. Continuing, plans to remodel the Municipal Center will look to include new PV systems and its own tracking site.
ERSA-9	Offer renewable energy purchasing or participation programs or promote existing programs from outside sources to residents and businesses.	ER-2A	2021	Ongoing	Promotion of a Solar Group-Buy program has been included in Village social media and newsletters for options to purchase solar.
ERSA-10	Take steps to simplify the solar permitting process and remove other barriers to residential solar implementation.	ER-2A		Completed	
ERSA-11	Leverage Focus on Energy and University of Wisconsin System resources to offer public educational programs, or otherwise provide resources for interested parties, on energy efficiency upgrades for homes and businesses	ER-2A			
ERSA-12	Implement a plan to upgrade all municipally owned or controlled streetlights and stop lights to LED lamps.	ER-3A, ER-6	UNK	Ongoing	The Village does not own any stop lights. The streetlights are partially owned by the Village and Alliant. Upgrade to LED has been an ongoing task by the Public Works Department, and replacement typically occurs at the end of the existing lights.
ERSA-13	Incorporate energy efficiency upgrades for lighting, HVAC and building shells for all municipal buildings into the community's capital improvement plan.	ER-3, ER-6	UNK	In Planning	
ERSA-14	Make watt meters available to the public	ER-2A			
ERSA-15	Adopt an energy use disclosure ordinance for residential and/or commercial buildings (Requires the seller of a property to inform prospective buyers of the building's energy use for one, or more previous years).	ER-2			
ERSA-16	Pass a resolution to become a State of Wisconsin Energy Independent Community with updated goals extending beyond 25% renewable energy by 2025	ER-1, ER-6	2021	Completed	Included in the Energy Section of the Sustainability Plan (page 14) adopted in 2021.
ERSA-17	Purchase renewable electricity for municipal buildings	ER-1, ER-6		In Progress	Negotiation with Alliant Energy for a solar farm on an 8-acre lot is in progress. Details for renewable energy credits are included in the discussion and contract negotiations.
ERSA-18	Establish policy requiring that all new and renovated municipal buildings must achieve a community-determined sustainable building certification	ER-1, ER-3, ER-5A, ER-6	UNK	In Progress	An energy audit for all municipal buildings within the Village will occur in 2023. Following the completion of this audit, the Village will explore energy alternative options to improve its existing infrastructures. It is unknown at this time if there are any sustainable building certifications the Village is looking to obtain.
ERSA-19	Capture biogas from wastewater treatment facility, landfill, or community compost facility and use biogas to power operations.	ER-1, ER-6			

ERSA-21	Include energy efficiency, renewable energy, and/or sustainable building certification requirements or incentives into TIF policies and other programs assisting commercial development projects.	ER-2, ER-5B			
ERSA-22	Improve all aspects of the energy reduction program by increasing the amount of grant funding awarded to the City/County and track the amount of funding annually by making it part of staff responsibilities to do so. Please elaborate on this action in the narrative portion of the report.	ER-ALL			
Other	Describe a supporting action your community has taken that is not in the list	NAR			

Supporting Action Id	Action	Supported Metrics (LU-X). If none listed, add summary in Narrative Report (NAR)	Year Implemented, enter UNK if unknown	Completed, Ongoing or In Progress, In Planning	Narrative Report (Optional - describe the project or action)
TSSA-1	Require bike parking for all new non-residential and multifamily uses.	TS-1, TS-4, TS-6, TS-8		In Planning	To be considered in 2024 Zoning Code Update
TSSA-2	Set standard for placement and number (as function of intensity of use) of bike parking spaces. See: https://www.apbp.org/bicycle-parking-solutions https://www.apbp.org/assets/docs/EssentialsofBikeParking_FINA.pdf	TS-1, TS-4, TS-6, TS-8	UNK	In Planning	
TSSA-3	Create public-facing resource showing all bike routes and pedestrian paths.	TS-1, TS-4, TS-6, TS-7	UNK	Ongoing	Included in the Village interactive Zoning Map as a layer.
TSSA-4	Identify, sign, maintain, and clear bike routes in the community year-round	TS-1, TS-4, TS-5, TS-6, TS-7, TS-8	UNK	Ongoing	Included in the Village interactive Zoning Map as a layer.
TSSA-5	Receive certification by the League of American Bicyclists as a Bicycle Friendly Community. Work with Businesses to promote bike commuting Source: https://www.activewisconsin.org/ and https://www.bikeleague.org/	TS-1, TS-4, TS-6, TS-7			
TSSA-6	Promote bike safety and “rules of the road” education sessions, through in-school education programming, bike rodeos, and other public-facing efforts; or work with a community organization to do the same	TS-1, TS-4, TS-5, TS-6, TS-7, TS-8		Ongoing	Police Department holds annual bike safety events
TSSA-7	Implement a bike-share program for residents and visitors	TS-1, TS-4, TS-6, TS-7, TS-8	2021	Completed	received its pilot year in 2022 due to supply delays. With a late start to the year when the Village finally received its bike, we will
TSSA-8	Require large employers (50+ employees) seeking rezoning to create a transportation demand management plan	TS-8			
TSSA-9	Increased safe pedestrian and bike routes to parks and public greenspace and other key destinations (grocery stores, schools, other public facilities, etc.)	TS-1, TS-4, TS-5, TS-6, TS-7, TS-8		Ongoing	Future Bike/Ped facilities are working to create more connectivity among existing and surrounding trails. Future facilities will incorporate growth into development east of the Village.
TSSA-10	Eliminate or lower parking minimums from non-residential districts, when applicable	TS-8		In Planning	To be considered in 2024 Zoning Code Update
TSSA-11	Charge impact fees to developers for new roads and utilities	TS-8		Ongoing	The Village already requires impact fees for new constructions of multifamily residential buildings. They are also included in any alterations/additions to existing
TSSA-12	Create and implement a plan to incorporate EVs, hybrids, and alternative fuel vehicles to municipal fleet vehicle replacement plan.	TS-2, TS-3, TS-8	2021	Ongoing	identifies preferences to increase the number of vehicles among Municipal transportation fleet. Likely, this goal will be an "as needed" approach when each department looks to change their fleet vehicle..
TSSA-13	Install public EV charging stations	TS-2, TS-3, TS-8	2021	In Planning	Within the Sustainability Plan, page 16-Transportation, the plan identifies goals to increase the number of public EV charging stations throughout the Village.
TSSA-14	Create a policy and train staff that prohibits idling of municipal fleet vehicles for more than 5 minutes	TS-3, TS-8	2021	In Planning	Identified as a Mid-Term Action item within the Transportation Section of the Village's Sustainability Plan adopted in 2021. This action has not started.
TSSA-15	Ban idling of unoccupied vehicles community-wide	TS-8	UNK	In Planning	Identified as a Mid-Term Action item within the Transportation Section of the Village's Sustainability Plan adopted in 2021. This action has not started.
TSSA-16	Prepare a plan that identifies disconnections in bike and pedestrian networks, prioritizing fixes and identifying potential funding sources for the most important projects. Consider solving the last mile challenge where present.	TS-1, TS-4, TS-5, TS-6, TS-7, TS-8	2020	Ongoing	Identified in the 2020-23 Village Strategic Plan, Goal E: Improve community connectivity along pedestrian and vehicular corridors.
TSSA-17	Identify four-lane roadways with fewer than 20,000 vehicles per day (AADT) and evaluate them for "road diets" with bike lanes or on-street parking	TS-1, TS-4, TS-5, TS-6, TS-7, TS-8			
TSSA-18	Calculate Walkscores and Bikescores for the community on the whole and develop a plan to improve those scores Source: https://www.census.gov/topics/employment/commuting/guidance/commuting.html	TS-3, TS-8			
TSSA-19	Establish an expanded public transit that serves commuters from all neighborhoods and major parks and recreation facilities, and has racks on vehicles for carrying bicycles.	TS-7, TS-8	UNK	In Planning	The Village is in the early conversations with Madison Transit to establish public transit routes that would better serve the community.
TSSA-20	Adopt and implement a pedestrian and bicycle safety and improvements plan	TS-7, TS-8	UNK	In Planning	The Public Works & Utilities Committee have yet to begin
TSSA-21	Create a standing committee to promote pedestrian and bicycle improvements	TS-1, TS-4, TS-6, TS-7, TS-8			
TSSA-22	Implement a complete streets plan	TS-7, TS-8			
TSSA-23	Any proposal to add lanes to a two-lane roadway shall be evaluated for a center turn lane, the preferred option over an expansion to four lanes.	TS-8	UNK	In Planning	Future roadway expansion has been discussed in the East Side Neighborhood Plan Update. The plan update is scheduled to be completed in 2023, addressing growth east from the Village center.
TSSA-24	Improve all aspects of the transportation systems program by increasing the amount of grant funding awarded to the City/County and track the amount of funding annually by making it part of staff responsibilities to do so. Please elaborate on this action in the NAR portion of the report.	TS-ALL			

TSSA-25	Incorporate access to bicycle and pedestrian infrastructure into decisions for siting of municipal county and school facilities, as well as into zoning decisions	TS-1, TS-4	UNK	Ongoing	Ongoing efforts by Community & Economic Development/Engineering/Public Works during review of projects
Other	Describe a supporting action your community has taken that is not in the list	NAR			

Supporting Action Id	Action	Supported Metrics (LU-X). If none listed, add summary in Narrative Report (NAR)	Year Implemented, enter UNK if unknown	Completed, Ongoing or In Progress, In Planning	Narrative Report (Optional - describe the project or action)
LUSA-1	Identify priority areas, like business centers or corridors, underutilized former industrial areas, or other previously developed but poor quality areas along rivers, lakes, or streams, for infill development and then facilitate development of those areas without removal or with the addition of valuable green spaces (IE. Parks, recreational spaces, natural/preserved habitat, conservation lands). When possible restore shoreline and flood prone areas to native habitat or with low impact infrastructure like pathways or boardwalks.	LU-1, LU-3, LU-4, LU-5, LU-6, LU-9, NAR			
LUSA-2	Facilitate or incentivize brownfield site redevelopment or remediation in the community or county. When possible restore areas in flood prone locations to native habitat.	LU-1, LU-3, LU-4, LU-6, LU-9			
LUSA-3	Zoning codes allowing beekeeping on single family, institutional, or agricultural properties	NAR	2021	In Planning	This action has been identified in the Sustainability Plan, page 23 Land Use & Development Actions for Long-Term Actions. There is no set date for when this action will be implemented.
LUSA-4	Increase requirements for minimum tree plantings in redevelopments and new developments and require planting of diverse native tree species.	LU-3, LU-5, LU-7			
LUSA-5	Set standards for redevelopment projects to reduce overall intensity of development by requiring green infrastructure and minimum green space provisions per square foot of impervious footprint.	LU-3, LU-6			
LUSA-6	Create land bank to acquire and assemble priority infill sites or to preserve land for flood mitigation, reduction of density, parks/dedicated public green space, or trails/pathways to increase accessibility	LU-3, LU-4, LU-5			
LUSA-7	Revise zoning requirements for office and retail districts to permit floor-area ratio >1 on average https://www.planning.org/pas/reports/report111.htm	LU-8			
LUSA-8	Promote, through local policy initiatives, life cycle or adaptable housing options, such as "aging in place", accessory dwelling units (ADUs), Universal or Inclusive Design, Dementia Friendly Communities, Age-Friendly Communities, workshops, presentations, etc. to minimize sprawl and improve infill development and density.	LU-2, LU-10	2021	In Progress	This action has been identified in the Sustainability Plan, page 23 Land Use & Development Actions for Mid-Term Actions. Preliminary discussion and research was presented to the Plan Commission at the October 18th, 2022 meeting. Future discussion and action for this item will carry on throughout 2023.
LUSA-9	Adopt a tree preservation ordinance https://www.isa-arbor.com/education/onlineresources/treeordinanceguidelines	LU-7			
LUSA-10	Set a tree canopy goal, perform a tree canopy assessment, and develop a forestry management plan to achieve it.	LU-7	2022	Ongoing	The Park Department has completed a tree canopy assessment in June 2022. A tree management plan for tree removal, maintenance, and planting followed the assessment.
LUSA-11	Require a planting scoresheet to regulate the amount of trees, shrubs, bushes that will be planted in redevelopments or new developments	LU-3, LU-7	UNK	Completed	The Village Code of Ordinance establishes Sec. 62-310. - Site/design review requires this from all developments which include residential projects consisting of three or more dwelling units, any commercial, any industrial, any public utility or government entity or religious organization, and any parking area including five or more parking spaces.
LUSA-12	Certification as Tree City USA	LU-7	2009	Completed	
LUSA-13	Certification as Bird City Wisconsin Community	NAR	2011	Completed	
LUSA-14	Revise zoning codes for commercial, industrial, multifamily, or institutional properties to protect existing native habitats like sensitive areas, wildlife habitats, and wetlands, or to require installation of green infrastructure.	LU-5, LU-6		In Planning	The Village has scheduled a zoning code update in 2023 for various sections of the code, addressing outdated or new regulation.
LUSA-15	Improve all aspects of the land use program by increasing the amount of grant funding awarded to the City/County and track the amount of funding annually by making it part of staff responsibilities to do so. Please elaborate on this action in the NAR portion of the report.	LU-ALL	2022	In Planning	A zoning code update is included in the capital improvement budget for 2023.
LUSA-16	Implement zoning code strategies to increase overall density located in areas that are highly accessible to population needs like public transit, healthy food options, daycare/childcare - schools, green space/recreational areas, and healthcare	LU-3, LU-4, LU-6			

LUSA-17	At the beginning of project planning identify potential opportunities and/or funding to better connect state, regional, or local greenspaces	LU-3, LU-4, LU-5, LU-6			
LUSA-18	Organize a volunteer work day on public or private lands to help promote sustainable land use impacts (pulling invasives, planting trees, improving trails, treating plants/trees, etc.).	LU-2, LU-3, LU-4, LU-5, LU-6, LU-7, LU-10, LU-11			
LUSA-19	Inform residents and businesses, including properties used for agriculture, that are located along waterways or within flood zones of ways to mitigate flood damage to their properties and businesses. (FEMA funding, flood mitigation techniques, process for filing a LOMR, etc.)	LU-2, LU-9, LU-11			
LUSA-20	Create agricultural incentives and educational material through a land and water conservation department and inform farmers on sustainable agricultural land use practices (cover crops, buffer crops, harvestable buffers, direct injection manure, composting, application practices, etc.)	LU-5, LU-10, LU-11			
LUSA-21	Implement a conservation program to educate and incentivize the private ownership of deeded lands dedicated for conservationist practices, to be held on a permanent basis without the ability to develop or utilize for any economic or utilitarian purposes other than for ecological survey, hunting, fishing, or trapping. Many times these are done through conservation easements. https://dnr.wisconsin.gov/aid/Easements.html Other Examples: https://dnr.wisconsin.gov/topic/Lands/VPA	LU-5, LU-7, LU-8, LU-9, LU-10			
Other	Describe a supporting action your community has taken that is not in the list	NAR			

Supporting Action Id	Action	Supported Metrics (LU-X). If none listed, add summary in Narrative Report (NAR)	Year Implemented, enter UNK if unknown	Completed, Ongoing or In Progress, In Planning	Narrative Report (Optional - describe the project or action)
WQCSA-1	Reduce use of synthetic chemical pesticides, herbicides, and fertilizers in municipal, town, or county landscape management and try to promote use of more natural management processes.	WQC-1, WQC-2, WQC-3	2020	Ongoing	Chapter 3 Vegetation Management Use Policy which guides the use of pesticides and fertilizers in Village owned property
WQCSA-2	Supervise chemical applicators during pesticide or other chemical application to storm water ponds to ensure best management practices are implemented	WQC-1, WQC-3			
WQCSA-3	Create community policy and best management practices for minimizing chemical use during vegetation management	WQC-1, WQC-2, WQC-3, WQC-9		Ongoing	No program at this time. Village Public Works write articles to be included in the various newsletters
WQCSA-4	Eliminate use of groundwater for irrigation in municipal landscape management	WQC-1, WQC-2, WQC-3, WQC-6			
WQCSA-5	Establish 75-foot natural vegetation buffer around surface water	WQC-1, WQC-2, WQC-3			
WQCSA-6	Apply block rates to residential and commercial water billing	WQC-7			We have one rate for 59,000 gallons of water and less and a separate rate for 60,000 and more. Not sure if this qualifies as block rates
WQCSA-7	Offer water and sewer billing credits for installation and use of stormwater management systems (ex. Rain barrels, rain gardens, swales, pervious pavement)	WQC-1, WQC-2			
WQCSA-8	Develop a water efficiency and conservation plan for City, Town, or County buildings.	WQC-6, WQC-8			
WQCSA-9	Install faucet aerators and low-flow plumbing fixtures in all municipal facilities	WQC-6	UNK	Ongoing	Complete as needed
WQCSA-10	During televising inspections clean at least 10% of the entities sanitary sewer collection system per year	WQC-14	2020	Ongoing	Clean 33.3% of the sanitary collection system per year
WQCSA-11	Televise or visually inspect greater than 10% of sanitary sewer collection system per year	WQC-14	2020	Ongoing	Televise 33.3% of the sanitary collection sysetm per year
WQCSA-12	Establish a program to inspect and control grease in sewer system	WQC-15			Current grease ordinance to be updated but no current program specifically for this metric.
WQCSA-13	Create program and train staff to identify any unapproved illicit discharges from commercial and/or industrial users	WQC-3			The Village utilizes Town & Country Engineering for this
WQCSA-14	Establish legal authority to inspect private residences or businesses to prohibit sump pump connections to the sanitary sewer system	WQC-14	UNK	Completed	Sec. 8-311. - Conduiting Tests of the Village's Municipal Code of Ordinance estalishes this.
WQCSA-15	Establish a pretreatment or industrial control program that implements legal authority to administer fees/charges, to issue permit limitations for high flow and/or high strength waste discharges to the sanitary sewer system	WQC-1, WQC-3			Madison Metropolitan Sewerage District does this for those within Village limits
WQCSA-16	Provide financial assistance to residents to replace lead sewer laterals.	WQC-10 , HECO-2			
WQCSA-17	Reduce rates of inflow and infiltration in sanitary system by at least 10%	WQC-14. WQC-15		In Progress	Working on this through our cleaning and televised work completed each year
WQCSA-18	Create an inventory of wetlands in the community and ensure no net loss of preserved wetlands.	WQC-1, WQC-2, LU-5			
WQCSA-19	Adopt a transferable development rights program to provide an incentive for landowners to preserve sensitive natural lands and wildlife habitat on the fringe of waterways	WQC-1, WQC-2, LU-9, LU-10, LU-5			
WQCSA-20	Establish a dedicated source of funding for open space acquisition and management (e.g., bond proceeds, sales tax).	WQC-1, WQC-2, LU-3, LU-5, LU-6, LU-10			
WQCSA-21	Provide financial support to or collaborate with land trusts to acquire critical natural areas on or near waterways	WQC-1, WQC-2, LU-5, LU-6, LU-10			
WQCSA-22	Develop a water loss control plan with targets below the 15% required by the state and include a system-wide water audit implementation and time table	WQC-6, WQC-8		Ongoing	Record water loss percentage on Public Servcie Commission report annually. Currently below 15%
WQCSA-23	Replace concrete channels with re-meandered and naturalized creeks, wetlands, or swales	WQC-1, WQC-2			
WQCSA-24	Join EPA's WaterSense Program for water utilities or the Groundwater Guardian Green Sites program and promote them to local business.	WQC-1, WQC-2, WQC-3, WQC-9, WQC-12			
WQCSA-25	Develop partnerships with businesses to repurpose high strength water waste.	WQC-3, WQC-5, WQC-9, NAR			
WQCSA-26	Develop a storm sewer catch basin cleaning program to reduce trash, debris, suspended solids, and heavily laden organic material from entering water bodies	WQC-4, WQC-5	2021	Ongoing	Adopt-a-Storm Drain through MAMSWAP
WQCSA-27	Develop leaf and yard waste collection program	WQC-4	UNK	Ongoing	Residential can bring yard waste material to the yard waste stie for disposal
WQCSA-28	Develop a regular street sweeping program to reduce total suspended solids	WQC-1, WQC-2, WQC-3, WQC-4, WQC-5	UNK	Ongoing	Daily records are taken as part of MS4 permit requirements

WQCSA-29	Require redevelopment of commercial and light industrial business areas to incorporate stormwater management plans that set infiltration and pollutant reduction standards	WQC-1, WQC-2, WQC-3, WQC-4, WQC-5		Ongoing	Included in various Village Ordances, in particular, Article XVIII. - Stormwater Management
WQCSA-30	Develop and implement annual construction permitting and inspection program	WQC-1, WQC-2, WQC-3, WQC-5			
WQCSA-31	Develop and implement asset management plans that set targets for the sustainable maintenance, operation and renewal of water and wastewater infrastructure.	WQC-6, WQC-8, WQC-11, WQC-14, WQC-15	UNK	In Progress	Currently have a long term capital improvement plan that addresses water and wastewater infrastructure
WQCSA-32	Facilitate public-private partnerships to offer rain barrels to residents annually.	WQC-1, WQC-2, WQC-6, WQC-7, WQC-9	UNK	Ongoing	In partnership with MAMSWAP
WQCSA-33	Implement salt wise workshops for salt applicators and require Public Works applicators to get certified	WQC-12, WQC-13		Ongoing	Public Works staff attend Salt Wise workshops
WQCSA-34	Implement an incentive program for residents and multifamily complexes to encourage on demand water softener and low flow toilet installations	WQC-7, WQC-9	2021		Participated in a pilot program with Madison Metropolitan Sewerage District (MMSD) to encourage softener evaluations including tune-ups and replacements for inefficient softeners. No program for low flow toilets at this time.
WQCSA-35	Develop financial incentive program to promote and increase the amount of green roofs and other types of stormwater runoff and treatment control best management practices in new developments and redevelopments	WQC-1, WQC-2, WQC-3, WQC-9	UNK		Village ordinance has the option for commercial properties to receive stormwater reduction in fees if criteria is met Sec. 47-272.
WQCSA-36	Implement a drug take back program and host a secure drop off site to mitigate the amount of drugs placed in the landfills or that get flushed to sewage treatment plants and eventually end up polluting rivers, lakes, streams, oceans.	WQC-14, WQC-15	UNK	Ongoing	The Village's Police Department implements a drug drop off program in Municipal Center.
WQCSA-37	Improve all aspects of the WQC program by increasing the amount of grant funding awarded to the City/County and track the amount of funding annually by making it part of staff responsibilities to do so. Please elaborate on this action in the NAR portion of the report.	WQC-ALL			
WQCSA-38	Implement a stormwater and/or sanitary effluent testing or monitoring program to annually test at least 10% of the system.	WQC-1, WQC-2, WQC-3, WQC-12, WQC-13, WQC-14, WQC-15			Madison Metropolitan Sewerage District tests our effluent as part of their invoicing to the Village. As part of our MS4 permit, public works inspects stormwater facilities for any illicit discharges
Other	Describe a supporting action your community has taken that is not in the list	NAR			

Supporting Action Id	Action	Supported Metrics (LU-X). If none listed, add summary in Narrative Report (NAR)	Year Implemented, enter UNK if unknown	Completed, Ongoing or In Progress, In Planning	Narrative Report (Optional - describe the project or action)
SWSA-1	Conduct a waste audit for municipal facilities (including recycling, composting as able).	SW-4	UNK	Ongoing	Receive montly estimated amount of waste generated. No formal waste audit has been completed
SWSA-2	Conduct a community-wide waste audit (including recycling, compost, as able), ideally breaking out data by different sectors (residential/commercial/institutional, renters/owners, etc.) to further elucidate performance and where to address future efforts.	SW-ALL			See SWSA-1
SWSA-3	Implement an ordinance requiring or incentivizing the recycling and reuse of construction and demolition waste (at minimum, update information on requirements for C&D waste, including required asbestos notification to DNR). <i>Resources:</i> https://dnr.wisconsin.gov/topic/SmallBusiness/Resources/ConstructDemo.html https://dnr.wisconsin.gov/topic/Demo	SW-1, SW-2, SW-5			No current ordinance however asbestos notification is required to the DNR
SWSA-4	Ensure community access to composting collection program. If access exists, engage in education and promotion to increase use of existing programs/facilities. If access is limited, implement curbside composting service (or another locally-relevant service that provides similar access) in the community.	SW-3			No food composting program exists. Yard waste composting exists with drop-off at public works facility. Compelte some community education programs in connection to the MS4 permit.
SWSA-5	Ensure community access to collection programs for wood waste from construction & demolition and yard waste. If access exists, engage in education and promotion to increase use of existing programs/facilities. If access is limited, implement pickup/dropoff service or other collection program accessible to community members.	SW-1, SW-5			
SWSA-6	Ensure community access to collection programs for electronic waste. If access exists, engage in education and promotion to increase use of existing programs/facilities. If access is limited, implement collection program accessible to community members. <i>Resource:</i> For electronics collection sites, see https://wisconsin.dnr.shinyapps.io/EcycleCollectorSite/	SW-1, SW-2, SW-4			
SWSA-7	Ensure community access to collection programs for hazardous waste (paints, volatile compounds, oils, batteries, pharmaceuticals, sharps, etc.). If access exists, engage in education and promotion to increase use of existing programs/facilities. If access is limited, implement a collection program accessible to community members. <i>Resource:</i> For sharps collection sites, see https://wisconsin.dnr.shinyapps.io/sharpsccollectorsite/	SW-1, SW-2, SW-4	UNK	Completed	Waste oil and antifreeze collection available for drop off at Public Works facility. All other items are recommnded to be sent to Dane County clean sweep. Med drop off located in entry way of municipal center. Police department recently hosted a drug take back event.
SWSA-8	Host annual events to allow recycling of items that are typically difficult to recycle (E-waste, paints or volatile compounds, oils, batteries, etc.)	SW-1, SW-2, SW-4			
SWSA-9	Create and implement a municipal waste-reduction plan and education program following the “7 Rs” (Rethink, Refuse, Reduce, Reuse, Repair, Rot, Recycle)	SW-1, SW-2, SW-3			
SWSA-10	Implement waste-reduction practices, such as encouraging electronic document use to decrease printing, and installing water bottle filling stations to reduce plastic bottle use.	SW-1	UNK	Ongoing	The Village has tried to go paperless as much as possible. Water bottle filling stations are installed along digital access to meeting packets, reducing printing jobs.
SWSA-11	Spot-check businesses and rental properties to ensure adequate recycling facilities. Recycling facilities are required by law, but enforcement is complaint-based. Actively checking would go above and beyond existing regulations/compliance.	SW-1, SW-2			Businesses and rental properties are not within the village scope of recycling services. These are contracted separately of the village.
SWSA-12	Work with your MRF to expand the list of recyclables they accept, and provide clear guidance to residents on what can be recycled locally, keeping said guidance updated on a regular basis as markets and facilities change.	SW-1, SW-2, SW-4	UNK	Ongoing	List of recyling products are available on the Village website.
SWSA-13	Implement programs to help reduce the use of single-use shopping bags and Styrofoam containers.	SW-1			
SWSA-14	Provide block polystyrene recycling pick-up or drop-off for residents	SW-1, SW-2			
SWSA-15	Bill residents for municipal waste collection based on the amount of waste collected	SW-1	UNK	Ongoing	All residents are charged base refuse colleciton fee annually

SWSA-16	Consider a Master Recycling program (akin to Master Gardener and Master Naturalists programs), such as the one being piloted by the City of Madison and Sustain Dane. <i>Resource:</i> https://sustaindane.org/sustain-dane-programs/#masterrecycler	SW-1, SW-2, SW-4, SW-5			
SWSA-17	Implement outreach strategies that provide education to residents and businesses on recycling and composting opportunities and requirements, building on the “7 Rs of recycling,” working to decrease “wish-cycling,” promoting life-cycle thinking through awareness of items made from recycled materials (e.g. park benches made from recycled plastic bottles), and increasing proper recycling behavior to minimize contamination and decrease costs associated with recycling. <i>Resources:</i> https://www.epa.gov/smm/sustainable-materials-management-smm-web-academy-webinar-effective-strategies-reducing	SW-2, SW-4, SW-5	UNK	Ongoing	Information for this is made available through the Village website for residents. Also, additional information is sent within Outlook or The Lookout newsletters for reminders.
SWSA-18	Implement a sustainable purchasing policy encouraging municipal purchases take into account factors such as made from recycled and recyclable/compostable materials, energy used to create the product, local sourcing, etc. <i>Resources:</i> https://epeat.net/ https://www.naspo.org/green-purchasing-guide/	SW-1, SW-2, SW-3, SW-4			
SWSA-19	Implement outreach campaigns encouraging residents to donate unwanted items for reuse (for example, clothing and household items in good condition to thrift stores; cardboard boxes to moving companies, churches, or other organizations; building materials to companies like Habitat for Humanity).	SW-1			
SWSA-20	Utilize rechargeable batteries whenever possible for municipal purposes and recycle used lithium ion batteries	SW-1, SW-2, SW-4	UNK	Ongoing	Public works utilizes coordless tools whenever possible.
SWSA-21	Promote diversion of still-usable food from waste stream, through food banks, donation of deer meat from hunting season, partnerships between restaurants/grocers and food-donation programs, etc. <i>Resource:</i> https://www.epa.gov/sustainable-management-food/tools-preventing-and-diverting-wasted-food	SW-1			
SWSA-22	Improve all aspects of the SW program by increasing the amount of grant funding awarded to the City/County and track the amount of funding annually by making it part of staff responsibilities to do so. Please elaborate on this action in the NAR portion of the report.	SW-ALL			
Other	Describe a supporting action your community has taken that is not in the list	NAR			

Supporting Action Id	Action	Supported Metrics (LU-X). If none listed, add summary in Narrative Report (NAR)	Year Implemented, enter UNK if unknown	Completed, Ongoing or In Progress, In Planning	Narrative Report (Optional - describe the project or action)
HESA-1	Implement zoning ordinances and programs to enable home-based or community gardens and food plots to improve accessibility to local food production and implement locations for resale of made goods and produce	HECO-2, HECO-3, HECO-5, HEALL-6	UNK	Completed	The first community garden was established on 5710 Anthony Street. This location is located between the United Church of Christ and Homestead apartment complex.
HESA-2	Enact a Health in All Policies resolution or ordinance	All			
HESA-3	Incorporate Health in All Policies (HIAP) and Diversity Equity Income (DEI) objectives in Comprehensive Plan updates	All			
HESA-4	Identify healthy food deserts in the community and use economic development tools to eliminate those deserts.	HECO-2, HECO -3, HECO-5, HEALL-6			
HESA-5	Adopt an ordinance that bans use of tobacco and e-cigarettes on municipal lands and that limits exposure to secondhand smoke in apartment buildings	HECO-2, HECO-4			
HESA-6	Implement a plan for crime reduction through environmental design	HECO-6			
HESA-7	Establish a Health Impact Assessments policy and procedures to assess existing and proposed programs or projects, including when an assessment is required and its scope https://www.cdc.gov/healthyplaces/hia.htm	All			
HESA-8	Create a Food Systems Plan that addresses the production, distribution, value-added, marketing, end-market, and disposal of food, and charge a new or existing governmental body to oversee the plan's implementation.	SW-1, SW-3, HECO-2, HECO-3, HECO-5			
HESA-9	Create a Food Policy Council to advise governing officials and staff on ways to provide cheap, accessible, healthy food options to the community, especially sensitive populations.	HECO-2, HECO-3, HECO-5, HEALL-3, HEALL-5			The Village does not have a Food Policy Council, but it does support the efforts of the local food pantry and its initiatives.
HESA-10	Establish and implement Harm Reduction strategies for establishments such as alcohol outlets, gun stores, and sexual oriented establishments (e.g. zoning limitations and ordinances). https://www.dhs.wisconsin.gov/scaoda/alcohol-prevention-report.pdf	HECO-2, HECO-6, HECO-10, HECO-11			
HESA-11	Implement a wellness program for employees and engage employers to establish employee wellness programs.	HECO-2, HECO-3, HECO-5			
HESA-12	Provide a farmers market for at least 6 months out of the year and ensure participation in the EBT/Foodshare program to enable Foodshare participants to benefit	HECO-2, HECO-3, HECO-5, HEALL-3	UNK	Ongoing	The existing farmer's market is located in the parking lot of the Pick 'n Save grocery store. In 2022, the program operated May 5th to October 28th, every Thursday, 2:00 PM - 6:00 PM. The indoor farmer's market is held every November 5th - December 22 every Saturday, 9:00 AM - 2:00 PM.
HESA-13	Provide, support, or encourage health and equity professional development opportunities for staff	HEALL-3	UNK	Ongoing	This supporting action varies among each department, but professional development opportunities are encouraged
HESA-14	Complete a community vulnerability assessment https://coast.noaa.gov/digitalcoast/topics/vulnerability-https://em.countyofdane.com/hazards/mitigation-plan	HECO-2, LU-9, WQC-1			
HESA-15	Improve all aspects of the Health In All Policies program by increasing the amount of grant funding awarded to the City/County and track the amount of funding annually by making it part of staff responsibilities to do so. Please elaborate on this action in the NAR portion of the report.	All			
HESA-16	Create a racial equity Action Plan	HECO-7, HEALL-1, HEALL-2, HEALL-3			
HESA-17	Use a tool, such as TOCA, to help assess your local government's culture and readiness to engage in racial equity work.	HECO-7, HEALL-1, HEALL-2, HEALL-3			
HESA-18	Conduct a survey of citizens' perception of diversity and inclusion within the municipality.	HEALL-1, HEALL-2, HEALL-3			
HESA-19	Create municipal board/committee(s) specifically focused on sustainability, resource conservation, environmental and equity concerns, etc.	All, NAR	2020, 2022	Completed, Completed	The Village established the Ad-hoc Sustainability Committee in 2020 tasked with creating the Sustainability Plan. After successfully completing their job in 2021 and adopting the plan, this committee was later reformed to the Sustainability & Natural Resources Committee in May 2022. Meetings are held every 2nd Monday of every month at 6:00 PM in the Municipal Center Community Room.
HESA-20	Host regular educational events related to equity, inclusivity, and diversity	HEALL-1, HEALL-2, HEALL-3, HEALL-5			
HESA-21	Create a process for community members to directly offer input in decision making (eg. participatory budgeting, deliberative engagement, etc.)	HEALL-2, HEALL-3, HEALL-4, HEALL-5	UNK	Ongoing	All scheduled Village-hosted meetings are open to the public to attend. During every meeting, there is a section dedicated to public appearances. Here, time is dedicated to anyone in attendance, either vitrually or in-person, to speak directly to the
HESA-22	Create a language access plan to ensure equal access to local government processes and information regardless of primary language	HEALL-2, HEALL-3, HEALL-4, HEALL-5			
HESA-23	Conduct an analysis of your local boards/commissions/committees to better understand power and representation.	HEALL-2, HEALL-3, HEALL-4, HEALL-5	2022	Completed	Formation and reformation of committees/commissions were assessed and revising during this period.
HESA-24	Create a plan or process by which you can increase diversity and representation on local boards/commissions/committees, especially active recruitment of members from underrepresented, vulnerable and impacted communities.	HEALL-2, HEALL-3, HEALL-4, HEALL-5	2021	Completed	Included in the 2021 Sustainability Plan, section Community Health pages 24-25. The plan identifies near-, mid-, and long-term actions the Village should strive to complete.
HESA-25	Create a local committee, task force, or team that is interdepartmental and can coordinate complex issues of health, safety, and sustainability across departments	All	2022	Ongoing	A taskforce committee included people from various departments are working with the Village's Human Resource Generalist to address health and equitable needs of Village employees. Topics have been related to employee benefits, health and wellness, and sustainability.
HESA-26	Demonstrate communication and/or coordination between city departments and public health (whether city or county). Examples include inviting public health to the table during a Comprehensive Planning process, or Plans related to housing, transportation, etc. Conversely, Public Health can collaborate with city departments for things like the Community Health Improvement Process and Community Health Assessment process.	All			

HESA-27	Improve all aspects of the DEI and HIAP programs by increasing the amount of grant funding awarded to the City/County and track the amount of funding annually by making it part of staff responsibilities to do so. Please elaborate on this action in the NAR portion of the report.	All			
Other	Describe a supporting action your community has taken that is not in the list	NAR			

**VILLAGE OF
McFarland
SUMMARY SHEET**

MEETING DATE: Monday, November 14, 2022

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Matt Schuenke, Village Administrator, Sayer Larson, Parks Superintendent

AGENDA ITEM: Update and discussion regarding Lewis Park lake access plan

PREVIOUS ACTION:

The Parks & Recreation Committee recommended the award of contract to Parkitecture at their May 3, 2022 meeting.

The Sustainability and Natural Resources Committee recommended the award of contract to Parkitecture at their May 9, 2022 meeting.

The Village Board approved the award of contract to Parkitecture at their May 24, 2022 meeting.

The Parks & Recreation Committee reviewed the Lewis Park lake access plan at their meeting on November 1, 2022.

ISSUE SUMMARY:

The 2015 [Lewis Park Master Plan](#) called for several improvements in the park area. The Village approved funds for design services to explore a kayak launch and discovery dock as identified by shoreland improvements within the plan. The project scope includes such things as:

- Conduct an analysis of the project area to identify key issues, opportunities, and improvements in order to provide lake access.
- Public engagement on desired amenities.
- Research and report regarding regulatory players and necessary permitting requirements.
- Provide preliminary design services.
- Providing cost estimates for the site.

Blake Theisen of Parkitecture will be present to provide an update regarding the Lewis Park Lake Access plan. The update will provide construction estimates for both options along with final recommendations. The committee previously reviewed two options for consideration at their September 12, 2022 meeting.

FINANCIAL/BUDGET IMPACT:

The budget for this item is \$15,000 and funded through the Parks Budget in the Capital Projects Fund. The cost of this plan came in at \$10,880.



VILLAGE PLAN REFERENCE:

[2015 Lewis Park Master Plan](#)

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

No action is required on this item.

ATTACHMENTS:

1. Lewis Park Exhibits
2. Power Point Lewis Final

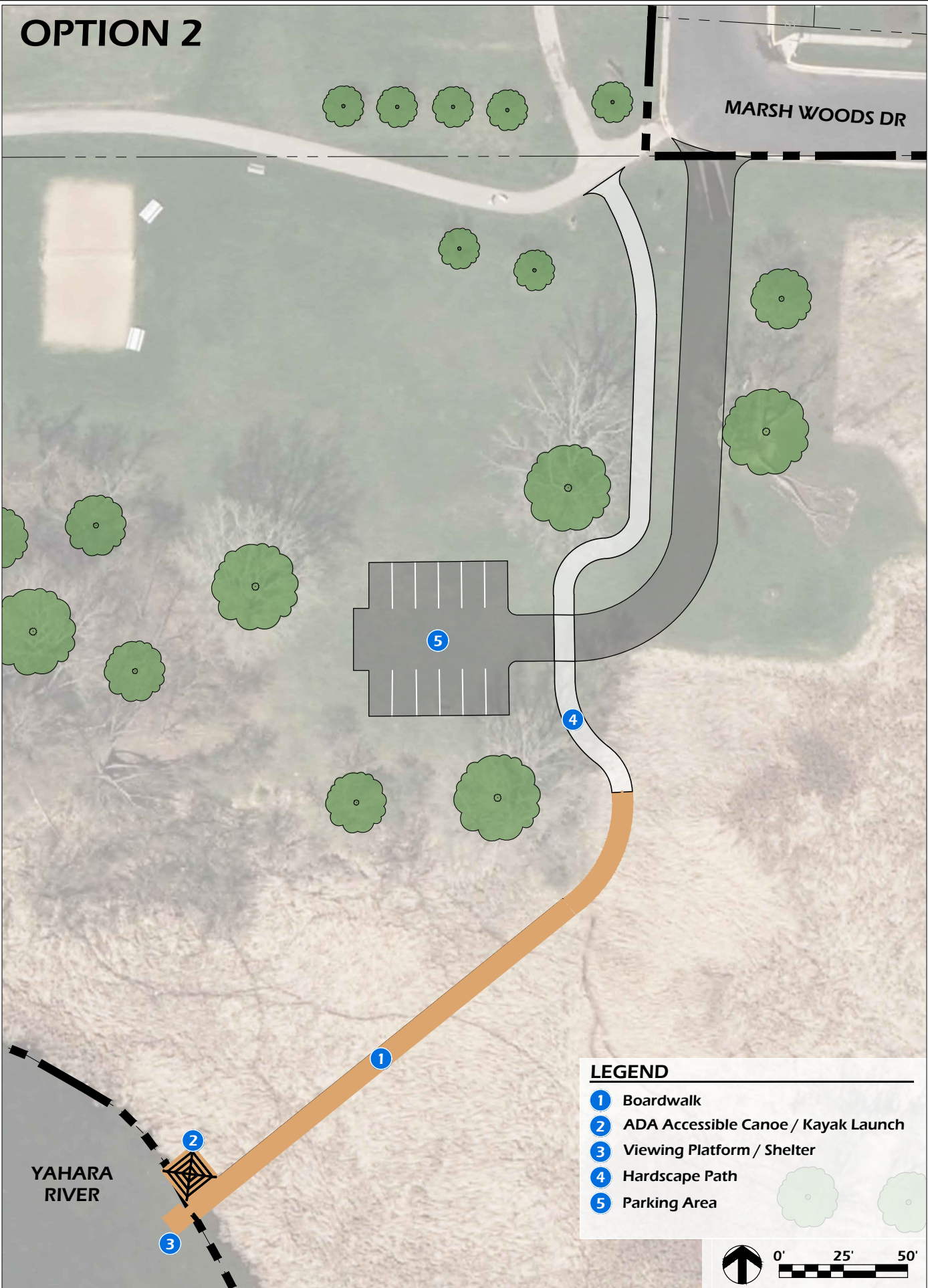
File: V:\22.026 McFarland Lewis Park\CAD\LW.DWG Layout: C101 User: parki Plotted: Aug 03, 2022 - 3:03pm

OPTION 1



1 OPTION 1

OPTION 2



2 OPTION 2

LEGEND

- 1 Boardwalk
- 2 ADA Accessible Canoe / Kayak Launch
- 3 Viewing Platform / Shelter
- 4 Hardscape Path
- 5 Parking Area





PADDLE CRAFT ACCESS TO YAHARA RIVER & MUD LAKE



WILDLIFE VIEWING & ENVIRONMENTAL EDUCATION



LEISURE & RECREATION



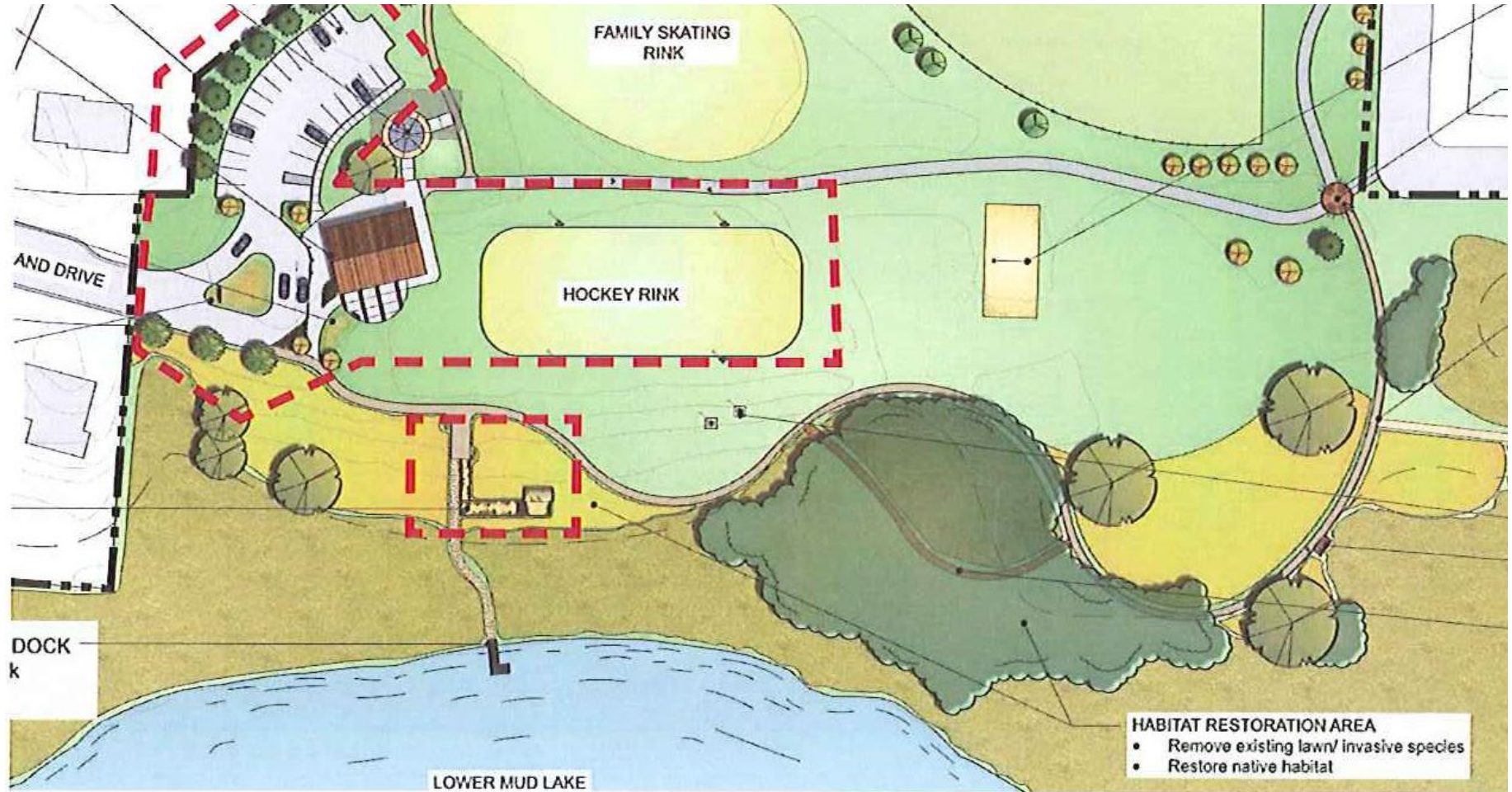


Parkitecture

Lewis Park Water Access Plan

Village of McFarland

Old Master Plan



Existing Conditions Photos



OPTION 1 LOCATION



OPTION 1 LOCATION



OPTION 1 LOCATION



OVERLOOK ADJACENT TO OPTION 1 LOCATION



VOLLEYBALL AREA BETWEEN TWO OPTION SITES



VIEW FROM PARK LOOKING SOUTH



OPTION 2 LOCATION



OPTION 2 LOCATION



OPTION 2 LOCATION

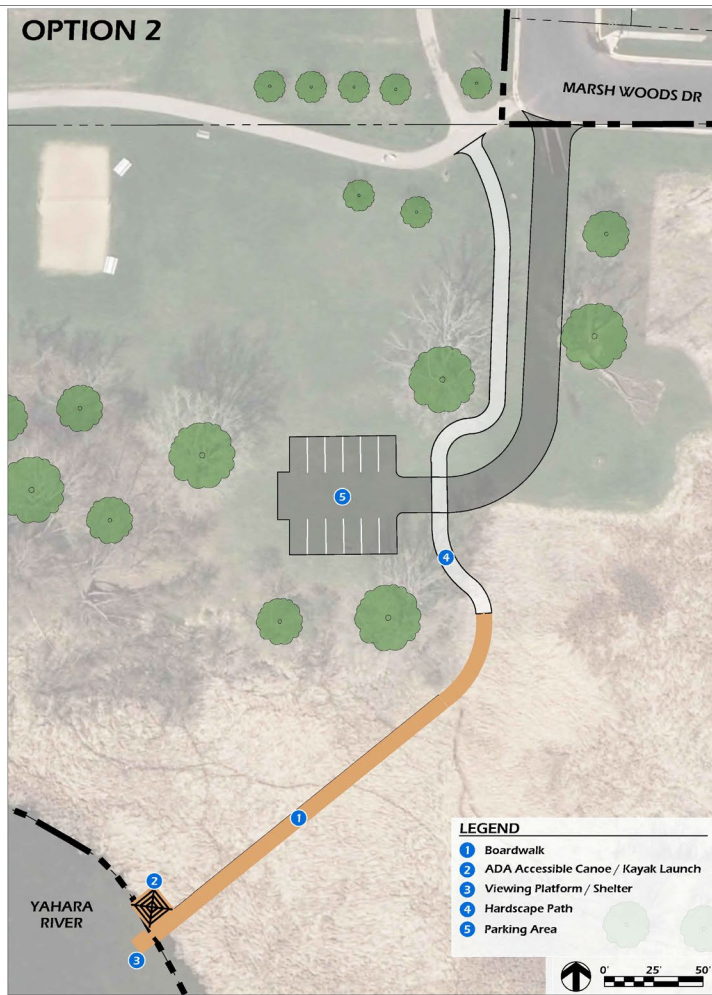
Preliminary Recommendations



Preliminary Recommendations



1 OPTION 1



2 OPTION 2

Final Recommendations

*On-Street
Pavement
Markings*

*Concrete
Approach*

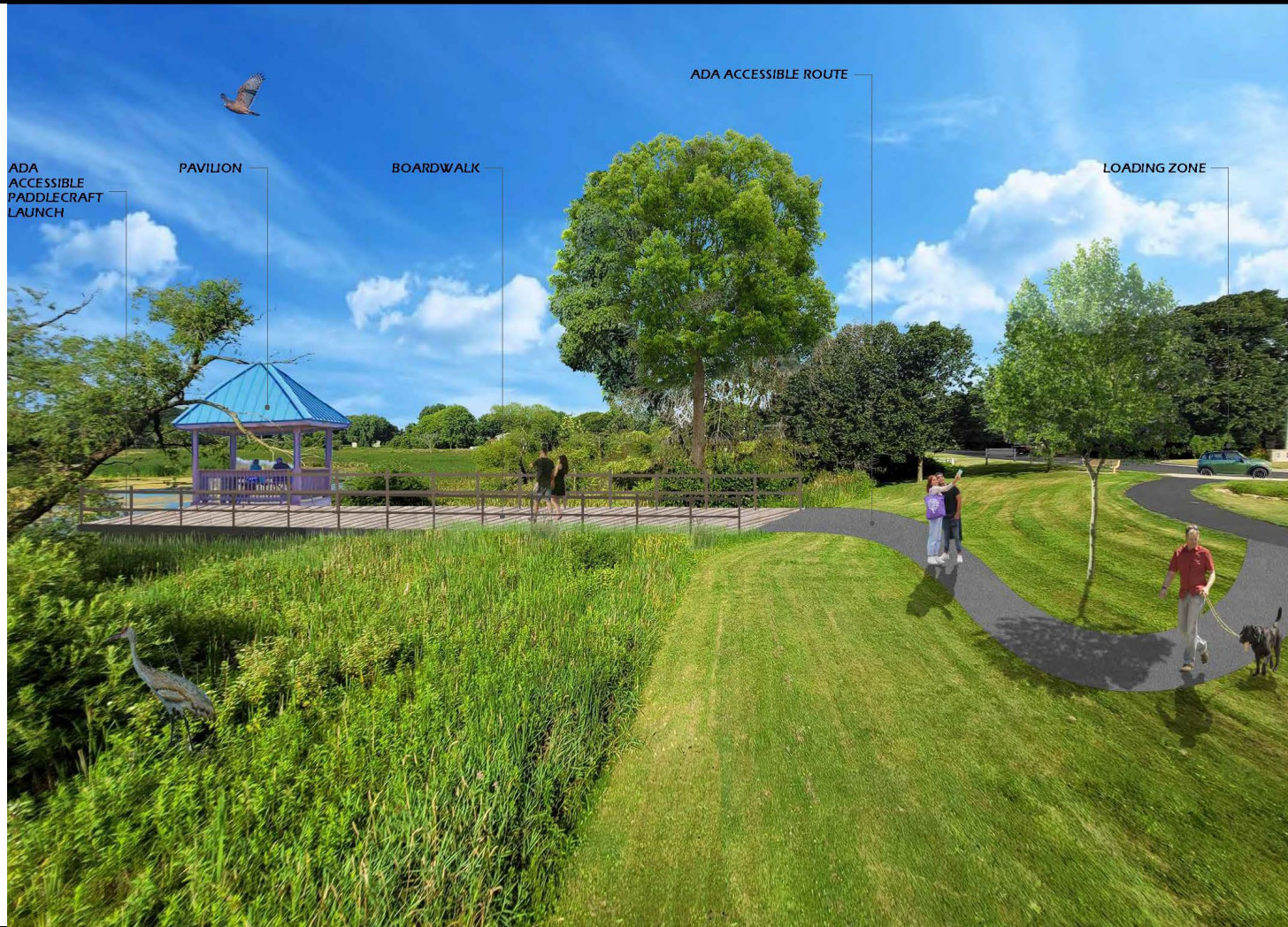
*Metal Frame
Boardwalk*

*Observation
Platform*

Signage



Final Recommendations



Final Recommendations



PADDLE CRAFT ACCESS TO YAHARA RIVER & MUD LAKE



WILDLIFE VIEWING & ENVIRONMENTAL EDUCATION



LEISURE & RECREATION



Future Recommendations



Opinion of Cost – Option 1

OPINION OF PROBABLE CONSTRUCTION COSTS



Project: Lewis Park Lake Access

Date: October 17, 2022

ITEMS						
GENERAL	Item	Qty.	Unit	Unit cost	Item Total	Comments
	1 MOBILIZATION	1	LS	\$5,000.00	\$5,000.00	
	2 EROSION CONTROL	1	LS	\$3,500.00	\$3,500.00	Installation and removal
	3 CLEARING & GRUBBING	1	LS	\$6,000.00	\$6,000.00	
	4 EARTHWORK	1	LS	\$10,000.00	\$10,000.00	
	5 RESTORATION	1	LS	\$3,200.00	\$3,200.00	
				SUBTOTAL	\$27,700.00	
SITE IMPRV.						
	6 DENSE GRADED BASE COURSE	77	TN	\$30.00	\$2,310.00	
	7 CONCRETE PAVEMENT	700	SF	\$10.00	\$7,000.00	
	8 PAVEMENT MARKINGS	1	LS	\$1,500.00	\$1,500.00	
	9 8" CULVERT PIPE	20	LF	\$60.00	\$1,200.00	
	10 ENDWALLS	2	EA	\$500.00	\$1,000.00	
				SUBTOTAL	\$13,010.00	
BOARDWALK						
	11 MAIN BOARDWALK	1	LS	\$40,000.00	\$40,000.00	
	12 PLATFORM	1	LS	\$13,000.00	\$13,000.00	
	13 INSTALLATION	1	LS	\$20,000.00	\$20,000.00	
	14 ADA LAUNCH	1	EA	\$20,000.00	\$20,000.00	
	15 PILINGS	34	EA	\$1,000.00	\$34,000.00	
	16 INTERPRETIVE SIGNAGE	2	EA	\$350.00	\$700.00	
	17 BENCH SEATING	6	EA	\$1,200.00	\$7,200.00	
				SUBTOTAL	\$134,900.00	
				Total	\$175,610.00	
				10% Contingency	\$17,561.00	
				8% A/E FEE	\$14,048.80	
				Total Cost	\$207,219.80	

Opinion of Cost – Option 2

OPINION OF PROBABLE CONSTRUCTION COSTS



Project: Lewis Park Lake Access

Date: October 17, 2022

Option 2

ITEMS						
GENERAL	Item	Qty.	Unit	Unit cost	Item Total	Comments
	1 MOBILIZATION	1	LS	\$10,000.00	\$10,000.00	
	2 EROSION CONTROL	1	LS	\$5,000.00	\$5,000.00	Installation and removal
	3 CLEARING & GRUBBING & DEMO	1	LS	\$10,000.00	\$10,000.00	
	4 EARTHWORK	1	LS	\$20,000.00	\$20,000.00	
	5 RESTORATION	1	LS	\$7,000.00	\$7,000.00	
				SUBTOTAL	\$52,000.00	
SITE IMPRV.						
	6 DENSE GRADED BASE COURSE	219	TN	\$30.00	\$6,570.30	
	7 CONCRETE PAVEMENT	1,991	SF	\$10.00	\$19,910.00	
	8 ASPHALT PAVEMENT	7,598	SF	\$7.50	\$56,985.00	
	9 PAVEMENT MARKINGS	1	LS	\$3,000.00	\$3,000.00	
	10 8" CULVERT PIPE	40	LF	\$60.00	\$2,400.00	
	11 ENDWALLS	4	EA	\$500.00	\$2,000.00	
				SUBTOTAL	\$90,865.30	
BOARDWALK						
	12 MAIN BOARDWALK	1	LS	\$80,000.00	\$80,000.00	
	13 PLATFORM	1	LS	\$13,000.00	\$13,000.00	
	14 INSTALLATION	1	LS	\$20,000.00	\$20,000.00	
	15 ADA LAUNCH	1	EA	\$20,000.00	\$20,000.00	
	16 PILINGS	70	EA	\$1,000.00	\$70,000.00	
	17 INTERPRETIVE SIGNAGE	2	EA	\$350.00	\$700.00	
	18 BENCH SEATING	6	EA	\$1,200.00	\$7,200.00	
				SUBTOTAL	\$210,900.00	
				Total	\$353,765.30	
				10% Contingency	\$35,376.53	
				8% A/E FEE	\$28,301.22	
				Total Cost	\$417,443.05	

Opinion of Cost - Final

OPINION OF PROBABLE CONSTRUCTION COSTS



Project: Lewis Park Lake Access

Date: November 08, 2022

Final Concept

ITEMS						
GENERAL	Item	Qty.	Unit	Unit cost	Item Total	Comments
	1 MOBILIZATION	1	LS	\$5,000.00	\$5,000.00	
	2 EROSION CONTROL	1	LS	\$3,500.00	\$3,500.00	Installation and removal
	3 CLEARING & GRUBBING	1	LS	\$6,000.00	\$6,000.00	
	4 EARTHWORK	1	LS	\$10,000.00	\$10,000.00	
	5 RESTORATION	1	LS	\$3,200.00	\$3,200.00	
				SUBTOTAL	\$27,700.00	
SITE IMPRV.						
	6 DENSE GRADED BASE COURSE	165	TN	\$30.00	\$4,950.00	
	7 CONCRETE PAVEMENT	1,500	SF	\$10.00	\$15,000.00	
	8 PAVEMENT MARKINGS	1	LS	\$1,500.00	\$1,500.00	
	9 8" CULVERT PIPE	20	LF	\$60.00	\$1,200.00	
	10 ENDWALLS	2	EA	\$500.00	\$1,000.00	
				SUBTOTAL	\$23,650.00	
BOARDWALK						
	11 MAIN BOARDWALK	1	LS	\$40,000.00	\$40,000.00	
	12 PLATFORM	1	LS	\$13,000.00	\$13,000.00	
	13 INSTALLATION	1	LS	\$20,000.00	\$20,000.00	
	14 ADA LAUNCH	1	EA	\$20,000.00	\$20,000.00	
	15 PILINGS	34	EA	\$1,000.00	\$34,000.00	
	16 INTERPRETIVE SIGNAGE	2	EA	\$350.00	\$700.00	
	17 BENCH SEATING	6	EA	\$1,200.00	\$7,200.00	
				SUBTOTAL	\$134,900.00	
FUTURE IMPRV.						
	1 DENSE GRADED BASE COURSE	416	TN	\$30.00	\$12,485.00	
	2 CRUSHED STONE SURFACING	5,675	SF	\$5.00	\$28,375.00	Pathway Extension
	3 RESTORATION	1	LS	\$5,000.00	\$5,000.00	
				SUBTOTAL	\$45,860.00	
				Total	\$232,110.00	
				10% Contingency	\$23,211.00	
				8% A/E FEE	\$18,568.80	
				Total Cost	\$273,889.80	



**VILLAGE OF
McFarland
SUMMARY SHEET**

MEETING DATE: Monday, November 14, 2022

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Sayer Larson, Parks Superintendent, Matt Schuenke, Village Administrator

AGENDA ITEM: Discussion and action to make a recommendation to the Village Board regarding design and bidding services for McDaniel Park site improvements.

PREVIOUS ACTION:

The former Parks, Recreation, and Natural Resources Committee reviewed a presentation on this project at its meeting on February 24, 2022.

[Please click on this link to review the packet materials from that meeting.](#)

[Please click on this link to watch the presentation from that meeting.](#)

The Parks & Recreation committee recommended approval to the Village Board for the McDaniel Park site improvements at their October 4, 2022 meeting.

The Sustainability & Natural Resources committee recommended approval to the Village board for the McDaniel Park site improvements at their October 10, 2022 meeting.

The Village Board recommended approval for the McDaniel Park site improvements at their October 25, 2022 meeting.

The Parks & Recreation committee recommended approval to the Village Board regarding Town and Country's proposal for design and bidding services for McDaniel Park site improvements at their November 1, 2022 meeting.

ISSUE SUMMARY:

The project was discussed and approved by the Committee at their meeting in October. The Village Board then approved the project at their October 25th meeting. The next step in the process is to begin the design followed by bidding on the project. Enclosed within the packet is a proposal from Town and Country Engineering for design and bidding services for McDaniel Park site improvements.

The 2023-2027 Capital Improvement Plan included funds to improve the beach at McDaniel Park in 2023. These funds are included for consideration within the 2023 budget. The project is in partnership with Dane County. The goal of the project is to be operational on or around June 1, 2023.

Responsibilities for the project are generally laid out as follows:



Dane County

- Permitting - 3-6 month process, targeting a January application.
- Pump/Filter - They will design and build the pump/filter mechanicals to be used to screen the water within the barrier.
- Barrier - Dane County will purchase and set in the first year, the booms with a curtain that acts as a shield within the water to keep debris and other harmful things out of the swimming area. Future years we will need to contract with them for the annual placement and removal of the barrier.
- Agreement - We will need to establish an agreement on operation of the filter/pump and maintenance of the swimming area including the beach. There are responsibilities like daily maintenance of the beach, mechanicals, and other elements to keep the swimming area usable. The County will provide funds and support for these elements, but we have to agree to the operational commitments to make sure the improvement can be accessed by the public. The operational component and its costs would be new responsibilities that have to be factored into our consideration.

Village

- Structure - The filter/pump has to go inside of a structure. The Engineer is reviewing a prefabricated model for installation. We will also need to create an area for discharge from the structure that carries the water back to the lake.
- Underground Piping - We would need to install pipes that connect the lake to the filter pump to bring water in for screening, and then pipes that bring the clean water back to the lake.
- Beach Improvement - There will be general excavation requirements associated with all of this work including the replacement of the gravel material used on the beach in favor of sand.
- Agreement - We will need to consider the agreement with Dane County for the project. All of the above responsibilities are capital expenditures that are one time actions. There are operational components and the costs for which will be recurring year to year that have to be factored in to our review of the project.

FINANCIAL/BUDGET IMPACT:

The proposal provided by Town & Country engineering for design and bidding services is estimated at \$16,900. This includes design engineering through bidding for \$9,400 and construction administration for \$7,200.

The cost projections for the project are included in the CIP at \$250,000 for the Village. Dane County's included costs are between \$75,000-\$100,000 for their responsible items. The project for the village will be paid for with borrowed money.

VILLAGE PLAN REFERENCE:

None.



ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Recommended action:

Motion, second to recommend approval to the Village Board regarding Town and Country's proposal for design and bidding services for McDaniel Park site improvements.

ATTACHMENTS:

1. McDaniel Park Beach Proposal

October 17, 2022

Mr. Matthew Schuenke, Administrator
Village of McFarland
5915 Milwaukee Street
P.O. Box 110
McFarland, WI 53558

Subject: Engineering Proposal for Design and Construction Services; McDaniel Park Beach
 Site Plan

Dear Matt:

Thank you for the opportunity to provide a proposal for design and construction services for a proposed beach site at McDaniel Park. We understand the Village is working with Dane County about improving the swimming amenities at McDaniel Park, located at the north end of Erling Drive, north of Siggelkow Road and that the new facility will need a grading/site plan to address accessibility, drainage, stormwater management and utility needs. We propose the following services:

- Topographic Site Survey: We will call Digger's Hotline and record the all existing features throughout the project area needed for completion of design and construction. This will include but is not limited to pavement edges, driveways, utilities (as marked by utilities), property corners that are able to be found, inverts of existing sanitary and storm sewer structures along with existing pipe diameters, and identify any conflicts between the surveyed conditions and the Village's existing utility maps for resolution with Village staff. We anticipate that some field survey will be via unmanned aircraft system (UAS) and be supplemented by ground survey where tree cover and additional accuracy requires.
- Engineering Plans: As part of the engineering plan development we anticipate providing 35% complete plans for Village review and comment, and again at 95% for Village review and comment, prior to completing the final plans. The plans will contain plan sheets of both underground and above ground improvements. Plans will be provided in both hard copy and digital format (PDF and/or AutoCAD DWG). The plans will cover grading for the new beach, paved pedestrian areas, filter intake and discharge piping, and a prefabricated filter building. Dane County staff will provide design for the pumping/filter itself, as well as coordinating installation and electrical needs.
- Specifications: Construction specifications will include a complete bidding package for anticipated 2023 construction that will be used to obtained bids and provide guidance during construction of the project. This will include the Advertisement for Bid, Instruction to Bidders, Bidders Proof of Responsibility, all bidding documents themselves (bid proposal form, affidavit of organization, bid bond, disclosure of ownership), and standard construction contract documents as published by the EJCDC. We will also provide technical specifications outlining the materials and performance that will be required of the contractor. It is anticipated that one bid will be needed with a single general contractor.

- **Bidding Services:** We will answer questions from bidders and suppliers regarding plans and specifications. We will attend the bid openings, analyze the bids received, and attend a meeting with Village officials to formally recommend award for each of the bids.
- **Construction Administration:** We will review and comment on shop drawings submitted by the contractor. We will work with Village staff to resolve any change order requests and to prepare and process pay requests throughout the project.
- **Construction Staking:** We will provide construction staking for the contractor generally as requested. This is anticipated to include: actual and offset stakes for all utility structures and piping at 50-foot intervals and elevation stakes for the grading areas.
- **Construction Management:** We will administer a pre-construction meeting at Village offices, hold progress meetings on-site as necessary, answer questions during construction and visit the site approximately once a week to verify the project conforms to the plans and specifications.
- **Project Close-Out:** We will prepare a punch list at substantial completion of the project. The project will be inspected along with Village staff prior to the end of the warranty period to ensure that any necessary repairs are completed by the contractor. Final payment requests will be prepared and presented to the Village.
- **Record Drawings:** Record drawings will be prepared in AutoCAD format from construction records showing actual locations of valves, fittings, bends, and appurtenances. The Village's GIS maps will be updated accordingly. Once complete, these will be transmitted to the Village in both electronic (PDF and/or AutoCAD DWG) and paper format.

The estimated cost for these services is as follows:

Design Engineering through Bidding:	\$ 9,400
Construction Administration:	<u>\$ 7,200</u>
Total:	\$16,900

These figures are all considered not-to-exceed without prior authorization from the Village.

It should be noted that the following services are anticipated to be carried out by a third party and invoiced directly to the Village separate from this agreement, or completed by us on a time and materials basis.

- Resident construction observation. This would not typically be needed for projects of this type, with the periodic site visits covered above being sufficient.
- Wetland determinations and delineations. There are portions of the project site containing wetland indicators. The Village has already completed a delineation covering the site, so no additional delineation is anticipated to be needed.
- Soil borings and reports.
- Archeology services and/or endangered species studies or services, if needed.
- Trench and soil compaction tests during construction.
- Boundary surveys or certified survey maps.

Our work will be done on a time and materials basis using our current charge-out rates, attached for your reference.

Please indicate Village acceptance by signing below and returning a copy for our files.

Thank you again for the opportunity to work with the Village. We very much appreciate our relationship and look forward to a successful project.

Very truly yours,
TOWN & COUNTRY ENGINEERING, INC.

Brian R. Berquist, P.E.

Matthew Schuenke
Village Administrator

BRB:sai

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**VILLAGE OF
McFarland
SUMMARY SHEET**

MEETING DATE: Monday, November 14, 2022

SECTION: Business

DEPARTMENT: Community Development

CONTACT: Kong Thao, Associate Planner

AGENDA ITEM: Discussion on WLGCC Summit and League of Municipalities

PREVIOUS ACTION:

ISSUE SUMMARY:

This item is for discussion only and intended as an overview of attendance at these events. The first Wisconsin Local Government Climate Coalition (WLGCC) summit was held on Friday, October 14, 2022 at the downtown Milwaukee Public Library. The League of Municipalities was held from November 19th to November 21st in La Crosse, Wisconsin. Both events offered opportunities for participants to engage in conversations regarding energy, transportation, grant funding, utilities, and more.

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

ORDINANCE REFERENCE:

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

This item is for discussion only.

ATTACHMENTS:

1. Sustainable Committee memo (11.08.2022)

Dear Sustainability Committee,

We've been busy the last month!

Kong and Chairman Flaherty attended the Local Government Climate Change Coalition last month in Milwaukee, a gathering that included more than two dozen representatives of the state's major cities and two of its largest counties, Dane and Milwaukee. Flaherty also attended the annual League of Municipalities conference in La Crosse.

In the world of sustainability and renewable energy policies, we found things are moving quickly. Here are some exciting observations and information for us to ponder as we look to the new year of ideas and policy recommendations for McFarland's future.

— **Massive funding.** There is more than \$4 trillion in new federal money under the Build Back Better infrastructure plan and the Inflation Reduction Act (IRA), a substantial sum of which will go to promote renewable/sustainable programs. The money is being channeled through federal agencies, state governments and even county governments. The challenge is to understand how to access those funds. We've asked the leadership of the coalition for advice, research to help us understand opportunities and for grant writing templates to help us apply for it. (Flaherty proposed \$10,000 in added budget funding next year for grant writing assistance.)

— **Methane power.** Dane County mines its landfill for methane gas, which it uses to power county vehicles. It produces so much natural gas, it has to sell half to Kwik Trip. Because we're nearby, the county could sell to McFarland. (Natural gas is methane, a greenhouse gas 10 times more potent than CO₂, so removing it and then using it to power village vehicles is still an environmental win.)

— **Immediate opportunity.** The new federal dollars could be used to help pay for our Public Safety Center's solar panels. Unfortunately, at this time, the IRA has not provided clear details on how to apply for these federal dollars. We're in a time crunch as we're still working out the details of the solar farm ownership/leasing structure with the school district and Alliant Energy.

— **EV vehicles are on the way!** Local governments should put a halt to all new vehicle purchases and leases for the time being if they're long-term goal is to establish all-EV vehicle fleets. The current problem is finding EV's to purchase. But several experts noted that electric fire engines, ambulances, police cars and even heavy trucks are on the way. The City of Madison has the [first all-electric fire engine in North America](#). (BTW: EV is perfect for municipal vehicles because they're almost exclusively used locally.) But the time to make a purchasing policy change is NOW. A fire engine or dump truck could have a 20-year life span, so now is the time to start planning ahead for EV's.

— **Charging stations.** There's huge state, federal and even private money available for charging station construction – and a number of communities, such as Baraboo are already installing them. But this will require planning – coordination with Alliant and private sector, such as Kwik Trip which is also installing charging stations. If local charging stations are the goal, we're far stronger, more efficient and faster by working together. Other communities have revised their existing TIF district plans to require installation of charging stations and charging ready locations. This past October, the Village Board approved an update to our TIF Policy Manual to provide an incentive to install EV charging stations.

— **Home solar and personal EV subsidies.** Both federal programs include money for home solar and personal EV purchases. Local governments should continue to publicize the availability of these funds as they lead their communities into a sustainable future. With more than 6,000 households in McFarland, individual renewable systems would have a huge impact on our village's CO2 footprint.

— **Utility regulations.** Complicating our progress toward sustainability is the utility regulatory structure which was designed decades ago to encourage the creation of large, investor-owned power plants linked by huge transmission lines carrying power to utility-owned distribution systems. (In McFarland Alliant even owns the streetlights.) The utilities aren't enemies in this battle as they've all committed to enormous reductions in CO2 emissions. Of course, utilities want to own the future systems, but most states are ahead of Wisconsin in reforming utility regulations to allow homeowners, businesses and even communities to

generate and distribute solar power. “Wisconsin is ‘way behind’ most states,” said one speaker in La Crosse. “And when you’re way behind Louisiana, that’s saying something.”

— **Community solar. As an example**, some communities have been more proactive in addressing equity as it relates to energy needs. From homeowners who can’t afford solar installation or having a home site unsuitable for solar, or renters who live in an apartments and condos where shared space may be an issue.

— **Renewable politics.** The good news politically is that sustainability has moved from a partisan issue to a non-partisan issue. The economics favor solar and wind over coal — and the economics of conservation and energy efficiency has always had a far greater payback than building new power plants and transmission lines. This economic reality and utilities can’t swim upstream forever. Wisconsin is behind, but evolving rapidly.

— **Resources.** It’s almost impossible to identify all the players in the renewable/sustainable sphere. There are hundreds of resources out there to help us, such as Focus on Energy, Dane County, the Governor’s Climate Task Force, the Sustainability office and the governor’s energy office. The opportunities and resources to take advantage of them are deep and wide — and stretch to subjects like modernizing our building codes, neighborhood and street layout (to maximize solar potential), new building, lighting and heating technologies, rain water collection, recycling... etc.

It’s an exciting time for McFarland to take the lead in this rapidly evolving arena — and a time when federal and state dollars are flowing in to help us. “One speaker called the two federal acts, “the most massive federal investments in infrastructure in our nation’s history.”