REVISED

AGENDA

NATURAL RESOURCES COMMITTEE

REGULAR MEETING

THURSDAY, NOVEMBER 7, 2024 – 9:00 AM

HAWTHORNE HILLS MULTIPURPOSE MAINTENANCE BUILDING

2180 HAWTHORNE HILLS PARK RD., SAUKVILLE, WI 53080

The public can access the meeting by viewing the live stream at the link which will be opened five minutes before the call to order:

Natural Resources Committee Live Stream

The public can submit comments here: Public Comment Form
Public Comment Policy & Instructions For Submitting Public Comments Online

1. **CALL TO ORDER**
2. **PROPER NOTICE**
3. **PUBLIC COMMENTS, CORRESPONDENCE, COMMUNICATIONS**
4. **APPROVAL OF MINUTES**
   a. October 1, 2024
5. **UNIVERSITY EXTENSION OFFICE**
   a. Discussion Items:
      1. Introduction of Regional Dairy Educator, UW-Madison Division of Extension
   b. Management/Financial/Informational Reports
      1. UW-Madison Division of Extension Reports
6. **REGISTER OF DEEDS/LAND INFORMATION**
   a. Management/Financial/Informational Reports
      1. Register of Deeds/Land Information Monthly Report
7. **LAND AND WATER MANAGEMENT DEPARTMENT**
   a. Action Items:
      1. WI DATCP 2025 Producer-Led Watershed Protection Grant Application and Acceptance for Milwaukee River Watershed, Clean Farm Families
      2. Fund for Lake Michigan 2025 Grant Application and Acceptance to Support Clean Farm Families
      3. The Nature Conservancy Grant 2025 Application and Acceptance for the Clean Farm Families
   b. Discussion Items:
      1. Non-Metallic Mining Ordinance update discussion
   c. Management/Financial/Informational Reports
      1. LWM Monthly Reports
8. **PLANNING AND PARKS DEPARTMENT**
   a. Action Items:
      1. Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources County Conservation Aids Grant for Prairie Restoration Activities in Hawthorne Hills County Park and Golf Course and Tendick Nature County Park
      2. Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources Knowles-Nelson Stewardship Local Assistance Grant for Campground Development and a Bathroom Facility at Hawthorne Hills County Park
      3. Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources Knowles-Nelson Stewardship Local Assistance Grant for Habitat Restoration and Public Access Improvements at Clay Bluffs Cedar Gorge Nature Preserve - Phase II

4. Increase of Revenue Budget Amendment for a National Fish and Wildlife Foundation – Sustain Our Great Lakes Grant for Habitat Restoration and Public Access Improvements at Clay Bluffs Cedar Gorge Nature Preserve - Phase II
5. Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources Office of Great Waters Grant to Support Stream and Wetland Restoration Activities at Tendick Nature County Park
6. Resolution: Submittal and Acceptance of a Wisconsin Emergency Management Grant for Stream and Habitat Restoration on Sucker Creek
7. Golf Course Division Equipment Purchase – Golf Simulators
8. Proposal and Contract for Cultural Resource Investigations and Surveys to Support Stream and Wetland Restoration Activities at Tendick Nature County Park

b. Discussion Items:

1. Update on "A Park and Open Space Plan for Ozaukee County (4th Edition)"
2. Update on Ozaukee Interurban Trail Grant Projects - Repaving and STH 60 Extension
3. Update on Hawthorne Hills County Park Multipurpose Maintenance Building Construction and Change Orders
4. Update on the Sugar Maple Nature School Construction and Operations
5. Update on Planning and Parks Department Capital Projects and Planning and Parks Department Ecological Division Grant Projects

c. Management/Financial/Informational Reports

1. Planning & Parks Department Management and Financial Reports

9. NEXT MEETING DATE

December 5, 2024

10. DEPART FOR TOUR OF HAWTHORNE HILLS COUNTY PARK MULTIPURPOSE MAINTENANCE BUILDING, SUGAR MAPLE NATURE SCHOOL AND HAWTHORNE HILLS COUNTY PARK GROUNDS DEVELOPMENT

11. ADJOURNMENT

A quorum of members of committees or the full County Board of Ozaukee County may be in attendance at this meeting for purposes related to committee or board duties, however, no formal action will be taken by these committees or the board at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the County Clerk's Office at 262-284-8110, twenty-four (24) hours in advance of the meeting.

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **County Clerk**
DIRECTOR: **Karen Niemuth**
PREPARER: **Lisa Henning**

Agenda Summary October 1, 2024

https://www.ozaukeecounty.gov/AgendaCenter/ViewFile/Minutes/_10012024-3479

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **UW Extension**
DIRECTOR: **Cindy Sarkady**
PREPARER: **Claudia Breitengross**

Agenda Summary Introduction of Regional Dairy Educator, UW-Madison Division of Extension

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **UW Extension**
DIRECTOR: **Cindy Sarkady**
PREPARER: **Claudia Breitengross**

Agenda Summary UW-Madison Division of Extension Reports

ATTACHMENTS:

- October 2024 Report (PDF)
- 2024 Oversight Comm Recommended PnL Amended Bdgt10.2024 (PDF)

NATURAL RESOURCES COMMITTEE

Extension
UNIVERSITY OF WISCONSIN–MADISON
OZAUKEE COUNTY

OCTOBER 2024 REPORT

AGRICULTURE



If it happens on a farm or in a field, the Extension Institute of Agriculture works with you to achieve better results. Our innovative dairy management programs range from genetics to farm and business management. Extension researchers work hand-in-hand with row crop, forage and fresh produce growers to provide best practices for every aspect of the growing phase. We also advise communities on using sustainable practices to create inviting spaces free from invasive species

Crops

Liz Gartman, Regional Crops Educator

- A pest trapping network where I monitored traps during the growing season for economically important insect pests that can create issues in grain and forage crop production. This trapping network informs UW researchers and the Department of Agriculture, Trade and Consumer Protection so research and outreach can be crafted to assist producers in reacting to pest pressures and protecting their crops.
- Planning a session at the Wisconsin Water and Soil Health (WWASH) conference in collaboration with other Extension educators. The goal of the session is to provide insight into opportunities to include diverse cover crop species into dairy forage programs with the end result being additional cover crop acres incorporated into livestock production systems, resulting in improved soil health.
- An ongoing planning effort to prepare for the 2024 Badger Crops and Soils Update at three locations across Wisconsin and one virtual meeting by selecting meeting topics, recruiting speakers, and providing regional crops and soils information. This program is designed to share agronomic updates with sales agronomists and crop consultants to assist with recommendations to their growers to increase farm profitability and natural resource stewardship.



WELCOME! Manuel Peña – Regional Dairy Educator; Sheboygan, Fond Du Lac, Dodge, and Ozaukee

Manuel is the new Regional Dairy Educator for Sheboygan, Fond Du Lac, Dodge, and Ozaukee Counties. He is originally from Duitama, a small city in Colombia, 3 hours north of Bogotá, the capital city. He received his bachelor's degree in Animal Science at Universidad Nacional de Colombia. In the last semesters he worked for a national breeding association. After graduation he did an internship at NC State University working on Dairy management and another one at University of Florida working on forages and nutrition. Working at UF he linked with a Clemson's University professor who later would be his adviser on his master's and PhD degrees. His research has been focused on ruminal nutrition and forage management for the dairy industry. Manuel is looking forward to giving back to the community, helping as much as possible with their issues as much as to learn from their success and work together with other specialists.

In his free time, he enjoys outdoor activities and sports but also listening to music, reading and writing and even though he is not a great player he enjoys chess a lot.

Attachment: October 2024 Report (UW-Madison Division of Extension Ozaukee County Written & Financial Reports)

Extension
UNIVERSITY OF WISCONSIN–MADISON
OZAUKEE COUNTY

OCTOBER 2024 REPORT

COMMUNITY DEVELOPMENT



Community Development *provides educational programming to assist leaders, communities, and organizations realize their fullest potential. We work with communities to build the vitality that enhances their quality of life and enriches the lives of their residents. IN short, the Community Development Institute plants and cultivates the seeds for thriving communities and organizations.*

Paul Roback, Community Development Educator

A strategic planning session for the board and staff of The Cedarburg Chamber of Commerce where we worked on updating the organization's mission and vision statements, discussed organizational strengths, weaknesses, opportunities, and challenges, and identified goals. The intent of the planning process is to clarify the organization's purpose and develop achievable steps to realize their vision.

The executive director of the Cedarburg Chamber of Commerce contacted Paul to facilitate a process that would create a strategic plan for the organization. As part of the planning process, the chamber was also interested in receiving feedback from its members.

To achieve the planning objectives, Paul first conducted a membership engagement survey to gain insight into how the chamber is serving its members. Responses were received from 89 members and the results were shared during the planning session. Paul also engaged the organization's staff and board with an online survey to solicit feedback on updating the organization's mission and vision statements. Paul then facilitated a four-hour strategic planning session attended by twelve board and staff members where we worked on updating the organization's mission and vision statements and identified goals.

From evaluation (N=12), 100% of participants agreed that updating the mission statement helped clarify their role as an organization and updating their vision statement assisted them in understanding the general direction for their organization's future. 92% agreed that the process of identifying goals increased their ability to identify issues and set priorities. Participants evaluated Paul's facilitation as a 4.9 on a 5-point Likert Scale (1=poor and 5=excellent). One participant commented that the "mission/vision discussion was very helpful and probably wouldn't have happened without Paul's guidance."

Attachment: October 2024 Report (UW-Madison Division of Extension Ozaukee County Written & Financial Reports)

We teach, learn, lead and serve, connecting people with the University of Wisconsin, and engaging with them in transforming lives and communities.

UW-Madison Division of Extension Ozaukee County Office
121 W. Main St. Port Washington, WI 53074
P: 262-284-8288 F: 262-284-8100 711 Wisconsin Relay

Cindy Sarkady
Area Extension Director

Liz Gartman
Regional Crops Educator

Claudia Breitengross
Kaitlin Felton
Support Staff

Paul Roback
Community Development Educator

Manuel Peña
Regional Dairy Educator

Cassi Worster
Area Marketing Specialist

An EEO/AA employer, University of Wisconsin-Madison Division of Extension provides equal opportunities in employment and programming, including Title VI, Title IX, the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act requirements.

Attachment: October 2024 Report (UW-Madison Division of Extension Ozaukee County Written & Financial Reports)

Ozaukee County Committee Report

General Fund University of Wisconsin Extension

For the Nine Months Ending Monday, September 30, 2024

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	$1,546	$3,890	$2,344	39.74%
Public Charges for Services	-	$6,796	$7,980	$1,184	85.16%
Total Revenues	**-**	**$8,342**	**$11,870**	**$3,528**	**70.28%**
Expenditures					
Salaries	$3,521	$46,209	$66,305	$20,096	69.69%
Fringe Benefits	$512	$5,843	$8,253	$2,410	70.80%
Travel/Training	$759	$1,795	$13,588	$11,793	13.21%
Supplies	$222	$8,205	$17,940	$9,735	45.74%
Purchased Services	$87	$43,341	$106,664	$63,323	40.63%
Interdepartment Charges	$1,409	$13,077	$20,619	$7,542	63.42%
Other Expenses	-	$88	$1,043	$955	8.44%
Total Operating Expenditures	**$6,510**	**$118,558**	**$234,412**	**$115,854**	**50.58%**
Capital Outlay					
Total Expenditures	**$6,510**	**$118,558**	**$234,412**	**$115,854**	**50.58%**
Net Increase (Decrease)	**($6,510)**	**($110,216)**	**($222,542)**	**($112,326)**	**49.53%**

Equity:

Attachment: 2024 Oversight Comm Recommended PnL Amended Bdgt10.2024 (UW-Madison Division of Extension Ozaukee County Written &

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Register of Deeds**
DIRECTOR: **Jennifer Laurin**
PREPARER: **Jennifer Laurin**

Agenda Summary Register of Deeds/Land Information Monthly Report

ATTACHMENTS:

- October Department Report (DOCX)
- ROD September 2024 (PDF)
- Land Information September 2024 (PDF)

NATURAL RESOURCES COMMITTEE

Register of Deeds
&
Land Information

October 2024 Department Report

Register of Deeds Office:

We recorded 1035 documents in September, compared to 948 for the same period the year before, and 87.73% of the documents this month were recorded as a digital record versus 75.95% for this period in 2023. We had a profit of $42,292.00 for September, and $293,802.00 year-to-date.

In September we received $265,479.00 in Transfer Fees. Of that amount $212,383.20 was the portion that went to the State, and $53,095.80 was the portion that went to the County.

The Register of Deeds Office is hosting a “30 Days of Giving Challenge” for the month of November. Last year we collected over 260 pounds of food and other items to benefit families in our community!!! Once again, we are going to be hosting 2-3 barrels for the Ozaukee Food Alliance (food pantry). The barrels were dropped off at the end of October and will be here for the entire month of November. Our goal is to exceed our 2023 total! We are hoping that together, we can make this season a little brighter for everyone!

Land Information Office:

This office had a profit of $340.00 for September and $6,021.00 year-to-date.

Attachment: October Department Report (Register of Deeds/Land Information Monthly Report)

Ozaukee County Committee Report

General Fund Register of Deeds

For the Nine Months Ending Monday, September 30, 2024

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Public Charges for Services	$84,963	$651,561	$1,000,000	$348,439	65.16%
Total Revenues	**$84,963**	**$651,561**	**$1,000,000**	**$348,439**	**65.16%**
Expenditures					
Salaries	$21,646	$195,534	$260,054	$64,520	75.19%
Fringe Benefits	$8,610	$83,971	$94,314	$10,343	89.03%
Travel/Training	$401	$2,078	$2,700	$622	76.96%
Supplies	$127	$1,000	$1,325	$325	75.47%
Purchased Services	$9,208	$51,398	$103,150	$51,752	49.83%
Interdepartment Charges	$2,629	$23,678	$36,437	$12,759	64.98%
Other Expenses	$50	$100	-	($100)	0.00%
Total Operating Expenditures	**$42,671**	**$357,759**	**$497,980**	**$140,221**	**71.84%**
Capital Outlay					
Total Expenditures	**$42,671**	**$357,759**	**$497,980**	**$140,221**	**71.84%**
Net Increase (Decrease)	**$42,292**	**$293,802**	**$502,020**	**$208,218**	**58.52%**

Equity:

Attachment: ROD September 2024 (Register of Deeds/Land Information Monthly Report)

Ozaukee County Committee Report

Special Revenue Fund Land Information

For the Nine Months Ending Monday, September 30, 2024

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Taxes	$4,795	$43,151	$57,535	$14,384	75.00%
Intergovernmental Revenues	-	$21,160	$11,000	($10,160)	192.36%
Public Charges for Services	$8,265	$65,863	$100,000	$34,137	65.86%
Total Revenues	**$13,060**	**$130,174**	**$168,535**	**$38,361**	**77.24%**
Expenditures					
Salaries	$6,224	$54,215	$64,722	$10,507	83.77%
Fringe Benefits	$1,845	$17,324	$20,930	$3,606	82.77%
Travel/Training	-	$1,061	$7,000	$5,939	15.16%
Supplies	-	$14,460	$16,500	$2,040	87.64%
Purchased Services	$4,272	$33,128	$72,800	$39,672	45.51%
Interdepartment Charges	$379	$3,428	$4,846	$1,418	70.74%
Other Expenses	-	$537	$537	-	100.00%
Total Operating Expenditures	**$12,720**	**$124,153**	**$187,335**	**$63,182**	**66.27%**
Capital Outlay					
Total Expenditures	**$12,720**	**$124,153**	**$187,335**	**$63,182**	**66.27%**
Net Increase (Decrease)	**$340**	**$6,021**	**($18,800)**	**($24,821)**	**-32.03%**
Equity:					
Governmental Fund Balance	-	($48,793)	-	$48,793	0.00%

Attachment: Land Information September 2024 (Register of Deeds/Land Information Monthly Report)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Land and Water Management**
DIRECTOR: **Katie Vogeler**
PREPARER: **Katie Vogeler**

Agenda Summary WI DATCP 2025 Producer-Led Watershed Protection Grant Application and Acceptance for Milwaukee River Watershed, Clean Farm Families

BACKGROUND INFORMATION: Producer-Led Watershed Protection Grants are awarded by the Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP). The grants go to projects that focus on ways to prevent and reduce runoff from farm fields and that work to increase farm participation in these voluntary efforts. Funds are awarded to Producer-Led Watershed groups such as the Milwaukee River Watershed Clean Farm Families. For Calendar year 2025, with your approval, we are applying for $40,000.

The Land & Water Management Department serves as the fiscal recipient and collaborator for the Milwaukee River Watershed Clean Farm Families, a farmer-led group.

ANALYSIS: Producer led watershed councils have proven to be very effective at developing innovative approaches and providing outreach to get more producers to utilize practices which reduce nonpoint source pollution. Grant requires a 1:1 match. The match funds are provided by other grant sources such as Fund for Lake Michigan, Conservation Innovation Grant Contract, The Nature Conservancy, Ozaukee County Approved Budget allocation and Staff In-Kind work.

FISCAL IMPACT: $40,000

FUNDING SOURCE: WI Department of Agriculture, Trade and Consumer Protection

County Levy: $0 Non-County Levy: $40,000

Indicate source: WI Dept. of Agriculture, Trade and Consumer Protection

RECOMMENDED MOTION: Approval and Acceptance of the DATCP Producer-Led Watershed Protection 2025 grant in support of the Clean Farm Families.

ATTACHMENTS:

- 2025PLWPGApplication (DOCX)

NATURAL RESOURCES COMMITTEE

Wisconsin Department of Agriculture, Trade and Consumer Protection
Division of Agricultural Resource Management
PO Box 8911 Madison, WI 53708-8911
Phone: (608) 590-7357

DATCP Producer-Led Watershed Protection Grant Proposal

The Producer-Led Watershed Protection Grant program is authorized under s.93.59 Wis. Stats and ATCP 52, Wis. Admin. Code

Any personally identifiable information, as defined under *s. 19.62(5),* Stats., requested on this form may be used for purposes other than that for which it is originally being collected *(s. 15.04 (1) (m), Wis. Stats.).* Confidentiality of this information will be maintained to the extent authorized by law. Completion of this form is required to apply for a Producer-Led Watershed Protection Grant. *(s. 15.04(1)(m), Wis. Stats., and s. ATCP 52.03(1), Wis. Admin. Code)*.

GENERAL PROJECT INFORMATION

NAME OF PRODUCER-LED GROUP *The Milwaukee River Watershed Clean Farm Families (referred to as CFF throughout this application)*			
LEAD CONTACT NAME *Sarah Kempen*	E-MAIL *skempen@ozaukeecounty.gov*	PHONE NUMBER *(414) 628 - 1092*	
MAILING ADDRESS STREET OF ENTITY TO BE PAID *121 W. Main Street, PO Box 994*	CITY *Port Washington*	STATE *WI*	ZIP *53074*
LEAD FARMER NAME *Mike Paulus*	E-MAIL *cowsrus@paulusdairy.com*	PHONE NUMBER *(414) 378 - 6453*	
FISCAL MANAGER OF GROUP (if different from lead contact above) *See lead contact above*	E-MAIL -	PHONE NUMBER -	

GRANT AMOUNT REQUESTED: *$40,000*

PROJECT TITLE (12 words or less): *Prioritizing the Conservation and Protection of Soil Health and Water Quality*

WATERSHED NAME and HUC NUMBER *(ex. Rock River Watershed, 705000706):*
MKE River Frontal 0404000306; Sauk & Sucker Creeks-Frontal Lake Michigan 0403010112; N. Branch Milw River 0404000301; Onion River 0403010110; E&W Milw River 0404000302; Menomonee 0404000304

Note: *Participants within your group must reside within the same watershed project area. See the DATCP webpage to determine your* group's watershed.

PROJECT SCOPE

Question 1a: Number of eligible agricultural producers currently participating in producer-led group: *86*

For the definition of an eligible farm, please review the RFP.

Number of farmers on governing body (group leaders/board members): *10*

Number of total members (farm or non-farm) in group: *86*

GRANT IMPACT REPORTING

Question 1b: Types of farming operations participating in producer-led group (check all that apply):

☒ Dairy	☒ Beef	☐ Swine	☒ Sheep	☐ Goat	☒ Poultry
☐ Exotics	☒ Grazing	☒ Cash grain/forage	☒ Vegetable	☐ Certified organic	☐ Other

Question 1c: Total acres included on farms within producer-led group: *8,850 of board member acres*

8,500 Cropland	*350 Pasture*	Orchard	Vineyard	Managed grassland/CRP
Managed forest	Managed wetlands	☒ Other *Bare Ground Initiative Completed- 11 acres (school district,*		

Question 1e: What are the main resource concerns the group will address? Check top three concerns.

☒ Surface water quality	☐ Surface water quantity	☐ Groundwater quality	☐ Groundwater quantity
☒ Soil erosion	☒ Soil health	☐ Nutrient management	☐ Flooding
☐ Habitat degradation	☐ Streambank erosion	☐ Other	

Attachment: 2025PLWPGApplication (Producer Led Watershed Protection Grant 2025 Application and Acceptance)

WORK PLAN

Please list the group's vision and mission statements. *Outline the goals and objectives for this year's work plan. Include details on how your work plan addresses water quality, soil health, and other resource concerns you intend to address.*

Vision statement: *Achieve Healthy Soils to Improve Water Quality and Sustain Agricultural Production*

Mission statement: *Prioritizing the Conservation and Protection of Soil Health and Water Quality*

Goals & Objectives:

- *Continuing to provide cost-share incentives to allow farmers to try practices that may be new to them or to provide financial assistance they wouldn't otherwise be able to do. These practices include no-till, cover crops, low disturbance manure application, harvestable buffers, planting green, establishing grazing, equipment conversion (to lessen soil disturbance), nutrient testing (to reduce unnecessary nutrient overapplications), native/pollinator seedings (to reduce exposed soils), and manure management and composting. Although we do not intend to incentivize new practices this year, we plan to expand the manure management and composting incentive beyond education to include a $2,000 stipend towards equipment purchases (i.e. manure spreaders, compost bins, thermometers, etc.) or storage facilities.*
- *Continuing to provide rental equipment to farmers to help promote soil health practices to those that may not have the equipment to do so but are interested in trying. Equipment available for rent includes a tractor and no-till drill that converts to an interseeder, a roller crimper, and an airseeder. We are consistently trying new outreach methods to spread the word about its availability.*
- *Continuing to work with Steve Chamberland with Water Warriors and their research in Poseidon Pellets. These phosphorus trapping pellets are intended to catch runoff water and filter phosphorus in solution before leaving the waterway. A site is currently set up in Fredonia at a CFF board member's field for observation and research.*
- *Increase the number of participants performing soil health practices by 10%. This will be done through continued field days, social media and news outlet postings, and word of mouth from current members throughout the community. New methods include direct mailings to producers with fields under 100' of constant flow waterways and targeted producers with conventionally tilled fields.*
- *Hold a Soil Health Academy featuring well known soil health speakers, Ray Archuleta and Russel Hedrick. The intent of this academy is to hold two 2-day classes that will educate farmers about the importance of soil health. One class is for grain farmers and the other for dairy farmers since each operation has different approaches towards soil health. This class was intended to happen in 2024, but conflicting schedules put it on hold. It is currently planned for March 2025.*
- *Continuing to work with the Ozaukee Demo Farm Network and Grazing Farm Families to demonstrate practices farmers are doing in our area to educate others. These partnerships are critical to help each group grow their memberships via collaborations for events and field days.*
- *Continuing our research, education, and promotion using the Highway 57 Demonstration Plot. This plot compares conventional till versus no-till for corn, soybeans, and wheat. It contains live weather data stations that give continuous feedback on soil temperatures and moisture. Every year we hold an event at the plot to demonstrate the results that we are finding. Potential research plans for the plot in 2025 include "soil your undies" and a nitrogen study.*
- *Continuing to hold pop-up field days in Ozaukee County to promote and educate innovative approaches and techniques other farmers are taking to improve soil health and water quality. These typically include grazing, manure management cover crops, and any other new practices that become available throughout the year.*
- *Continuing to hold events and field days that get the producers in the community together to educate one another about the work they are doing to improve soil health and water quality. Previous events we hope to continue include the annual board meeting that is open to the public to allow for public comment, Families Behind the Farm to get the wives and children on farms more involved in the discussion about farming and Pollinator field days to educate on the importance of pollinators and their role in successful growth of our crops. A new idea is to hold 1-2 twilight meetings that will present a knowledgeable speaker on a specific topic and allow for open conversation thereafter.*

Organization of governing structure

Governance structure:	☒ Board of Directors	☐ Officers	☐ Other
How governance roles are filled:	☒ Elections	☐ Appointment	☐ Other

Frequency of meetings:	Number of governing structure meetings per year: +- 10

MEMORANDUM OF UNDERSTANDING (MOU) & COLLABORATOR ROLES

Select which entity you are creating a MOU with. You must include a copy of the MOU with your submission.

☒ County LCC	☐ DNR	☐ UW Extension	☐ Discovery Farms

☐ Non-Profit Conservation Organization *(list)*:

Role of collaborating entity in producer-led group *(check all that apply)*

☒ Identification of projects and goals	☒ Communications and public relations

Attachment: 2025PLWPGApplication (Producer Led Watershed Protection Grant 2025 Application and Acceptance)

☒ Project development and execution	☐ Other
☒ Financial management and fundraising	☐ Other

Existing groups – *Have you changed collaborators over time?*	☐ Yes	☒ No
If yes, what led you to switch collaborators?		

MEMBERSHIP & PARTICIPATION

New members/participants recruited in previous grant cycle *(if applying as an existing group):*

Number of new members/participants recruited: *16*

Membership/participation recruitment goal for this year:

Goal for number of new members/participants: *8*

Previous successful membership recruitment activities (existing groups) or any initial work planning meetings (new groups):

1. *Hosted a number of events including a soil health workshop featuring Blake Vince, a soil health poker run featuring 4 different soil health sites, an open board meeting to the public, a horse management workshop, a grazing event featuring Jim Gerrish, a forage workshop featuring Tom Kilcer, pollinator habitat field days, and various pop-up field days.*
2. *Word of mouth from the CFF board members.*
3. *Hiring a full time Ozaukee County staffer/CFF collaborator. This has helps spread the success across social media outlets and making contacts with other producer-led groups that have members in Ozaukee County.*
4. *Public outreach via booth displays at Breakfast on the Farm events and Ozaukee County fair.*
5. *Continuing the soil health incentives program to help draw in new adopters or people who otherwise wouldn't be able to afford these conservation practices on their own. Same with our rental equipment available.*

Planned membership recruitment activities:

1. *Host a soil health academy featuring Ray Archuleta and Russel Hedrick, which will include a 2-day grain class and 2-day dairy class.*
2. *Host a farmer-to-farmer social cookout with Cedar Creek Farmers.*
3. *Direct mailings to farmers with concerning tillage practices and fields under 100' from flowing waterways.*
4. *Host a Homesteading Tour of a farmer's successful regenerative farming operation in Ozaukee County.*

Historical producer-led group total membership:

1st YEAR Funded *(2016)*	*Unknown Board Members / Unknown Total membership*	5th YEAR Funded *(2020)*	*8 board members/ 32 Total membership*
2nd YEAR Funded *(2017)*	*Unknown Board Members / 14 Total membership*	6th YEAR Funded *(2021)*	*8 Board members/ 56 Total membership*
3rd YEAR Funded *(2018)*	*Unknown Board Members / 20 Total membership*	7th YEAR Funded *(2022)*	*10 Board members/ 70 Total membership*
4th YEAR Funded *(2019)*	*6 Board Members/ 32 Total membership*	8th YEAR Funded *(2023)*	*10 Board members/ 86 Total membership*

CONSERVATION PRACTICE PROGRAM OFFERINGS

Please include all practices that your group plans to offer as part of an incentive/cost-share program this year. Fill out the supporting information in light grey if available.
***NOTE**: Payments cannot be made through this program to the same farm on the same acres for more than three years*

Practice: ***Cover Crop 1st and 2nd year incentives***		**Total funding requested for practice:** ***$10,500***
Incentive payment offered per acre/per unit: *1st year- $35/ac; 2nd & 3rd year- $45/ac*	Number of total farms to be funded: *28*	Total acres funded: *1,200*
Totals acres covered beyond DATCP: *2,000*		Maximum payment per farmer (if applicable): *$2,000*

Practice: ***No-Till 1st and 2nd year incentives***		**Total funding requested for practice:** ***$9,000***
Incentive payment offered per acre/per unit: *1st year- $20/ac; 2nd & 3rd year- $35/ac*	Number of total farms to be funded: *30*	Total acres funded: *1,300*
Totals acres covered beyond DATCP: *1,900*		Maximum payment per farmer (if applicable): *$2,000*

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Practice: *Low Disturbance Manure Applications*	**Total funding requested for practice** *$3,000*	
Incentive payment offered per acre/per unit: *$25/ac*	Number of total farms to be funded: *7*	Total acres funded: *500*
Totals acres covered beyond DATCP: *1,200*	Maximum payment per farmer (if applicable): *$2,000*	
Practice: *Harvestable Buffer*	**Total funding requested for practice** *$500*	
Incentive payment offered per acre/per unit: *$450/ac*	Number of total farms to be funded: *1*	Total acres funded: *5*
Totals acres covered beyond DATCP: *6*	Maximum payment per farmer (if applicable): *$2,000*	
Practice: *Establishing Grazing*	**Total funding requested for practice:** *$1,500*	
Incentive payment offered per acre/per unit: *up to $2,000 stipend*	Number of total farms to be funded: *2*	Total acres funded: *180*
Totals acres covered beyond DATCP: *200*	Maximum payment per farmer (if applicable): *$2,000*	
Practice: *Planting Green*	**Total funding requested for practice:** *$1,500*	
Incentive payment offered per acre/per unit: *$45/ac*	Number of total farms to be funded: *4*	Total acres funded: *120*
Totals acres covered beyond DATCP: *140*	Maximum payment per farmer (if applicable): *$2,000*	
Practice: *Nutrient Testing (Nitrates, Forage biomass, Tissue, Manure)*	**Total funding requested for practice:** *$250*	
Incentive payment offered per acre/per unit: *$100/test*	Number of total farms to be funded: *1*	Total acres funded: *N/A*
Totals acres covered beyond DATCP: *N/A*	Maximum payment per farmer (if applicable): *$2,000*	
Practice: *Bare Ground Coverage*	**Total funding requested for practice** *$1,000*	
Incentive payment offered per acre/per unit: *up to $2,000 stipend*	Number of total farms to be funded: *1*	Total acres funded: *11*
Totals acres covered beyond DATCP: *5*	Maximum payment per farmer (if applicable): *$2,000*	
Practice: *Pollinator or Native Seeding*	**Total funding requested for practice** *$250*	
Incentive payment offered per acre/per unit: *$50/ac*	Number of total farms to be funded: *2*	Total acres funded: *8*
Totals acres covered beyond DATCP: *9*	Maximum payment per farmer (if applicable): *$2,000*	
Practice: *Manure Management*	**Total funding requested for practice** *$500*	
Incentive payment offered per acre/per unit: *up to $2,000 stipend*	Number of total farms to be funded: *2*	Total acres funded: *200*
Totals acres covered beyond DATCP: *300*	Maximum payment per farmer (if applicable): *$2,000*	

DEMONSTRATION/RESEARCH PLOTS

Please include the following information for any on-farm demonstrations, field trials, or research plots to be conducted this year.

Plot/Research Location:
Clean Farm Families Soil Health Demonstration Plot. Located on Hwy 57 in Fredonia.

Plot/Research size: *6 plots- 5 acres per plot*	Practices highlighted/evaluated: *Benefits of no-till and fall seeded cover crops to soil health infiltration and erosion, as well as yield impact. Yield in these long-term no-till vs. conventional plots is compared t demonstrate the benefits and effectiveness of soil health practices in heavy clay soils. Research will calculate crop yield, production costs to determine net profits and the changes in soil and plant health. Partnered studies include monitoring soil temperature and performing Haney soil tests to compare soil health in a 5+ year study following the soil health principles and rain simulation studies.*

Outreach to be conducted on this project:

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Plot days will be organized to demonstrate and discuss the results of the soil health studies being performed there. P[illegible] studies with Dennis Busch via CIG grant will also be presented and published on. Our data is shared via plot days, social media, and through our professional partners.

☒ Demonstration: *Side by side comparison of conventional corn, no-till corn, conventional wheat, no-till wheat, conventional soybeans, no-till soybeans*	☒ Research: *Weather data and soil probe that tells real time information about weather in the area, soil temperature and soil moisture.* *"Soil Your Undies" to look at soil biology present in each plot.*

Plot/Research Location:
Cover Crop Plot. Located on Highway 57 in Fredonia.

Plot/Research size: *6 plots- 2 square meters per plot*	Practices highlighted/evaluated: *Benefits and increased cropping system sustainability of cover crop usage. Determine how soil type, soil moisture, and growing degree days influence the growth of various cover crop species in September and October in the Midwest. This plot is part of a course issued by Michigan State University Extension.*

Outreach to be conducted on this project:
Pop-up field day will be organized to demonstrate to producers interested in cover crops on different mixes and how weather in the area impacts their growth, including the impact species have on each other when grown together. This data will also be shared via social media, including Facebook and webpages.

☒ Demonstration: *Side by side comparison of six different cover crop mixes*	☒ Research: *Compare final biomass and composition of the biomass of each plot to determine what mix produced the highest and best biomass.*

FIELD DAYS, WORKSHOPS, & OUTREACH ACTIVITIES

Please include the following information for any field days, farm tours, or workshops to be conducted this year.

Outreach activity title: ***Soil Health Workshop- February 2025***

Topics planned: *Each year the CFF puts together a soil health workshop featuring a farmer or producer who has had success improving soil health and profitability. Lance is president of Regen Ag Lab and a well-known promoter of soil health testing and soil health fertility, which is what his presentation will be focused on. There are potential plans to include a local farmer panel as well, but that is still in early planning stages.*	Speakers planned: *Lance Gunderson, panel TBD*

Outreach activity title: ***Soil Health Academy- March 2025***

Topics planned: *A classroom style lecture for intermediate soil health implementers from two professionals who are successful at farming and building soil health.*	Speakers planned: *Ray Archuletta, Russel Hedrick*

Outreach activity title: ***Soil Health Demonstration Plot Day on Hwy 57- June 2025***

Topics planned: *Yield results in no-till vs. conventional plots to determine net profit, "Soil Your Undies" results, Nutrient Stratification testing results, Rain Simulation test result from Dennis Busch*	Speakers planned: *TBD*

Outreach activity title: ***Farmer to Farm Social Cookout- July 2025***

Topics planned: *The plan is for there to be an expert on one specific topic that will talk with the group and answer questions. The remainder of the time provides an open floor discussion amongst farmers to talk about any topics they choose. It also will provide the farmers to interact one-on-one.*	Speakers planned: *TBD*

Outreach activity title: ***Families Behind the Farm- August 2025***

Topics planned: *More of an open conversation this year; asking them what information they wish they had or would get from conservation professionals*	Speakers planned: *TBD*

Outreach activity title: ***Homesteading Tour- September 2025***

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Topics planned: *Visiting a farm to learn about the physical, mental, and financial aspects involved in the conservation practices they implement*	Speakers planned: *TBD*

COMMUNICATIONS & OUTREACH

List any planned communication and outreach efforts including any newsletters, blogs/vlogs, websites, social media, factsheets, TV/radio/newspapers, videos, or similar:

Clean Farm Families Facebook Page- *This is updated weekly to promote soil health practices and share upcoming outreach events.*

Clean Farm Families Website- *This explains the different soil health incentives available to farmers, has information about our rental equipment and soil health demonstration plot, and a news tab as another location to promote recent events and information.*

Partnerships- *We partner with the Ozaukee County Demonstration Farm Network, other local producer-led watershed groups, and conservation professional organizations who all share our publications and upcoming events.*

Newsletter- *Each year Ozaukee County puts together our Ozaukee County Dirt newsletter which includes updates and information about the CFF and is mailed out to 300+ farmers and followers subscribed to follow our soil health journey.*

In person communications- *These are utilized at field and plot days, soil health workshops, presentations to the County Board, Farm Bureau, and conferences*

Flyers- *Each event involves handing out flyers to a host of organizations/groups including Ozaukee County municipalities an libraries, NRCS office, Land and Water mailing list, snail mail to the 300+ farmers on our mailing lists.*

Videos- *A few members involved in both the CFF and OCDFN worked with Dan Hagenow Video Creations to create a promotional video which will be shared via the avenues listed above.*

Describe how the work of the group will enhance current local and state conservation and agriculture innovation programs and efforts:

Our members, board members, and collaborators continue to take a huge interest in promoting conservation farming and the positive impact it has on improving water quality. With the help of this grant, they will be able to expand their efforts to even more farmers in the community via continued monetary incentives, funds to host community outreach events informing the public about the importance of soil health and water quality, and connections/partnerships to other producer-led groups and conservation professionals throughout the state. Our hope for this next year is to do some targeting outreach to farmers in the community that have farm fields within 100 feet of a perennial stream and making them aware of our pollinator/native seeding and harvestable buffer incentives. Having these buffers will help filter out and infiltrate polluted water before it makes it into surface flow. We would also like to send letters to various farmers in the community that we have not seen at our events in hopes that we can get them to learn more about our department and the CFF group.

Farmer Mentorship: Existing groups, describe any work planned for mentoring other farmers and farmer-led groups. New groups, describe any plans to learn from existing producer-led watershed groups and farmer conservation leaders:

Partnerships- *CFF and OCDFN is currently in conversation with UW-Extension, who is considering hiring another Natural Resources Educator to help out with the group. They have experience in mentorship with other producer-led and demo groups and discussed bringing that as help to our group as well.*

Trainings- *We are still in the works of getting the Soil Health Academy with Ray Archuletta off the ground which will be a great mentorship opportunity due to the number of speakers coming to educate local farmers about soil health.*

Group Travel- *Each year we try to plan 1-2 group travel plans to visit neighboring producer-led group field events. This is a perfect opportunity for our farmers to network and learn from other farmers outside our area.*

Annual Board Meeting- *Each year we open up one board meeting to the public to educate others about the work the CFF is doing and the opportunities available.*

Events- *We will continue to host our own pop-up field days covering a host of topics including grazing, pollinators, soil health cover crops, and more!*

FOR EXISTING GROUPS ONLY

Describe at least one significant success of your group related to a goal achieved, a program delivered, farmer attitudes changed, or other change in the community as a result of your work in the previous grant cycle:

The challenge of getting new farmers to be involved in the CFF and to take an interest in improving soil health and water quality is a consistent one throughout all producer-led groups. The fact that we have continued to increase our members over the years is not something to be taken lightly. We are proud and excited that we continue to have a few new faces show up at our events, especially this year's soil health poker run. We decided to change up how we do our large summer event by hosting numerous sites to highlight in the community and we received great feedback and new faces due to the excitement the new event brought about.

We are excited about the progress we are making with our new manure management/composting incentive. Last year's goal was to educate ourselves more and the public on manure composting. Not only did we attend events and trainings to learn more about manure composting, but we held a manure management and composting workshop in Ozaukee County and had a solid turnout of about 20 producers! We have learned a lot and plan to continue this incentive to include cost share opportunities for installation of these composting and manure management facilities.

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Last year was the first year we held a board meeting open to the public. We were incredibly happy with the turnout and feedback we received from local farmers and plan to continue making this an annual event.

Describe administrative or organizational changes the group will make this year to improve the function and/or increase the impact of the group.

1. *The soil health demonstration plot we have located on highway 57 has had some difficulties showing profitability and improvements in soil health over the years. This isn't due to the lack of interest or care by our farmers, but more so the difficulty in proper management due to their own farm our farmers must focus on first. This upcoming year we are planning to task management of this plot to a local farmer with experience in corn and soybean planting and involve their agronomist in the planning of it. Our hope with this is to take important strides in increasing the soil health of this plot, which already had difficult clayey, wet soils, so we can prove to our community what we already know: soil health does mean an improvement in water quality and profitability on farms.*
2.
3.

TRACKING PROJECT

Select which of the following goals and metrics your group will use to measure progress and for reporting success in addition to the tracking project. Existing groups should emphasize results-based metrics than effort-based metrics.

☒ Number of hours spent on planning activities	☒ Number of acres of conservation practices installed
☐ Completed work plan with goals and mission statement	☒ Number of farmers who have continued using a practice after accepting cost-share through your group
☒ Plan created to distribute conservation incentives	
☒ Number of outreach materials created	☐ Results of testing innovative practices or techniques
☐ Data collection and analysis plan	☐ Number of soil samples taken and acres covered
☒ Number of group meetings and list of accomplishments	☒ Attendance and outcomes at outreach events
☒ Number of new farms involved in the group	☒ Increase in number of group participants and partnerships
☐ Number of new partnerships formed	☒ Number of farm assessments
☐ Number of new sponsorships received	☒ Coordinator position: hours spent
☒ Total dollars raised beyond DATCP grant	☒ Number of nutrient management plans developed or updated using SnapPlus
☒ Number of speaking engagements	
☒ Number of mailings	☐ Soil test P reductions
☐ Number of newspaper articles mentioned in	☐ Phosphorus Index value reductions
☐ Farmer survey results	☒ On-farm research results
☐ Water quality monitoring plan	☐ Long-term sustainability plans
☐ Other:	☐ Water quality monitoring completed
☐ Other:	☐ Other:
☐ Other:	☐ Other:
☐ Other:	☐ Other:

QUALIFICATIONS:

Provide the following information for at least five eligible farmers and at least one collaborator. Farm leaders and group members are required to follow all local, state, and federal rules, laws, and regulations.

Eligible Farmer Name:
Jeremy Risch

Overview of farm operation (can include acreage, livestock, production and conservation practices):
I operate a Dairy farm which includes 400 wet and dry cows and 300 young stock heifer sows. In addition to cattle, I run 700 acres of crop land in which I implement innovative practices including no-till, cover crops and grass buffer strips.

What do you hope to learn by participating in this producer-led group?
I am looking to learn more innovative ways of doing things and how to be even more conservative with the land. Dairy manure management can be complicated so also learning better management skills that way.

If you are part of an existing group, how has your management changed since participating in this project?
Although I have always installed waterways in washed out areas of my fields, I had never done no-till or cover crops. I used to work up hay fields, but I no longer do that practice and instead no-till into the hay fields. It is still a learning process, but I look forward to learning more.

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Eligible Farmer Name:
Dan Jacque

Overview of farm operation (can include acreage, livestock, production and conservation practices):
I milk 180 cows and run 450 acres of crop ground, 100 acres of that ground is no-till into rye. I also interseed approximately 90 acres with a 10 species cover crop mix.

What do you hope to learn by participating in this producer-led group?
My biggest interest is increasing feed value in corn silage with interseeding. I would like to learn best methods and mixes to improve my yield in those interseeded acres so I can grow the number of acres it is utilized on.

If you are part of an existing group, how has your management changed since participating in this project?
I started farming using conventional tillage and have always farmed for corn sileage. For 8-9 years now I have been using no-till and cover crops in my operation because I see the benefits it has on the health of my cows.

Eligible Farmer Name:
Joe Lapinski

Overview of farm operation (can include acreage, livestock, production and conservation practices):
I currently run 300 acres and operate 45 steers. I very much believe in the benefit of conservation farming and have tried a suite of practices including no-till, cover crops, planting green, interseeding, and frost seeding.

What do you hope to learn by participating in this producer-led group?
I am interested in learning better ways to implement cover crops- what cover crops work better with which row crops. Overall, my goal is to learn how to make cover cropping more profitable.

If you are part of an existing group, how has your management changed since participating in this project?
I currently farm my own property and help with my dad's farm. My dad still farms conventionally which is how I started out. Since then, I have learned and seen the benefits of soil health practices and made a switch on my farm in 2020. The number one reason I made the switch was due to needing to save time on the farm.

Eligible Farmer Name:
Richard Musbach

Overview of farm operation (can include acreage, livestock, production, and conservation practices):
I currently farm 130 acres of crop ground and incorporate winter wheat, alfalfa and cover crops into my rotation.

What do you hope to learn by participating in this producer-led group?
I have a number of grassed waterways located on my farm ground. I have seen the positive impact of this practice but am hoping to learn more about long term maintenance.

If you are part of an existing group, how has your management changed since participating in this project?
Originally my management included conventional tillage. After involvement in this producer-led group, I have since learned about the furrows created by the plow and have witnessed firsthand the negative impact this has on my farm ground. My transition began 10 years ago, and I no longer do any moldboard plowing on my farm. I am a big fan of oats and their positive impact on my soil and subsequent crops; typical rotation includes oats after winter wheat and winter wheat after soybeans.

Eligible Farmer Name:
Brian Huiras Sr.

Overview of farm operation (can include acreage, livestock, production and conservation practices):
My son and I run 650 acres in a typical corn, soybean, and winter wheat rotation. We also have 70 beef and farm 100% no-til since 2016. We use multi-species cover crops after winter wheat.

What do you hope to learn by participating in this producer-led group?
We enjoy hearing what others are doing in the County and surrounding areas. We learn most by talking with others and learning from their experiences.

If you are part of an existing group, how has your management changed since participating in this project?
As like many farmers, our farm was managed with typical conventional tillage. I really dove into my soil health journey after attending the CFF winter workshop back in 2016. Since then, we transitioned all of our acres to no-till and incorporating cover crops in that.

Eligible Farmer Name:
Tim Grube

Overview of farm operation (can include acreage, livestock, production and conservation practices):
Between owned and rented, my wife and I run 150 acres. We also have 35 cows and finish 35 calves from them.

What do you hope to learn by participating in this producer-led group?
I hope to learn more about regenerative practices that are suitable in our climate. I am also interested in learning more about cover crop mixes that are good for ground cover. I am essentially a sponge and look forward to continuing to learn from other farmers along the way.

If you are part of an existing group, how has your management changed since participating in this project?
Since joining the group, we have significantly increased our grazing acres due to the financial incentive provided by the CFF. We have also increased the fertility in our pastures and have recently experimented with grazing our cover crops. The biggest change was going from row crops to grazing forages; we are letting the cattle do the work for us which has significantly reduced our costs.

Eligible Farmer Name:
Brian Karrels

Overview of farm operation (can include acreage, livestock, production and conservation practices):
Our operation includes 1,600 acres of row crop and our typical rotation is corn, soybeans, and winter wheat. Conservation practices include reduced tillage and cover crops after winter wheat. I am also owner of Lake Breeze Seeds and sell Pioneer seed and operate the farm with my niece's husband, Levi Brill.

What do you hope to learn by participating in this producer-led group?
I thoroughly enjoy interacting with fellow farmers and learning new practices they are implementing. I hope to continue learning about new and upcoming practices and products to help improve soil health and water quality!

If you are part of an existing group, how has your management changed since participating in this project?
We no longer partake in deep tillage of our fields and have significantly reduced the amount of tillage done previously. We have also gotten involved with cover crops and really see the benefit of frost seeding clover into winter wheat. Compaction can impact soil health and cause issues with water quality; therefore, we have been investing in reduced compaction equipment, including LSW tires for our tractors.

Collaborator Name:	*Sarah Kempen*

Relevant work experience, conservation background, previous leadership roles, and commitment to this project:

Sarah is the Conservation Planner and Soil Health Specialist with Ozaukee County Land and Water. She has worked in water quality and soil health for the past 10 years and has extensive experience in promoting education and outreach, working with farmers to implement soil health practices, and meeting/event coordination. Her conservation background includes a bachelor's degree in environmental science, working as a Watershed Coordinator and Storm Water Specialist in Iowa. She is committed to environmental conservation and enjoys working with other to pursue the same passion.

Collaborator project responsibilities:

Sarah will serve as the CFF financial administrator, assistant board meeting planner, organizer for plot days and field events, social media coordinator and collaborator with other agencies and producer-led groups in conservation, scheduler for equipment available for rent.

Collaborator Name:	*Ted Hoffman*

Relevant work experience, conservation background, previous leadership roles, and commitment to this project:

Ted Hoffmann is a private agronomist with In Depth Agronomy LLC, and has many years of experience working with farmers in Southeast Wisconsin in scouting crops and aiding decisions on farm that involve soil health, weed and pest management, nutrient management and research. He is currently our hired manager of the Ozaukee County Demo Farm Network, and we try to cooperate and work together with the groups for the benefit of all. He is manager of the OCDFN for 5-year contract terms, and we look forward to extending this as we draft the next contract.

Collaborator project responsibilities:

Ted serves as a sounding board for advice in managing the Clean Farm Families Soil Health Plot, as well as a presenter at events. Although he does not receive any official funding as collaborator, he enjoys the chance to grow the image of soil health to farmers, and we appreciate his knowledge and efforts.

ADDITIONAL INFORMATION

Please provide any additional details about your project that will help reviewers assess your project need and merit. This could include, but is not limited to:

- Timeline of activities proposed;
- Partnerships with other agencies, agricultural groups producer-led watershed groups, or agricultural professionals to strengthen and leverage your efforts (ex. Implement dealers, crop consultants, UW-Extension agents, etc.). Letters of support are welcomed;
- Incorporation of nutrient management and DATCP Nutrient Management Farmer Education grants.

- *See FIELD DAYS, FARM TOURS & WORKSHOPS in the section above for Timeline of activities proposed.*
- *The CFF continues to partner with many groups, as we see the benefits and important role partnerships play in promoting soil heath. CFF has established partnerships with NRCS, UWEX, Sand County Foundation, Village of Grafton, City of Cedarburg, Riveredge Nature Center, Milwaukee Metropolitan Sewerage District, Dodge County Farmers and Cedar Creek Farmers, UW-Platteville, SE WI Watersheds Trust and Farmers Implement, Glacierland RC&D, Ozaukee County Demo Farm Network, American Farmland Trust, Roden Echo Valley Farm, and Pollinator Partnership.*
- *As a County, we review NMP's and host trainings annually. As the CFF we host a pop-up field day for education of manure and nutrients within the NMFE Grant.*

1 Under the Eligible Expense section, in the Budget Category column, enter one of these four options:

- Conservation Practices

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- Conservation Demonstrations and Education
- Promotional Activities
- Administrative

2 Under the Eligible Expense section, in the Budget SubCategory column, please enter the best choice from the list below for each budget line:

- Conservation Practices
  - Incentives_Cover Crop
  - Incentives_Grassed Waterways
  - Incentives_No-till
  - Incentives_Other (please describe briefly)
- Conservation Demonstration and Education
  - Demonstration / Research Plots
  - Educational Workshops
  - Farm Tours
  - Field Days / Tech Days
  - Supported Member Education
- Promotional Activities
  - Apparel
  - General Materials and Supplies
  - Printing
  - Signage
  - Web Hosting
- Administrative
  - Administrative Fees
  - Board meetings
  - General Materials and Supplies
  - Staffing
  - Travel

Follow directions on table for the Matching Funds, Source of Matching Funds, and Grant Request sections.

Example

If your budget item is cover crops, your Budget Category would be Conservation Practices and the Budget SubCategory would be Conservation Practices, Incentives_Cover Crops.

BUDGET REQUEST

Please add rows as necessary. Staff time must be separated out within eligible expenses.

	Budget Category	**Eligible Expense**	**Matching Funds**	**Source of Matching Funds**	**Grant Request**
DATCP USE ONLY	**Budget Category** - *Choose one:* • Conservation Practices • Conservation Demonstrations and Education • Promotional Activities • Administrative	**Sub-budget Category**	Must contribute 1:1 matching funds. For example, if you are requesting $20,000, you must provide a match of at least $20,000. Match does not need to be line item by line item.	Please indicate the source of matching funds.	Please indicate the total amount of grant funds requested for each line item.
1.	Conservation Practices	Incentives_Cover Crops	$29,500	FFLM, TNC, Oz Co	$10,500
2.	Conservation Practices	Incentives_No-Till	$24,000	FFLM, Oz Co	$9,000

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3.	Conservation Practices	Incentives_Low Disturbance Manure Application	$9,000	FFLM, TNC	$3,000
4.	Conservation Practices	Incentives_Harvestable Buffer	$1,500	FFLM	$500
5.	Conservation Practices	Incentives_Grazing Transition	$4,500	FFLM, Oz Co	$1,500
6.	Conservation Practices	Incentives_Planting Green	$ 5,500	FFLM, TNC	$ 1,500
7.	Conservation Practices	Incentives_Equipment Conversion	$ 5,000	FFLM, Oz Co	$ 0
8.	Conservation Practices	Incentives_Nutrient Testing	$ 500	FFLM	$ 250
9.	Conservation Practices	Incentives_Bare Ground Initiative	$ 4,000	FFLM, Oz Co, TNC	$ 1,000
10.	Conservation Practices	Incentives_Pollinator or Native Seeding	$ 1,500	FFLM, TNC	$ 250
11.	Conservation Practices	Incentives_Manure Management and Composting	$ 3,000	FFLM, TNC	$ 500
12.	Promotional Activities	Tangible-Signage/General Materials/Supplies/Apparel/website, media, mail	$ 2,500	FFLM	$ 1,000
13.	Conservation Demonstrations and Education	Educational Workshops, research inputs	$ 8,500	FFLM, CIG	$ 1,500
14.	Conservation Demonstrations and Education	Field Days/Tech Days	$ 450	FFLM	$ 250
15.	Conservation Demonstrations and Education	Demonstration Plot Research- seed, herbicide, soil testing, planting	$ 4,300	FFLM, Oz Co, CIG	$ 250
16.	Conservation Demonstrations and Education	Demonstration Plot Rent	$ 7,000		$ 7,000
17.	Conservation Demonstrations and Education	Supported Member Education	$ 2,850	FFLM, Oz Co	$ 1,000
18.	Administrative	Board Meetings/Travel/Staffing/ General Supplies	$ 3,800	FFLM, Oz Co	$ 1,000
19.			$		$
20.			$		$
Total Match Amount:			**$ 117,400**	**Total Request:**	**$ 40,000**

Electronic signature(s) of project lead and/or fiscal manager. By signing this application, I certify (1) to the qualification o each farmer identified in this application and their commitment to meeting all federal, state, or local laws, ordinances, regulations, and conservation compliance; and, (2) that the statements herein are true, complete, and accurate to the best of my knowledge. I also provide the required assurances and agree to comply with any resulting terms if I accept an award. I an aware that false statements or misrepresentations may subject me to legal action by DATCP.

Sarah Kempen	Sarah Kempen	9/9/2024
LEAD CONTACT	SIGNATURE (TYPE)	DATE
Katie Vogeler	Katie Vogeler	9/9/2024
FISCAL MANAGER	SIGNATURE (TYPE)	DATE
Mike Paulus	Mike Paulus	9/9/2024
LEAD FARMER, IF LEAD CONTACT IS NOT A FARMER	SIGNATURE (TYPE)	DATE

Thank you for your interest in the Producer-Led Watershed Protection Grant Program!

Email completed proposals *(In Microsoft Word)* to: DATCPProdLed@Wisconsin.gov.

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Attachment: 2025PLWPGApplication (Producer Led Watershed Protection Grant 2025 Application and Acceptance)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Land and Water Management**
DIRECTOR: **Katie Vogeler**
PREPARER: **Katie Vogeler**

Agenda Summary Fund for Lake Michigan 2025 Grant Application and Acceptance to Support Clean Farm Families

BACKGROUND INFORMATION: Fund for Lake Michigan has been a continued advocate and partner for the successful work the Milwaukee River Watershed, Clean Farm Families group has accomplished. For calendar year 2025, with your approval, we are applying for $50,000.

The Land & Water Management Department serves as the fiscal recipient and collaborator for the Milwaukee River Watershed Clean Farm Families, a farmer-led group.

ANALYSIS: Funds will be used to support field days, soil health workshops, demonstration plots, conservation practice incentives and other items to promote soil health. Grant requires a 1:1 match. The match funds are provided by other grant sources such as DATCP Producer-Led Protection grant, Conservation Innovation Grant Contract, The Nature Conservancy, Ozaukee County Approved Budget allocation and Staff In-Kind work.

FISCAL IMPACT: $50,000

FUNDING SOURCE: Fund for Lake Michigan

County Levy: $0 Non-County Levy: $50,000

Indicate source: Fund for Lake Michigan

RECOMMENDED MOTION: Approval and Acceptance of the Fund for Lake Michigan 2025 grant in support of the Clean Farm Families.

ATTACHMENTS:

- Project Summary 2025 (DOCX)

NATURAL RESOURCES COMMITTEE

Fund for Lake Michigan
Clearly making a deep impact.

At the Global Water Center
247 W. Freshwater Way, Suite 210, Milwaukee, WI 53204
414-418-5008 | fundforlakemichigan.org

1. Name of Organization	2. Project Title:
Milwaukee River Watershed Clean Farm Families	Clean Farm Families- Prioritizing the Conservation and Protection of Soil Health and Water Quality

3. Brief Summary of the Project: *Please include: 1) the problem the project intends to address, 2) the activities your organization will conduct for this project, and 3) the outcomes you hope to achieve for water quality. Your summary should fit in this box.* ***Please note that this document will be shared directly with the trustees of the Fund for Lake Michigan****.*

1. According to the National Water Quality Assessment, agricultural runoff is the leading cause of water quality impacts to rivers and streams, the third leading source for lakes, and the second largest source for impairments to wetlands (source here). Because the United States has more than 895 million acres of agricultural land, farmers need to be doing their part in reducing contaminated agricultural runoff to help improve water quality (source here). Fortunately, there has been a large growth in the number of producer-led watershed groups throughout Wisconsin whose primary goal is to address shared concerns and improve soil health and water quality. One of these groups is the Milwaukee River Watershed Clean Farm Families (CFF). We are a 10-board member group that began in 2016 and has been continuing our conservation efforts ever since. There are many different soil health practices farmers can be implementing to meet the water quality needs.

2. The CFF understands the importance of extending their knowledge about conservation farming and soil health practices to the rest of the community and they share this information via many activities, including education and outreach, our incentive program, farming equipment rentals, and our soil health demonstration plot. In order to get other farmers involved in this soil health movement, it is critical to spread the knowledge we have to others in the community. This is achieved through holding workshops, field days, pop-up days, and social media. The CFF holds 4-6 events throughout the year with hopes of getting new farmers in the community involved. Other ways we involve more farmers is through our soil health incentives program and our rental equipment. Both of these provide farmers the opportunity to try practices that they may not otherwise have the financial capacity to try. Our incentive program provides payment for the following practices: no-till, cover crops, low disturbance manure application, harvestable buffers, planting green, establishing grazing, equipment conversions to no-tillage systems, nutrient testing and pollinator/native seeding. The equipment available for rent includes a no-till drill that converts to an interseeder, an airflow seeder, and a roller crimper; all of these reduce the amount of tillage occurring on farm fields. And finally, we have a soil health demonstration plot. This plot compares conventional tillage vs. no-till with cover crops. Each year we hold plot day at this location to demonstrate to the public the research we've done on-site that shows the benefits to conservation farming.

3. At the end of the day, all of these efforts need to show proven success in achieving improved water quality. The CFF has a number of outcomes it hopes to achieve through our project. The first outcome is an increase in the number of members and acres involved with the group year after year. This is tracked via our incentive contract and surveys collected at the end of each year. This survey will provide us not only the number of acres incentivized by the CFF incentive program, but also the number of conservation acres being implemented even without funding. Also, as we continue to hold events, we record the number of attendees and make note of any new attendees that we may not have seen yet at previous events. Even one new farmer shows the impact we are having in our community. New this year we had staff create NDTI maps to see if/how much tilled acres has fallen throughout the years. We are happy to show an increase in the number of fields throughout the County that do not have tillage since before starting this group.

Attachment: Project Summary 2025 (Fund for Lake Michigan Grant 2025 Application and Acceptance)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Land and Water Management**
DIRECTOR: **Katie Vogeler**
PREPARER: **Katie Vogeler**

Agenda Summary The Nature Conservancy Grant 2025 Application and Acceptance for the Clean Farm Families

BACKGROUND INFORMATION: Request for approval and acceptance of a grant from The Nature Conservancy in support of the Milwaukee River Watershed Clean Farm Families group. This is a new partner we are applying with as they search to partner with Producer Led groups like ours, to create special and innovative conservation practices. This is a supplemental grant to the DATCP PLW grant. For calendar year 2025, with your approval, we are applying for $10,000.

The Land & Water Management Department serves as the fiscal recipient and collaborator for the Milwaukee River Watershed Clean Farm Families, a farmer-led group.

ANALYSIS: Funds will be used to support field days, soil health workshops, demonstration plots, and new innovative conservation practice incentives, such as manure education and composting, to promote soil health. Grant does not require a 1:1 match. It requires the grant recipient be a Producer Led Group. Other grant sources such as Fund for Lake Michigan, Conservation Innovation Grant Contract, DATCP PLW, Ozaukee County Approved Budget allocation and Staff In-Kind work, support the Clean Farm Families.

FISCAL IMPACT: $10,000

FUNDING SOURCE: The Nature Conservancy

County Levy: $0 Non-County Levy: $10,000

Indicate source: The Nature Conservancy

RECOMMENDED MOTION: Approval and Acceptance of The Nature Conservancy 2025 Grant in support of the Clean Farm Families.

ATTACHMENTS:

- TNC Grant App 2025 (DOCX)

NATURAL RESOURCES COMMITTEE

2025 CONSERVATION INNOVATION CHALLENGE GRANT

PRODUCER-LED WATERSHED GROUP:_Milwaukee River Watershed Clean Farm Families (CFF)

MAILING ADDRESS:_121 W. Main Street, P.O. Box 994, Port Washington, WI 53074

WATERSHED NAME and HUC NUMBER(S):

LEAD CONTACT NAME: Sarah Kempen EMAIL: skempen@ozaukeecounty.gov PHONE NUMBER: 414-628-1092

ROLE IN THE GROUP ( ) MEMBER (X) COLLABORATOR

IF A COLLABORATOR, PLEASE NAME YOUR ORGANIZATION AND RELATIONSHIP WITH THE GROUP: Ozaukee County, collaborator

LEAD FARMER NAME: Mike Paulus

NUMBERS OF TOTAL MEMBERS IN THE GROUP: 86

AVERAGE ANNUAL GROWTH OF THE GROUP OVER THE MOST RECENT 3 YEARS: 40.95%

YEAR THE GROUP WAS ESTABLISHED:_2016

GRANT AMOUNT REQUESTED? (BETWEEN $5,000 AND $10,000) $10,000

PLEASE INCLUDE ALL PRACTICES YOUR GROUP PLANS TO OFFER AS PART OF THE COST-SHARE PROGRAM IN 2025. A PRODUCER LED-WATERSHED GROUP CAN OFFER ONE OR MORE AGRICULTURAL CONSERVATION PRACTICES INCENTIVES FOR MEMBERS AND NON-MEMBERS.

PRACTICE (E.G.,RIPARIAN BUFFER, PLANTING GREEN, MULTI-SPECIES COVER CROP, ETC.)	TARGET AUDIENCE FOR THIS PRACTICE (E.G., FARMERS TRYING CONSERVATION PRACTICES FOR THE FIRST TIME, BEGINNING FARMERS, ETC.)	INCENTIVE PAYMENT ($) OFFERED PER ACRE/PER UNIT	MAXIMUM PAYMENT PER FARMER ($)	TOTAL REQUESTED FOR PRACTICE ($)
Planting Green	Beginning farmers	$35/ac	$2,000	$2,000
Multi-species cover crops via interseeding	Beginning farmers	1st year- $35/ac 2nd and 3rd year- $45/ac	$2,000	$2,000
Low Disturbance Manure Injection	Beginning farmers	$25/ac	$2,000	$2,000
Bare Ground Initiative, including but not limited to, native or pollinator seeding	Beginning farmers	Up to $2,000 stipend	$2,000	$2,000
Manure Management/Composting	Beginning farmers	Up to $2,000 stipend	$2,000	$2,000
			TOTAL FUNDING REQUESTED:	$10,000

LIST THE PLANNED OUTREACH EVENTS FOR 2025 TO SHOWCASE THE FARMERS' EFFORTS IN IMPLEMENTING CONSERVATION PRACTICES.

Attachment: TNC Grant App 2025 (The Nature Conservancy Grant 2025 Application and Acceptance)

OUTREACH EVENT (E.G., FIELD DAY, WORKSHOP, DEMONSTRATION, ETC.)	TARGET DATE	TOPICS PLANNED
Soil Health Workshop	February 2025	This year's speaker will likely be Lance Gunderson, president of Regen Ag Lab and a well-known promotor of soil health testing and soil health fertility. These would be the focus topics for the workshop.
Soil Health Academy	March 2025	A classroom style lecture for intermediate soil health implementers that will be taught about soil health. There will be two days, one for dairy and one for grain.
Soil Health Demonstration Plot Day on Hwy 57	June 2025	Yield results in no-till vs. conventional plots to determine net profit and benefits of soil health. Hoping to show "Soil Your Undies" comparison, nutrient stratification testing results, and rain simulation tests results from Dennis Busch (CIG).
Farmer to Farmer Social Cookout	July 2025	Joint gathering with Cedar Creek Farmers. Will bring in one speaker (topic TBD) to discuss soil health and remaining time will be for farmers to socialize about soil health.
Families Behind the Farm	August 2025	This is a gathering geared towards wives and children involved in the farming operations. This year's goal is to have more of an open conversation; asking them what information they wish they had or would get from conservation professionals.
Homesteading Tour	September 2025	Plans to visit a local farm to learn about the physical, mental and financial aspects involved in the conservation practices they implement.

WHY SHOULD YOUR GROUP RECEIVE THIS AWARD?

Although the Clean Farm Families has been a group for a number of years, their dedication to improving soil health and water quality has not waivered. The current members continue to take interest in learning new ways of how they can better improve the system they have going for them. The new members appreciate all of the resources provided to them as they begin their soil health journey. None of this would be possible without the help of federal and state agencies continuing to help these producer-led groups succeed. They provide not only monetary incentives to help farmers that may otherwise be unable to afford trying these practices, but also knowledge from other conservation professionals that help farmers and collaborators with improving the success of the groups. The Clean Farm Families continues to work hard to extend the growth of conservation farming throughout the County and to better themselves for the benefit of their farms and our local waterbodies. Receiving this award would allow them to expand their efforts to even more farmers in the community via continued monetary incentives, funds to hosts community outreach events informing the public about the importance of soil health and water quality, and connections/partnerships to other producer-led groups and conservation professionals throughout the state.

IF YOUR PRODUCER-LED WATERSHED GROUP RECEIVED THIS AWARD LAST YEAR, PLEASE DESCRIBE WHAT WAS LEARNED FROM THE PREVIOUS AWARD AND HOW THIS APPLICATION WILL BUILD ON AND EXPAND PREVIOUS WORK.

There was a significant amount of excitement from the group when they heard there was a supplemental grant opportunity available to the original DATCP PLW grant they have received in previous years. Due to the decrease in available funds through DATCP PLW, the group worried we may not be able to reach as many farmers as previous years. The grants and their worth that these producer-led groups receive cannot be understated; they continue to afford the farming community opportunities to improve their farming practices that they may not otherwise be able to afford. The

Attachment: TNC Grant App 2025 (The Nature Conservancy Grant 2025 Application and Acceptance)

Clean Farm Families membership has continued to grow year after year and this is because of the funds awarded, including TNC grant.

Last year's application includes proposed practice funds for planting green, multi-species cover crops via interseeding, low disturbance manure injection, native/pollinator seeding, and manure management/composting. These innovative practices provided us the opportunity to reach new farmers that our original/typical practices would not have. Planting green and interseeding can be scary practices to pursue due to the possibility of the cover crop negatively impacting the cash crop grown behind/with it. With this supplemental funding, it has allowed farmers to feel more confident in attempting this practice and how its application best fits in their operation. Native and pollinator seedings has brought in new farmers in the area that maybe who's focus isn't typical corn-soybean farming; and these planting are equally as important due to the pollinator species they bring in that help improve the entire farming community. It also helped us appreciate the cost this type of seeding can be and how we can better incentive with this practice. Same goes for manure management/composting: our hope for this innovative practice was to reach out to horse farmers in the community who are not our typical membership.

This application will help build on and expand previous work because it will continue to push the group to expand their outreach efforts past our typical membership and to promote newer practices that farmers may not know or normally be comfortable with trying. A community is a group of people living in the same place or having a particular characteristic in common. Being approved for this grant would continue to provide us the opportunity to bring our community together with the same goal of improving soil health and water quality.

2025 Conservation Innovation Challenge Grant

Grant Purpose: The Nature Conservancy (TNC) in Wisconsin is pleased to offer competitive grants ranging from $5,000 to $10,000 to producer-led watershed groups established and located within Wisconsin borders. The purpose of these funds are to support unique and innovative cost-share programs focused on the implementation of agricultural conservation practices in 2025 that can improve soil health and water quality and contribute to climate change mitigation.

This award is intended to supplement the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP) farmer-led group grant if the group receives an award for the 2025 cycle.

Examples of unique and innovative cost-share programs include but are not limited to:

- Incentivize members to implement edge of field (e.g., riparian buffers) and perennial practices (e.g., agroforestry, silvopasture, prairie strips) that are designed to reduce surface and subsurface runoff from farm fields
- Incentivize members that are already planting single-species cover crops in the fall to introduce new elements, such as planting multi-species cover crops, interseeding cover crops into cash crops, or planting green
- Incentivize members to add one or more crops to their rotation
- Use of equipment-sharing techniques to advance the adoption of conservation practices by members
- Incentivize members to adopt new nutrient management practices

Eligibility: All WI producer-led watershed groups established and located within Wisconsin borders are eligible to compete for this grant, regardless of previously receiving a producer-led grant award.

Attachment: TNC Grant App 2025 (The Nature Conservancy Grant 2025 Application and Acceptance)

Ranking Criteria: While all producer-led watershed groups are invited to eligible, priority will be given to applicants based on the following criteria:

1. Design and implementation of a cost-share program that is unique and innovative (please see above)

2. Groups established within the last five years

3. Groups with 20 or fewer members 4. Groups with demonstrated membership growth of +50% in the past 3 years

Note: We are looking primarily for creativity; ALL Producers-led watershed groups should consider applying for the grant.

Attachment: TNC Grant App 2025 (The Nature Conservancy Grant 2025 Application and Acceptance)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Land and Water Management**
DIRECTOR: **Katie Vogeler**
PREPARER: **Katie Vogeler**

Agenda Summary Non-Metallic Mining Ordinance update discussion

BACKGROUND INFORMATION: A formal Audit took place on July 23rd, 2024 by the WI DNR NMM Reclamation Coordinator, Roberta Walls, and LWM Staff. The final Audit report (attachment 1) was returned with the following tasks to bring our NMM Program into compliance: Update Ordinance language, update fees to bring program into balance of expenses and revenue per DNR Program guidelines, and add financial assurance checks to internal annual review of mining sites.

Attachments:

1. Audit Report identifying the changes requested by the DNR.

2. Draft summary of NMM Ordinance changes.

3. Draft of the NMM Ordinance with requested changes shown.

4. Financial Audit worksheet of LWM expenses and revenues since 2012, resulting in a $2,741 deficit.

5. Fee comparison for County retained portion of fees.

LWM ANALYSIS: LWM Supports the DNR guidelines requested found in the Audit.

FISCAL IMPACT: Increase fees retained by the County, collected from NMM sites to offset Department expenses, following DNR guidelines.

With direction of this discussion, next NRC meeting, LWM would make the appropriate public hearing postings and move these items to action.

ATTACHMENTS:

- 2024 Audit Report Ozukee Co (PDF)
- Chapter XI - Draft Summary (PDF)
- CHAPTER XI - Draft (PDF)
- Financials Audit 2024 (DOCX)
- NMM REVENUES AND EXPENSE TO STATE FEE 6-26-2024 (PDF)
- Non Metallic Mining Annual Fees Comparison (PDF)

NATURAL RESOURCES COMMITTEE

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
3550 Mormon Coulee Rd
La Crosse, WI 54601

Tony Evers, Governor
Telephone 608-785-9000
FAX 608-785-9990
TTY Access via relay - 711

August 8, 2024

Barry Sullivan
Ozaukee County Sanitation and Zoning Specialist
121 W. Main Street
Port Washington, WI 53074

Subject: Performance Review Audit of Ozaukee County (55-089-00000) NR 135 Reclamation Program

I want to thank you for your cooperation on July 23, 2024, for a performance audit of your reclamation program. This report is to summarize the findings of the audit and materials provided. Currently your program is administered by the Ozaukee County Land and Water Management Department.

As required in ch. NR 135.47, Wis. Adm. Code, the Department must periodically review the nonmetallic mining program of each regulatory authority.

The intent of the audit process is to:

- Assess the administration of the reclamation program for compliance in accordance with WI Statute 295 Subchapter I and WI Adm Code NR135.
- Gather and verify information on program administration.
- Provide technical assistance.
- Learn about any challenges and concerns you might have.

An audit review worksheet is provided (attached). Included with this report is a summary of compliance and a table of recommendations and actions required following the review.

As part of the performance audit, field inspections were conducted to evaluate your inspection process and answer questions you have regarding implementation of the program. This is included in your audit review worksheet.

Review of Annual Reports

Information provided by the annual reports submitted since your last audit was provided as a summary on July 23, 2024. Trends from the summary show the following:

- The number of permitted sites decreased by 2 mines
- The area subject to mining decreased by 37 acres
- The combined area released and waiting release was 137 acres

Review Summary

24 categories within the reclamation program were reviewed and pursuant to NR 135.47 (4), written determination, the following summary provides compliance status:

- 15 categories are compliant with NR135:
  - Reclamation plan review
  - Permit application

Attachment: 2024 Audit Report Ozukee Co (Non-Metallic Mining Ordinance update discussion)

  - Public notice and hearing
  - Permit issuance
  - Denial of application
  - Permit transfer
  - Fee collection
  - Forwarding DNR fee portion
  - Conducting inspections
  - Enforcement actions
  - Complaints
  - Determining financial assurance amount
  - Reclamation success and release
  - Alternative requirements
  - Changes to program
- 6 categories are compliant but risk in the process or method may lead to non-compliance. Recommendations are provided to reduce risk and maintain compliance:
  - Reclamation plan content
  - Automatic and expedited permits
  - Modifications
  - Permit duration
  - Operator annual report
  - On-site review
- 3 Categories are considered non-compliant. Required actions are provided:
  - Ordinance
  - Maintenance of records (financial assurance)
  - Reasonableness of fees

Required Actions

Actions to be completed to be compliant in NR135 requirements.

NR135/Ordinance Reference	Corrective Action Required	Date to Complete Corrective Action
Ordinance	Ozaukee County will need to amend the Non-Metallic Mining Ordinance to be consistent with and neither more nor less restrictive than NR135 WI Adm Code.	Date: 02/28/2025
Maintenance of records (financial assurance)	Develop a method to ensure no site is operating without financial assurance. Ensure certificates provide 90-day notification prior to cancellation, provide language for automatic renewal and any interest accrued from a cash deposit is returned to the operator.	Date: 12/31/2024
Reasonableness of fees	Ensure the county administers a balanced program based on nonmetallic reclamation related administration costs. Provide justification for the deficit and planned corrective actions to balance the revenue to expenses.	Date: 12/31/2024

For each category listed in the action table above, please develop a plan as to how you will meet the requirements and submit to me for review.

Attachment: 2024 Audit Report Ozukee Co (Non-Metallic Mining Ordinance update discussion)

Thank you for your time and cooperation during the DNR performance audit of the Ozaukee County Nonmetallic Mining Reclamation Program. It has been a pleasure working with you. If you have questions or concerns, feel free to contact me at (608) 797-8510 or Roberta.Walls@Wisconsin.gov

Sincerely,

Roberta Walls
Non-Metallic Mining Coordinator
Wisconsin Department of Natural Resources

cc: Kyle McLaughlin, Section Manager – Integration Services

Attachments: Auditor Review Worksheet

Attachment: 2024 Audit Report Ozukee Co (Non-Metallic Mining Ordinance update discussion)

OZAUKEE COUNTY
LAND AND WATER MANAGEMENT

Katie Vogeler, Director
Edward J. Pfister, Sanitation & Zoning Coordinator
Geoff Schramm, Land & Water Coordinator
www.co.ozaukee.wi.us

Summary of Proposed Ordinance Changes

1) Section 11.019 (page 11-3) – Effective Date – Change from April 26, 2007 to new date of adopted changes by County Board (December 4, 2024)

2) Section 11.020 (page 11-3) – Definitions – (2) "Applicable reclamation ordinance" – change subsection (20) (b) 3 to subsection (20) (c)

3) Section 11.020 (page 11-4) -Definitions – (15) "Nonmetallic mining refuse" – remove language – not in NR 135 Administrative Code.

4) Section 11.021 (page11-8) - (4) (a) – Removal – remove language – not in NR 135 Administrative Code.

5) Section 11.021 (page 11-8) – (5) (a) – amend Section "13" to "11.04" – this to reflect the correct section number.

6) Section 11.041 (page 11-11) – (2) correct language from "Post – Mining Land Use" to "Site Information" – this is to follow NR 135 Administrative language.

7) Section 11.041 (page 11-12) – (3) (b) – amend language to reflect NR 135 Administrative Code language.

8) Section 11.041 (page 11-13) – (6) – add the word "or" to match NR 135 Administrative Code language.

9) Section 11.08 (page 11-20) – (1) (b) – change "comma (,)" to a "period (.)" after word Statutes to match NR 135 Administrative Code language.

10) Section 11.183 (page 11-29) – Table 2 – amend Annual fee amounts upward – this is to cover Department's administrative costs. The program is to pay for itself. No part of the program is to be funded by taxpayers per NR 135 Administrative Code.

11) Section 11.201 (page 11-31) – correct the language to match NR 135 Administrative Code language.

Attachment: Chapter XI - Draft Summary (Non-Metallic Mining Ordinance update discussion)

CHAPTER XI

NONMETALLIC MINING RECLAMATION

11.01 NONMETALLIC MINING RECLAMATION FOR OZAUKEE COUNTY

11.011 **Purpose.** The purpose of this chapter is to establish a local program to ensure the effective reclamation of nonmetallic mining sites on which nonmetallic mining takes place in Ozaukee County after the effective date of this chapter, in compliance with Chapter NR 135, Wisconsin Administrative Code and Subchapter I of Chapter 295, Wisconsin Statutes.

11.012 **Statutory Authority.** This chapter is adopted under authority of Section 295.13 (1), Wisconsin Statutes, Section NR 135.32, Wisconsin Administrative Code and Section 59.51, Wisconsin Statutes.

11.013 **Restrictions Adopted Under Other Authority.** The purpose of this chapter is to adopt and implement the uniform statewide standards for nonmetallic mining required by Section 295.12 (1)(a), Wisconsin Statutes, and contained in Chapter NR 135, Wisconsin Administrative Code. It is not intended that this chapter repeal, abrogate, annul, impair or interfere with any existing rules, regulation, ordinances or permits not concerning nonmetallic mining reclamation previously adopted pursuant to other Wisconsin law.

11.014 **Interpretation.** In their interpretation and application, the provisions of this chapter shall be held to be the applicable requirements for nonmetallic mining reclamation and shall not be deemed a limitation or repeal of any other power granted by the Wisconsin Statutes outside the reclamation requirements for nonmetallic mining sites required by subchapter I of Chapter 295, Wisconsin Statutes and Chapter NR 135, Wisconsin Administrative Code. Where any terms or requirements of this chapter may be inconsistent or conflicting, the more restrictive requirements or interpretation shall apply. Where a provision of this chapter is required by Wisconsin Statutes, or by a standard in Chapter NR 135, Wisconsin Administrative Code, and where the provision is unclear, the provision shall be interpreted to be consistent with the Wisconsin Statutes and the provisions of Chapter NR 135, Wisconsin Administrative Code.

11.015 **Severability.** Should any portion of this chapter be declared unconstitutional or invalid by a court of competent jurisdiction, the remainder of this chapter shall not be affected.

11.016 **Overall Applicability.** The requirements of this chapter apply to all operators of nonmetallic mining sites within Ozaukee County except as exempted in subsection 11.017 and for nonmetallic mining sites located in a city, village or town within Ozaukee County that has adopted an ordinance pursuant to Section 295.14, Wisconsin Statutes, and Section NR 135.32 (2), Wisconsin Administrative Code. This chapter does not apply to nonmetallic mining sites where nonmetallic mining permanently ceased before August 1, 2001. This chapter applies to nonmetallic mining conducted by or on behalf of a county, municipality or for the benefit or use of the state or any state agency, board,

Attachment: CHAPTER XI - Draft (Non-Metallic Mining Ordinance update discussion)

commission or department, except for the waiver of financial assurance in subsection 11.054.

11.017 **Exemptions.** This chapter does not apply to the following activities:

(1) Nonmetallic mining at a site or that portion of a site that is subject to permit and reclamation requirements of the Wisconsin Department of Natural Resources under Sections 30.19, 30.195 or 30.20, Wisconsin Statutes, and complies with Chapter NR 340, Wisconsin Administrative Code.

(2) Excavations subject to the permit and reclamation requirements of Sections 30.30 or 30.31, Wisconsin Statutes,

(3) Excavations or grading by a person solely for domestic or farm use at that person's residence or farm.

(4) Excavations or grading conducted for the construction, reconstruction, maintenance or repair of a highway, railroad, airport facility, or any other transportation facility where the excavation or grading is entirely within the property boundaries of the transportation facility.

(5) Grading conducted for preparing a construction site or restoring land following a flood or natural disaster.

(6) Excavations for building construction purposes conducted on the building site.

(7) Nonmetallic mining at nonmetallic mining sites where less than one acre of total affected acreage occurs over the life of the mine.

(8) Any mining operation, the reclamation of which is required in a permit obtained under Chapter 293, Wisconsin Statutes,

(9) Any activities required to prepare, operate or close a solid waste disposal facility under Chapter 289, Wisconsin Statutes, or a hazardous waste disposal facility under Chapter 291, Wisconsin Statutes, that are conducted on the property where the facility is located, but an applicable nonmetallic mining reclamation ordinance and the standards established in this chapter apply to activities related to solid waste or hazardous waste disposal that are conducted at a nonmetallic mining site that is not on the property where the solid waste or hazardous waste disposal facility is located, such as activities to obtain nonmetallic minerals to be used for lining, capping, covering or constructing berms, dikes or roads.

(10) (a) Nonmetallic mining conducted to obtain stone, soil, sand or gravel for construction, reconstruction, maintenance or repair of a highway, railroad, airport, or any other transportation facility or part thereof, if the nonmetallic mining is subject to the requirements of the Wisconsin Department of Transportation concerning the restoration of the nonmetallic mining site.

(b) This exemption only applies to a nonmetallic mining operation with limited purpose and duration where the Wisconsin Department of Transportation actively imposes reclamation requirements and the operator reclaims the nonmetallic mining site in accordance with these requirements The duration of the exemption shall be specific to the length of the Wisconsin Department of Transportation contract for construction of a specific transportation project.

Attachment: CHAPTER XI - Draft (Non-Metallic Mining Ordinance update discussion)

(c) If a nonmetallic mining site covered under subsections (a) and (b) is used to concurrently supply materials for projects unrelated to the Wisconsin Department of Transportation project, the exemption in this paragraph still applies, provided that the site is fully reclaimed under Wisconsin Department of Transportation contract and supervision.

(11) Dredging for navigational purposes, to construct or maintain farm drainage ditches and for the remediation of environmental contamination and the disposal of spoils from these activities.

(12) Removal of material from the bed of Lake Michigan or Lake Superior by a public utility pursuant to a permit under Section 30.21, Wisconsin Statutes,

11.018 **Administration.** The provisions of this chapter shall be administered by the Ozaukee County Department of Land and Water Management.

11.019 **Effective Date.** The provisions of this chapter shall take effect on ~~April 26, 2007~~ (New effective date upon adoption).

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11.020 **Definitions**

(1) **"Alternative requirement"** means an alternative to the reclamation standards of this chapter provided through a written authorization granted by the County of Ozaukee pursuant to Section 11.09.

(2) **"Applicable reclamation ordinance"** means a nonmetallic mining reclamation ordinance, including this chapter, that applies to a particular nonmetallic mining site and complies with the requirements of this Chapter NR 135, Wisconsin Administrative Code and subchapter I of Chapter 295, Wisconsin Statutes, unless the Wisconsin Department of Natural Resources is the regulatory authority as defined in subsection (20) ~~(b) 3~~ (c). If the Wisconsin Department of Natural Resources is the regulatory authority, "applicable reclamation ordinance" means the relevant and applicable provisions of Chapter NR 135, Wisconsin Administrative Code.

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(3) **"Borrow site"** means an area outside of a transportation project site from which stone, soil, sand or gravel is excavated for use at the project site, except the term does not include commercial sources.

(4) **"Contemporaneous reclamation"** means the sequential or progressive reclamation of portions of the nonmetallic mining site affected by mining operations that is performed in advance of final site reclamation, but which may or may not be final reclamation, performed to minimize the area exposed to erosion, at any one time, by nonmetallic mining activities.

(5) **"Department"** means the Wisconsin Department of Natural Resources

(6) **"Environmental pollution"** has the meaning in Section 295.11 (2), Wisconsin Statutes.

(7) **"Financial assurance"** means a commitment of funds or resources by an operator to a regulatory authority that satisfies the requirements in Section 11.05 and is sufficient to pay for reclamation activities required by this chapter.

(8) **"Highwall"** means a vertical or nearly vertical face in solid rock or a slope of consolidated or unconsolidated material that exceeds 3:1.

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(9) **"Landowner"** means the person who has title to land in fee simple or who holds a land contract for the land. A landowner is not a person who owns nonmetallic mineral rights to land, if a different person possesses title to that land in fee simple or holds a land contract for that land.

(10) **"Licensed professional geologist"** means a person who is licensed as a professional geologist pursuant to Chapter 470, Wisconsin Statutes.

(11) **"Municipality"** means any city, town, or village.

(12) **"Nonmetallic mineral"** means a product, commodity or material consisting principally of naturally occurring, organic or inorganic, nonmetallic, nonrenew- able material. Nonmetallic minerals include, but are not limited to, stone, sand, gravel, asbestos, beryl, diamond, clay, coal, feldspar, peat, talc and topsoil.

(13) **"Nonmetallic mining" or "mining"** means all of following:

(a) Operations or activities at a nonmetallic mining site for the extraction from the earth of mineral aggregates or nonmetallic minerals for sale or use by the operator. Nonmetallic mining includes use of mining equipment or techniques to remove materials from the in-place nonmetallic mineral deposit, including drilling and blasting, as well as associated activities such as excavation, grading and dredging. Nonmetallic mining does not include removal from the earth of products or commodities that contain only minor or incidental amounts of nonmetallic minerals, such as commercial sod, agricultural crops, ornamental or garden plants, forest products, Christmas trees or plant nursery stock.

(b) Processes carried out at a nonmetallic mining site that are related to the preparation or processing of the mineral aggregates or nonmetallic minerals obtained from the nonmetallic mining site. These processes include, but are not limited to stockpiling of materials, blending mineral aggregates or nonmetallic minerals with other mineral aggregates or nonmetallic minerals, blasting, grading, crushing, screening, scalping and dewatering.

(14) **"Nonmetallic mining reclamation" or "reclamation"** means the rehabilitation of a nonmetallic mining site to achieve a land use specified in a nonmetallic mining reclamation plan approved under this chapter, including removal or reuse of nonmetallic mining refuse, grading of the nonmetallic mining site, removal, storage and replacement of topsoil, stabilization of soil conditions, reestablishment of vegetative cover, control of surface water and groundwater, prevention of environmental pollution and if practicable the restoration of plant, fish and wildlife habitat.

(15) **"Nonmetallic mining refuse"** means waste soil, rock and mineral, as well as other natural site material resulting from nonmetallic mining. Nonmetallic mining refuse does not include marketable by-products resulting directly from or displaced by the nonmetallic mining. ~~that are scheduled to be removed from the nonmetallic mining site within a reasonable period of time after extraction.~~

(16) **"Nonmetallic mining site" or "site"** means all contiguous areas of present or proposed mining described in subparagraph (a), subject to the qualifications in subparagraph (b).

(a) **Nonmetallic mining site means the following:**

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1. The location where nonmetallic mining is proposed or conducted.

2. Storage and processing areas that are in or contiguous to areas excavated for nonmetallic mining.

3. Areas where nonmetallic mining refuse is deposited.

4. Areas affected by activities such as the construction or improvement of private roads or haulage ways for nonmetallic mining.

5. Areas where grading or regrading is necessary.

6. Areas where nonmetallic mining reclamation activities are carried out or structures needed for nonmetallic mining reclamation, such as topsoil stockpile areas, revegetation test plots, or channels for surface water diversion, are located.

(b) **"Nonmetallic mine site" does not include any of the following areas:**

1. Those portions of sites listed in subparagraph (a) not used for nonmetallic mining or purposes related to nonmetallic mining after August 1, 2001.

2. Separate, previously mined areas that are not used for nonmetallic mineral extraction after August 1, 2001 and are not contiguous to mine sites, including separate areas that are connected to active mine sites by public or private roads.

3. Areas previously mined but used after August 1, 2001 for a non-mining activity, such as stockpiles of materials used for an industrial process unrelated to nonmetallic mining.

(17) **"Operator"** means any person who is engaged in, or who has applied for a permit to engage in, nonmetallic mining, whether individually, jointly or through subsidiaries, agents, employees, contractors or subcontractors.

(18) **"Person"** means an individual, owner, operator, corporation, limited liability company, partnership, association, county, municipality, interstate agency, state agency or federal agency.

(19) **"Registered professional engineer"** means a person who is registered as a professional engineer pursuant to Sections 443.04, Wisconsin Statutes,

(20) **"Regulatory authority"** means one the following:

1. The county in which the nonmetallic mining site is located, that has an applicable reclamation ordinance under s. 295.13, Wisconsin Statutes, except where a municipality has adopted an applicable reclamation ordinance pursuant to subparagraph 2.

2. The municipality in which the nonmetallic mining site is located and which has adopted an applicable reclamation ordinance under Section 295.14, Wisconsin Statutes.

3. The Wisconsin Department of Natural Resources, in cases where a county mining reclamation program is no longer in effect under Section 295.14 Wisconsin Statutes, but only if there is no applicable reclamation ordinance enacted by the municipality in which the nonmetallic mining site is located.

(21) **"Replacement of topsoil"** means the replacement or redistribution of topsoil or topsoil substitute material to all areas where topsoil was actually removed or affected by nonmetallic for the purposes of providing adequate vegetative cover and stabilization of soil conditions needed to achieve the approved post-mining land use and as required by the reclamation plan approved pursuant to this chapter.

(22) **"Solid waste"** means any garbage, refuse, sludge from a waste treatment plant, water supply treatment plant or air pollution control facility and other discarded or salvageable materials, including solid, liquid, semisolid or contained gaseous materials resulting from industrial, commercial, mining and agricultural operations, and from community activities, but does not include solids or dissolved material in domestic sewage, or solid or dissolved materials in irrigation return flows or industrial discharges which are point sources subject to permits under Chapter 283, Wisconsin Statutes, or source material, special nuclear material or by-product material, as defined in Section 254.31 (1), Wisconsin Statutes,

(23) **"Topsoil"** means the surface layer of soil which is generally more fertile than the underlying soil layers, which is the natural medium for plant growth and which can provide the plant growth, soil stability and other attributes necessary to meet the success standards approved in the reclamation plan.

(24) **"Topsoil substitute material"** means soil or other unconsolidated material either used alone or mixed with other beneficial materials and which can provide the plant growth, site stability and other attributes necessary to meet the success standards approved in the reclamation plan.

(25) (a) **"Unreclaimed acre" or "unreclaimed acres"** means those unreclaimed areas in which nonmetallic mining has occurred after August 1, 2001 and areas where nonmetallic mining reclamation has been completed but is not yet certified as reclaimed under subsection 11.203. However, the term does not include any areas described in subparagraph (b).

(b) **"Unreclaimed acre" or "unreclaimed acres" does not include:**

1. Those areas where reclamation has been completed and certified as reclaimed under subsection 11.203.

2. Those areas previously affected by nonmetallic mining but which are not used for nonmetallic mining after August 1, 2001.

3. Those portions of nonmetallic mining sites which are included in a nonmetallic mining reclamation plan approved pursuant to this chapter but are not yet affected by nonmetallic mining.

4. Areas previously mined but used after August 1, 2001 for a non-mining activity, such as stockpiling of materials used for an industrial activity such as an asphalt plant, concrete batch plant, block and tile operation or other industry that uses products produced from nonmetallic mining.

5. For purposes of fees under Section 11.18, those areas within a nonmetallic mining site which the County of Ozaukee has determined to

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have been successfully reclaimed on an interim basis in accordance with subsection 11.203.

11.021 **Standards.** All nonmetallic mining sites subject to this chapter shall be reclaimed in conformance with the standards contained below.

(1) General Standards.

(a) Refuse and Other Solid Wastes. Nonmetallic mining refuse shall be reused in accordance with a reclamation plan. Other solid wastes shall be disposed of in accordance with applicable rules of the Wisconsin Department of Natural Resources adopted pursuant to Chapters 289 and 291, Wisconsin Statutes,

(b) Area Disturbed and Contemporaneous Reclamation. Nonmetallic mining reclamation shall be conducted, to the extent practicable, to minimize the area disturbed by nonmetallic mining and to provide for nonmetallic mining reclamation of portions of the nonmetallic mining site while nonmetallic mining continues on other portions of the nonmetallic mining site.

(c) Public Health, Safety and Welfare. All nonmetallic mining sites shall be reclaimed in a manner so as to comply with federal, state and local regulations governing public health, safety and welfare.

(d) Habitat Restoration. When the land use required by the reclamation plan approved pursuant to this chapter requires plant, fish or wildlife habitat, it shall be restored, to the extent practicable, to a condition at least as suitable as that, which existed before the lands were affected by nonmetallic mining operations.

(e) Compliance with Environmental Regulations reclamation of nonmetallic mining sites shall comply with any other applicable federal, state and local laws including those related to environmental protection, zoning and land use control.

(2) Surface Water and Wetlands Protection. Nonmetallic mining reclamation shall be conducted and completed in a manner that assures compliance with the Wisconsin Department of Natural Resources' water quality standards for surface waters and wetlands contained in Chapters NR 102 to NR 105, Wisconsin Administrative Code. Before disturbing the surface of a nonmetallic mining site and removing topsoil, all necessary measures for diversion and drainage of runoff from the site to prevent pollution of waters of the state shall be installed in accordance with the reclamation plans approved pursuant to this chapter. Diverted or channelized runoff resulting from reclamation may not adversely affect neighboring properties.

(3) Groundwater Protection.

(a) Groundwater Quantity. A nonmetallic mining site shall be reclaimed in a manner that does not cause a permanent lowering of the water table that results in adverse effects on surface waters or a significant reduction in the quantity of groundwater reasonably available for future users of groundwater.

(b) Groundwater Quality. Nonmetallic mining reclamation shall be conducted in a manner which does not cause groundwater quality standards in Chapter NR 140, Wisconsin Administrative Code to be exceeded at a point of standards application defined in that chapter.

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(4) Topsoil Management.

(a) Removal. ~~Topsoil and topsoil substitute material shall be removed, protected and redistributed to support reclamation and site stabilization.~~ Topsoil and topsoil substitute material shall be ~~managed~~ provided as specified in the reclamation plan ~~approved pursuant to this chapter~~ in order to achieve reclamation to the approved post-mining land use. ~~Topsoil~~ Removal of on-site topsoil and topsoil substitute material removal, when specified in the reclamation plan, shall be performed~~, as required by the reclamation plan,~~ prior to any mining activity associated with any specific phase of the mining operation.

(b) Volume. The operator shall obtain the volume of soil required to perform final reclamation by removal of on-site topsoil or topsoil substitute material or by obtaining topsoil or substitute material as needed to make up the volume of topsoil as specified in the reclamation plan approved pursuant to this chapter.

(c) Storage. Once removed, topsoil or topsoil substitute material shall, as required by the reclamation plan approved pursuant to this chapter, either be used in contemporaneous reclamation or stored in an environmentally acceptable manner. The location of stockpiled topsoil or topsoil substitute material shall be chosen to protect the material from erosion or further disturbance or contamination. Runoff water shall be diverted around all locations in which topsoil or topsoil substitute material is stockpiled.

(5) Final Grading and Slopes.

(a) All areas affected by mining shall be addressed in the approved reclamation plan, pursuant to Section ~~13~~ 11.04 to provide that a stable and safe condition consistent with the post-mining land use is achieved. The reclamation plan may designate highwalls or other unmined and undisturbed natural solid bedrock as stable and safe and not in need of reclamation or designate other areas affected by mining including slopes comprised of unconsolidated materials that exceed a 3:1 slope, whether or not graded, as stable and safe. For slopes designated as stable under this subsection, the regulatory authority may require that either: a site-specific engineering analysis be performed by a registered professional engineer to demonstrate that an acceptable slope stability factor is attainable at a steeper slope, or the operator perform a field test plot demonstration to demonstrate that a stable and safe condition will be achieved and that the post-mining land use specified in the reclamation plan will not be adversely affected.

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(b) Final reclaimed slopes covered by topsoil or topsoil substitute material may not be steeper than a 3:1 horizontal to vertical incline, unless found acceptable through one or more the following: alternative requirements are approved under Section 11.09, and steeper slopes are shown to be stable through a field plot demonstration approved as part of an approved reclamation plan; or stable slopes can be demonstrated based on site-specific engineering analysis performed by a registered professional engineer. All areas in the nonmetallic mine site where topsoil or topsoil substitute material is to be reapplied shall be graded or otherwise prepared prior to topsoil or topsoil substitute material redistribution to provide the optimum adherence between the topsoil or topsoil substitute material and the underlying material.

(c) When the approved post-mining land use includes a body of water, the approved final grade at the edge of a body of water shall extend vertically 6 feet

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below the lowest seasonal water level. A slope no steeper than 3:1 shall be created at a designated location or locations, depending on the size of the water body to allow for a safe exit.

(6) Topsoil Redistribution for Reclamation. Topsoil or topsoil substitute material shall be redistributed in accordance with the reclamation plan approved pursuant to this chapter in a manner, which, minimizes compaction and prevents erosion. Topsoil or topsoil substitute material shall be uniformly redistributed except where uniform redistribution is undesirable or impractical. Topsoil or topsoil substitute material redistribution may not be performed during or immediately after a precipitation event until the soils have sufficiently dried.

(7) Revegetation and Site Stabilization. Except for permanent roads or similar surfaces identified in the reclamation plan approved pursuant to this chapter, all surfaces affected by nonmetallic mining shall be reclaimed and stabilized by revegetation or other means. Revegetation and site stabilization shall be in accordance with the approved reclamation plan and shall be performed as soon as practicable after mining activity has permanently ceased in any part of the mine site.

(8) Assessing Completion of Successful reclamation.

(a) The criteria for assessing when reclamation is complete and, therefore, when the financial assurance may be released shall be specified in the reclamation plan approved pursuant to this chapter. Criteria to evaluate reclamation success shall be quantifiable.

(b) Compliance with the revegetation success standards in the approved reclamation plan shall be determined by:

1. On-site inspections by the Ozaukee County Department of Land and Water Management or its agent;

2. Reports presenting results obtained during reclamation evaluations including summarized data on revegetation, photo documentation or other evidence that the criteria approved in the reclamation plan to ascertain success have been met; or

3. A combination of inspections and reports.

(c) In those cases where the post mining land use specified in the reclamation plan requires a return of the mining site to a pre-mining condition, the operator shall obtain baseline data on the existing plant community for use in the evaluation of reclamation success pursuant to this section.

(d) Revegetation success may be determined by:

1. Comparison to an appropriate reference area;

2. Comparison to baseline data acquired at the mining site prior to its being affected by mining; or

3. Comparison to an approved alternate technical standard.

(e) Revegetation using a variety of plants indigenous to the area is favored.

(9) Intermittent Mining. Intermittent mining may be conducted provided that the possibility of intermittent cessation of operations is addressed in an operator's

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reclamation permit, no environmental pollution or erosion of sediments is occurring, and financial assurance for reclamation pursuant to Section 11.05 is maintained covering all remaining portions of the site that have been affected by nonmetallic mining and that have not been reclaimed.

(10) Maintenance. During the period of the site reclamation, after the operator has stated that reclamation is complete but prior to release of financial assurance, the operator shall perform any maintenance necessary to prevent erosion, sedimentation or environmental pollution, comply with the standards of this subchapter, or to meet the goals specified in the reclamation plan approved pursuant to this chapter.

11.03 PERMITS

11.031 **Nonmetallic Mining Reclamation Permit Application Required.** No person may engage in nonmetallic mining or in nonmetallic mining reclamation without possessing a nonmetallic mining reclamation permit issued pursuant to the applicable reclamation ordinance unless the activity is specifically exempted in subchapters 11.016, 11.017 or 11.020(16)(b).

11.032 **Required Submittal.** All operators of nonmetallic mining sites shall apply for a reclamation permit from Ozaukee County. All applications for reclamation permits under this section shall be accompanied by the following information:

(1) A brief description of the general location and nature of the nonmetallic mine.

(2) A legal description of the property on which the nonmetallic mine is located or proposed, including the parcel identification number.

(3) The names, addresses and telephone numbers of all persons or organizations who are owners or lessors of the property on which the nonmetallic mining site is located.

(4) The name, address and telephone number of the person or organization who is the operator.

(5) A certification by the operator of his or her intent to comply with the statewide nonmetallic mining reclamation standards established by Subsection 11.021.

11.034 **Reclamation Permit Application Contents.** The operator of any nonmetallic mine site shall submit an application that meets the requirements specified below to the Ozaukee County Department of Land and Water Management located at Administration Center, P.O. Box 994, 121 West Main Street, Port Washington, Wisconsin 53074-0994 prior to beginning operations.

(1) The information required by subsection 11.032.

(2) The plan review and annual fees required by Sections 11.17 and 11.18.

(3) A reclamation plan conforming to Section 11.04.

(4) A certification that the operator will provide, as a condition of the reclamation permit, provide financial assurance as required by Section 11.05 upon granting of the reclamation permit and before mining begins.

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To avoid duplication, the permit application and submittals required under this subsection may, by reference, incorporate existing plans or materials that meet the requirements of this chapter.

11.04 RECLAMATION PLAN

11.041 Reclamation Plan Required (1) All operators who conduct or plan to conduct nonmetallic mining shall submit to Ozaukee County a reclamation plan that meets all of the following requirements and complies with the reclamation standards of Subsection 11.021.

(2) ~~Post-Mining Land Use~~ Site Information. The reclamation plan shall include information sufficient to describe the existing natural and physical conditions of the site, including, but not limited to:

(a) Maps of the nonmetallic mining site including the general location, property boundaries, the areal extent, geologic composition and depth of the nonmetallic mineral deposit, the distribution, thickness and type of topsoil, the location of surface waters and the existing drainage patterns, the approximate elevation of ground water, as determined by existing hydrogeologic information. In specific instances where the existing hydrogeologic information is insufficient for purposes of the reclamation plan, the applicant may supplement the information with the opinion of a licensed professional geologist or hydrologist.

(b) Topsoil or topsoil substitute material, if required to support revegetation needed for reclaiming the site to approved post-mining land use, can be identified from using Ozaukee County soil surveys or other available information, including that obtained from a soil scientist or the University of Wisconsin soil science extension agent or other available information resources.

(c) Information available to the mine operator on biological resources, plant communities, and wildlife use at and adjacent to the proposed or operating mine site.

(d) Existing topography as shown on contour maps of the site at 2-foot contour intervals.

(e) Location of manmade features on or near the site.

(f) For proposed nonmetallic mining sites that include previously mined areas, a plan view drawing showing the location and extent of land previously affected by nonmetallic mining, including the location of stockpiles, wash ponds and sediment basins.

(3) Post-Mining Land Use.

(a) The reclamation plan shall specify a proposed post-mining land use for the nonmetallic mine site. The proposed post-mining land use shall be consistent with local land use plans and local zoning at the time the plan is submitted, unless a change to the land use plan or zoning is proposed. The proposed post-mining land use shall also be consistent with all applicable local, state, or federal laws in effect at the time the plan is submitted.

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(b) Land used for nonmetallic mineral extraction in areas zoned under ~~an exclusive agricultural use ordinance pursuant to Section 91.75~~ a farmland preservation zoning ordinance pursuant to subch. III of ch. 91, Wisconsin Statutes, shall be restored to agricultural use.

(4) Reclamation Measures. The reclamation plan shall include a description of the proposed reclamation, including methods and procedures to be used and a proposed schedule and sequence for the completion of reclamation activities for various stages of reclamation of the nonmetallic mining site. The following shall be included:

(a) A description of the proposed earthwork and reclamation, including final slope angles, high wall reduction, benching, terracing and other structural slope stabilization measures and if necessary a site-specific engineering analysis performed by a registered professional engineer as provided by subs. 11.021(5)(a) or (b).

(b) The methods of topsoil or topsoil substitute material removal, storage, stabilization and conservation that will be used during reclamation.

(c) A plan or map, which shows anticipated topography of the reclaimed site and any water impoundments or artificial lakes needed to support the anticipated future land use of the site.

(d) A plan or map which shows surface structures, roads and related facilities after the cessation of mining.

(e) The estimated cost of reclamation for each stage of the project or the entire site if reclamation staging is not planned.

(f) A revegetation plan, which shall include timing and methods of seed bed preparation, rates and kinds of soil amendments, seed application timing, methods and rates, mulching, netting and any other techniques needed to accomplish soil and slope stabilization.

(g) Quantifiable standards for revegetation adequate to show that a sustainable stand of vegetation has been established which will support the approved post-mining land use. Standards for revegetation may be based on the percent vegetative cover, productivity, plant density, diversity or other applicable measures.

(h) A plan and, if necessary, a narrative showing erosion control measures to be employed during reclamation activities. These shall address how reclamation activities will be conducted to minimize erosion and pollution of surface and groundwater.

(i) A description of any areas which will be reclaimed on an interim basis sufficient to qualify for the waiver of fees pursuant to subsections 11.202 and 11.204, and which will be subsequently disturbed prior to final reclamation. Descriptions shall include an identification of the proposed areas involved, methods of reclamation to comply with the standards in Subsection 11.021 and timing of interim and final reclamation.

(j) A description of how the reclamation plan addresses the long-term safety of the reclaimed mining site. The description shall include a discussion of site-

specific safety measures to be implemented at the site and include measures that address public safety with regard to adjacent land uses.

(5) Criteria for Successful Reclamation. The reclamation plan shall contain criteria for assuring successful reclamation in accordance with Subsection 11.021 (8).

(6) Certification of reclamation plan. The operator shall provide a signed certification that reclamation will be carried out in accordance with the reclamation plan. If the operator does not own the land, the landowner or lessor, if different from the operator, shall also provide signed certification that they concur with the reclamation plan and will allow its implementation.

11.042 **Existing Plans and Approvals.** To avoid duplication of effort, the reclamation plan required by this section may, by reference, incorporate existing plans or materials that meet the requirements of this chapter.

11.043 **Approval of Reclamation Plan.** Ozaukee County shall approve, conditionally approve or deny the reclamation plan submitted under this section in writing in accordance with subsection 11.074 for mines that apply for a reclamation permit in conformance with subsection 11.03. Conditional approvals of reclamation plans shall be made according to subsection 11.077 and denials of reclamation plans shall be made pursuant to Section 11.08. The operator shall keep a copy of the reclamation plan approved under this subsection at the mine site or, if not practicable, at the operator's nearest place of business.

11.05 FINANCIAL ASSURANCE

11.051 **Requirements.** All operators of nonmetallic mining sites in the County of Ozaukee shall prepare and submit a proof of financial assurance that meets the following requirements:

(1) Notification. The regulatory authority shall provide written notification to the operator of the amount of financial assurance required under subsection (3).

(2) Filing. Following approval of the nonmetallic mining reclamation permit, and as a condition of the permit, the operator shall file a financial assurance with the County of Ozaukee. The financial assurance shall provide that the operator shall faithfully perform all requirements in this chapter, an applicable reclamation ordinance and the reclamation plan. Financial assurance shall be payable exclusively to Ozaukee County. In cases where one or more other regulatory authorities regulate a nonmetallic mining site, all financial assurance shall be made payable to Ozaukee County only if it currently has primary regulatory responsibility.

(3) Amount and Duration of Financial Assurance. The amount of financial assurance shall equal as closely as possible to the cost of the County of Ozaukee to hire a contractor to complete either final reclamation or progressive reclamation according to the approved reclamation plan. The amount of financial assurance shall be reviewed periodically by Ozaukee County to assure it equals outstanding reclamation costs. Any financial assurance filed with the County of Ozaukee shall be in an amount equal to the estimated cost for reclaiming all sites the operator has under project permits. Ozaukee County may accept a lesser initial amount of financial assurance provided that the permittee initiates a process to

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continuously increase the amount of financial assurance until it is adequate to effect reclamation. An escrow account may be established that is based on production gross sales and serves to provide regular payments to an account that is designed to grow to the amount necessary to guarantee performance of reclamation by the expected time of final reclamation. The period of the financial assurance is dictated by the period of time required to establish the post mining land use declared and approved of in the reclamation plan. This may extend beyond the permit if required to accomplish successful and complete implementation of the reclamation plan.

(4) Form and Management. Financial assurance shall be provided by the operator and shall be by a bond or an alternate financial assurance. Financial assurance shall be payable to Ozaukee County and released upon successful completion of the reclamation measures specified in the reclamation plan. Alternate financial assurances may include, but are not limited to cash, certificates of deposits, irrevocable letters of credit, irrevocable trusts, established escrow accounts, demonstration of financial responsibility by meeting net worth requirements, or government securities. Any interest from the financial assurance shall be paid to the operator. Certificates of deposit shall be automatically renewable or other assurances shall be provided before the maturity date. Financial assurance arrangements may include, at the discretion of Ozaukee County, a blend of different options for financial assurance including a lien on the property on which the nonmetallic mining site occurs or a combination of financial assurance methods.

(5) Multiple Projects. Any operator who obtains a permit from Ozaukee County for 2 or more nonmetallic mining sites may elect, at the time the second or subsequent site is approved, to post a single financial assurance in lieu of separate financial assurance instruments for each nonmetallic mining site. When an operator elects to post a single financial assurance in lieu of separate financial assurances for each mining site, no financial assurances previously posted on individual mining sites shall be released until the new financial assurance has been accepted by the County of Ozaukee.

(6) Multiple Jurisdictions. In cases where more than one regulatory authority has jurisdiction, a cooperative financial security arrangement may be developed and implemented by the regulatory authorities to avoid requiring the permittee to prove financial assurance with more than one regulatory authority for the same nonmetallic mining site. Financial assurance is required for each site and two or more sites of less than one acre by the same operator, except that governmental units are not required to obtain financial assurance.

(7) Certification of Completion and Release.

(a) The operator shall notify the regulatory authority, by filing a notice of completion, at the time that he or she determines that reclamation of any portion of the mining site or the entire site is complete. Ozaukee County shall inspect the mine site or portion thereof that was the subject of the notice of completion to determine if reclamation has been carried out in accordance with the approved reclamation plan. The County of Ozaukee may partially release the financial

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assurance if it determines that compliance with a portion of the reclamation plan has been achieved and requires no waiting period. After determining that reclamation is complete, the County of Ozaukee shall issue a certificate of completion and shall release the financial assurance or appropriately reduce the financial assurance in the case of reclamation of a portion of the mining site.

(b) The County of Ozaukee shall make a determination of whether or not the certification in subparagraph (a) can be made within 60 days that the request is received.

(c) The County of Ozaukee may make a determination under this subsection that:

1. Reclamation is not yet complete;
2. It is not possible to assess whether reclamation is complete due to weather conditions, snow cover or other relevant factors;
3. Reclamation is complete in a part of the mine; or
4. Reclamation is fully complete.

(8) Forfeiture. Financial assurance shall be forfeited if any of the following occur:

(a) A permit is revoked under Section 11.15 and the appeals process has been completed.

(b) An operator ceases mining operations and fails to reclaim the site in accordance with the reclamation plan.

(9) Cancellation. Financial assurance shall provide that it may not be cancelled by the surety or other holder or issuer except after not less than a 90 day notice to Ozaukee County in writing by registered or certified mail. Not less than 30 days prior to the expiration of the 90-day notice of cancellation, the operator shall deliver to the County of Ozaukee a replacement proof of financial assurance. In the absence of this replacement financial assurance, all mining shall cease until the time it is delivered and in effect.

(10) Changing Methods of Financial Assurance. The operator of a nonmetallic mining site may change from one method of financial assurance to another. This may not be done more than once a year unless required by an adjustment imposed pursuant to subsection (12). The operator shall give the County of Ozaukee at least 60 days notice prior to changing methods of financial assurance and may not actually change methods without the written approval of Ozaukee County.

(11) Bankruptcy Notification. The operator of a nonmetallic mining site shall notify the regulatory authority by certified mail of the commencement of voluntary or involuntary proceeding under bankruptcy code, 11 USC, et seq., naming the operator as debtor, within 10 days of commencement of the proceeding.

(12) Adjustment of Financial Assurance. Financial assurance may be adjusted when required by Ozaukee County. The County of Ozaukee may notify the operator in writing that adjustment is necessary and the reasons for it. Ozaukee County may adjust financial assurance based upon prevailing or projected interest or inflation rates, or the latest cost estimates for reclamation.

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(13) Net Worth Test.

(a) Only an operator that meets the definition of "company" in Section 289.41 (1)(b), Wisconsin Statutes, may use the net worth method of providing financial assurance.

(b) The operator shall submit information to the regulatory authority in satisfaction of the net worth test requirements of Section 289.41 (4), Wisconsin Statutes, The criteria in Sections 289.41 (6)(b), (d), (e), (f), (g), (h) and (i), Wisconsin Statutes, shall apply.

(c) An operator using the net worth test to provide financial assurance for more than one mine shall use the total cost of compliance for all mines in determining the net worth to reclamation cost ratio in accordance with Section 289.41 (6), Wisconsin Statutes,

(d) Determinations under the net worth test shall be done in accordance with Section 289.41 (5), Wisconsin Statutes,

(e) In addition, the operator shall submit a legally binding commitment to faithfully perform all compliance and reclamation work at the mine site that is required under this chapter.

11.052 **Private Nonmetallic Mines.** The operator of any nonmetallic mining site that applies for a reclamation permit in conformance with Section 11.03 shall submit the proof of financial assurance required by subsection 11.05 as specified in the reclamation permit issued to it under this chapter.

11.053 **Public Nonmetallic Mining.** The financial assurance requirements of this section do not apply to nonmetallic mining conducted by the State of Wisconsin, a state agency, board, commission or department, or a municipality.

11.06 PUBLIC NOTICE AND RIGHT OF HEARING.

11.061 **Reclamation Plan Hearing.** Ozaukee County shall provide public notice and the opportunity for a public informational hearing as set forth below:

(1) Public Notice.

(a) When the County of Ozaukee receives an application to issue a reclamation permit, it shall publish a public notice of the application no later than 30 days after receipt of a complete application that satisfies subsection 11.03.

(b) The notice shall briefly describe the mining and reclamation planned at the nonmetallic mining site. The notice shall be published as a class 1 notice pursuant to Section 985.07 (1), Wisconsin Statutes, in the official newspaper of Ozaukee County. The notice shall mention the opportunity for public hearing pursuant to this section and shall give the locations at which the public may review the application and all supporting materials including the reclamation plan.

(c) Copies of the notice shall be forwarded by the County of Ozaukee to the county or applicable municipal zoning board, the county and applicable local planning organization, the county land conservation officer, and owners of land within 300 feet of the boundaries of the parcel or parcels of land on which the site is located.

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(2) Hearing. The County of Ozaukee shall provide for an opportunity for a public informational hearing on an application or request to issue a nonmetallic mining reclamation permit as follows.

(a) If it conducts a zoning-related hearing on the nonmetallic mine site, Ozaukee County shall provide the opportunity at this hearing to present testimony on reclamation-related matters. This opportunity shall fulfill the requirement for public hearing for a nonmetallic mining reclamation permit required by this section. The County of Ozaukee shall consider the reclamation-related testimony in the zoning-related hearing in deciding on a permit application pursuant to this chapter.

(b) 1. If there is no opportunity for a zoning-related hearing on the nonmetallic mine site as described in subparagraph (a), opportunity for public hearing required by this section shall be provided as follows. Any person residing within, owning property within, or whose principal place of business is within 300 feet of the boundary of the parcel or parcels of land in which the nonmetallic mining site is located or proposed may request a public informational hearing. The County of Ozaukee shall hold a public hearing if requested by any of these persons within 30 days of the actual date of public notice under subsection (1). This public informational hearing shall be held no sooner than 30 days nor later than 60 days after being requested. The hearing shall be conducted as an informational hearing for the purpose of explaining and receiving comment from affected persons on the nature, feasibility and effects of the proposed reclamation. A Class 1 public notice will be provided in the official county newspaper of any hearing under this section and public participation will be encouraged. The notice shall mention the opportunity for public participation and shall reference the location where the public may review the application, request and supporting materials for the reclamation plan. In addition to those identified in 11.061 (2)(b)1 as requiring hearing notification the Clerk in any Municipality containing the site and the County Board Supervisor of the District containing the site shall receive formal notification of any hearing under this section.

2. The subject matter and testimony at this informational hearing shall be limited to reclamation of the nonmetallic mine site.

11.062 **Local Transportation-Related Mines.** No public notice or informational hearing is required for a nonmetallic mining reclamation permit issued to a local transportation-related mine pursuant to subsection 11.075.

11.07 ISSUANCE OF PERMITS.

11.071 **Permit Required.** No person may engage in nonmetallic mining or nonmetallic mining reclamation in the County of Ozaukee without first obtaining a reclamation permit issued under this section, except for nonmetallic mining sites that are exempt from this chapter under subsections 11.016, 11.017 or 11.020(16)(b).

11.072 **Permit Issuance.** Applications for reclamation permits for nonmetallic mining that satisfy Section 11.03 shall be issued a reclamation permit or otherwise acted on as provided below.

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(1) Unless denied pursuant to Section 11.08, Ozaukee County shall approve in writing a request that satisfies the requirements of subsection 11.03 to issue a nonmetallic mining reclamation permit for the proposed nonmetallic mine.

(2) The County of Ozaukee may not issue an approval without prior or concurrent approval of the reclamation plan that meets the requirements of Section 11.04. The regulatory authority may issue a reclamation permit subject to conditions in subsection 11.077 if appropriate. The permit decision shall be made no sooner than 30 days nor later than 90 days following receipt of the complete reclamation permit application that meets the requirements in Section 11.03 and reclamation plan that meets the requirements in Section 11.04 unless a public hearing is held pursuant to Section 11.06. If a public hearing is held, the regulatory authority shall issue the reclamation permit, subject to conditions pursuant to subsection 11.077 if appropriate, or shall deny the permit as provided in Section 11.08, no later than 60 days after completing the public hearing.

(3) Permits issued pursuant to this subsection shall require compliance with a reclamation plan that has been approved and satisfies the requirements of Section 11.04 and provision by the applicant of financial assurance required under Section 11.05 and payable to the County of Ozaukee prior to beginning mining.

11.073 Automatic Permit for Local Transportation-Related Mines

(1) Ozaukee County shall automatically issue an expedited permit under this subsection to any borrow site that:

(a) Will be opened and reclaimed under contract with a municipality within a period not exceeding 36 months;

(b) Is a nonmetallic mine which is intended to provide stone, soil, sand or gravel for the construction, reconstruction, maintenance or repair of a highway, railroad, airport facility or other transportation facility under contract with the municipality;

(c) Is regulated and will be reclaimed under contract with the municipality in accordance with the requirements of the Wisconsin Department of Transportation concerning the restoration of nonmetallic mining sites;

(d) Is not a commercial source;

(e) Will be constructed, operated and reclaimed in accordance with applicable zoning requirements, if any and;

(f) Is not otherwise exempt from the requirements of this chapter under subsection 11.017 (10).

(2) In this subsection, “municipality” has the meaning defined in Section 299.01 (8), Wisconsin Statutes,

(3) Automatic permits shall be issued under this subsection in accordance with the following provisions:

(a) The applicant shall notify Ozaukee County of the terms and conditions of the contract with respect to reclamation of the proposed borrow site.

(b) The applicant shall provide evidence to Ozaukee County to show that the borrow site and its reclamation will comply with applicable zoning requirements, if any.

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(c) The County of Ozaukee shall accept the contractual provisions incorporating requirements of the Wisconsin Department of Transportation in lieu of a reclamation plan under Section 11.04.

(d) The County of Ozaukee shall accept the contractual provisions in lieu of the financial assurance requirements in Section 11.05.

(e) The public notice and hearing provisions of Section 11.06 do not apply to nonmetallic mining sites that are issued automatic permits under this subsection.

(f) Mines permitted under this subsection shall pay an annual fee to Ozaukee County as provided in Section 11.18, but shall not be subject to the plan review fee provided in Section 11.17. The total annual fee, including the share of the Department of Natural resources, shall not exceed the amount in Table 3 of Section 11.183.

(g) Ozaukee County shall issue the automatic permit within 7 days of the receipt of a complete application.

(h) If the borrow site is used to concurrently supply materials for other than the local transportation project, the automatic permitting in this subsection still applies provided the site will be reclaimed under a contractual obligation with the municipality in accordance with the Wisconsin Department of Transportation requirements.

(i) Notwithstanding Section 11.16, the operator of a borrow site under this subsection is required to submit only the information in an annual report necessary to identify the borrow site and to determine the applicable annual fee.

11.074 **Expedited Review.** Any operator of a nonmetallic mining site may request expedited review of a reclamation permit application under subsection (1) or subsection (2) as follows:

(1) The operator may submit a request for expedited permit review with payment of the expedited review fee specified in Section 11.172. This request shall state the need for such expedited review and the date by which such expedited review is requested.

(2) The operator may submit a request for expedited review under this subsection if the applicant requires a reclamation permit to perform services under contract with a municipality. This request for expedited review shall state the need for expedited review and shall include a copy of the applicable sections of the contract and the date by which the expedited review is requested.

(3) Following receipt of a request under this subsection, the County of Ozaukee shall inform the applicant of the estimated date for decision on issuance of the permit. If the applicant then elects not to proceed with the expedited review, the fee paid under subsection (1) shall be returned.

(4) Expedited review under this subsection shall not waive, shorten or otherwise affect the public notice and right of hearing pursuant to Section 11.06. This subsection does not impose an obligation upon the regulatory authority to act upon a permit application under this subsection by a specific date.

11.075 **Permit Conditions.** Any decision under this section may include conditions as provided below:

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(1) The County of Ozaukee may issue a reclamation permit or approve a reclamation plan subject to general or site-specific conditions if needed to assure compliance with the nonmetallic mining reclamation requirements of this chapter. The approvals may not include conditions that are not related to reclamation.

(2) One required condition of the issued permit shall be that the new mine obtain financial assurance pursuant to Section 11.05 prior to beginning mining.

11.08 **PERMIT DENIAL.** An application for a nonmetallic mining reclamation permit shall be denied as set forth below:

(1) An application to issue a nonmetallic mining reclamation permit shall be denied, within the time frame for permit issuance specified in Section 11.07, if the County of Ozaukee finds any of the following:

(a) The applicant has, after being given an opportunity to make corrections, failed to provide to Ozaukee County an adequate permit application, reclamation plan, financial assurance or any other submittal required by Chapter NR 135, Wisconsin Administrative Code or this chapter.

(b) The proposed nonmetallic mining site cannot be reclaimed in compliance with the reclamation standards contained in this chapter, Chapter NR 135, Wisconsin Administrative Code or subchapter I. of Chapter 295, Wisconsin Statutes.

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(c) 1. The applicant, or its agent, principal or predecessor has, during the course of nonmetallic mining in Wisconsin within 10 years of the permit application or modification request being considered shown a pattern of serious violations of this chapter or of federal, state or local environmental laws related to nonmetallic mining reclamation.

2. The following may be considered in making this determination of a pattern of serious violations:

a. Results of judicial or administrative proceedings involving the operator or its agent, principal or predecessor.

b. Suspensions or revocations of nonmetallic mining reclamation permits pursuant to this chapter, other reclamation ordinances or Chapter NR 135, Wisconsin Administrative Code.

c. Forfeitures of financial assurance.

(d) A denial under this subsection shall be in writing and shall contain documentation of reasons for denial.

(2) A decision to deny an application to issue a reclamation permit may be reviewed under Section 11.13.

11.09 ALTERNATIVE REQUIREMENTS

11.091 **Scope of Alternative Requirements Approvable.** An operator of a nonmetallic mining site may request an alternative requirement to the reclamation standard

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established in Subsection 11.021. The County of Ozaukee may approve an alternative requirement to the reclamation standards established in this chapter if the operator demonstrates and the County of Ozaukee finds that all of the following criteria are met:

(1) The nonmetallic mining site, the surrounding property or the mining plan or reclamation plan has a unique characteristic which requires an alternative requirement.

(2) Unnecessary hardship which is peculiar to the nonmetallic mining site or plan will result unless the alternative requirement is approved.

(3) Reclamation in accordance with the proposed alternative requirement will achieve the planned post-mining land use and long term site stability in a manner that will not cause environmental pollution or threaten public health, safety or welfare.

11.092 Procedures.

(1) The operator of a nonmetallic mining site requesting an alternate requirement in subsection 11.091 shall demonstrate all the criteria in subsection 11.091. This shall be submitted in writing to the Ozaukee County Department of Land and Water Management, at Administration Center, P.O. Box 994, 121 West Main Street, Port Washington, Wisconsin 53074-0994.

(2) (a) The Board of Adjustment shall fix a reasonable time for a hearing on the proposed alternative requirement application. The Board shall give public notice thereof by publishing a Class 2 notice under Chapter 985 of the Wisconsin Statutes, specifying the date, time, and place of the hearing and the matters to come before the Board. Notice shall be mailed to the parties-in-interest. Written notice shall be given to the appropriate office of the DNR at least 10 days prior to hearings on proposed alternate requirements.

(b) A Decision regarding the proposed alternative requirements shall be made as soon as practical. Copies of all decisions shall be submitted to the appropriate office of the DNR within 10 days after they are granted or denied.

(c) Majority Rule. A majority vote of the Board of Adjustment shall be necessary to approve/deny any order, requirement, decision, or determination of the Zoning Administrator, to decide in favor of an applicant on any other matter upon which the Board is required to approve under this ordinance.

(d) The Final Disposition of an appeal or application to the Board of Adjustment shall be in the form of a written resolution or order signed by the Chairperson of the Board. Such resolution shall state the specific facts which are the basis of the Board's determination and shall either affirm, reverse, vary, or modify the request, requirement, decision, or determination appealed, in whole or in part; dismiss the appeal for lack of jurisdiction or prosecution; or grant or deny the application for alternative requirements.

(e) At the Public Hearing, any party may appear in person or by agent or by attorney.

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(f) Withdrawal. Requests for a withdrawal of the application for alternative requirements must be made before the date the notice of public hearing is submitted for publication and notice to the parties-in-interest is mailed may be re-submitted at any time. Requests for a withdrawal made after the notice of public hearing has been submitted or notice to the parties-in-interest has been mailed shall not be re-submitted for a period of one year following the withdrawal.

(g) Postponement. The Board of Adjustment may postpone a public hearing if it determines that it needs additional information.

(h) Resubmission. No appeal or application which has been denied shall again be considered unless the applicant can show a material change in circumstances, as determined by the Zoning Administrator.

(i) Rehearing. No rehearing of any issue shall take place except upon the affirmative vote of a majority of the members of the Board upon finding that substantial new material or new evidence is submitted which could not have been reasonably presented at the previous hearing. Requests for rehearing shall be in writing and shall state the reasons for the request and be accompanied by necessary data. A rehearing shall be subject to the same notice requirements and fees as the original hearing.

(3) A request for an alternative requirement may be incorporated as part of an application to issue or modify a nonmetallic mining reclamation permit.

(4) Opportunity for public hearing under this section shall be provided as follows. Any person residing within, owning property within, or whose principal place of business is within 300 feet of the boundary of the parcel or parcels of land in which the nonmetallic mining site is located or proposed may request a public informational hearing. The Ozaukee County Natural Resources Committee shall hold a public hearing if requested by any of these persons within 30 days of the actual date of public notice. This public informational hearing shall be held no sooner than 30 days nor later than 60 days after being requested. The hearing shall be conducted as an informational hearing for the purpose of explaining and receiving comment from affected persons on the nature, feasibility and effects of the proposed reclamation. A **Class 2** public notice will be provided in the official county newspaper of any hearing under this section and public participation will be encouraged. The notice shall mention the opportunity for public participation and shall reference the location where the public may review the application, request and supporting materials for the reclamation plan. In addition to those identified in 11.061 (2)(b)1 as requiring hearing notification the Clerk in any Municipality containing the site and the County Board Supervisor of the District containing the site shall receive formal notification of any hearing under this section.

11.093 **Transmittal of Decision on Request for Alternative Requirement.** The decision on a request for alternate reclamation requirements shall be in writing to the applicant and shall include documentation of why the alternate requirement was or was not approved.

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11.094 **Notice to Wisconsin Department of Natural Resources.** The County of Ozaukee shall provide notice to the Wisconsin Department of Natural Resources as set forth in this subsection. Written notice shall be given to the Wisconsin Department of Natural Resources at least 10 days prior to any public hearing held under subsection 11.092 on a request for an alternate requirement under this section. A copy of any written decision on alternative requirements shall be submitted to the Wisconsin Department of Natural Resources within 10 days of issuance.

11.10 PERMIT DURATION

(1) A nonmetallic mining reclamation permit issued under this chapter shall last through operation and reclamation of the nonmetallic mining site, unless suspended or revoked pursuant to subsection 11.152.

(2) If the mine operator is not the landowner, the reclamation permit duration shall not exceed the duration of the mine lease unless the lease is renewed or the permit is transferred to a subsequent lessee pursuant to Section 11.11.

11.11 **PERMIT TRANSFER.** A nonmetallic mining reclamation permit issued under this chapter shall be transferred to a new owner or operator upon satisfaction of the following conditions:

(1) A nonmetallic mining reclamation permit may be transferred to a new operator upon submittal to Ozaukee County of proof of financial assurance and a certification in writing by the new permit holder that all conditions of the permit will be complied with.

(2) The transfer is not valid until financial assurance has been submitted by the new operator and accepted by the County of Ozaukee and Ozaukee County makes a written finding that all conditions of the permit will be complied with. The previous operator shall maintain financial assurance until the new operator has received approval and provided the financial assurance under this section.

11.12 **PREVIOUSLY PERMITTED SITES.** For any nonmetallic mining site which had a reclamation permit previously issued by another regulatory authority pursuant to Chapter NR 135, Wisconsin Administrative Code that becomes subject to reclamation permitting authority of Ozaukee County the terms and conditions of the previously-issued municipal reclamation permit shall remain in force until modified by the County of Ozaukee pursuant to subsection 11.142

11.13 **REVIEW**. Any permitting decision or action made by the County of Ozaukee under this chapter may be reviewed as set forth in this section. Notwithstanding Sections 68.001, 68.03 (8) and (9), 68.06 and 68.10 (1) (b), Wisconsin Statutes, any person who meets the requirements of Section 227.42 (1), Wisconsin Statutes, may obtain a contested case hearing under Section 68.11, Wisconsin Statutes, on Ozaukee County's decision to issue, deny or modify a nonmetallic mining reclamation permit.

11.14 ADMINISTRATION

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11.141 Permit Modification.

11.142 By Ozaukee County. A nonmetallic mining reclamation permit issued under this chapter may be modified by the County of Ozaukee if it finds that, due to changing conditions, the nonmetallic mining site is no longer in compliance with Chapter NR 135, Wisconsin Administrative Code or this chapter. Such modification shall be by an order modifying the permit in accordance with Section 11.23. This modifying order may require the operator to amend or submit new application information, reclamation plan, proof of financial assurance or other information needed to ensure compliance with Chapter NR 135, Wisconsin Administrative Code or this chapter.

11.143 At the Operator's Option. If operator of any nonmetallic mine that holds a reclamation permit issued under this chapter desires to modify such permit or reclamation plan approved under this chapter, it may request such modification by submitting a written application for such modification to the Ozaukee County Department of Land and Water Management located at Administration Center, P.O. Box 994, 121 West Main Street, Port Washington, Wisconsin 53074-0994. The application for permit or plan modification shall be acted on using the standards and procedures of this chapter.

11.144 Required by the Operator. The operator of any nonmetallic mine that holds a reclamation permit issued under this chapter shall request a modification of such permit if changes occur to the area to be mined, the nature of the planned reclamation, or other aspects of mining required by the reclamation plan approved pursuant to this chapter. Such application for permit modification shall be acted on using the standards and procedures of this chapter.

11.145 Review. All actions by the County of Ozaukee on permit modifications requested or initiated under this section are subject to review under Section 11.13.

11.15 PERMIT SUSPENSION AND REVOCTION

11.151 Grounds. Ozaukee County may suspend or revoke a nonmetallic mining reclamation permit issued pursuant to this chapter if it finds the operator has done any of the following:

(1) Failed to submit a satisfactory reclamation plan within the time frames specified in this chapter.

(2) Failed to submit or maintain financial assurance as required by this chapter.

(3) Failed on a repetitive and significant basis to follow the approved reclamation plan.

11.152 Procedures. If the County of Ozaukee finds grounds for suspending or revoking a nonmetallic mining reclamation permit set forth in subsection 11.151, it may issue a special order suspending or revoking such permit as set forth in subsection 11.232.

11.153 Consequences.

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(1) If Ozaukee County makes any of the findings in subsection 11.151, it may suspend a nonmetallic mining reclamation permit for up to 30 days During the time of suspension, the operator may not conduct nonmetallic mining at the site, except for reclamation or measures to protect human health and the environment as ordered by the regulatory authority pursuant to Section 11.23.

(2) If Ozaukee County makes any of the findings in subsection 11.151, it may revoke a nonmetallic mining reclamation permit. Upon permit revocation, the operator shall forfeit the financial assurance it has provided pursuant to this chapter to Ozaukee County. The County of Ozaukee may use forfeited financial assurance to reclaim the site to the extent needed to comply with this chapter and the applicable reclamation ordinance.

11.16 ANNUAL OPERATOR REPORTING

11.161 **Contents and Deadline**. Annual reports that satisfy the requirements of this section shall be submitted by the operators of nonmetallic mining sites.

(1) Contents. The annual report required by this section shall include all of the following:

(a) The name and mailing address of the operator.

(b) The location of the nonmetallic mining site, including legal description, tax key number or parcel identification number if available.

(c) The identification number of the applicable nonmetallic mining permit, if assigned by Ozaukee County.

(d) The acreage currently affected by nonmetallic mining extraction and not yet reclaimed.

(e) The amount of acreage that has been reclaimed to date, on a permanent basis and the amount reclaimed on an interim basis.

(f) A plan, map or diagram accurately showing the acreage described in subparagraphs (d) and (e).

(g) The following certification, signed by the operator: "I certify that this information is true and accurate, and that the nonmetallic mining site described herein complies with all conditions of the applicable nonmetallic mining reclamation permit and Chapter NR 135, Wisconsin Administrative Code."

(2) Deadline. The annual report shall cover activities on unreclaimed acreage for the previous calendar year and be submitted by January 31.

(3) When Reporting May End. Annual reports shall be submitted by an operator for all active and intermittent mining sites to the County of Ozaukee for each calendar year until nonmetallic mining reclamation at the site is certified as complete pursuant to subsection 11.203 or at the time of release of financial assurance pursuant to subsection 11.051 (7).

11.162 **Inspection in Lieu of Report**. Ozaukee County may, at its discretion, obtain the information required in subsection 11.161 for a calendar year by written documentation of an inspection it completes during a calendar year, as set forth in this subsection. If the County of Ozaukee obtains and documents the required

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information, the annual report need not be submitted by the operator. If Ozaukee County determines that the operator need not submit an annual report pursuant to this subsection, it shall advise the operator in writing at least 30 days before the end of the applicable calendar year. In that case, the County of Ozaukee shall require the operator to submit the certification required in subsection 11.161 (1)(g).

11.163 **Retention of Annual Reports**. Annual reports submitted under subsection 11.161 or inspection records that replace them under subsection 11.162 shall be retained by Ozaukee County at Administration Center, P.O. Box 994, 121 West Main Street, Port Washington, Wisconsin 53074-0994 for at least 10 years after the calendar year to which they apply. These records, or complete and accurate copies of them, shall be made available to the Wisconsin Department of Natural Resources upon written request or during its inspection or audit activities carried out pursuant to Chapter NR 135, Wisconsin Administrative Code.

11.17 PLAN REVIEW FEES

11.171 **Amount and Applicability**. A person who intends to operate a nonmetallic mining site for which a permit application has been submitted under subsection 11.03 shall submit a non-refundable plan review fee in accord with the following fee schedule payable to Ozaukee County Department of Land and Water Management, P.O. Box 994, 121 W. Main St. Port Washington, WI 53074.

Fee Schedule

1 to 5 acres (does not include mines < 1 acre)	$900.00
6 to 10 acres	$900.00
11 to 15 acres	$900.00
16 to 25 acres	$900.00
26 to 50 acres	$1,200.00
51 acres or larger	$1,500.00

No plan review fee may be assessed under this section for any local transportation-related mining receiving an automatic permit under subsection 11.075. A separate plan review fee shall be paid under this section for any modification to an existing reclamation plan submitted pursuant to Section 11.141.

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11.172 **Expedited Plan Review Fee.** A person who intends to operate a nonmetallic mining site for which a permit application has been submitted under subsection 11.03 may obtain expedited reclamation plan review by paying a fee of five hundred dollars ($500.00) payable to Ozaukee County. Such fee shall be in addition to that required in subsection 11.171.

11.173 **Relation to Annual Fee.** Any reclamation plan review fee or expedited reclamation plan review fee collected under this section shall be added to and collected as part of the first annual fee collected under Section 11.18.

11.18 ANNUAL FEES

11.181 Areas Subject to Fees, Procedures, Deadline and Amount.

(1) Operators of all nonmetallic mining sites subject to reclamation permits issued under this chapter shall pay annual fees to Ozaukee County located at Administration Center, P.O. Box 994, 121 West Main Street, Port Washington, Wisconsin 53074-0994.

(2) Fees paid under this section shall be calculated based on the unreclaimed acres of a nonmetallic mining site, as defined below:

(a) "Unreclaimed acre" or "unreclaimed acres" means those unreclaimed areas in which nonmetallic mining has occurred after August 1, 2001 and areas where nonmetallic mining reclamation has been completed but is not yet certified as reclaimed under subsection 11.051 (7). However the term does not include any areas described in subparagraph (b).

(b).Those areas defined as not included in a nonmetallic mining site under subsection 11.020 (16)(b).

(c) Fees shall be assessed on active acres only and shall not be assessed on acreage where nonmetallic mining is proposed and approved but where no nonmetallic mining has yet taken place.

(3) Fees assessed pursuant to this section shall be based on unreclaimed acres at the end of the year. Such fees apply to a calendar year or any part of a year in which nonmetallic mining takes place, until final reclamation is certified as complete under Section 11.20. Fees shall be paid no later than January 31 for the previous year. The submittal and the form that is to accompany the payment is to be mailed to Ozaukee County Department of Land and Water Management, P.O. Box 994, 121 W. Main Street, Port Washington WI 53074

(4) If reclamation has already occurred on portions of a nonmetallic mining site, the fees for such portions may be submitted with a request that they be held by the County of Ozaukee pending certification of completed reclamation pursuant to subsection 11.203 and subsection 11.051 (7). Upon such certification Ozaukee County shall refund that portion of the annual fee that applies to the reclaimed areas. If the County of Ozaukee fails to make a determination under subsection 11.203 and subsection 11.051 (7) within 60 days of the request, it shall refund that portion of the annual fee that applies to the reclaimed areas.

(5) The amount collected shall equal the Wisconsin Department of Natural Resource's share as described in subsection 11.182, the share of Ozaukee County

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described in subsection 11.183, and, if applicable, the reclamation plan review fee described in Section 11.17.

11.182 Wisconsin Department of Natural Resources Share of Fee.

(1) Fees paid under this section shall, except where provided in subsection (2), include a share for the Wisconsin Department of Natural Resources equal to the amount specified in Table 1.

TABLE 1:

Wisconsin Department of Natural Resources
Share of Annual Fees Collected by
Ozaukee County

Mine Size in Unreclaimed Acres, Annual Fee Rounded to the Nearest Whole Acre	
1 to 5 acres (does not include mines < 1 acre)	$35.00
6 to 10 acres	$70.00
11 to 15 acres	$105.00
16 to 25 acres	$140.00
26 to 50 acres	$160.00
51 acres or larger	$175.00

(2) For nonmetallic mining sites at which no nonmetallic mining has taken place during a calendar year, the share for the Wisconsin Department of Natural Resources shall be $15.00.

(3) The County of Ozaukee shall forward fees collected under this subsection to the Wisconsin Department of Natural Resources by March 31.

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11.183 **Ozaukee County Annual Fee.** (1) Fees paid under this section shall also include an annual fee due to Ozaukee County according to the schedule per Table 2:

TABLE 2:

Ozaukee County's Annual Fees Collected by Ozaukee County
(Includes DNR Fee as per Table 1)

Mine Size in Unreclaimed Acres, Rounded to the Nearest Whole Acre	Annual Fee
1 to 5 acres (does not include mines < 1 acre)	~~$155.00~~ $255.00
6 to 10 acres	~~$310.00~~ $440.00
11 to 15 acres	~~$465.00~~ $555.00
16 to 25 acres	~~$620.00~~ $740.00
26 to 50 acres	~~$720.00~~ $1060.00
51 acres or larger	~~$775.00~~ $1275.00

(1) The annual fee collected by Ozaukee County under this subsection for local transportation – related mines issued permits under sub.11.075 may not exceed the amounts set forth in Table 3. The amount listed below shall be the total fee assessed on such nonmetallic mines, and shall include both a share for the Wisconsin Department of Natural Resources and Ozaukee County.

TABLE 3:

Limit on Total Annual Fees For
Automatically-Permitted Local
Transportation Project-Related Mines.

Mine Size in Unreclaimed Acres, Rounded to the Nearest Whole Acre	Annual Fee
1 to 5 acres (does not include mines < 1 acre)	$175.00
6 to 10 acres	$350.00
11 to 15 acres	$525.00
16 to 25 acres	$700.00
26 to 50 acres	$810.00
51 acres or larger	$870.00

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11.184 **Reduced Fee for Inactive Mines.** Any site on which no nonmetallic mining activity has taken place in a calendar year shall be assessed a one hundred ($100) fee per 5 acres.

11.185 **Documentation of Ozaukee County's Share of Fee.** Ozaukee County shall document in writing its estimated program costs and the need for fee established in subsection 11.183 on or before June 1, 2001. This documentation shall be available for public inspection at Administration Center, P.O. Box 994, 121 West Main Street, Port Washington, Wisconsin 53074-0994.

11.19 REGULATORY REPORTING AND DOCUMENTATION.

11.191 **Reporting.** The County of Ozaukee shall send an annual report to the Wisconsin Department of Natural Resources by March 31, for the previous calendar year. The reports shall include the following information for the previous year's nonmetallic mining reclamation program:

(1) The total number of nonmetallic mining reclamation permits in effect.

(2) The number of new permits issued within the jurisdiction of Ozaukee County.

(3) The number of acres approved for nonmetallic mining and the number of acres newly approved in the previous year.

(4) The number of acres being mined.

(5) The number of acres that have been reclaimed and have had financial assurance released pursuant to subsection 11.051 (7).

(6) The number of acres that are reclaimed and awaiting release from the financial assurance requirements of this subchapter pursuant to subsection 11.201 and 11.202.

(7) The number and nature of alternative requirements granted, permit modifications, violations, public hearings, enforcement actions, penalties that have been assessed and bond or financial assurance forfeitures.

11.192 **Documentation.** The County of Ozaukee shall, to the best of its ability, maintain the information set forth below, and make it available to the Wisconsin Department of Natural Resources for that agency's audit of Ozaukee County's reclamation program pursuant to Chapter NR 135, Wisconsin Administrative Code:

(1) Documentation of compliance with Chapter NR 135, Wisconsin Administrative Code and this chapter.

(2) The procedures employed by the County of Ozaukee regarding reclamation plan review, and the issuance and modification of permits.

(3) The methods for review of annual reports received from operators.

(4) The method and effectiveness of fee collection.

(5) Procedures to accurately forward the Wisconsin Department of Natural Resources' portion of collected fees in a timely fashion.

Attachment: CHAPTER XI - Draft (Non-Metallic Mining Ordinance update discussion)

(6) Methods for conducting on-site compliance inspections and attendant reports, records and enforcement actions.

(7) Responses to citizen complaints.

(8) The method of and accuracy in determining the amount of the financial assurance obtained from the operator to guarantee reclamation performance.

(9) The maintenance and availability of records.

(10) The number and type of approvals for alternative requirements issued pursuant to Section 11.09.

(11) The method of determining the success of reclamation in meeting the criteria contained in the reclamation plan and subsequently releasing the financial assurance pursuant to subsection 11.051 (7).

(12) Any changes in local regulations, ordinances, funding and staffing mechanisms or any other factor which might affect the ability of Ozaukee County to implement its nonmetallic mining reclamation program under this chapter.

(13) The amount of fees collected in comparison to the amount of money actually expended for nonmetallic mining reclamation program administration.

(14) Any other performance criterion necessary to ascertain compliance with Chapter NR 135, Wisconsin Administrative Code.

11.20 COMPLETED RECLAMATION - REPORTING, CERTIFICATION AND EFFECT

11.201 **Reporting.** The operator ~~of a nonmetallic mining site~~ shall file a notice of ~~may certify~~ completed ~~ion of~~ reclamation with County of Ozaukee when the operator deems reclamation activities to be completed for a portion ~~or all~~ of the nonmetallic mining site or for the entire site pursuant to a reclamation plan prepared and approved pursuant to this chapter and Chapter NR 135, Wisconsin Administrative Code. ~~Certification~~ Notice of requests shall be submitted to the Ozaukee County Department of Land and Water Management located at Administration Center, P.O. Box 994, 121 West Main Street, Port Washington, Wisconsin 53074-0994.

11.202 **Reporting of Interim Reclamation.** The operator of a nonmetallic mining site may report completion of interim reclamation as specified in the reclamation plan for the site prepared and approved pursuant to this chapter and Chapter NR 135, Wisconsin Administrative Code. Reporting of interim reclamation shall be done according to the procedures in subsection 11.201.

11.203 **Certification of Completed Reclamation**. The County of Ozaukee shall inspect a nonmetallic mining site for which reporting of reclamation or interim reclamation has been submitted pursuant to this subsection within 60 days of receipt, and make a determination in writing in accordance with subsection 11.051 (7)(c). If it is determined that interim or final reclamation is complete, including revegetation as specified in a reclamation plan that conforms with Section 11.04, Ozaukee County shall issue the mine operator a written certificate of completion.

11.204 **Effect of Completed Reclamation**. If reclamation is certified by Ozaukee County as complete under subsection 11.203 for part or all of a nonmetallic mining site, then:

Attachment: CHAPTER XI - Draft (Non-Metallic Mining Ordinance update discussion)

(1) No fee shall be assessed under Section 11.18 for the area so certified.

(2) The financial assurance required by Section 11.05 shall be released or appropriately reduced in the case of completion of reclamation for a portion of the mining site.

(3) For sites which are reported as interim reclaimed under subsection 11.202 and so certified under subsection 11.203, financial assurance for reclaiming the certified area shall be reduced by 50% from the specified amount.

11.205 **Effect of Inaction Following Report of Completed Reclamation**. If no written response as required by subsection 11.203 for an area of the mine site reported as reclaimed or interim reclaimed is given within 60 days of receiving such request, any annual fee paid to the County of Ozaukee for it under Section 11.18 shall be refunded.

11.21 **PERMIT TERMINATION**. When all final reclamation required by a reclamation plan conforming to Section 11.04 and required by this chapter is certified as complete pursuant to subsection 11.051 (7) and 11.203, Ozaukee County shall issue a written statement to the operator of the nonmetallic mining site, thereby terminating the reclamation permit.

11.22 ENFORCEMENT

11.221 **Right of Entry and Inspection**. For the purpose of ascertaining compliance with the provisions of Subchapter I of Chapter 295, Wisconsin Statutes, Chapter NR 135, Wisconsin Administrative Code, or this chapter, any authorized officer, agent, employee or representative of the County of Ozaukee may inspect any nonmetallic mining site subject to this chapter as provided below:

(1) No person may refuse entry or access onto a nonmetallic mining site of a duly authorized officer, employee or agent of Ozaukee County or the Wisconsin Department of Natural Resources who presents appropriate credentials to inspect the site for compliance with the nonmetallic mining reclamation permit, this chapter, Chapter NR 135, Wisconsin Administrative Code or subchapter I of Chapter 295, Wisconsin Statutes,

(2) Any person who enters the site under this right of inspection shall obtain training and provide their own safety equipment needed to comply with any federal, state or local laws or regulations controlling persons on the nonmetallic mining site.

11.23 ORDERS

11.231 **Enforcement Orders.** The County of Ozaukee may issue orders as set forth in Section 295.19 (1)(a), Wisconsin Statutes, to enforce Subchapter I of Chapter 295, Wisconsin Statutes, Chapter NR 135, Wisconsin Administrative Code, this chapter, a permit issued pursuant to this chapter or a reclamation plan required by Section 11.04 and a permit issued under this chapter. A violation of this chapter, an order or permit issued pursuant to this chapter or a reclamation plan required by Section 11.04 and a permit issued under this chapter shall be considered a violation of Subchapter I of Chapter 295, Wisconsin Statutes and Chapter NR 135, Wisconsin Administrative Code.

Attachment: CHAPTER XI - Draft (Non-Metallic Mining Ordinance update discussion)

11.232 **Special Orders**. The County of Ozaukee may issue a special order as set forth in Sections 295.19 (1)(b) and (c), Wisconsin Statutes suspending or revoking a nonmetallic mining reclamation permit pursuant to Section 11.15 or directing an operator to immediately cease an activity regulated under Subchapter I of Chapter 295, Wisconsin Statutes, Chapter NR 135, Wisconsin Administrative Code or this chapter until the necessary plan approval is obtained.

11.233 **Review of Orders**. A person holding a reclamation permit who is subject to an order pursuant this section shall have the right to review the order in a contested case hearing under Section 68.11, Wisconsin Statutes, notwithstanding the provisions of Sections 68.001, 68.03 (8) and (9), 68.06 and 68.10 (1) (b), Wisconsin Statutes,

11.234 **Enforcement**. The County of Ozaukee may submit any order issued under Section 11.23 to abate violations of this chapter to a district attorney, corporation counsel, municipal attorney or the attorney general for enforcement. The district attorney, corporation counsel, municipal attorney or the attorney general may enforce those orders.

11.24 **PENALTIES**. Any violation of Subchapter I of Chapter 295, Wisconsin Statutes, Chapter NR 135, Wisconsin Administrative Code, this chapter, a permit issued pursuant to this chapter or a reclamation plan required by Section 11.04 and a permit issued under this chapter may result in forfeitures as provided in Section 295.19 (3), Wisconsin Statutes, as follows:

(1) Any person who violates Chapter NR 135, Wisconsin Administrative Code or an order issued under Section 11.23 may be required to forfeit not less than $25 nor more than $1,000 for each violation. Each day of continued violation is a separate offense. While an order issued under Section 11.23 is suspended, stayed or enjoined, this penalty does not accrue.

(2) Except for the violations referred to in subsection (1), any person who violates subchapter I of Chapter 295, Wisconsin Statutes, Chapter NR 135, Wisconsin Administrative Code, any reclamation plan approved pursuant to this chapter or an order issued pursuant to Section 11.23 shall forfeit not less than $10 nor more than $5,000 for each violation. Each day of violation is a separate offense. While an order issued under Section 11.23 is suspended, stayed or enjoined, this penalty does not accrue.

Attachment: CHAPTER XI - Draft (Non-Metallic Mining Ordinance update discussion)

General Program Information	
Regulatory Authority/ Audit year	OZAUKEE COUNT / 2024
Administered by:	Barry Sullivan, Sanitation & Zoning Specialist, Ozaukee County Land & Water Management Dept.
Fee structure (How you set your fees, as well as any recent fee changes) • Revised with amended ordinance? • Other?	Fee Table is part of the Ozaukee Count Non-metallic Mining Ordinance Chapter 11 – No fee changes since inception of program.
Overhead costs - Expenditures on Program Administration	
Supplies	$ 1500.00 +/- - this is estimated
Salary & Fringe Benefits	$ 20,895.00 +/-
Transportation and office space etc./ Administrative Support/ Data Management	$ 2,111.00 +/- - this based on current government milage
Equipment or services (GPS or fees to access data base or contract services).	$ 0.00
Total administrative expenses	$ 24,506.00 +/-
Fees collected on unreclaimed acres	$27,640.00
(+) Permit Review Fees	$2575.00 (Charmoli/Ponfil & Dippmanns
(-) Amount transferred to DNR	$8450.00
Total operating revenue	$21,765.00 +/-
(-) Total administrative expenses	$24,506.00 +/-
Surplus or (deficit)	$2741.00 - Deficit
Other Information	
Total permits	6
Total acres being mined	153 Acres currently active mined

Comments: 2 Quarries under final reclamation – Charmoli/Ponfil -16 acres
Elsa Dippmann Trust – 1 acre

Currently training Tony Austin and Nick Mikkelson to take over duties upon Barry Sullivan's expected retirement sometime between June 1, 2025 and March 31, 2026.

Attachment: Financials Audit 2024 (Non-Metallic Mining Ordinance update discussion)

NON-METALLIC MINING ACCT

117-2-14-43720000

	REVENUE	EXPENSES*PAID TO STATE*
Row Labels	**Sum of Credit Amount**	**Sum of Debit Amount**
2012	$ 1,805.00	$ 440.00
2013	$ 1,650.00	$ 505.00
2014	$ 2,370.00	$ 635.00
2015	$ 2,525.00	$ 600.00
2016	$ 2,580.00	$ 615.00
2017	$ 2,425.00	$ 580.00
2018	$ 2,095.00	$ 770.00
2019	$ 2,115.00	$ 770.00
2020	$ 2,015.00	$ 735.00
2021	$ 2,015.00	$ 490.00
2022	$ 2,015.00	$ 770.00
2023	$ 2,015.00	$ 770.00
2024	$ 2,015.00	$ 770.00
(blank)		
Grand Total	**$ 27,640.00**	**$ 8,450.00**

Attachment: NMM REVENUES AND EXPENSE TO STATE FEE 6-26-2024 (Non-Metallic Mining Ordinance update discussion)

Acres	Ozaukee County (Current)	Ozaukee County (Proposed)	Crawford County	Iowa County	St. Croix County	Washburn County	Dane County	Washington County	Sheboygan County	Fond du Lac County	Waukesha County
1-5	120	220	165	140	210	185	620	35	140	140	415
6-10	240	370	280	280	420	370	775	70	280	275	530
11-15	360	450	395	420	630	555	955	105	420	410	645
16-25	480	600	560 (16-20)	560	840	740	1210	140	560	680	860
			760(21-25)								
26-50	560	900	1040(26-35)	650	1050	860	1310	160	650	1360	940
			1340(36-50)								
51+	600	1100	1340	695	1260	900	1700	175	965	1975	1075

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Land and Water Management**
DIRECTOR: **Katie Vogeler**
PREPARER: **Katie Vogeler**

Agenda Summary LWM Monthly Reports

ATTACHMENTS:

- LWM October Newsletter (PDF)
- LWM Financials (PDF)

NATURAL RESOURCES COMMITTEE

Ozaukee County

October 2024

Land & Water Management





Pollinator Day 10-9-2024. Riveredge Educator, Rachel Race and Tina Kroening of Parks and Planning examined the characteristics of Autumn Olive to one of our attendees.
Ted Hoffman and Andrew Struck take in the day and scenery.

Land & Water Resources

- **Conservation Planning/Farmland Preservation (FPP)**
  - 64 farms/Landowners are currently participating in the Farmland Preservation Program; status reviews to be completed on 25% of the farms in 2024 to ensure compliance with the FPP soil and water performance standards.
  - FPP Audit was completed on Friday July 12—no issues were noted.
  - Inspections to the 25% of current participants are almost completed.
- **Best Management Practices Design and Certification**
  - Collaborating with NRCS on cost share projects.
  - 2024 projects include: Animal Waste Storage, 2 Storage Abandonments, 3 grassed waterways, and new Nutrient Management Plans implemented.
  - We have 15 additional projects on paper for 2025 / 2026
- **Administration of Cost-Share Agreements (grants)**
  - 2025 SWRM BOND = $56,200, SEG = $25,000, NMFE = $2,500, Innovation Grant = $11,998, STAFF = $157,222.
  - MDV balance of $34,257.95, 2025 estimated to be = $18,633.38.
  - TRM GRANT REIMBURSEMENT PAPERWORK IN THE WORKS TO CLOSE THIS GRANT.
- **Clean Sweep Household and Ag Hazardous Waste Collection**
  - May 3rd, 2025 date is set!

Mission Statement

To protect, preserve, and enhance natural resources, local ecology, and the quality of life

Ozaukee County
Admin Center
Room 223

121 W. Main Street,
PO Box 994
Port Washington, WI 53074

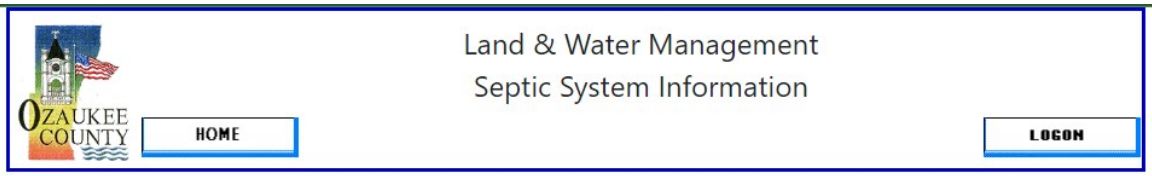
262-284-8313

Attachment: LWM October Newsletter (LWM Monthly Reports)

- **Nutrient Management**
  - Looking to host a manure popup day, or host a hobby farmer nutrient education meeting again
- **NR151 Compliance Tracking**
  - No activity
- **Manure Storage Ordinance**
  - Starting to organize information / standards to update ordinance. One storage successfully abandoned in 2024, another is actively being abandoned. Additional manure pit abandonments are in the works for 2025.
- **Stormwater Management & Construction Site Erosion Control-WPDES Permit**
  - Our MS4 permit is current
  - MS4 Audit was on Friday August 23, awaiting final report to report the results
- **Wildlife Damage and Abatement**
  - A landowner contacted us stating they had significant deer damage on their specialty crops. After following up with a site visit, we contacted the DNR and got them Act82 shooting permits as abatement. They may be interested in a permanent fence in 2025.
  - A landowner contacted us stating he had significant deer damage in his apple orchard, as well as notable damage to his pumpkins. After some discussion, we recommended permanent fencing , as it would be the most efficient abatement based on his long-term goals for the business. We will be following up with him this Fall to finalize plans for fence install in 2025.
  - A landowner (who received temporary fencing cost-share last year) contacted us stating he had a lone deer that was outsmarting the fence. After some discussion, we may alter/ add additional strands to the temporary fencing to aid in his abatement. We are waiting on a cost-estimate for the work to be done.
- **Tree, Shrub, Prairie Grass & Wildflower Seed Program/Pollinator Plant & Grass Sale**
  - We have started planning next years native plant sale with Johnson's Nursery. We will open the tree/shrub sale to accept orders in October/November.
  - We will be offering new species in both sales for increased diversity and offer more variety to residents of Ozaukee County.
- **Invasive Species**
  - Share information to the general public at education booths and online posts
- **Clean Farm Families and Demo Farm Network**
  - CFF Grants completed
  - DFN Dan Hagenow videos are now complete and we are awaiting final files!
  - DFN study and interviews by University of Illinois, results to be shared with us later this fall.

Testing the Waters: 2 days of local school tours of our Demo Plot







Did you know—if you have a POWTS, you can search your address to look up when it was pumped last, and who did the work? VISIT: https://powts.co.ozaukee.wi.us/

Sanitation

- **Sanitation Ordinance**
  - 2 significant ordinance violations
  - Maintenance: 447 notices were sent in October; the Office of Corporation Counsel continues action with non-compliant owners; 11218 reports filed to date in 2024
- **Wisconsin Fund**
  - DSPS confirmed no 2024 budget available for the WI FUND. 2025 looks bleak.
- **Miscellaneous**
  - Working with online sanitation permitting system along with LIO. Adam Ward.
  - Working on a map layer available to the public that maps out the components of their POWTS *New installs and replacements.
  - Our Part Time Office Assistant passed his POWTS Inspector license exam and can now help in the field on POWTS installation inspections.
  - Staff attended the WCCA Conference Oct 17-18

	Last Month	This Month	YTD
Sanitary Permits	22	13	129

Attachment: LWM October Newsletter (LWM Monthly Reports)

Shoreland Protection & Floodplain Zoning Ordinances

- **Shoreland and Floodplain Zoning**
  - New applications have been created. FEMA Maps are in effect.
  - Shoreland Ordinance was reviewed by DNR, now working on those amendments.
  - Recent challenges with permits.
- **National Flood Insurance/Community Rating System (CRS)**
  - Provided floodplain information to numerous landowners. YTD there have been no claims with substantial damage to report.
- **Miscellaneous**
  - Working with IT to go live with Online POWTS Permitting and Mead & Hunt for POWTS Maps
  - Ozaukee Geo Hub has been updated—looks a bit different, and toggling for information is a little different
  - FEMA Maps have been uploaded to the County Website Mapping.

	Last Month	This Month	YTD
Zoning Permits	7	4	42

Non-Metallic Mining Reclamation

- **Non-metallic Mining Reclamation**
  - 6 active mines in County
  - New Staff being trained in the program
  - Hartman Sand and Gravel showed some acreage of reclamation
- July 23rd Audit Findings:
  - Update our NMM Fees
  - A couple of ordinance amendments to make
  - Bond paperwork and value to be updated more frequently and without an expiration date, work with mines and their funders

Attachment: LWM October Newsletter (LWM Monthly Reports)

Other

GOALS 2024-2026

- Training the next zoning and sanitation specialist
- Research and update another Ordinance
- Complete the POWTS online Permitting System with IT



Some of the questions we received were: What species compliment each other? Where can we find more information on this? How can you manage pests? How can you plant effectively without herbicides?
It was a great turnout!

Upcoming Events

- October 15—annual meeting with DNR—Non point source Coordinator
- October 16—CB Strategic Plan Meeting
- October 22—Floodplain management Webinar
- End of October Manure Pop-up event???
- **Tree/ Shrub sale to open soon!!**
- November 12—Clean Farm Families Board Meeting
- November 28 Thanksgiving
- December 5—NRC meeting
- December 5—Clean Farm Families Annual Meeting—Le Panto Banquet Hall Port Washington

Contact Us 262-284-8313

Land and Water Management Department

Katie Vogeler, Director
Nick Mikkelson, Office Administrator
Geoff Schramm, Land & Water Coordinator
Ed Pfister, Sanitation & Zoning Coordinator
Chase Brouillette, Soil & Water Conservationist
Sarah Kempen, Conservation Planner/Soil Health Specialist
Barry Sullivan, Sanitation & Zoning Specialist I
Tony Austin, Sanitation & Zoning Specialist II

Attachment: LWM October Newsletter (LWM Monthly Reports)

Ozaukee County Committee Report

General Fund Land and Water Management

For the Ten Months Ending Thursday, October 31, 2024

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Prior YTD Actual	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues						
Intergovernmental Revenues	$156,926	$6,723	$1,940	$431,517	$429,577	0.45%
Public Charges for Services	$100,006	$3,590	$122,534	$154,010	$31,476	79.56%
Licenses & Permits	$115,667	$16,146	$132,797	$113,000	($19,797)	117.52%
Other Revenue	$38,110	$1,775	$61,648	$67,600	$5,952	91.20%
Total Revenues	**$410,709**	**$28,234**	**$318,919**	**$766,127**	**$447,208**	**41.63%**
Expenditures						
Salaries	$455,969	$47,427	$483,932	$654,966	$171,034	73.89%
Fringe Benefits	$173,564	$17,917	$190,372	$232,091	$41,719	82.02%
Travel/Training	$9,728	$81	$9,388	$16,725	$7,337	56.13%
Supplies	$26,819	-	$21,621	$25,828	$4,207	83.71%
Purchased Services	$55,178	$33,846	$59,517	$144,124	$84,607	41.30%
Interdepartment Charges	$36,712	-	$31,415	$44,983	$13,568	69.84%
Grants	$77,976	$370	$60,867	$251,100	$190,233	24.24%
Other Expenses	$70,723	$923	$72,892	$97,718	$24,826	74.59%
Total Operating Expenditures	**$906,669**	**$100,564**	**$930,004**	**$1,467,535**	**$537,531**	**63.37%**
Capital Outlay						
Total Expenditures	**$906,669**	**$100,564**	**$930,004**	**$1,467,535**	**$537,531**	**63.37%**
Net Increase (Decrease)	**($495,960)**	**($72,330)**	**($611,085)**	**($701,408)**	**($90,323)**	**87.12%**
Equity:						
Assigned	($146,145)	-	($154,496)	-	$154,496	0.00%
Due To / Due From	($492,823)	($72,330)	($573,828)	-	$573,828	0.00%

Attachment: LWM Financials (LWM Monthly Reports)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources County Conservation Aids Grant for Prairie Restoration Activities in Hawthorne Hills County Park and Golf Course and Tendick Nature County Park

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was awarded a grant from the Wisconsin Department of Natural Resources (WDNR) County Conservation Aids (CCA) grant program to support County-sponsored fish and wildlife habitat restoration projects. Specifically, this grant will support County activities to restore a total of 2.5 acres of turf grass to native warm-season prairie at Hawthorne Hills County Park and Golf Course (1.3 acres) and Tendick Nature County Park (1.2 acres) in the Town of Saukville. The Department has been intensely managing the Hawthorne Hills County Park and Golf Course and Tendick Nature County Park for invasive species, restoring woodlands, wetlands and grasslands with native vegetation and providing bird habitat through bird box installation. The WDNR CCA grant will support additional Department activities to purchase seed and restore turf grass to native prairie to provide habitat for grassland bird species and pollinators (e.g. bees and butterflies) within each park. The diversity of plant species will also provide an attractive display of flowers and grasses, further beautifying the park spaces. Project activities will be completed by Department staff.

ANALYSIS: The WDNR CCA grant award is $2,000. The Ozaukee County Natural Resources Committee unanimously approved the submittal and acceptance of the WDNR CCA grant at its August 8, 2024 meeting (Ayes: Holyoke, Jobs, Ross, Matera, Schoessow) and the Ozaukee County Board of Supervisors unanimously approved Resolution 24-18 at its September 4, 2024 meeting (Ayes - 24, Nays - 0, Absent - 2). The required 1:1 matching funding will be provided by the Department budget through in-kind staff time, equipment, supplies and mileage ($3,357) for a total project cost of $5,357. The original WDNR CCA grant program request was $2,775. WDNR CCA grant program revenue comes from the sale of hunting and fishing licenses and state sales tax on hunting and fishing equipment. Funding allocations for Wisconsin's southeast region typically totals approximately $8,457, and the total grant award is dependent on the number of awarded grants and overall project budget. Thus, the actual WDNR CCA grant award ($2,000) was lower than the original request amount ($2,775), but significantly more than the minimum County allocation.

FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue - $2,000)

FUNDING SOURCE: County Levy: X Non-County Levy: X

Indicate source: WDNR CCA grant and in-kind Department staff time, travel/mileage, equipment and supplies.

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the budget amendment for the Wisconsin Department of Natural Resources - County Conservation Aids Program grant to support prairie restoration activities in Hawthorne Hills County Park and Golf Course and Tendick Nature County Park in the Town of Saukville.

ATTACHMENTS:

- BA_2024_NRC11072024_WDNRCCA_HHGC_Tendick_Prairie_Restoration_BA_ATSFinal102824 (PDF)
- P&P_Dept_HawthorneHills Park and GC Prairie Restoration_Map (PDF)
- P&P_Dept_Tendick_Prairie Restoration_Map (PDF)

NATURAL RESOURCES COMMITTEE

Budget Amendment Request Committee Approval Form

Resolution No: _____

Period Transfer Recorded: _____

TO: Finance Committee

FROM: Planning and Parks Department
Department Name

Date of Request: 10/28/2024

Type of Budget Amendment (check one)

Increase of Revenue:	X
Fund Transfer:	
Supplemental Appropriations:	

Debit / Expense				Credit / Revenue			
Acct #	221-01-01-53601-000	$	2,000	A/C #	221-01-01-42310-000	$	2,000
	-	/	-		-	/	-
	Pre-request Account's Budget	/	*Changed To*		*Pre-request Account's Budget*	/	*Changed To*
Cost Ctr & A/C Desc	Other Material Supplies			Cost Ctr & A/C Desc	State Aid - WDNR CCA HHGC & Tendick Prairie		
Acct #		$		A/C #		$	-
	-	/	-		-	/	-
	Pre-request Account's Budget	/	*Changed To*		*Pre-request Account's Budget*	/	*Changed To*
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
Acct #		$		A/C #		$	-
	-	/	-		-	/	-
	Pre-request Account's Budget	/	*Changed To*		*Pre-request Account's Budget*	/	*Changed To*
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
Acct #		$	-	A/C #		$	-
	-	/	-		-	/	-
	Pre-request Account's Budget	/	*Changed To*		*Pre-request Account's Budget*	/	*Changed To*
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
Acct #		$	-	A/C #		$	-
	-	/	-		-	/	-
	Pre-request Account's Budget	/	*Changed To*		*Pre-request Account's Budget*	/	*Changed To*
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
Acct #		$	-	A/C #		$	-
	-	/	-		-	/	-
	Pre-request Account's Budget	/	*Changed To*		*Pre-request Account's Budget*	/	*Changed To*
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
	Total Debits:		2,000		Total Credits:		2,000

Reason for Request (Be Specific). Also fill out Support Document for County Board.

This is an increase in revenue for a grant received (Project #221-0003-00025) from the Wisconsin Department of Natural Resources County Conservation Aids grant program to support prairie restoration activities at Hawthorne Hills Golf Course and Tendick Nature County Park. This increase in revenue is for: 1) Other Material Supplies.

Department Head Signature

TYPE IN Oversight Committee Chairperson's Name

Oversight Committee Members

Finance Committee Members

Date of Meeting

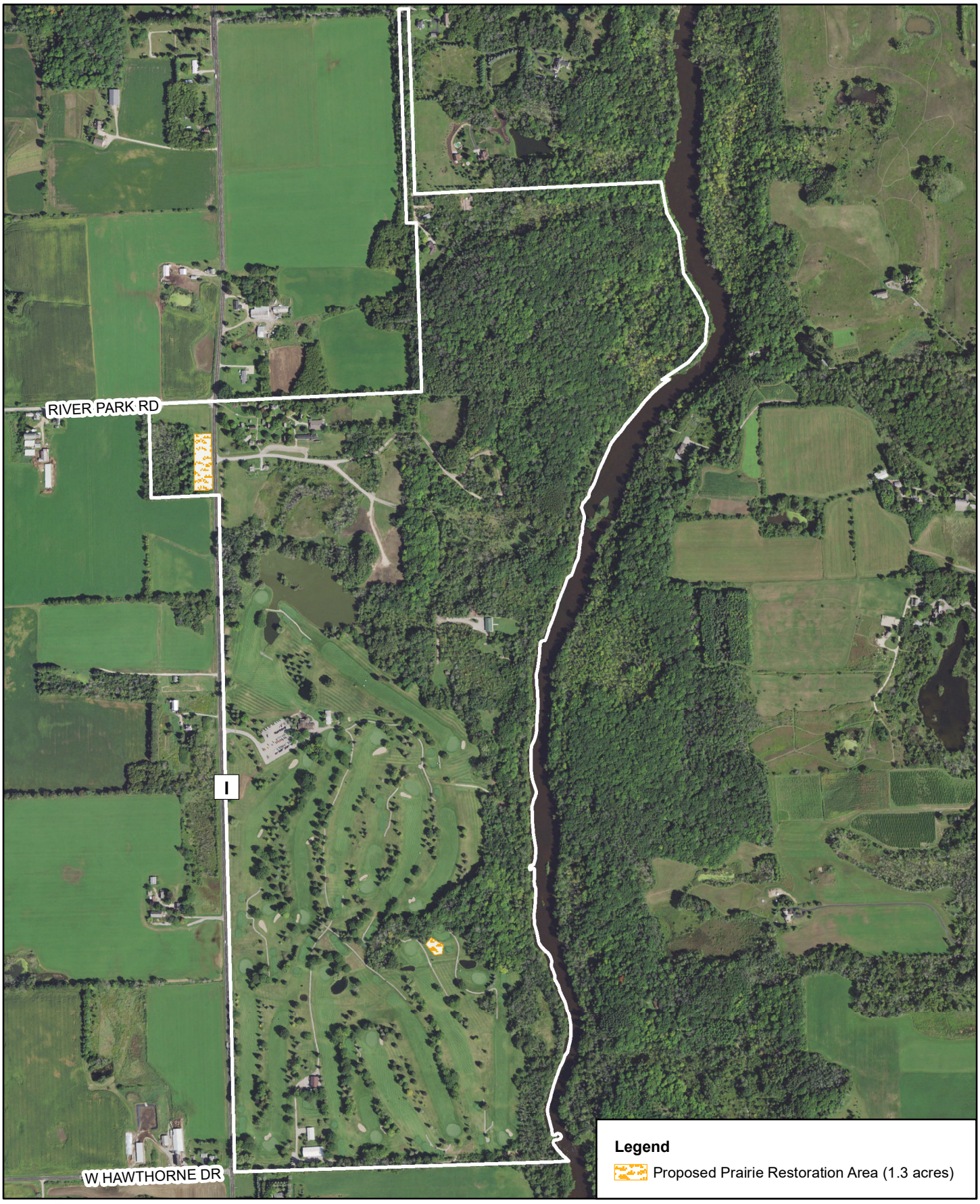
Date of Meeting

Date Amended: _____

Budget Amended By: _____

Attachment: BA_2024_NRC11072024_WDNRCCA_HHGC_Tendick_Prairie_Restoration_BA_ATSFinal102824

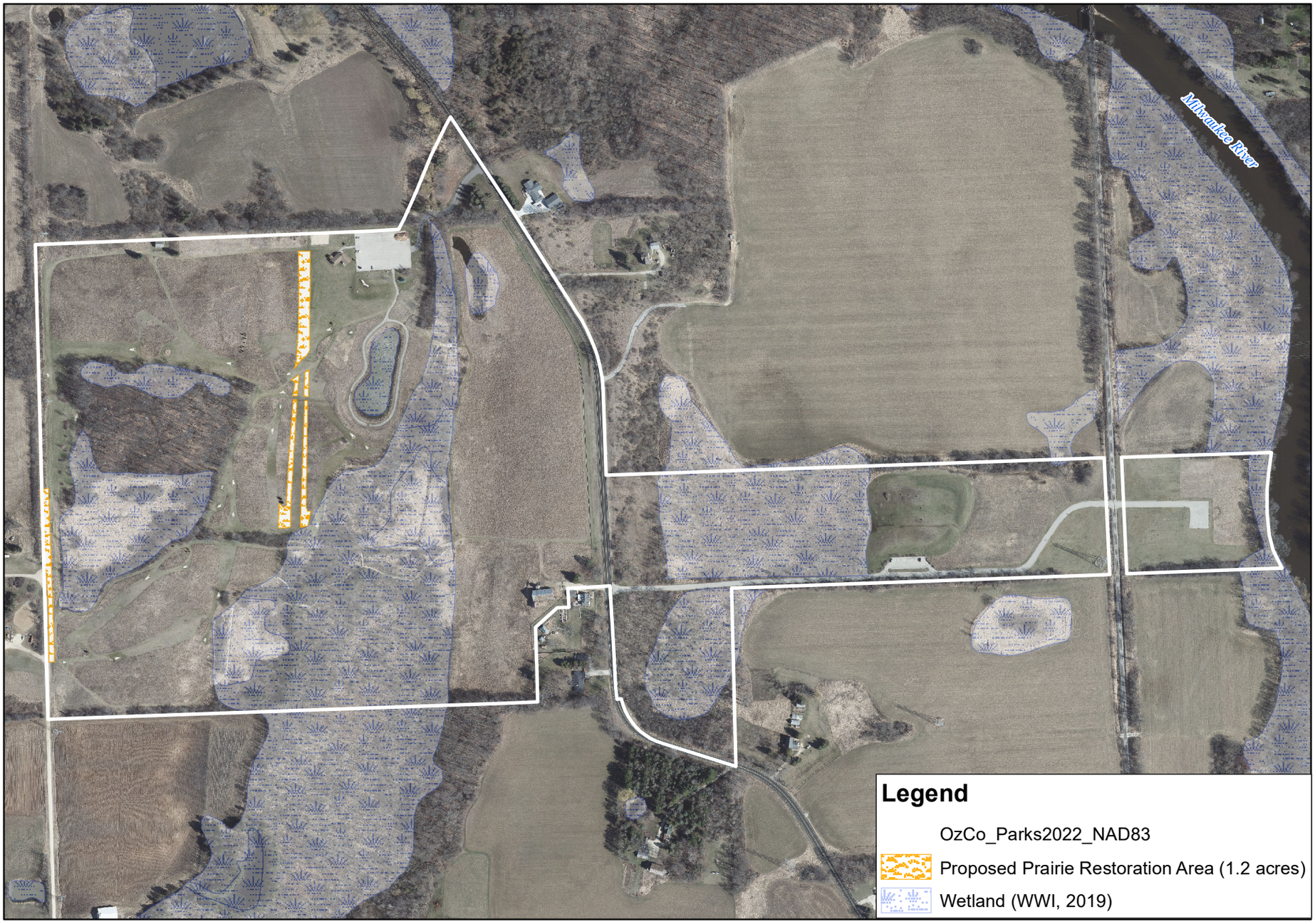
Hawthorne Hills County Park and Golf Course - Proposed Prairie Restoration (2025)



Map Produced By: Ozaukee County Planning and Parks Department
7/29/2024

Attachment: P&P_Dept_HawthorneHills Park and GC Prairie Restoration_Map

Tendick Nature County Park - Proposed Prairie Restoration (2025)



Ozaukee County Planning and P
July, 2024

Attachment: P&P_Dept_Tendick_Prairie Restoration_Map

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources Knowles-Nelson Stewardship Local Assistance Grant for Campground Development and a Bathroom Facility at Hawthorne Hills County Park

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was awarded a grant from the Wisconsin Department of Natural Resources (WDNR) Knowles-Nelson Stewardship Local Assistance (Stewardship) grant program to support Phase I campsite development and construction of a public bathroom facility at Hawthorne Hills County Park in the Town of Saukville. Public bathrooms and showers in the upper level of the Hawthorne Hills County Park Multi-Purpose Maintenance Building will serve the Phase II campsite area currently used by the Sugar Maple Nature School (SMNS). Per Wisconsin Administrative Code § ATCP 79.16 2023, an additional bathroom facility is required to serve the Phase I campsite area currently under development. WDNR Stewardship funding would support the design and construction of the bathroom facility and secured County Project Reserve (Capital) funding and in-kind Department staff time, travel, equipment and supplies would support development of the Phase I campground area including water and electric service for RV sites, road paving and shouldering, and individual campsite development items.

ANALYSIS: The WDNR Stewardship grant award is $249,690. The Ozaukee County Natural Resources Committee unanimously approved the submittal and acceptance of the WDNR Stewardship grant at its March 7, 2024 meeting (Ayes: Holyoke, Jobs, Ross, Matera, Schoessow) and the Ozaukee County Board of Supervisors unanimously approved Resolution 24-3 at its May 1, 2024 meeting (Ayes - 23, Nays - 0, Absent - 3). The required 1:1 matching funding will be provided by secured County Project Reserve (Capital) funding ($225,000), which was unanimously approved by the Ozaukee County Natural Resources Committee at its February 8, 2024 meeting (Ayes: Holyoke, Matera, Schoessow; Excused: Jobs, Ross) ($225,000) and approved by the Ozaukee County Board of Supervisors (Resolution 23-62) at its April 3, 2024 meeting (Ayes - 22, Nays - 1, Abstain - 1, Absent - 2) and in-kind Department staff time, travel, equipment and supplies ($24,999) for a total project cost of $499,689.

FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: $24,999 (Additional Program Revenue of $249,999)

FUNDING SOURCE: County Levy: Non-County Levy: X

Indicate source: Awarded WDNR Knowles-Nelson Stewardship grant, secured County Project Reserve (Capital) funding and in-kind Department staff time, travel, equipment and supplies.

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the budget amendment for the Wisconsin Department of Natural Resources Knowles-Nelson Stewardship Local Assistance Program grant to fund County activities for campsite development and construction of a public bathroom facility at Hawthorne Hills County Park.

ATTACHMENTS:

- BA_2024_NRC11072024_WDNR_STU_HH Campground_BA_ATSFinal102924 (PDF)
- P&P_Dept_Hawthorne Hills Master Map BMW 10.28.2024 (PDF)

NATURAL RESOURCES COMMITTEE

Budget Amendment Request Committee Approval Form

Resolution No: _____

Period Transfer Recorded: _____

TO: Finance Committee

FROM: Planning and Parks Department
Department Name

Date of Request: 10/28/2024

Type of Budget Amendment (check one)

Increase of Revenue:	X
Fund Transfer:	
Supplemental Appropriations:	

Debit / Expense			Credit / Revenue		
Acct #	221-01-01-54501-000	$ 249,690	A/C #	221-01-01-42310-000	$ 249,690
	-	/ -		-	/ -
	Pre-request Account's Budget	/ *Changed To*		*Pre-request Account's Budget*	/ *Changed To*
Cost Ctr & A/C Desc	Purchased Services - Construction		Cost Ctr & A/C Desc	State Aid - WDNR STU HH Campground	
Acct #			A/C #		$ -
	-	/ -		-	/ -
	Pre-request Account's Budget	/ *Changed To*		*Pre-request Account's Budget*	/ *Changed To*
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Acct #			A/C #		$ -
	-	/ -		-	/ -
	Pre-request Account's Budget	/ *Changed To*		*Pre-request Account's Budget*	/ *Changed To*
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Acct #		$	A/C #		$ -
	-	/ -		-	/ -
	Pre-request Account's Budget	/ *Changed To*		*Pre-request Account's Budget*	/ *Changed To*
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Acct #		$	A/C #		$ -
	-	/ -		-	/ -
	Pre-request Account's Budget	/ *Changed To*		*Pre-request Account's Budget*	/ *Changed To*
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Acct #		$ -	A/C #		$ -
	-	/ -		-	/ -
	Pre-request Account's Budget	/ *Changed To*		*Pre-request Account's Budget*	/ *Changed To*
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
	Total Debits:	249,690		Total Credits:	249,690

Reason for Request (Be Specific). Also fill out Support Document for County Board.

This is an increase in revenue for a grant recieved (Project #221-0003-00027) from the Wisconsin Department of Natural Resources Knowles-Nelson Stewardship Local Assistance Program for campsite development and construction of a bathroom facility at Hawthorne Hills County Park. This increase in revenue is for: 1) Purchased Services - Construction for project implementation.

Department Head Signature

TYPE IN Oversight Committee Chairperson's Name

Oversight Committee Members

Finance Committee Members

Date of Meeting

Date of Meeting

Date Amended: _____

Budget Amended By: _____

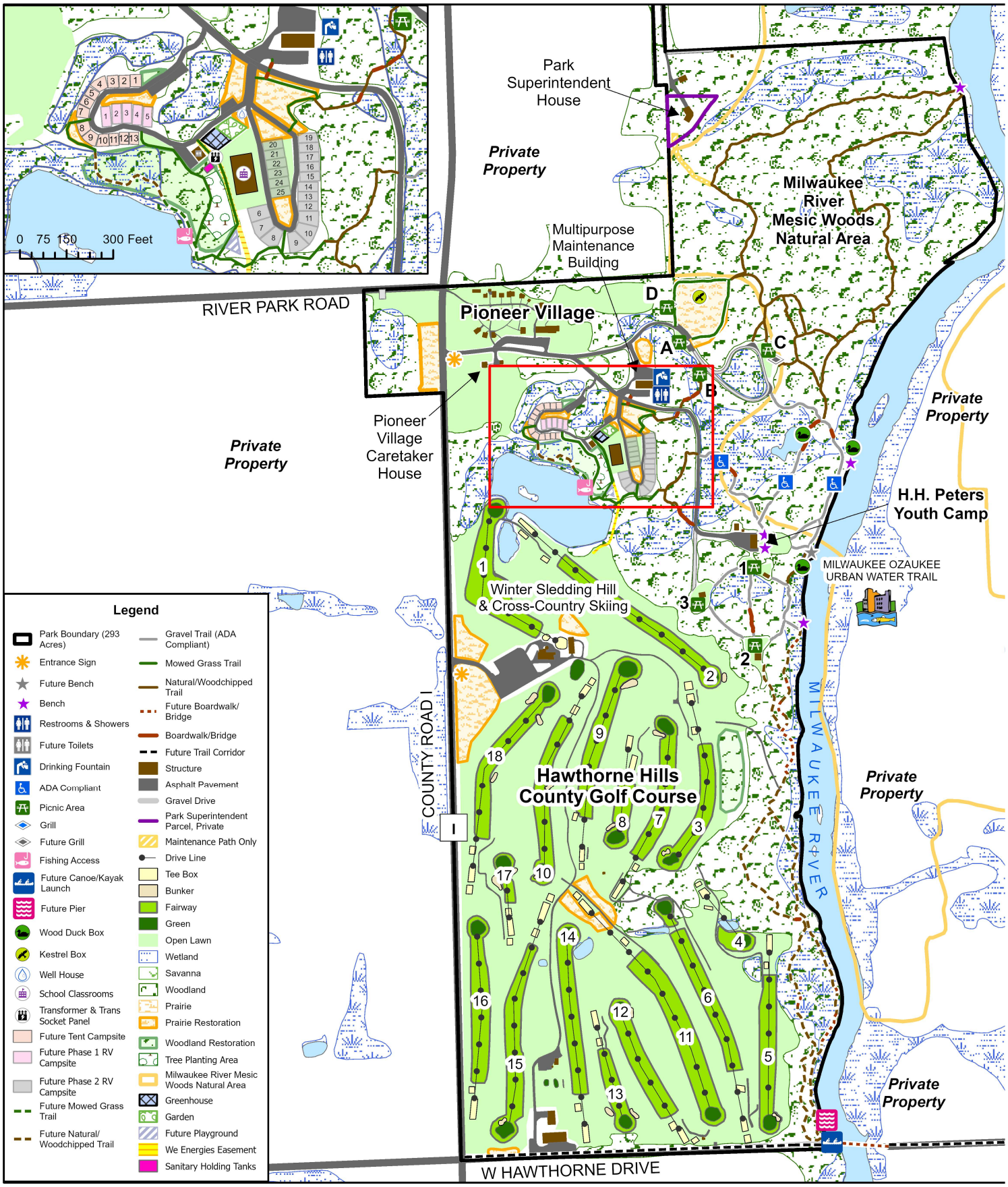
Attachment: BA_2024_NRC11072024_WDNR_STU_HH Campground_BA_ATSFinal102924

FINAL DRAFT

Hawthorne Hills County Park and Golf Course

Establish

4880 County Highway I, Saukville, WI 53080



Attachment: P&P_Dept_Hawthorne Hills Master Map BMW 10.28.2024

OZAUKEE COUNTY PLANNING AND PARKS — DIVISION PARKS, RECREATION AND CULTURE

0 375 750 1,500 Feet

N

Ozaukee County Parks Reservations:

Map Produced E
Ozaukee County Planning and Parks Department

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources Knowles-Nelson Stewardship Local Assistance Grant for Habitat Restoration and Public Access Improvements at Clay Bluffs Cedar Gorge Nature Preserve - Phase II

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was awarded a grant from the Wisconsin Department of Natural Resources (WDNR) Knowles-Nelson Stewardship Local Assistance (Stewardship) grant program to fund County activities to continue habitat restoration activities and improve public access at Clay Bluffs Cedar Gorge Nature Preserve County Park (Nature Preserve). The Department in conjunction with the Ozaukee Washington Land Trust recently acquired the 134-acre Clay Bluffs Nature Preserve in fall 2022 with the support of Ozaukee County, multiple direct federal and state grants and contributions from local partners and private donors. The Nature Preserve, located on the Lake Michigan shoreline, is undeveloped and there is significant public interest in habitat restoration and improving public access both throughout the new park and to Lake Michigan. In addition, habitat restoration and public access improvements projects are part of the goals and requirements of several of the acquisition grants as well as the Park Master Plan and OWLT conservation easement. A Wisconsin Coastal Management Program (WCMP) Coastal Resiliency grant was awarded in 2020 to support development of a Master Plan for the Nature Preserve. The Master Plan includes native restoration of the existing marginal farmland to prairie/grassland, forest (e.g., coastal lake forest) and wetlands, addressing Lake Michigan bluff erosion and stability through restoration, management of invasive species, passive recreational use and access to Lake Michigan, and enhancement and restoration of the existing coastal forest and wetland habitat. WDNR Stewardship and associated match grant funding would support the design and construction of wetland, native prairie and forest restoration and pedestrian trail loop with boardwalks on the middle third acreage of the Nature Preserve. The Department also received multiple grants in 2023 (WCMP and WDNR Stewardship, southern third acreage) and 2024 (National Fish and Wildlife Foundation (NFWF) Sustain Our Great Lakes (SOGL), middle third acreage) for similar public access and habitat restoration activities in the Nature Preserve and this project represents a continuation of these efforts.

ANALYSIS: The WDNR Stewardship grant award is $249,999. The Ozaukee County Natural Resources Committee unanimously approved the submittal and acceptance of the WDNR Stewardship grant at its March 7, 2024 meeting (Ayes: Holyoke, Jobs, Ross, Matera, Schoessow) and the Ozaukee County Board of Supervisors unanimously approved Resolution 24-2 at its May 1, 2024 meeting (Ayes - 23, Nays - 0, Absent - 3). The required 1:1 matching funding will be provided by an awarded NFWF SOGL ($500,000) grant and/or pending Fund For Lake Michigan (FFLM) ($250,001) grants for a total project cost of $1,000,000. There have been no changes to the budget or project scope since grant submittal.

FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue $249,999)

FUNDING SOURCE: County Levy: Non-County Levy: X

Indicate source: Awarded WDNR Stewardship and NFWF SOGL grants and pending FFLM grants.

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the budget amendment for the Wisconsin Department of Natural Resources Knowles-Nelson Stewardship Local Assistance Program grant to fund habitat restoration and public access improvements at Clay Bluffs Cedar Gorge Nature Preserve County Park.

ATTACHMENTS:

- BA_2024_NRC11072024_WDNR_STU_CBCGNP_Middle_BA_ATSFinal102824 (PDF)
- P&P_Dept_CBCGNP Site Plan, WDNR STU 2.14.2024 (PDF)

NATURAL RESOURCES COMMITTEE

Budget Amendment Request Committee Approval Form

Resolution No: _____

Period Transfer Recorded: _____

TO: Finance Committee

FROM: Planning and Parks Department
Department Name

Date of Request: 10/28/2024

Type of Budget Amendment (check one)

Increase of Revenue:	X
Fund Transfer:	
Supplemental Appropriations:	

Debit / Expense				Credit / Revenue			
Acct #	221-01-01-51101-000	$	62,500	A/C #	221-01-01-42310-000	$	249,999
	- /		-		- /		-
	Pre-request Account's Budget /		Changed To		Pre-request Account's Budget /		Changed To
Cost Ctr & A/C Desc	Regular Salaries and Wages			Cost Ctr & A/C Desc	State Aid - WDNR STU CBCGNP Improvements II		
Acct #	221-01-01-53601-000	$	24,000	A/C #	-	$	-
	- /		-		- /		-
	Pre-request Account's Budget /		Changed To		Pre-request Account's Budget /		Changed To
Cost Ctr & A/C Desc	Other Material Supplies			Cost Ctr & A/C Desc			
Acct #	221-01-01-55103-000		163,499	A/C #	-	$	-
	- /		-		- /		-
	Pre-request Account's Budget /		Changed To		Pre-request Account's Budget /		Changed To
Cost Ctr & A/C Desc	Highway - Grounds Maintenance / Construction			Cost Ctr & A/C Desc			
Acct #	-	$		A/C #	-	$	-
	- /		-		- /		-
	Pre-request Account's Budget /		Changed To		Pre-request Account's Budget /		Changed To
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
Acct #		$		A/C #	-	$	-
	- /		-		- /		-
	Pre-request Account's Budget /		Changed To		Pre-request Account's Budget /		Changed To
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
Acct #	-	$	-	A/C #	-	$	-
	- /		-		- /		-
	Pre-request Account's Budget /		Changed To		Pre-request Account's Budget /		Changed To
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
	Total Debits:		249,999		Total Credits:		249,999

Reason for Request (Be Specific). Also fill out Support Document for County Board.

This is an increase in revenue for a grant recieved (Project #221-0003-00026) from the Wisconsin Department of Natural Resources Knowles-Nelson Stewardship Local Assistance Program for public access improvements and wetland restoration at Clay Bluffs Cedar Gorge Nature Preserve. This increase in revenue is for: 1) Regular Salaries and Wages; 2) Other Material Supplies; and 3) Highway - Grounds Maintenance / Construction for project implementation.

Department Head Signature

TYPE IN Oversight Committee Chairperson's Name

Oversight Committee Members

Finance Committee Members

Date of Meeting

Date of Meeting

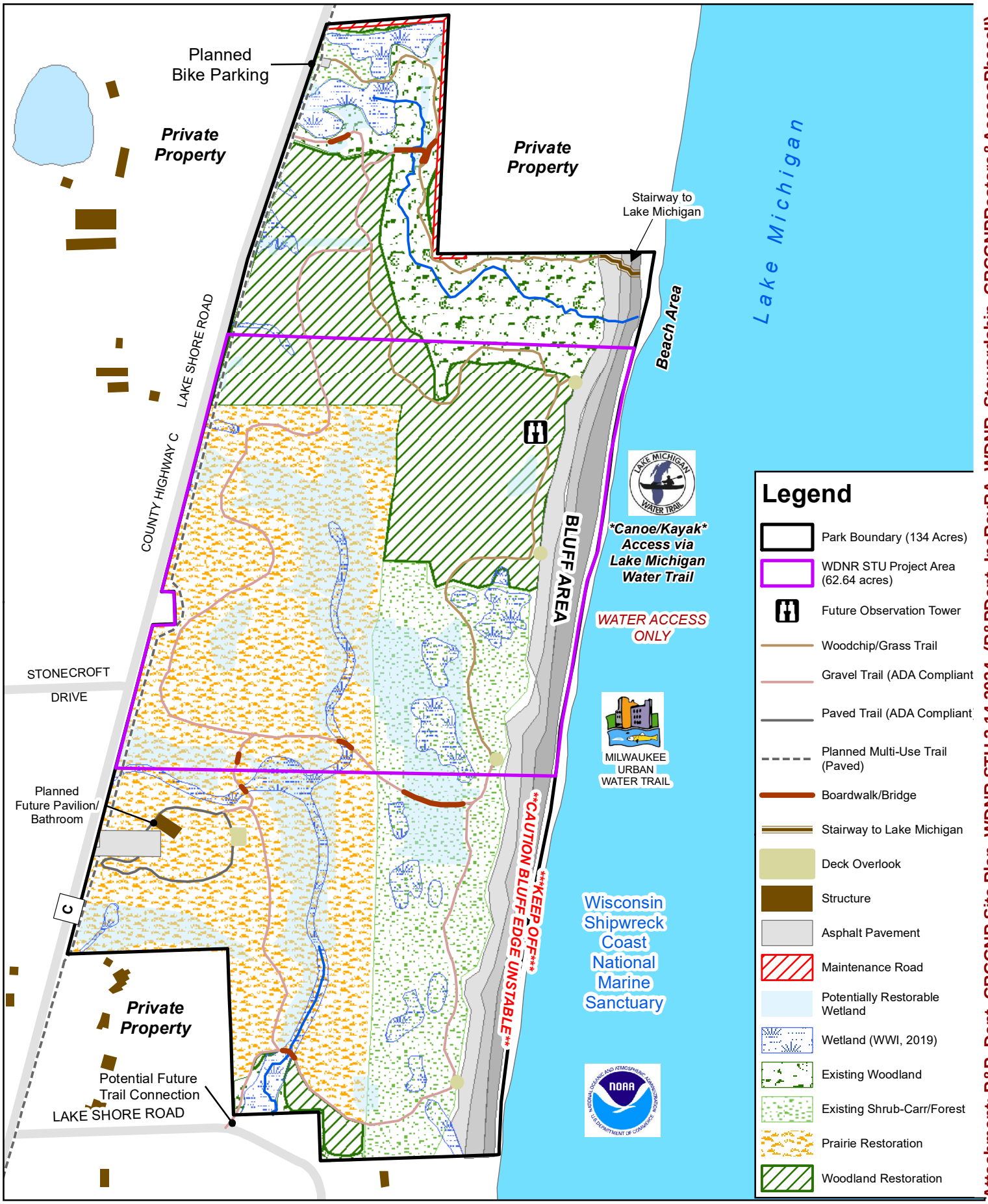
Date Amended: _____

Budget Amended By: _____

Attachment: BA_2024_NRC11072024_WDNR_STU_CBCGNP_Middle_BA_ATSFinal102824

Clay Bluffs Cedar Gorge Nature Preserve

Lake Shore Road, Grafton, WI 53024



0 250 500 1,000 Feet

N

Map Produced by Ozaukee County Planning

Attachment: P&P_Dept_CBCGNP Site Plan, WDNR STU 2.14.2024 (P&PDept_IncRevBA_WDNR_Stewardship_CBCGNPRestore&AccessPhaseII)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Increase of Revenue Budget Amendment for a National Fish and Wildlife Foundation – Sustain Our Great Lakes Grant for Habitat Restoration and Public Access Improvements at Clay Bluffs Cedar Gorge Nature Preserve - Phase II

The Ozaukee County - Planning and Parks Department (Department) was awarded a grant from the National Fish and Wildlife Foundation (NFWF) Sustain Our Great Lakes (SOGL) grant program to fund County activities to continue habitat restoration and improve public access at Clay Bluffs Cedar Gorge Nature Preserve County Park (Nature Preserve). The Department in partnership with the Ozaukee Washington Land Trust recently acquired the 134-acre Clay Bluffs Nature Preserve in fall 2022 with the support of Ozaukee County, multiple direct federal and state grants and contributions from local partners and private donors. The Nature Preserve, located on the Lake Michigan shoreline, is undeveloped and there is significant public interest in restoration and improving public access both throughout the new park and to Lake Michigan. In addition, habitat restoration and public access improvements are part of the goals and requirements of several of the acquisition grants as well as the Park Master Plan and OWLT conservation easement. A Wisconsin Coastal Management Program grant was awarded in 2020 to support development of a Master Plan for the Nature Preserve. The Master Plan includes native restoration of the existing marginal farmland to prairie/grassland, forest (e.g., coastal lake forest) and wetlands, addressing Lake Michigan bluff erosion and stability through restoration, management of invasive species, passive recreational use and access to Lake Michigan, and enhancement and restoration of the existing coastal forest and wetland habitat. NFWF SOGL and associated match grant funding will support design and construction of wetland, native prairie and forest restoration and a pedestrian trail loop with boardwalks on the middle third acreage of the Nature Preserve. The Department received a NFWF SOGL grant in 2023 for similar wetland habitat restoration work at Virmond County Park. The Department also received multiple grants in 2023 (WCMP and WDNR Stewardship, southern third acreage) and 2024 (WDNR Stewardship, middle third acreage) for similar public access and habitat restoration activities in the Nature Preserve and this project represents a continuation of these efforts.

ANALYSIS: The NFWF SOGL grant award is $500,000. The Ozaukee County Natural Resources Committee unanimously approved the submittal and acceptance of the NFWF SOGL grant at its March 7, 2024 meeting (Ayes: Holyoke, Jobs, Ross, Matera, Schoessow). The recommended 1:1 matching funding will be provided by an awarded WDNR Stewardship ($249,999) and pending Fund for Lake Michigan (FFLM) ($250,001) grants for a total project cost of $1,000,000. There have been no changes to the budget or project scope since grant submittal.

FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue $500,000)

FUNDING SOURCE: County Levy: Non-County Levy: X

Indicate source: Awarded NFWF SOGL and WDNR Stewardship and pending FFLM grants.

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the budget amendment for the National Fish and Wildlife Foundation - Sustain Our Great Lakes grant to fund habitat restoration and public access improvements at Clay Bluffs Cedar Gorge Nature Preserve County Park.

ATTACHMENTS:

- BA_2024_NRC11072024_NFWFSOGL_CBCGNP Middle Third Restoration_BA_ATSFinal102824 (PDF)
- P&P_Dept_CBCGNP Site Plan, NFWF 2.14.2024 (PDF)

NATURAL RESOURCES COMMITTEE

Budget Amendment Request Committee Approval Form

Resolution No: _____

Period Transfer Recorded: _____

TO: Finance Committee

FROM: Planning and Parks Department
Department Name

Date of Request: 10/28/2024

Type of Budget Amendment (check one)

Increase of Revenue:	X
Fund Transfer:	
Supplemental Appropriations:	

Debit / Expense				Credit / Revenue			
Acct #	221-01-01-51101-000	$ 125,000		A/C #	221-01-01-42110-000	$ 500,000	
	-	/ -			-	/ -	
	Pre-request Account's Budget	/ Changed To			Pre-request Account's Budget	/ Changed To	
Cost Ctr & A/C Desc	Regular Salaries and Wages			Cost Ctr & A/C Desc	Fed Aid - NFWF SOGL - CBCGNP Middle Third		
Acct #	221-01-01-52002-000	$ 2,500		A/C #		$ -	
	-	/ -			-	/ -	
	Pre-request Account's Budget	/ Changed To			Pre-request Account's Budget	/ Changed To	
Cost Ctr & A/C Desc	Travel/Mileage			Cost Ctr & A/C Desc			
Acct #	221-01-01-53601-000	22,500		A/C #		$ -	
	-	/ -			-	/ -	
	Pre-request Account's Budget	/ Changed To			Pre-request Account's Budget	/ Changed To	
Cost Ctr & A/C Desc	Other Material Supplies			Cost Ctr & A/C Desc			
Acct #	221-01-01-55103-000	$ 350,000		A/C #		$ -	
	-	/ -			-	/ -	
	Pre-request Account's Budget	/ Changed To			Pre-request Account's Budget	/ Changed To	
Cost Ctr & A/C Desc	Highway - Grounds Maintenance / Construction			Cost Ctr & A/C Desc			
Acct #		$		A/C #		$ -	
	-	/ -			-	/ -	
	Pre-request Account's Budget	/ Changed To			Pre-request Account's Budget	/ Changed To	
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
Acct #				A/C #		$ -	
					-	/ -	
					Pre-request Account's Budget	/ Changed To	
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
	Total Debits:	500,000			Total Credits:	500,000	

Reason for Request (Be Specific). Also fill out Support Document for County Board.

This is an increase in revenue for a grant recieved (Project #221-0011-00003) from the National Fish and Wildlife Foundation Sustain Our Great Lakes grant program for habitat restoration and public access at Clay Bluffs Cedar Gorge Nature Preserve (CBCGNP). This increase in revenue is for: 1) Regular Salaries and Wages; 2) Travel / Mileage; 3) Other Material Supplies; and 4) Highway - Grounds Maintenance / Construction for project implementation.

Department Head Signature

Rob Holyoke
TYPE IN Oversight Committee Chairperson's Name

Oversight Committee Members

Date of Meeting

Finance Committee Members

Date of Meeting

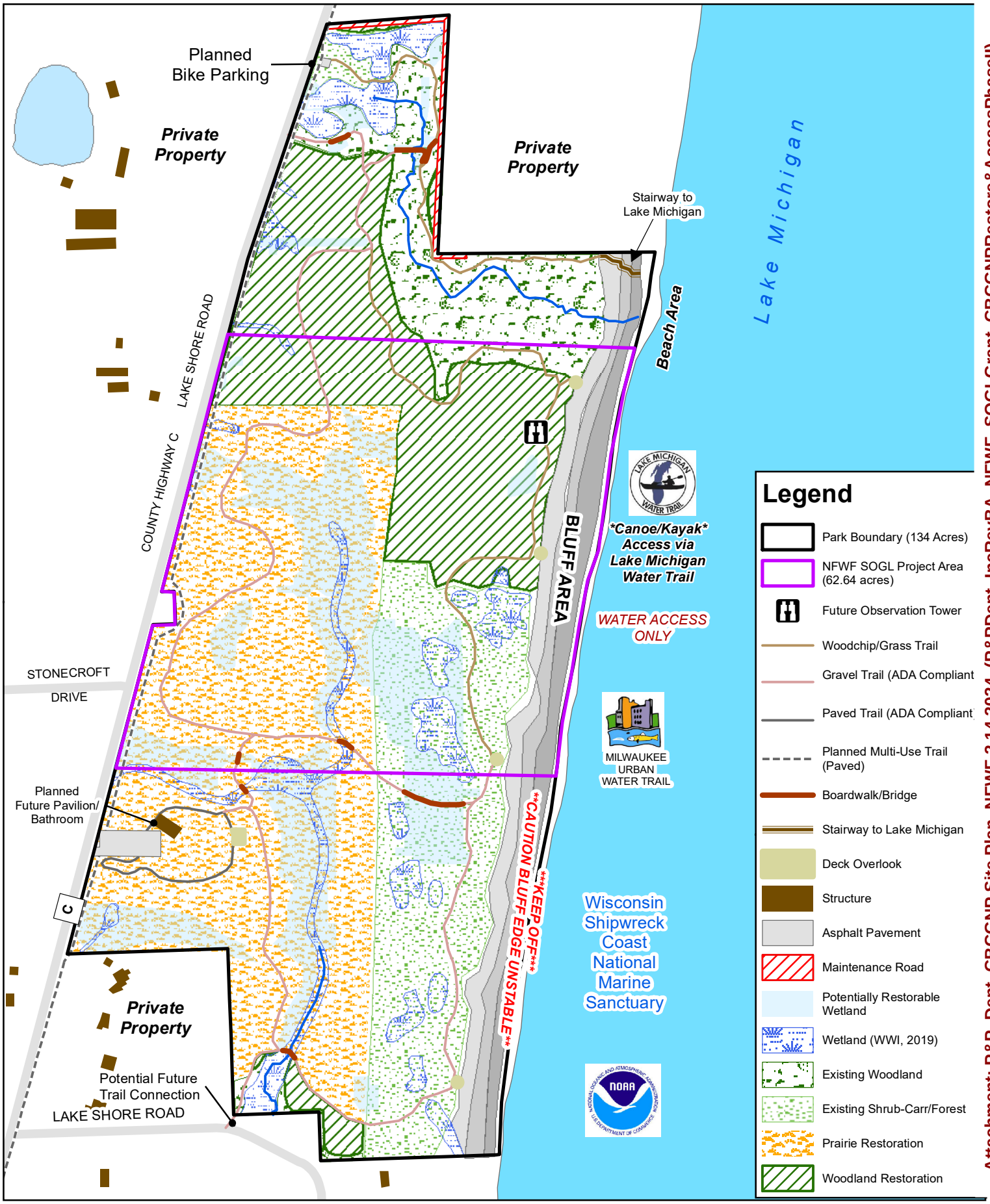
Date Amended: _____

Budget Amended By: _____

Attachment: BA_2024_NRC11072024_NFWFSOGL_CBCGNP Middle Third Restoration_BA_ATSFinal102824

Clay Bluffs Cedar Gorge Nature Preserve

Lake Shore Road, Grafton, WI 53024



0 250 500 1,000 Feet

N

Map Produced by Ozaukee County Planning

Attachment: P&P_Dept_CBCGNP Site Plan, NFWF 2.14.2024 (P&PDept_IncRevBA_NFWF_SOGLGrant_CBCGNPRestore&AccessPhaseII)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources Office of Great Waters Grant to Support Stream and Wetland Restoration Activities at Tendick Nature County Park

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was awarded a grant from the Wisconsin Department of Natural Resources (WDNR) Office of Great Waters (OGW) (pass through USEPA - Great Lakes Restoration Initiative (GLRI) grant) to support County-sponsored fish and wildlife habitat restoration projects. Specifically, this grant will support County activities to conduct stream and wetland restoration activities on Tendick Creek at Tendick Nature Park in the Town of Saukville. Secured Fund for Lake Michigan (FFLM) funding has supported design and engineering and construction activities for five completed fish passage impediment removal or restoration projects on Tendick Creek. The Department has also worked with consultants to complete design and engineering plans for overall stream and wetland restoration and enhancement work on Tendick Creek as an essential next step in improving the overall ecological diversity and sustainability of the watershed. The WDNR OGW grant will fund activities to remeander and restore a reach of degraded stream channel on Tendick Creek in Tendick Nature Park upstream of County Trunk Highway O to provide in-stream diversity and a suitable gradient in conjunction with wetland and floodplain reconnection and restoration. The Department received additional WDNR Surface Water Restoration grants in 2024 to support the project. Department staff and the Ozaukee County Highway Department will complete construction and restoration activities.

ANALYSIS: The WDNR OGW grant award is $350,000. The Ozaukee County Natural Resources Committee unanimously approved the submittal and acceptance of the NOAA BILIRA grant at its December 7, 2023 meeting (Ayes: Holyoke, Jobs, Ross, Matera; Excused: Schoessow). No formal match is required, though the Department will leverage two secured WDNR Surface Water Management (SWM) grants ($75,000) and a FFLM grant ($25,000). There have been no changes to the budget or project scope since grant submittal; however, WDNR OGW requirements include completion of an archeological study for the project area prior to construction, which will be supported by the WDNR OGW grant per the attached budget amendment (e.g., professional services).

FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue - $350,000)

FUNDING SOURCE: County Levy: Non-County Levy: X

Indicate source: WDNR OGW, WDNR SWM and FFLM grants (secured).

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the budget amendment for the Wisconsin Department of Natural Resources Office of Great Waters grant to support stream and wetland restoration activities in Tendick Nature County Park.

ATTACHMENTS:

- BA_2024_NRC11072024_WDNR_OGW_TendickCreek_BA_ATSFinal102824(PDF)
- P&P_Dept_Tendick Master Map, BMW 10.9.2024 (PDF)
- P&P_Dept_Tendick Creek Plans 2024-10-14 (PDF)

NATURAL RESOURCES COMMITTEE

Budget Amendment Request Committee Approval Form

Resolution No: _____

Period Transfer Recorded: _____

TO: **Finance Committee**

FROM: **Planning and Parks Department**
Department Name

Date of Request: **10/28/2024**

Type of Budget Amendment **(check one)**

Increase of Revenue:	**X**
Fund Transfer:	
Supplemental Appropriations:	

Debit / Expense				Credit / Revenue			
Acct #	**222-01-01-51101-000**	$	**75,000**	A/C #	**222-01-01-42110-000**	$	**350,000**
	- /		-		- /		-
	Pre-request Account's Budget /		*Changed To*		*Pre-request Account's Budget* /		*Changed To*
Cost Ctr & A/C Desc	Regular Salaries and Wages			Cost Ctr & A/C Desc	Fed Aid - WDNR OGW - Tendick Creek		
Acct #	**222-01-01-52002-000**	$	**500**	A/C #		$	**-**
	- /		-		- /		-
	Pre-request Account's Budget /		*Changed To*		*Pre-request Account's Budget* /		*Changed To*
Cost Ctr & A/C Desc	Travel/Mileage			Cost Ctr & A/C Desc			
Acct #	**222-01-01-53601-000**		**1,500**	A/C #		$	**-**
	- /		-		- /		-
	Pre-request Account's Budget /		*Changed To*		*Pre-request Account's Budget* /		*Changed To*
Cost Ctr & A/C Desc	Other Material Supplies			Cost Ctr & A/C Desc			
Acct #	**222-01-01-54106-000**	$	**25,000**	A/C #		$	**-**
	- /		-		- /		-
	Pre-request Account's Budget /		*Changed To*		*Pre-request Account's Budget* /		*Changed To*
Cost Ctr & A/C Desc	Professional Services			Cost Ctr & A/C Desc			
Acct #	**222-01-01-55103-000**	$	**248,000**	A/C #		$	**-**
	- /		-		- /		-
	Pre-request Account's Budget /		*Changed To*		*Pre-request Account's Budget* /		*Changed To*
Cost Ctr & A/C Desc	Highway - Grounds Maintenance / Construction			Cost Ctr & A/C Desc			
Acct #				A/C #		$	**-**
	- /		-		- /		-
	Pre-request Account's Budget /		*Changed To*		*Pre-request Account's Budget* /		*Changed To*
Cost Ctr & A/C Desc				Cost Ctr & A/C Desc			
	Total Debits:		350,000		Total Credits:		350,000

Reason for Request (Be Specific). Also fill out Support Document for County Board.

This is an increase in revenue for a grant recieved (Project #222-0006-00024) from the Wisconsin Department of Natural Resources Office of Great Waters - USEPA Great Lakes Restoration Initiative for stream and wetland restoration activities on Tendick Creek in the Town of Saukville. This increase in revenue is for: 1) Regular Salaries and Wages; 2) Travel / Mileage; 3) Other Material Supplies; 4) Professional Services (design and engineering, construction oversight, NEPA/Archeological Survey support); and 5) Highway - Grounds Maintenance / Construction for project implementation.

Department Head Signature

Rob Holyoke
TYPE IN Oversight Committee Chairperson's Name

Oversight Committee Members

Date of Meeting

Finance Committee Members

Date of Meeting

Date Amended: _____

Budget Amended By: _____

Attachment: BA_2024_NRC11072024_WDNR_OGW_TendickCreek_BA_ATSFinal102824

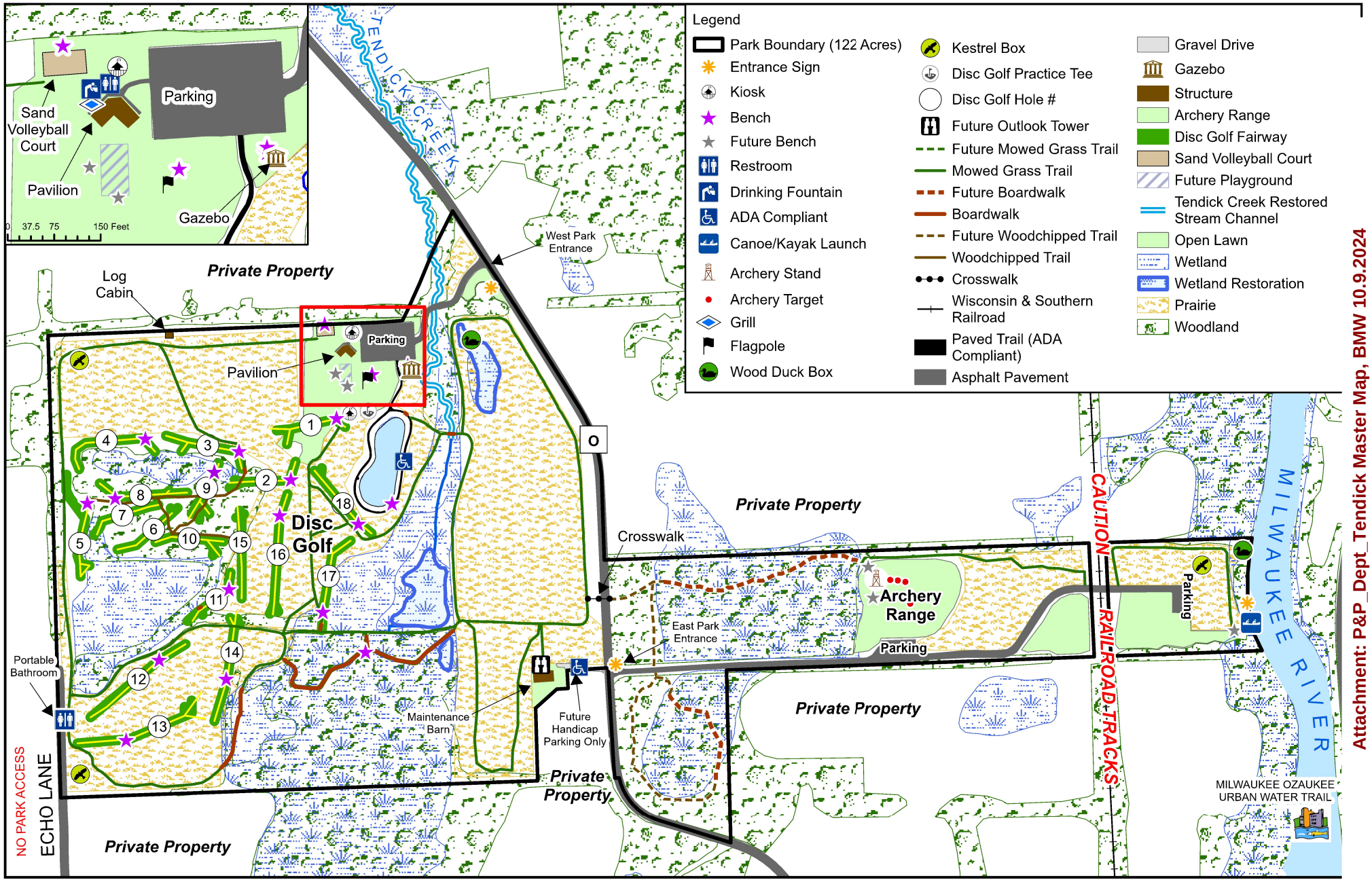
FINAL DRAFT

Tendick Nature County Park

3919 County Highway O, Saukville, WI 53080

Established 1999

8.a.5.b



Attachment: P&P_Dept_Tendick Master Map, BMW 10.9.2024

0 250 500 1,000 Feet

N

Ozaukee County Parks Reservations:

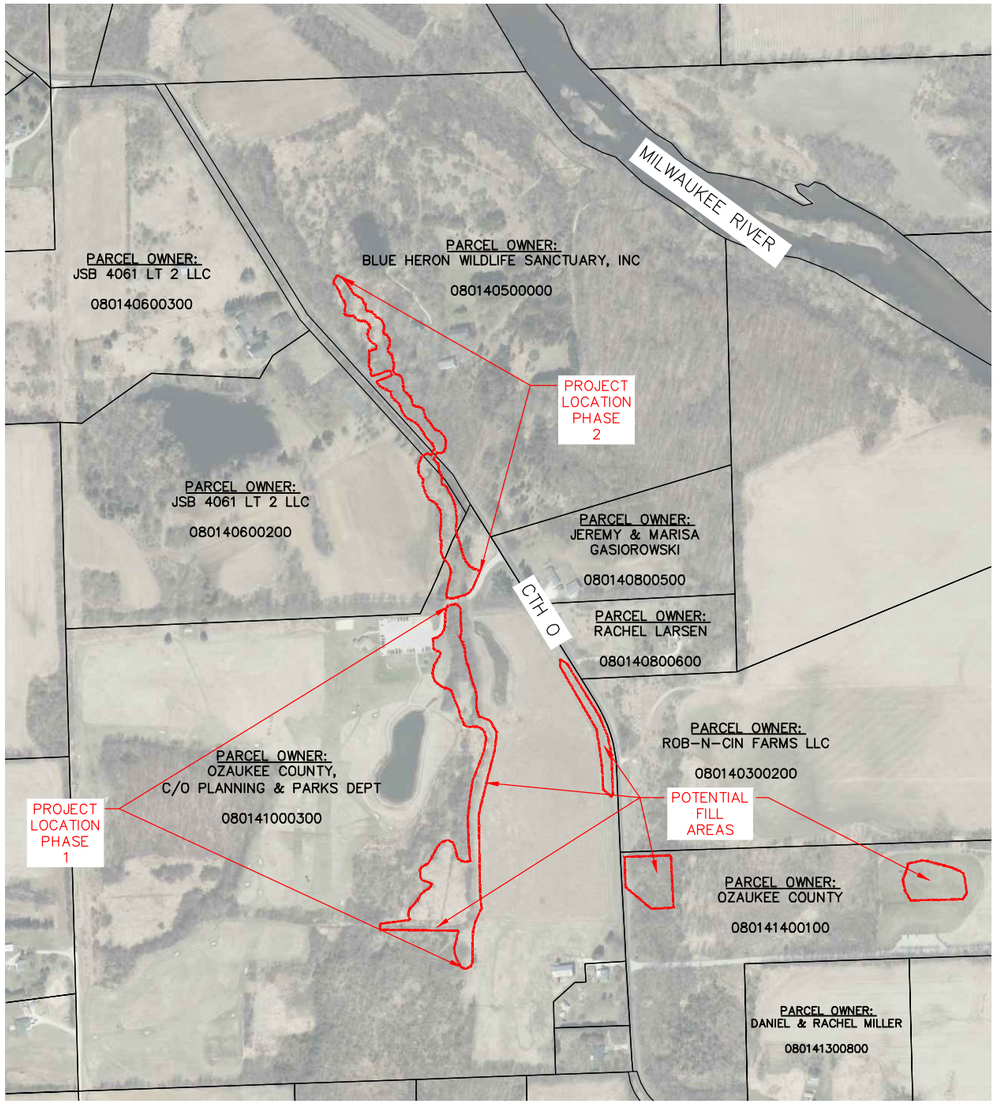
Map Produced B
Ozaukee County Plannir
and Parks Department

OZAUKEE COUNTY, WISCONSIN

FISH PASSAGE RESTORATION
TENDICK CREEK

AT: ~750' DOWNSTREAM & ~2,000' UPSTREAM OF CTH O

SEC 14, TOWNSHIP 11 NORTH, RANGE 21 EAST,
TOWN OF SAUKVILLE, OZAUKEE COUNTY, WISCONSIN



Project Quantity Table			
Item	Unit	Phase 1 Quantity	Phase 2 Quantity
6'x6' Box Culvert	LF	-	48
12' Box Culvert End Section	EA	-	2
Box Culvert Drop Wall	EA	-	1
72" Dia. Corrugated Metal Pipe	LF	-	54
Trackout Control Device	EA	1	3
Silt Fence	LF	1,453	593
Medium Riprap	CY	-	103
Channel Bed Material	CY	80	160
Culvert Bed Material	CY	-	50
Non-woven Coir Fabric (North American Green C125BN, Nedia C400B, or equivalent)	SY	2830	1,110
Project Earthwork Table			
Existing Stream Length	LF	494	1,417
Proposed Stream Length	LF	624	1,688
Disturbance Area	SF	211,676	126,544
South Wetland Scrape Earthwork	CY	182 (Cut)	-
North Wetland Scrape Earthwork	CY	1,434 (Cut)	-
Stream Earthwork (17+00-23+50)	CY	1,822 (Cut)	-
Stream Earthwork (10+00-17+00)	CY	-	1,285 (Cut)
Stream Earthwork (6+00-10+00)	CY	-	251 (Cut)
Stream Earthwork (0+00-6+00)	CY	-	292 (Cut)
Potential Fill Areas*			
East-West Path Between Wetland Scapes	CY	126 (Fill)	-
North-South Path Along North Wetland Scape	CY	290 (Fill)	-
CTH O Embankment (West)	CY	1,260 (Fill)	-
CTH O Embankment Fill (East)/East Park Parcel	CY	2,271 (Fill)	-
Archery Range (East Park Parcel)	CY	-	2,433 (Fill)

*Fill areas to be used as needed. Any additional fill will be trucked to Hawthorne Hills County Park. All volumes assume 1:1 ratio. No shrink or swell factors are associated with volumes. Contractor to use descretion for fill locations and amount.

Fund for Lake Michigan
Clearly making a deep impact.

HORIZONTAL DATUM: NAD 1983 STATE PLANE WISCONSIN SOUTH

VERTICAL DATUM: NAVD88
EXISTING CONTOURS SHOWN ON PLANS WERE GENERATED FROM 2015 OZAUKEE COUNTY LIDAR

OWNER:

OZAUKEE COUNTY PLANNING & PARKS DEPT.
121 W. MAIN STREET
PORT WASHINGTON, WI 53074
PH.: 262/238-8257

OZAUKEE COUNTY PLANNING AND PARKS
OZAUKEE FISH PASSAGE PROGRAM

ENGINEERS:

R.A. SMITH, INC
16745 W BLUEMOUND RD
BROOKFIELD, WI 53005-5938
PH.: 262/781-1000
FAX: 262/781-8466

FISH CREEK RESTORATION LLC
PH.: 608/977-1856
FISH CREEK RESTORATION

N

GRAPHIC SCALE
2500 0 2500 5000 10000
(IN FEET)

PLAN INDEX

SHEET NO.	DESCRIPTION
COVER	COVER SHEET
01-03	OVERVIEW PLAN
04	TYPICAL STREAM PLAN, PROFILE, & SECTION
05-14	ROUGHENED CHANNEL PLAN & PROFILE
15	WETLAND SCRAPES
16-18	CROSS SECTIONS
19	BLUE HERON DRIVEWAY PLAN & PROFILE
20	CTH O CULVERT PLAN & PROFILE
21-22	DETAILS

BENCHMARK	NORTHING	EASTING	ELEVATION
6	524096.601	2511649.828	801.77
1001	525586.154	2511467.198	781.03
1002	523786.860	2511743.671	801.38
1003	524101.386	2511816.871	801.50
1004	524447.082	2511891.827	803.81
1005	524855.362	2511641.119	793.24
1006	525192.511	2511395.343	786.37
1007	525435.996	2511334.647	781.94
1008	525203.391	2511509.466	789.82
1009	523914.008	2511634.879	801.75
1010	523806.847	2511862.451	801.12
1011	524291.097	2511786.544	799.13
1012	524689.774	2511834.293	803.65
1059	525346.500	2511263.939	783.63

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DESCRIPTION | DATE

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rasmith.com
Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI
Cedarburg, WI | Naperville, IL | Irvine, CA

FISH PASSAGE RESTORATION
OZAUKEE COUNTY, WISCONSIN

TENDICK CREEK
COVER SHEET

WISCONSIN
RILEY R. STONE
E-46601-6
SUMMIT
WI
2-12-24
PROFESSIONAL ENGINEER

WISCONSIN
BENJAMIN O. LEE
E-44656-6
MADISON
WISCONSIN
2/12/24
PROFESSIONAL ENGINEER

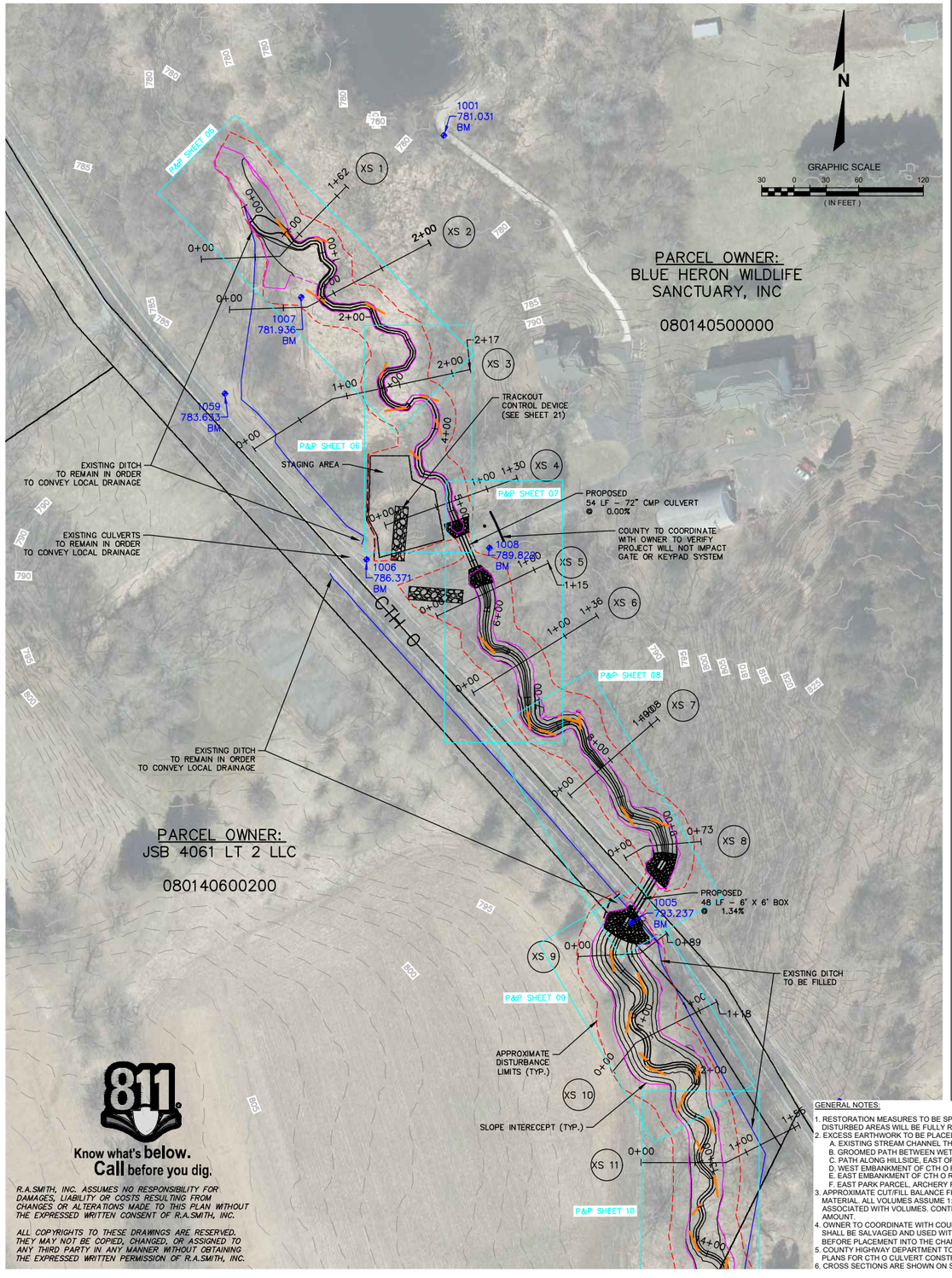
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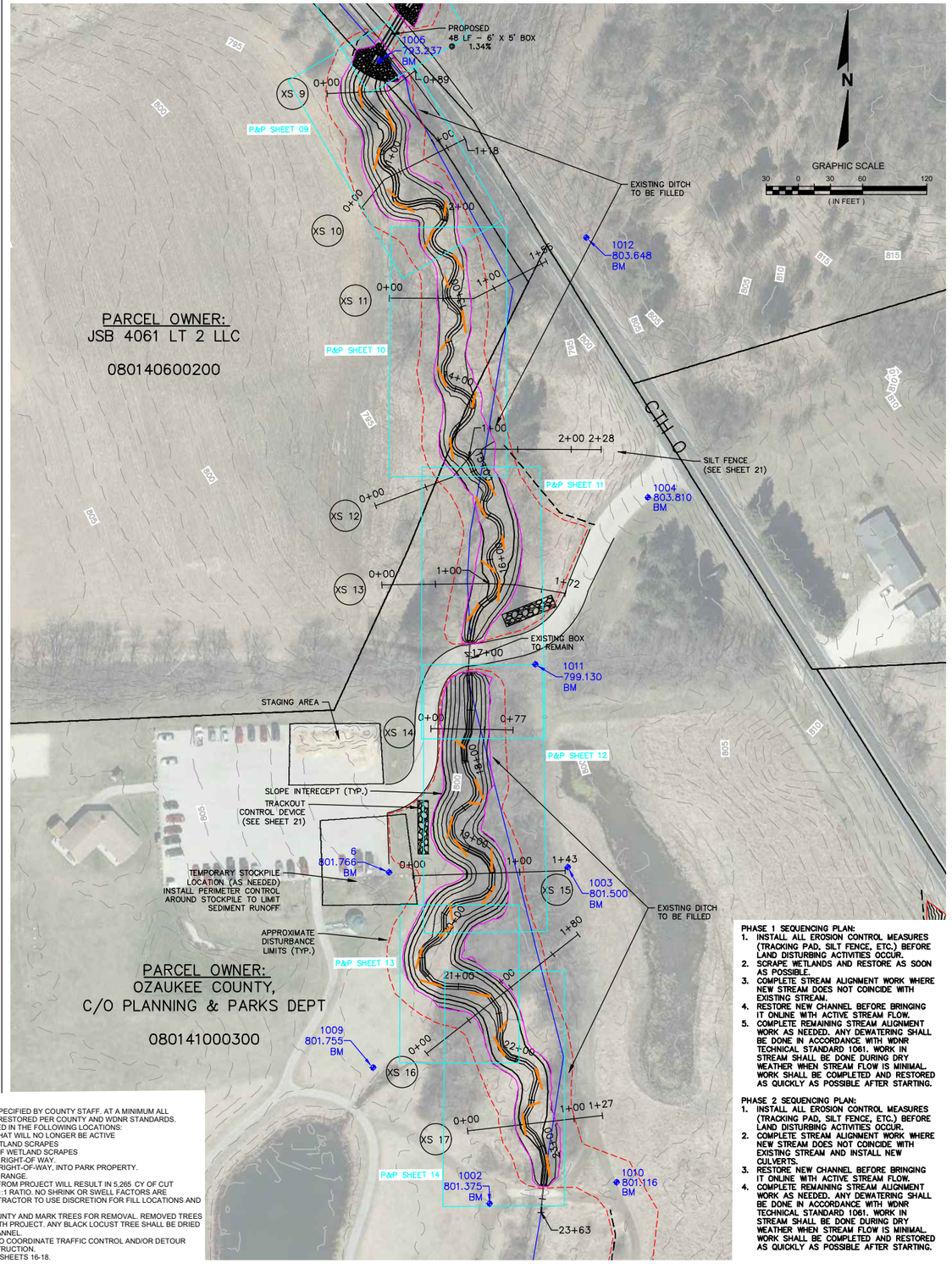
DATE: 02/12/2024
SCALE: 1" = 300'
JOB NO. 2210877
PROJECT MANAGER: RILEY R. STONE, P.E.
DESIGNED BY: RRS/BL
CHECKED BY: RRS/BL

SHEET NUMBER
COVER

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Attachment: P&P_Dept_Tendick Creek Plans 2024-10-14 (P&PDept_IncRevBA_WDNR_OGWGrant_TendickCreek&WetlandRestoration)





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FISH PASSAGE RESTORATION
OZAUKEE COUNTY, WISCONSIN

TENDICK CREEK
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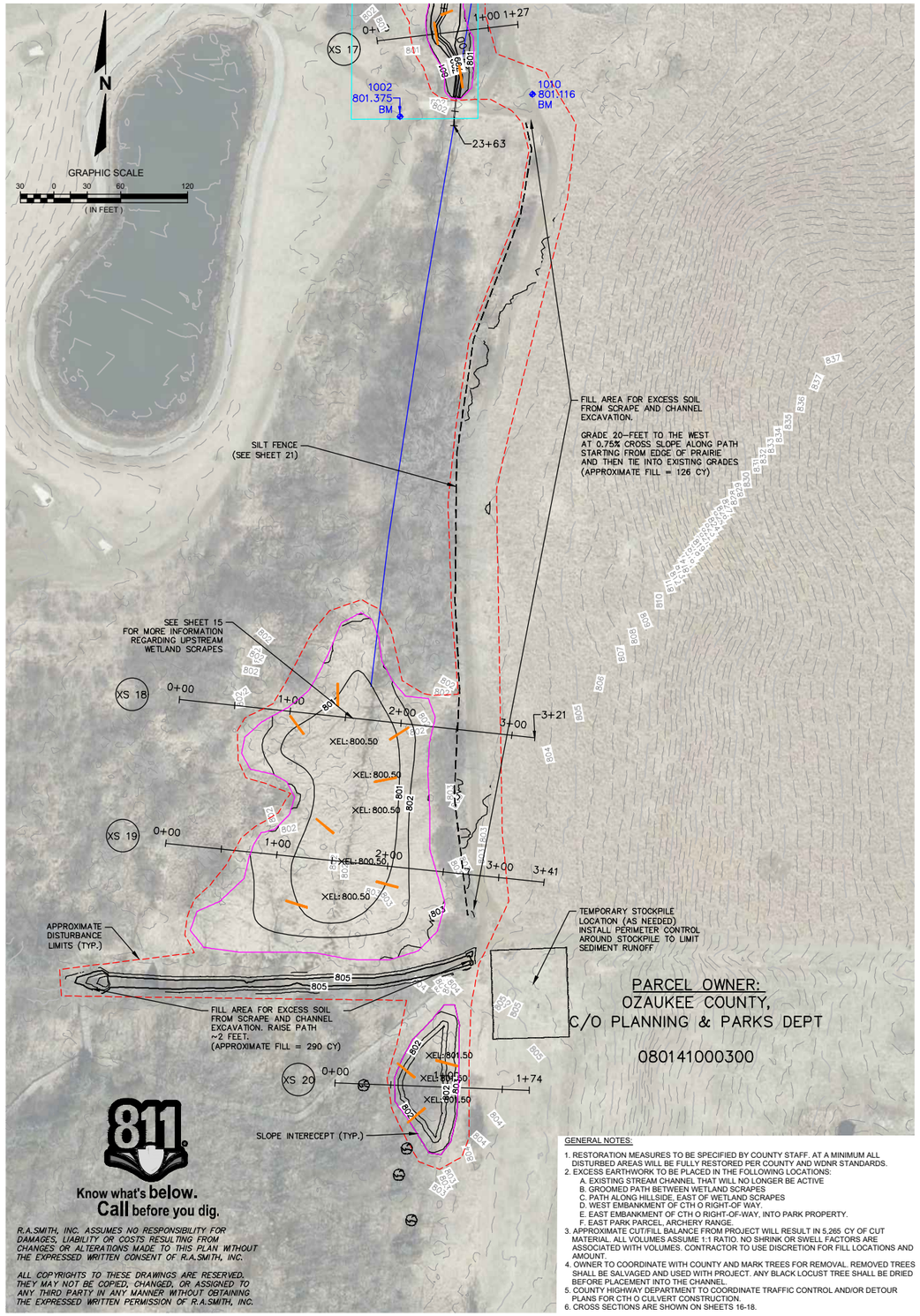
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R.A. Smith, Inc.

DATE: 02/12/2024
SCALE: 1" = 60'
JOB NO. 2210877
PROJECT MANAGER: RILEY R. STONE, P.E.
DESIGNED BY: RRS/BL
CHECKED BY: RRS/BL

SHEET NUMBER
01

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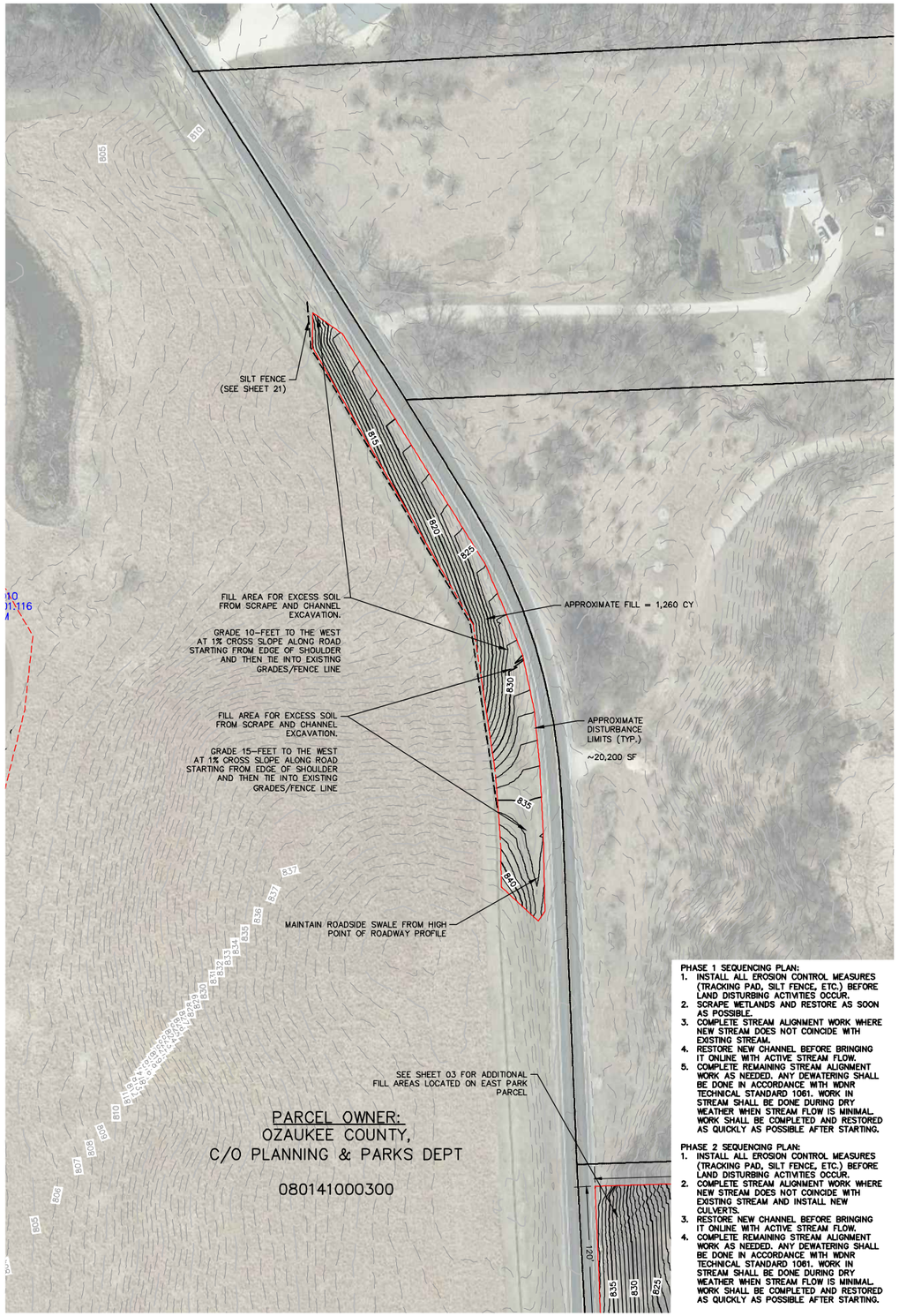
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FISH PASSAGE RESTORATION
OZAUKEE COUNTY, WISCONSIN

TENDICK CREEK
OVERVIEW PLAN

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DATE: **02/12/2024**
SCALE: **1" = 60'**
JOB NO. **2210877**
PROJECT MANAGER: **RILEY R. STONE, P.E.**
DESIGNED BY: **RRS/BL**
CHECKED BY: **RRS/BL**

SHEET NUMBER
02

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Attachment: P&P_Dept_Tendick Creek Plans 2024-10-14 (P&PDept_IncRevBA_WDNR_OGWGrant_TendickCreek&WetlandRestoration)



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OVERVIEW PLAN

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DESIGNED BY: **RRS/BL**
CHECKED BY: **RRS/BL**

SHEET NUMBER
03

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RESOLUTION NO. (ID # 10368)

SUBMITTAL AND ACCEPTANCE OF A WISCONSIN EMERGENCY MANAGEMENT GRANT FOR STREAM AND HABITAT RESTORATION ON SUCKER CREEK

WHEREAS, the Ozaukee County Planning and Parks Department is applying for Wisconsin Emergency Management Pre-Disaster Flood Resilience Implementation grant funding under a competitive request for proposals; and

WHEREAS, Ozaukee County, through the Planning and Parks Department, is implementing a comprehensive resiliency and ecological restoration project on Sucker Creek in the Town of Belgium;

WHEREAS, the primary goal of the project is to fund County activities to conduct streambank and in-stream grading, stabilization and native vegetation restoration to improve in-stream and riparian fish, avian and wildlife habitat, resiliency, and protect critical infrastructure on Sucker Creek; and

WHEREAS, financial aid is required to carry out the project; and

WHEREAS, this project is consistent with the adopted *Multi-Jurisdictional Comprehensive Plan for Ozaukee County: 2035,* the adopted *Park and Open Space Plan for Ozaukee County: 2035,* the *Ozaukee County Land and Water Resource Management Plan* and the *Ozaukee County Strategic Plan 2020 - 2024;* and

WHEREAS, this project will continue the Planning and Parks Department Ecological Division's goal to reestablish ecological and biological connections in conjunction with protecting and restoring habitat throughout the watershed; and

WHEREAS, the Wisconsin Emergency Management Pre-Disaster Flood Resilience Implementation grant funding grant has a 25% cost share requirement, which will be provided by secured National Oceanic and Atmospheric Administration Bipartisan Infrastructure Law and Inflation Reduction Act and Wisconsin Department of Natural Resources Office of Great Waters grants and a pending Fund For Lake Michigan grant which will cover any costs in excess of the estimated budget; and

NOW, THEREFORE, BE IT RESOLVED, by the Ozaukee County Board of Supervisors that the Ozaukee County Planning and Parks Department attests to the validity and veracity of the statements and representations contained in the grant application, requests a grant agreement to carry out the project, has budgeted a sum sufficient to fully and satisfactorily complete the project, and authorizes the Director of the Planning and Parks Department to act on behalf of Ozaukee County to sign and submit a Wisconsin Emergency Management Pre-Disaster Flood Resilience Implementation grant application, accept and sign a grant agreement between Ozaukee County and Wisconsin Emergency Management, act as the primary contact on the project, submit interim and/or final reports to Wisconsin Emergency Management to satisfy the grant agreement, submit grant reimbursement requests to Wisconsin Emergency Management along with necessary supporting documentation, and sign and submit other required documentation and forms, take necessary actions to initiate, direct, and complete the approved project within the provided funding timeline, and fulfill all requirements of the program contained in state program guidelines as well as other appropriate state requirements.

BE IT FURTHER RESOLVED, that Ozaukee County will comply with all local, state and/or federal rules, regulations and ordinances for the program/project and the cost share agreement; may perform force account work; will maintain the completed project in an attractive, inviting, and safe manner; and will maintain complete and accurate project accounting and records according to the Wisconsin Emergency Management project agreement for these funds; and

BE IT FURTHER RESOLVED, by the Ozaukee County Board of Supervisors that the County Clerk shall forward a copy of this resolution to Wisconsin Emergency Management.

Dated at Port Washington, Wisconsin, this 4th day of December 2024.

SUMMARY: *Application and acceptance by the Planning and Parks Department of a Wisconsin Emergency Management Pre-Disaster Flood Resilience Implementation grant to support resiliency, stream and habitat restoration on Sucker Creek.*

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Submittal and Acceptance of a Wisconsin Emergency Management Grant for Stream and Habitat Restoration on Sucker Creek

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) proposes to submit an application to the Wisconsin Emergency Management (WEM) Pre-Disaster Flood Resilience Implementation (PDFRI) grant program to support County-sponsored flood resilience, fish and wildlife habitat restoration projects. Specifically, this grant will support County activities to conduct stream and habitat restoration activities on Sucker Creek in the Town of Belgium as a continuation of ongoing fish passage, habitat restoration and resiliency work on Sucker Creek. Private foundation and landowner funding is supporting completion of design and engineering to remeander and restore several degraded stream reaches on Sucker Creek as an essential next step in improving the overall ecological diversity and resiliency of the watershed. The Department is coordinating with the design consultant, landowners, Krier Foundation and the Ozaukee County Watershed Coalition (OCWC) on overall watershed restoration planning in conjunction with ongoing fish passage remediation or restoration work. The WEM PDFRI grant will fund activities to implement design plans to provide in-stream diversity and a suitable gradient in conjunction with wetland and floodplain reconnection and restoration and environmental monitoring (see “leveraged funding area” in the attached map). Department staff and the Ozaukee County Highway Department will complete project activities. This project is supported by the County Park and Open Space Plan <https://www.co.ozaukee.wi.us/645/Park-Open-Space> within the standards set for the preservation and management of open spaces including natural areas, critical species habitats, wetlands, primary and secondary environmental corridors and isolated natural resource areas to maintain their natural value (pages 12, 15, 18, 38, 60, 175), the Comprehensive Plan for Ozaukee County: 2035 <http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf> related to the importance of aquatic connectivity projects, wetland protection, restoration and enhancement, and natural communities identified as ecological priorities for Ozaukee County (100, 103-104, 107, 282, 563), the Land and Water Resource Management Plan for Ozaukee County 2021-2030 <https://www.sewrpc.org/SEWRPCFiles/Environment/LandWaterResourceManagementPla/capr-338-OZ-County-Land-and-Water-Resource-Management-Draft.pdf> related to the protection and preservation of land and water resources including protecting and enhancing wetlands and stream corridors (pages 23, 109, 136-137, 144, 189-190, 197, 219, 243-247), and the County Strategic Plan 2020-2024 <https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-

2020-24> (pages 10, 11, 13) related to the enhance quality of life assets strategic goal.

ANALYSIS: Full proposals for the WEM PDFRI grant are due November 30, 2024. The WEM PDFRI grant request is $250,000 and the grant program has a 25% cost share requirement, which will be provided by secured National Oceanic and Atmospheric Administration (NOAA) Bipartisan Infrastructure Law and Inflation Reduction Act (BILIRA) ($3,240,000) and Wisconsin Department of Natural Resources (WDNR) Office of Great Waters (OGW) ($300,000) grants and a pending Fund For Lake Michigan (FFLM) ($130,000) grant for a total project cost of $3,920,000

(FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Revenue $250,000)

FUNDING SOURCE: County Levy: Non-County Levy: X

Indicate source: Pending WEM PDFRI and FFLM grants and secured NOAA BILIRA and WDNR OGW grants.

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the resolution for submittal and acceptance of a grant by the Planning and Parks Department to the Wisconsin Emergency Management Pre-Disaster Flood Resilience Implementation grant program for resiliency, stream and habitat restoration activities on Sucker Creek in the Town of Belgium.

ATTACHMENTS:

- P&P Dept_WEM Grants Summary (PDF)
- AS2024_NRC11072024_Grant Application Summary_WEM_SuckerCreekRestoration_ATSFinal102824 (PDF)
- P&P_Dept_Sucker Brook Creek Restoration Map (PDF)

Wisconsin Emergency Management

Pre-Disaster Flood Resilience Grant: Fact Sheet

Authority
2023 Wisconsin Act 265 created Wisconsin Statute 323.63.

Purpose
1. Identify flood vulnerabilities
2. Identify options to improve flood resiliency
3. Restore hydrology in order to reduce flood risk and damages in flood-prone communities

Eligible Applicants
- Municipalities (cities, villages, towns)
- Counties
- Regional planning commissions
- Federally recognized American Indian tribes or bands in Wisconsin
- Nonprofit organizations and private consulting organizations on behalf of one or more of the eligible applicants above

Cost Sharing Requirement
- 75% state funds
- 25% non-state funds; may be federal, local, private, or nonprofit; may include in-kind

Implementation Grants
Eligible projects will be for implementation of hydrologic restoration projects that have been identified or designed through an assessment grant or comparable assessment process. Shall support the following activities:

- regulatory coordination
- engineering and design
- construction
- post-construction monitoring

for a hydrologic restoration project that does the following:
- reconnects streams and floodplains;
- reestablishes healthy channel form and condition;
- mitigates erosion hazards;
- removes or reduces wetland drainage;
- restores or improves natural flow and movement of water or sediment; or
- reestablishes vegetation to support site stability and help manage flow and infiltration.

Implementation grant maximum award amount: $250,000.

Attachment: P&P Dept_WEM Grants Summary (P&PDept_SubmitAccept_WEMGrant_Stream&WetlandRestoreSuckerCreek)

GRANT APPLICATION SUMMARY

Project Name: Stream and Habitat Restoration on Sucker Creek
Grant Name/Agency: Wisconsin Emergency Management **CFDA/State ID: N/A**
Department: Planning and Parks **Exp Acct.** **Preparer:** Matt Aho
Total Project Amount: $3,920,000 **Grant Match Required:** 25% **Rev Acct.** **Approver:** Andrew Struck

Strategy: (Linkages to other planning efforts)

- Comprehensive Plan for Ozaukee County: 2035 (P. 100, 103, 104, 281, 282, 563)
- Ozaukee County Land and Water Resource Management Plan (P. 23, 109, 136, 137, 144, 189, 190, 197, 219, 243)
- Park and Open Space Plan for Ozaukee County (P. 12, 15, 18, 38, 60, 175)
- Ozaukee County Strategic Plan 2020-2024 (P. 10, 11, 13)

Project Scope and Expectations

- Stream remeandering and restoration
- Native vegetation restoration
- Environmental monitoring

Other Grants Supporting Project	Status	Amount
WDNR OGW	Secured	$300,000
NOAA BILIRA	Secured	$3,240,000
FFLM	Pending	$130,000

Project Partners:

- NOAA / WDNR OGW / FFLM / WEM
- Private Landowners / OCWC / Krier Fdn.
- Design and Engineering Consultants
- Ozaukee County Highway Department

Project Landowner Upon Completion:

- Private landowners

GRANT EXPENSE	
Operational Expense	**$**
Salaries & Benefits	$75,000
Travel	$2,500
Supplies	$10,000
Capital Expense	**$**
Contractual (HWY)	$152,500
Contractual (NEPA)	$10,000
TOTAL	**$250,000**
% PROJECT	**6%**

GRANT/PROJECT MATCH	
Operational Match	**$**
Other Grants	**$**
WDNR OGW	$300,000
NOAA BILIRA	$3,240,000
FFLM	$130,000
TOTAL	**$3,670,000**
% MATCH	**94%**

GRANT SUPPORTED STAFF	
Positon	**$**
Director	
Program Manager	
Conservation Biologists	
Adm Asst/Nat Res Analyst	
Senior Planner	
TOTAL	

DEPARTMENT REVENUES	
Department	**$**
Salaries & Benefits	$75,000
Travel	$2,500
Supplies	$10,000
TOTAL	**$87,500**

Project Risks:	Comments
Weather/site conditions	Completed in conjunction with fish passage projects
Contractor (HWY) availibility	Serve as match for other grants
Timelines	Overall project costs ~ $3,920,000
Permitting	
Landowner coordination	

Major Milestones			Date
Award Notification			Jan-25
Permitting			Apr-25
Construction and Restoration			Oct-26
Final Reporting			Dec-26
Duration:	2 years	**Extension:**	NA

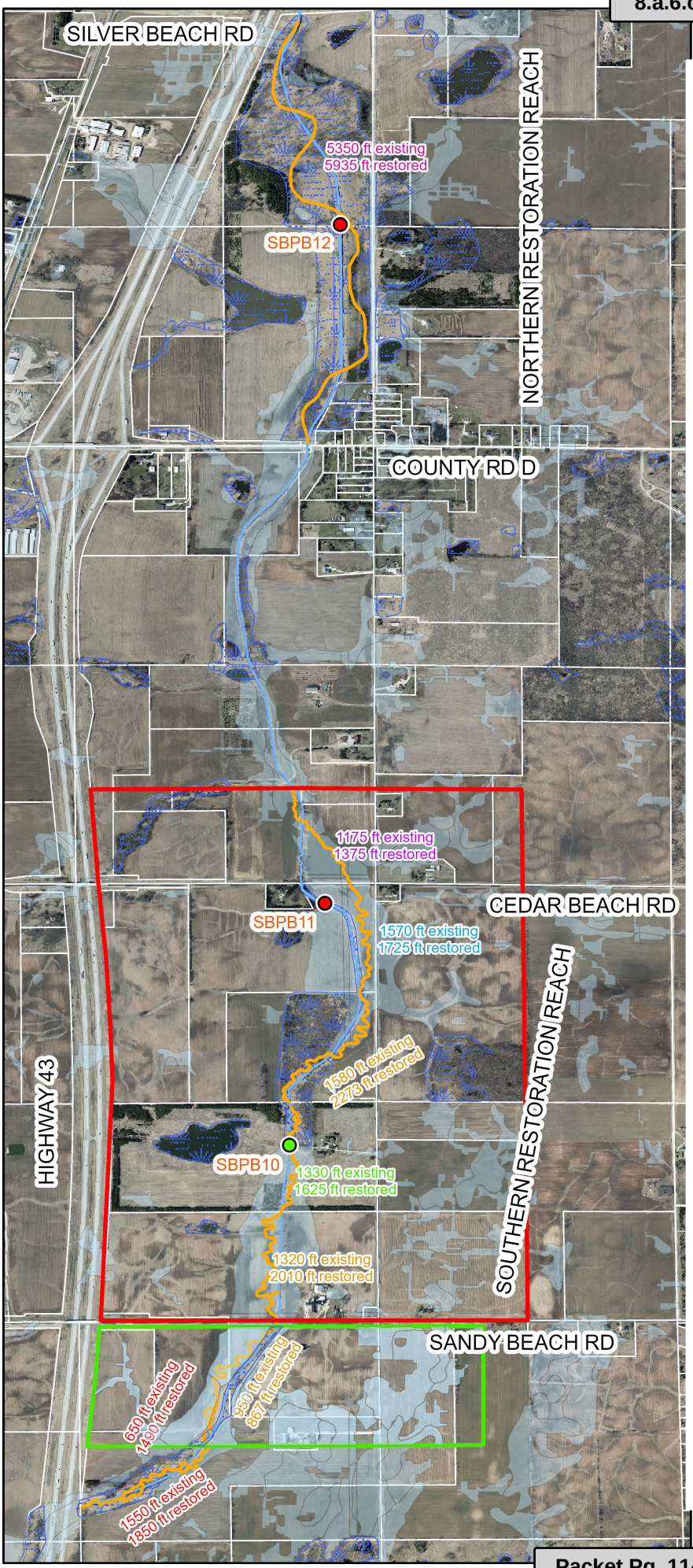
Attachment: AS2024_NRC11072024_Grant Application

Sucker Creek

Northern Post-Restoration Reach: ~5,935 linear ft

Southern Post-Restoration Reach: ~13,215 linear ft

Total: ~19,150 linear ft of stream restored



0 0.19 0.38 0.75 Miles

N

OZAUKEE COUNTY PLANNING AND PARKS

Legend

- Removed Impediment
- Existing Culvert Impediment
- Proposed Channel
- Sucker Creek Existing Channel
- Wetland (WI Wetland Inventory 2019)
- Potentially Restorable Wetland
- Parcels
- NOAA BIL Project Area
- Leveraged Funding Project Area
- PotentiallyRestorableWetland_Clip
- Wetland_Clip

Attachment: P&P_Dept_Sucker Brook Creek Restoration Map (P&PDept_SubmitAccept_WEMGrant_Stream&WetlandRestoreSuckerCreek)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Golf Course Division Equipment Purchase – Golf Simulators

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) has been identifying opportunities to utilize year-round use of the golf courses clubhouses. With the rise in golf popularity and innovations in golf technology there is an opportunity to serve our golf clientele in the typical off-season. A golf simulator is a high-tech system that allows golfers to play virtual golf indoors. It uses a combination of hardware and software to recreate the experience of playing on a real golf course. Using cameras and sensors the ball's flight path, speed, and spin is recorded allowing the software to calculate the ball's trajectory and show where it would have landed on the virtual course. The golfer hits into a large screen which displays a virtual golf course. Golf simulators can provide a realistic gameplay experience and offer many benefits, including year-round golfing, data and analysis of the golfer's swing, and video of the swing to provide instant feedback

ANALYSIS: Golf simulators can be installed in the clubhouses in the off-season and removed and stored when space is needed for summer use of the clubhouses. One simulator could remain set up in the lower level of the Hawthorne Hills Clubhouse year-round. Quotes were sought for a quantity of four (4) simulators and received as follows:

- Foresight Sports $57,396.00

- Trackman $81,381.50

- Rain or Shine Golf $51,404.40

The Golf Course Pro Shop Supervisor recommendation is the Foresight Sports Sim-In-A-Box Birdie plus package with the FSX software license. The Foresight package includes a permanent software license with no recurring subscription fees. The other two companies require annual subscription and licensing fees which can be over $1,000 each unit every year depending on the package. The Foresight package includes the ability to play world famous golf courses including St. Andrews, Pebble Beach, and Valderama. This is a popular feature in the simulator market.

Simulator use would be priced at $25 per half hour. Approximate usage schedule would include team league play 3 days a week (Tuesday through Thursday) and public play 4 days a week (Friday through Monday). The anticipated golf simulator revenue is expected to cover all costs within 2 years of use with gross revenue at approximately $50,000. Estimates include the cost of Department staff running the simulators. The Concessionaire FC Ventures has agreed to run the simulators when they are operating as they intend to staff the bar and restaurant serving the golf clientele. Ozaukee County would retain all income from the simulators.

FISCAL IMPACT:

Balance Current Year: $57,396

Next Year's Estimated Cost: N/A

FUNDING SOURCE:

County Levy: Non-County Levy: X Indicate source: Golf Division Cost Center - 503

RECOMMENDED MOTION: Approve the purchase of four Foresight Sports Sim-In-A-Box Birdie plus package with the FSX software license at a total cost of $57,396 for the Planning and Parks Department - Golf Division per the 2025 budget.

ATTACHMENTS:

- P&P_Dept_ForesightSimulatorPhotos (PDF)
- P&P_Dept_Foresight simulator quote (PDF)
- Simulator Revenue and Expense 10.21.24 (PDF)

NATURAL RESOURCES COMMITTEE



Attachment:



Attachment:

9955 BLACK MOUNTAIN ROAD | SAN DIEGO, CA 92126
P: 858.880.0179 | F: 858.271.0017
FORESIGHTSPORTS.COM

QUOTE

BILL TO	Mee-Kwon Park & Hawthorne Hills 6333 Bonniwell Rd. Mequon, Wisconsin 53092 (262) 339-1086 Evan Hewes ehewes@co.ozaukee.wi.us	**SHIP TO**	Mee-Kwon Park & Hawthorne Hills 6333 Bonniwell Rd. Mequon, Wisconsin 53092 (262) 339-1086 Evan Hewes ehewes@co.ozaukee.wi.us	Created Created by Sales Rep E-mail Expiration Quote# PO# Tracking# Terms	10/17/24 Michael Bollerud Michael Bollerud mbollerud@foresightsports.com 10/17/24 00171864 2024-10-17 17:13:08Z Wire / Check / Credit Card

QTY	PRODUCT	DESCRIPTION	LIST PRICE	SALES PRICE	TOTAL
4.0	6750-6000	GC3 Launch Monitor System.	$4,999.00	$3,824.00	$15,296.00
4.0	6780-1102	Sim-In-A-Box: Birdie Plus Package (GC3)	$7,500.00	$6,375.00	$25,500.00
4.0	8000-4017	FSX Performance Software License ONLINE ACTIVATION (GC3 Only) - includes FSX Pro, Fairgrounds, Courses & Range. Permanent License.	$3,000.00	$1,700.00	$6,800.00
4.0	8000-4018	Upgrade From FSX 2020 to FSX Play.	$500.00	$425.00	$1,700.00
4.0	8200-0006	Sim-in-A-Box Birdie Course Bundle - Pebble 3-pack, St Andrews 4-pack, Pitch/Putt, Valderrama, Carnoustie	$2,950.00	$1,275.00	$5,100.00
4.0	FSS00003500	Software, Awesome Golf Lifetime Membership	$349.00	$0.00	$0.00
4.0	Shipping	Shipping, Handling and Insurance Charges	$0.00	$750.00	$3,000.00

Additional Instructions:

Subtotal	$57,396.00
Tax	$0.00
Grand Total	$57,396.00

All Sales are final and subject to Foresight Sports Terms and Conditions of Sales published at http://www.foresightsports.com/content/legal-trademark.

Attachment: P&P_Dept_Foresight simulator quote (P&PDept_GolfDivision_EquipmentPurchase_GolfSimulator)

Ozaukee County Golf Course (Mee-Kwon Park)
Golf Simulator
Projected Revenue

October 21st, 2024 thru December 20, 2024								
		Days	Hours	Revenue per hour	Total revenue (2 Simulators)	100% Useage	80% Useage	50% Useage
Leagues	1. Six (6) hours per night 2. Tuesday, Wednesday,Thursday 3. 2-Person Teams (12 team limit) 4. Eight (8) week sessions 5. $200 per person	24	144	$ 80.00	$ 11,520.00	$ 11,520.00	$ 9,216.00	$ 5,760.00
Public Play	1. Monday, Friday, and weekends 2. $25 per half hour / $50 per hour 3. Six (6) hours per day	32	192	$ 80.00	$ 15,360.00	$ 15,360.00	$ 12,288.00	$ 7,680.00

January 5th, 2025 thru March 2nd, 2025								
		Days	Hours	Revenue per hour	Total revenue (2 Simulators)	100% Useage	80% Useage	50% Useage
Leagues	1. Six (6) hours per night 2. Tuesday, Wednesday,Thursday 3. 2-Person Teams (12 team limit) 4. Eight (8) week sessions 5. $200 per person	24	144	$ 80.00	$ 11,520.00	$ 11,520.00	$ 9,216.00	$ 5,760.00
Public Play	1. Monday, Friday, and weekends 2. $25 per half hour / $50 per hour 3. Six (6) hours per day	32	192	$ 80.00	$ 15,360.00	$ 15,360.00	$ 12,288.00	$ 7,680.00
	TOTAL REVENUE MEE-KWON PARK					**$ 53,760.00**	**$ 43,008.00**	**$ 26,880.00**

Ozaukee County Golf Course (Hawthorne Hills)
Golf Simulator
Projected Revenue

October 21st, 2024 thru December 20, 2024								
		Days	Hours/week	Revenue per hour	Total revenue (2 Simulators)	100% Useage	80% Useage	50% Useage
Leagues	1. Six (6) hours per night 2. Tuesday, Wednesday,Thursday 3. 2-Person Teams (12 team limit) 4. Eight (8) week sessions 5. $200 per person	24	144	$ 80.00	$ 11,520.00	$ 11,520.00	$ 9,216.00	$ 5,760.00
Public Play	1. Monday, Friday, and weekends 2. $25 per half hour / $50 per hour 3. Six (6) hours per day	32	192	$ 80.00	$ 15,360.00	$ 15,360.00	$ 12,288.00	$ 7,680.00

January 5th, 2025 thru March 2nd, 2025								
		Days	Hours/week	Revenue per hour	Total revenue (2 Simulators)	100% Useage	80% Useage	50% Useage
Leagues	1. Six (6) hours per night 2. Tuesday, Wednesday,Thursday 3. 2-Person Teams (12 team limit) 4. Eight (8) week sessions 5. $200 per person	24	144	$ 80.00	$ 11,520.00	$ 11,520.00	$ 9,216.00	$ 5,760.00
Public Play	1. Monday, Friday, and weekends 2. $25 per half hour / $50 per hour 3. Six (6) hours per day	32	192	$ 80.00	$ 15,360.00	$ 15,360.00	$ 12,288.00	$ 7,680.00
	TOTAL REVENUE HAWTHORNE HILLS					**$ 53,760.00**	**$ 43,008.00**	**$ 26,880.00**
	TOTAL Revenue (Both Courses)					**$ 107,520.00**	**$ 86,016.00**	**$ 53,760.00**

October 21st, 2024 thru March 2nd, 2025								
		Days	Hours	Expense per hour	Total expense	100% Useage	80% Useage	50% Useage
Payroll	Mee-Kwon	56	336	$ 15.70	$ 5,275.20	$ 5,275.20	$ 4,220.16	$ 2,637.60
	Hawthorne Hills	56	336	$ 15.70	$ 5,275.20	$ 5,275.20	$ 4,220.16	$ 2,637.60
Simulators	Mee-Kwon				$ 28,698.00	$ 28,698.00	$ 28,698.00	$ 28,698.00
	Hawthorne Hills				$ 28,698.00	$ 28,698.00	$ 28,698.00	$ 28,698.00
Assembly	Mee-Kwon - materials				$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00
	Hawthorne Hills - materials				$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00
	TOTAL Expense (Both Courses)				**$ 69,946.40**	**$ 69,946.40**	**$ 67,836.32**	**$ 64,671.20**

Gross Profit/Loss 1st Year	**$ 37,573.60**	**$ 18,179.68**	**$ (10,911.20)**
Gross Profit/Loss 2nd Year	**$ 96,969.60**	**$ 77,575.68**	**$ 48,484.80**
Gross Profit/Loss 3rd Year	**$ 96,969.60**	**$ 77,575.68**	**$ 48,484.80**
Gross Profit/Loss 4th Year	**$ 96,969.60**	**$ 77,575.68**	**$ 48,484.80**
Gross Profit/Loss 5th Year	**$ 96,969.60**	**$ 77,575.68**	**$ 48,484.80**
Gross Profit/Loss 6th Year	**$ 96,969.60**	**$ 77,575.68**	**$ 48,484.80**
Gross Profit/Loss 7th Year	**$ 96,969.60**	**$ 77,575.68**	

Attachment: Simulator Revenue and Expense 10.21.24 (P&PDept_GolfDivision_EquipmentPurchase_GolfSimulator)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Proposal and Contract for Cultural Resource Investigations and Surveys to Support Stream and Wetland Restoration Activities at Tendick Nature County Park

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was awarded a grant from the Wisconsin Department of Natural Resources (WDNR) Office of Great Waters (OGW) (pass through USEPA - Great Lakes Restoration Initiative (GLRI) grant) to support County-sponsored fish and wildlife habitat restoration projects. Specifically, this grant will support County activities to conduct stream and wetland restoration activities on Tendick Creek at Tendick Nature County Park in the Town of Saukville. Completion of cultural resources investigations and surveys (literature review and field investigation) for the project area is a formal requirement of the WDNR OGW grant.

ANALYSIS: The Department directly solicited proposals from multiple cultural resource consultants in southeast Wisconsin. Consultants were required to submit proposals including an overview of project understanding and approach, provide project costs and demonstrate completion of the project and associated deliverables to meet critical permitting and construction timelines. The Department received five proposals, which were reviewed for completeness, cost and timeline (see attached proposal summary). The Department also completed reference checks with WDNR. The Wisconsin Historical Society (WHS) demonstrated their experience and expertise necessary to meet critical project deadlines and their proposal is the staff recommendation. The WHS proposal cost is $5,100 and staff recommends including a 20% ($1,020) contingency to cover any change orders for a total not to exceed sum of $6,120. Project costs are provided for by the WDNR OGW grant as included in the pending WDNR OGW budget amendment (e.g., professional services). This contract is contingent upon negotiation of professional services contract terms satisfactory to the Ozaukee County Planning and Parks Department.

FISCAL IMPACT: Balance Current Year: $6,120

Next Year's Estimated Cost: NONE

FUNDING SOURCE: County Levy: Non-County Levy: X

Indicate source: WDNR OGW grant (awarded)

RECOMMENDED MOTION: Accept the proposal from the Wisconsin Historical Society and approve a professional services contract, contingent upon Corporation Counsel approval, with the Wisconsin Historical Society for a not to exceed sum of $6,120, which includes a 20% contingency, for a cultural resources investigations and survey to support stream and wetland restoration activities in Tendick Nature Park. This contract is contingent upon negotiation of

professional services contract terms satisfactory to the Ozaukee County Planning and Parks Department.

ATTACHMENTS:

- P&P_Dept_Tendick Creek Cultural Resource Surveys Proposal Comparison Sheet 11.5.24 (PDF)
- P&P_Dept_Ozaukee County_Fish Passage Restoration_Tendick Creek_Proposal_WHS (PDF)

NATURAL RESOURCES COMMITTEE

Tendick Creek Cultural Resource Surveys Proposal Comparison Sheet			
Consultant	**Fee**	**Final Completion Date**	**Comments**
Chronicle Heritage	$5,630		Commence within 1 working day of notice to proceed, 2 days of fieldwork, reporting submitted within 15 days of fieldwork completion.
Wisconsin Historical Society	$5,100	12/1/2024	
TRC	$11,300		Commence within 14 days from notice to proceed, draft letter submitted within 14 days after fieldwork completion. Final letter submitted 1 week after review comments. Proposal includes overhead costs.
Midwest Archeological Consultants	$3,950		Fieldwork will be finished in November 2024, report submitted within 5 days of fieldwork completion.
UWM CRM	$9,400		Proposal does not specify completion date, verbal discussions indicated completion in early December 2024.

Attachment: P&P_Dept_Tendick Creek Cultural Resource Surveys Proposal Comparison Sheet 11.5.24

WISCONSIN HISTORICAL SOCIETY

DATE: November 1, 2024

TO: Mr. Matt Aho, Program Manager, Ozaukee County Planning and Parks Department

FROM: Luther J. Leith PhD, RPA, Museum Archaeology Program

SUBJECT: Fish Passage Restoration, Tendick Creek Project
Ozaukee County
Section 106 Archaeological Phase I Survey

Dear Mr. Aho,

The Museum Archaeology Program of the Wisconsin Historical Society (WHS-MAP) is pleased to submit this proposal to Ozaukee County Planning and Parks Department to provide Archaeological Phase I Survey services pursuant to Section 106 of the National Historic Preservation Act (NHPA) for the proposed Fish Passage Restoration, Tendick Creek Project in Ozaukee County, Wisconsin (hereinafter referred to as the "Project").

WHS-MAP has provided parallel services across the State of Wisconsin under Federal and State Regulations and local ordinances. WHS-MAP's team for the Project will be led by Dr. Luther J. Leith. Dr. Leith has extensive experience with archaeological investigations throughout Wisconsin and has participated in archaeological surveys and monitoring across the state for over 10 years. Luther meets the Secretary of the interior's Professional Qualification Standards in both prehistoric and historic archaeology, as defined in 36 CFR 61, Appendix A, and is listed on the Archaeologists Qualified to Excavate Burials in the State of Wisconsin.

The following sections outline the scope of work, cost, and assumptions to complete the Project on behalf of Ozaukee County. This proposal was developed based on background materials and an email request from Ozaukee County dated 10/30/2024.

Should you have any questions regarding the proposal, please contact the Archaeological Principal Investigator, Luther J. Leith at 608-516-6954 or at luther.leith@wisconsinhistory.org.

Regards

Luther J. Leith PhD, RPA

Attachment: P&P_Dept_Ozaukee County_Fish Passage Restoration_Tendick Creek_Proposal_WHS

Scope of Work

Based on our understanding, the Project will consist of Archaeological Phase I Survey associated with the Fish Passage Restoration, Tendick Creek Project in Ozaukee County, Wisconsin. Based on the information provided, the area to be investigated consists the Phase 1 project location and potential fill areas. The survey area totals roughly eight (8) acres. The archaeological investigations will be conducted in compliance with Section 106 of the NHPA, WHS-MAP will complete the following:

Step 1. Background Research

Upon receiving notice to proceed, a signed agreement, and prior to beginning field work, WHS-MAP will obtain a Wisconsin Public Lands Field Archaeological Permit. WHS-MAP will also conduct a thorough literature review of the Project area to document the current cultural resources in the area and the likelihood of encountering cultural resources.

Step 2. Archaeological Investigations

After completion of the background research, WHS-MAP will complete a Phase I Shovel Test Survey of the Project area. This proposal assumes that roughly eight (8) acres will require shovel testing due to vegetation cover. Further we assume no cultural material will be encountered.

Step 3. Archaeological Documentation and Reporting

Following completion of the Phase I Survey, a letter report will be drafted addressing the project and will be submitted to Ozaukee County for review and approval. This report will include a background for the Project area, a description of the methods used, and the field results. The report will also include WHS-MAP's recommendations for project clearance or any additional work that may be needed. Exhibits attached to the report will include project location maps and images. This report can then be submitted to WisDNR for compliance with Section 106 of the NHPA and for clearance to proceed with the project.

Cost

WHS-MAP will complete the scope of work with assumptions outlined in the proposal for a cost incurred not to exceed fee of $5,100.00, and is broken down in the following table:

Activity	Cost
Background Research and Permitting	$600.00
Phase I Shove Test Survey (~8 ac, Crew of 3, 3, 8hr days including travel time and expenses)	$3,900.00
Phase I Survey Reporting (research, writing and submittal)	$600.00
Total	$5,100.00

Timetable

WHS-MAP will complete the Survey and Reporting by December 1, 2024, assuming no delays due to contracting or permitting delays.

Attachment: P&P_Dept_Ozaukee County_Fish Passage Restoration_Tendick Creek_Proposal_WHS

Any additional work deemed necessary, including but not limited to 1) additional Phase I investigations beyond 3 8-hr days, 2) recovery of archaeological material. 3) human remains encountered, and 4) Native American/SHPO consultation is outside of the scope and cost provided herein and will require an approved Change Order from Ozaukee County before WHS-MAP will be able to commence additional work. WHS-MAP will work with Ozaukee County to develop an additional scope of work should this be necessary.

This Cost proposal assumes:

1) Client will notify landowners and obtain all required permissions prior to survey
2) Reasonable and safe access to the project area is assured.
3) The proposed APE will be clearly marked.
4) The survey area will total ~8 ac
5) Up to one (1) mobilization totaling 24 hrs including travel for the Phase I Survey
6) No archaeological material or human remains will be identified, if a material is identified WHS-MAP will coordinate with Ozaukee County to develop a Change of Scope to cover additional costs for analysis, reporting and curation.
7) No human remains will be encountered.

Attachment: P&P_Dept_Ozaukee County_Fish Passage Restoration_Tendick Creek_Proposal_WHS

AGREEMENT BETWEEN
THE WISCONSIN HISTORICAL SOCIETY AND
OZAUKEE COUNTY PLANNING AND PARKS DEPARTMENT.

For Archaeological Phase I Survey
Ozaukee County, Wisconsin

This agreement is between the Wisconsin State Historical Society, Museum Archaeology Program, (herein referred to as WHS) and Ozaukee County Planning and Parks Department, and shall be effective on the date signed by the representatives of these two agencies.

1. The Wisconsin Historical Society will undertake Archaeological Phase I Survey for the following construction project:
   Fish Passage Restoration,
   Tendick Creek Project
   Ozaukee County

2. The aforementioned investigations will consist of an Archaeological Phase I Survey in compliance with Section 106 of the National Historic Preservation Act.

3. Costs incurred by the WHS in conducting these investigations will be subject to reimbursement by Ozaukee County Planning and Parks Department. The total cost of this work will not exceed $5,100.00 and expenses will be invoiced to Ozaukee County Planning and Parks Department monthly.

4. This research will include expenses incurred to conduct the Archaeological Phase I Survey, the preparation of required permits and the preparation of a letter report detailing the results of investigations and monitoring. Ozaukee County Planning and Parks Department will provide the dates of fieldwork, and cooperation among Ozaukee County Planning and Parks Department, and the WHS Museum Archaeology Program will be maintained throughout the duration of the project.

_____ _____
Jason Kennedy Date
Museum Archaeology Program Director
Wisconsin Historical Society

_____ _____
Ozaukee County Planning and Date
Parks Department.

Attachment: P&P_Dept_Ozaukee County_Fish Passage Restoration_Tendick Creek_Proposal_WHS

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Update on "A Park and Open Space Plan for Ozaukee County (4th Edition)"

Final Review Draft of "A Park and Open Space Plan for Ozaukee County (4th Edition)", available at <https://ozaukeecounty.gov/551/Planning-Division>

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Update on Ozaukee Interurban Trail Grant Projects - Repaving and STH 60 Extension

ATTACHMENTS:

- 48222270_pln_90%-reduced (PDF)
- 48222270_est_90 (PDF)

NATURAL RESOURCES COMMITTEE

CONSTRUCTION PLANS
FOR
OZAUKEE INTERURBAN TRAIL

CO LN-GRAFTON C LMT EXCLD C PT WASH

OZAUKEE COUNTY

WISDOT ID: 4822-22-70

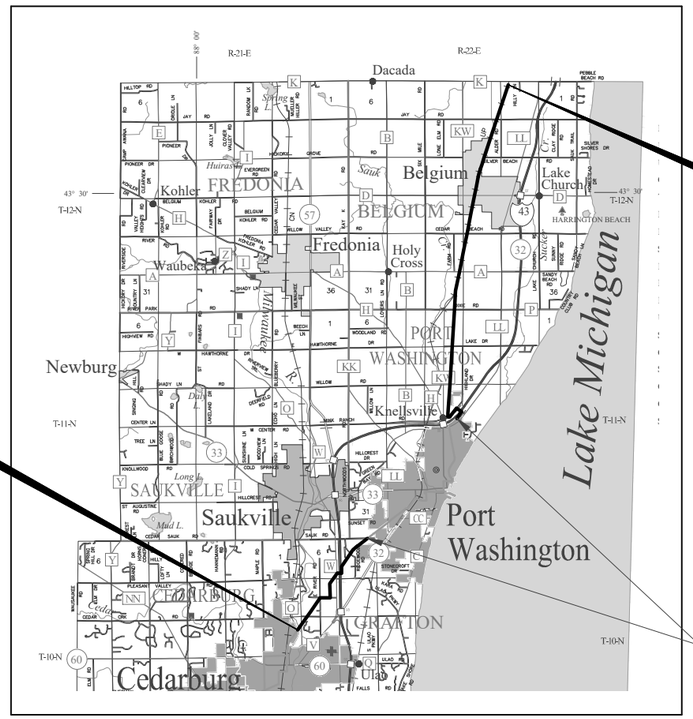
LEGEND
(PROPOSED FEATURES)

- TREE REMOVAL
- EXISTING CONCRETE PAVEMENT TO BE REMOVED
- EXISTING ASPHALT PAVEMENT TO BE REMOVED
- EXISTING GRAVEL TO BE REMOVED
- EXISTING BUILDING/STRUCTURE TO BE REMOVED
- SAWCUT LINE
- PROPOSED PROPERTY LINE
- PROPOSED SITE LIGHTING (DESIGNED BY OTHERS, FOR REFERENCE ONLY)
- MONUMENT SIGNS (CONSTRUCTION DETAILS BY OTHERS)
- SIGN
- HEAVY-DUTY CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- HEAVY-DUTY ASPHALT PAVEMENT
- STANDARD-DUTY ASPHALT PAVEMENT
- COLORED AND STAMPED CONCRETE
- PROPOSED 18" HIGH-SIDE CURB & GUTTER (AS SHOWN ON SITE PLAN)
- PROPOSED 18" STANDARD CURB & GUTTER (AS SHOWN ON SITE PLAN)
- PROPOSED ACCESSIBLE PAVEMENT MARKING
- VAN ACCESSIBLE STALL
- PROPOSED TYPE 3 CURB RAMP (SEE DETAIL SHEET. NOTE LINEWORK ON PLAN IS SYMBOLIC ONLY.)
- PROPOSED TYPE 3A CURB RAMP (SEE DETAIL SHEET. NOTE LINEWORK ON PLAN IS SYMBOLIC ONLY.)
- PROPOSED TYPE 4 CURB RAMP (SEE DETAIL SHEET. NOTE LINEWORK ON PLAN IS SYMBOLIC ONLY.)
- PROPOSED TYPE 4A CURB RAMP (SEE DETAIL SHEET. NOTE LINEWORK ON PLAN IS SYMBOLIC ONLY.)
- PROPOSED TYPE 7 CURB RAMP (SEE DETAIL SHEET. NOTE LINEWORK ON PLAN IS SYMBOLIC ONLY.)
- DOOR
- STRUCTURAL RETAINING WALL – (DESIGNED BY OTHERS)
- 869.5 PROPOSED 0.5-FOOT GRADE CONTOUR (ONLY USED WHEN CRITICAL)
- 869 PROPOSED 1-FOOT GRADE CONTOUR
- 870 PROPOSED 5-FOOT GRADE CONTOUR
- 877.70 PROPOSED SPOT GRADE
- (877.70) PROPOSED TOP OF CURB
- 877.70 TW PROPOSED FINISHED SURFACE GRADE ADJACENT TO TOP OF WALL
- 877.00 BW PROPOSED FINISHED SURFACE GRADE ADJACENT TO BASE OF WALL
- SILT FENCE PROPOSED EROSION CONTROL BALE TEMPORARY DITCH CHECK
- PROPOSED INLET PROTECTION
- PROPOSED SILT FENCE
- PROPOSED TEMPORARY DIVERSION SWALE & BERM
- PROPOSED LEVEL SPREADER
- PROPOSED STONE TRACKING MAT
- PROPOSED PERMANENT TURF REINFORCEMENT MAT
- EROSION CONTROL BLANKET
- PROPOSED RIPRAP
- PROPOSED GAS LINE
- PROPOSED ELECTRIC LINE
- PROPOSED TELEPHONE LINE
- PROPOSED WATER MAIN
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED FIRE DEPARTMENT CONNECTION
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED INLET/ CB
- PROPOSED STORM MANHOLE
- PROPOSED AREA DRAIN
- PROPOSED SANITARY MANHOLE

LEGEND

- ( ) INDICATES RECORDED DIMENSION WHERE DIFFERENT FROM ACTUAL MEASUREMENT
- SECTION OR 1/4 SECTION CORNER AS DESCRIBED
- 1" DIA. IRON PIPE FOUND (UNLESS OTHERWISE NOTED)
- 1" DIA. IRON PIPE, 18" LONG-SET (UNLESS OTHERWISE NOTED)
- BOLLARD
- SOIL BORING/MONITORING WELL
- FLAGPOLE
- MAILBOX
- SIGN
- BILLBOARD
- A AIR CONDITIONER
- B CONTROL BOX
- TRAFFIC SIGNAL
- RAILROAD CROSSING SIGNAL
- C CABLE PEDESTAL
- POWER POLE
- GUY POLE
- GUY WIRE
- LIGHT POLE
- SPOT/YARD/PEDESTAL LIGHT
- HANDICAPPED PARKING
- E ELECTRIC MANHOLE
- E ELECTRIC PEDESTAL
- ELECTRIC METER
- ELECTRIC TRANSFORMER
- T TELEPHONE MANHOLE
- T TELEPHONE PEDESTAL
- FO MARKED FIBER OPTIC
- GAS VALVE
- GAS METER
- GAS WARNING SIGN
- ST STORM MANHOLE
- ROUND INLET
- SQUARE INLET
- STORM SEWER END SECTION
- S SANITARY MANHOLE
- SANITARY CLEANOUT OR SEPTIC VENT
- SANITARY INTERCEPTOR MANHOLE
- MISCELLANEOUS MANHOLE
- WATER VALVE
- HYDRANT
- W WATER SERVICE CURB STOP
- W WATER MANHOLE
- WELL
- WATER SURFACE
- WETLANDS FLAG
- MARSH
- CONIFEROUS TREE
- DECIDUOUS TREE
- SHRUB
- S EDGE OF TREES
- SANITARY SEWER
- STO STORM SEWER
- W WATERMAIN
- G MARKED GAS MAIN
- E MARKED ELECTRIC
- OHW OVERHEAD WIRES
- B BUREAU ELEC. SERV.
- T MARKED TELEPHONE
- TV MARKED CABLE TV LINE
- FO MARKED FIBER OPTIC
- 780 INDICATES EXISTING CONTOUR ELEVATION
- × 780.55 INDICATES EXISTING SPOT ELEVATION
- EXISTING PROPERTY LINE
- EXISTING EASEMENT LINE

VICINITY MAP



END PROJECT
STA 909+60

BEGIN PROJECT
STA 100+19.58

NET EXCEPTION TO CL LENGTH
STA 274+49.95 - STA 400+00.00

N

PLAN INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3	TYPICAL SECTIONS
4 – 12	PLAN
13 – 14	CONSTRUCTION DETAILS
15 – 24	STANDARD DETAIL DRAWINGS
25 – 30	SIGN PLATES

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raSmith
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rasmith.com

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90% DRAFT PS&E: 10/28/2024

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DESCRIPTION | DATE

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Cedarburg, WI | Naperville, IL | Irvine, CA

OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY
TITLE SHEET

DRAFT

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DATE: 10/28/2024
SCALE: ########
JOB NO. 2245338
PROJECT MANAGER: T. HATJES
DESIGNED BY: MCG
CHECKED BY:

SHEET NUMBER
1

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

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UNION PACIFIC RAILROAD
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INDUSTRY & PUBLIC PROJECTS ENGINEERING DEPARTMENT
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EMAIL: cdailey@atcllc.com

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W140 N9100 LILLY ROAD
MENOMONEE FALLS, WI 53051
PHONE: 262-502-6831
EMAIL: joseph.fellenz@we-energies.com
EMAIL: We-Utility-relocations@we-energies.com

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WE ENERGIES – GAS/PETROLEUM
SYDNEY BATCHELOR
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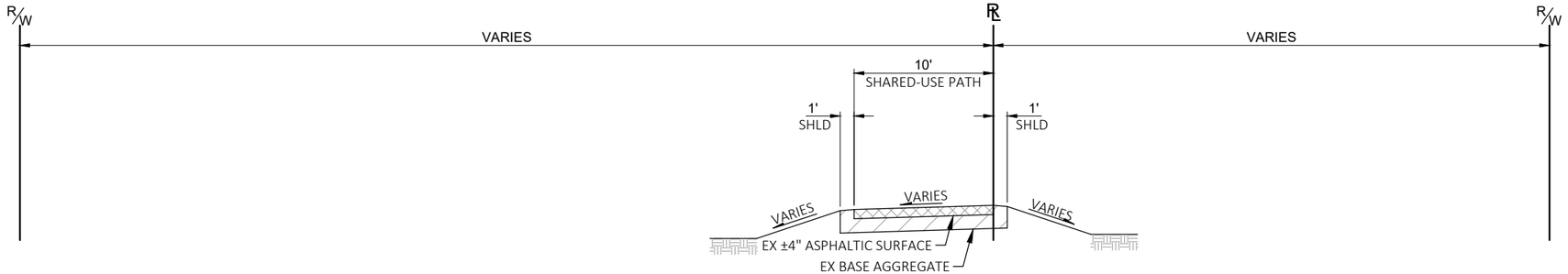
GENERAL NOTES

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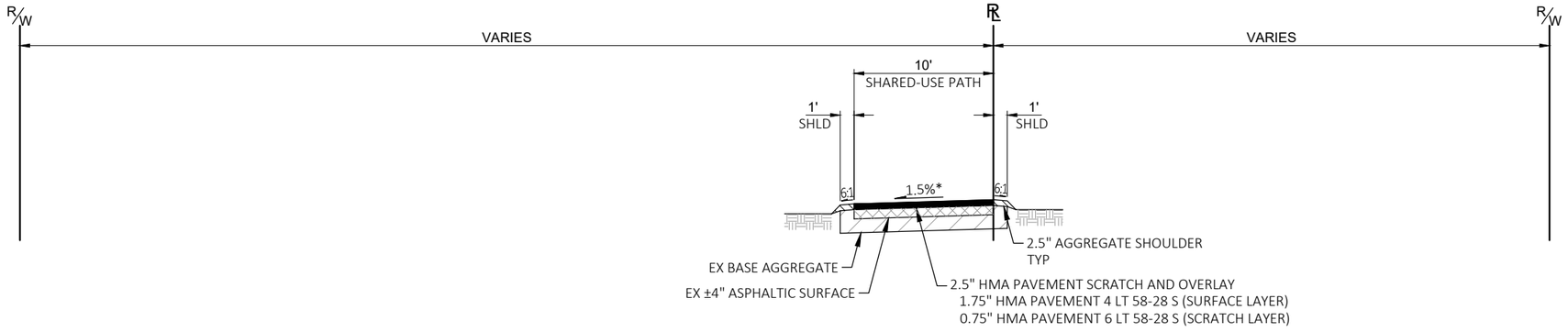
SHEET NUMBER
2

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)



TYPICAL EXISTING SECTION

OZAUKEE INTERURBAN TRAIL
STA 100+21.59 TO STA 274+49.95
STA 400+00.00 TO STA 909+88.36



TYPICAL FINISHED SECTION

OZAUKEE INTERURBAN TRAIL
STA 100+21.59 TO STA 274+49.95
STA 400+00.00 TO STA 909+60.00

NOTES

* = SLOPE TO RIGHT OR LEFT MATCH EXISTING DRAINAGE AND PATH CROSS SLOPE. 1.5% NORMAL, 1.5% MAXIMUM CROSS SLOPE.

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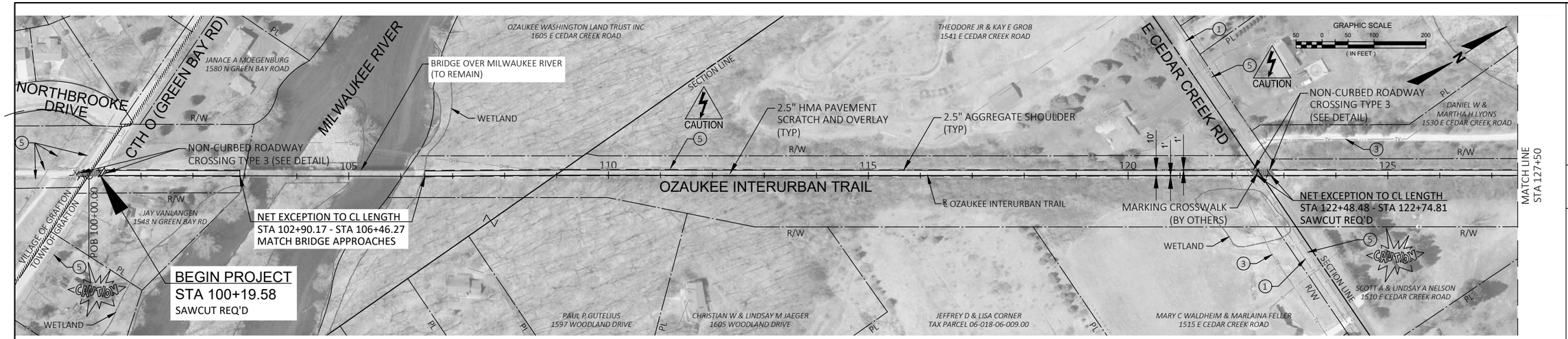
TYPICAL SECTIONS

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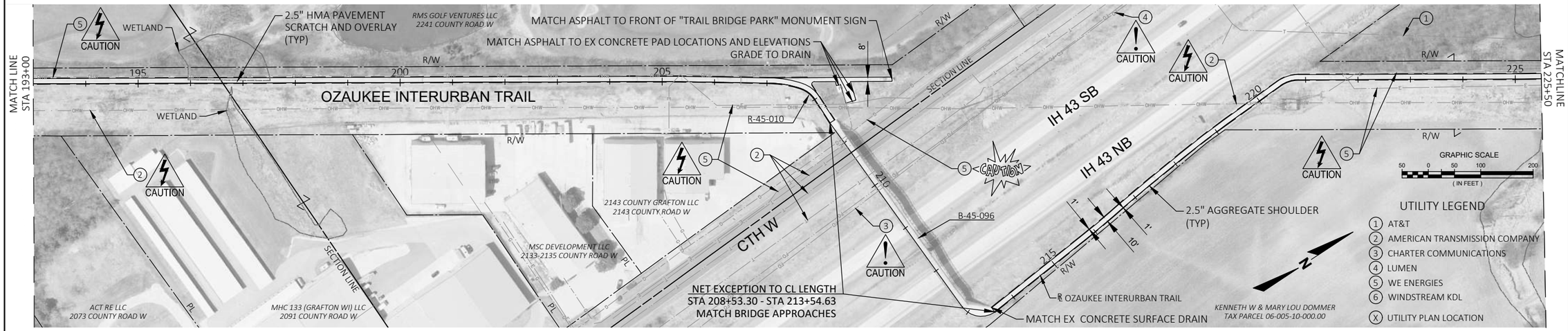
PLAN
STA 100+21.59 – STA 193+00

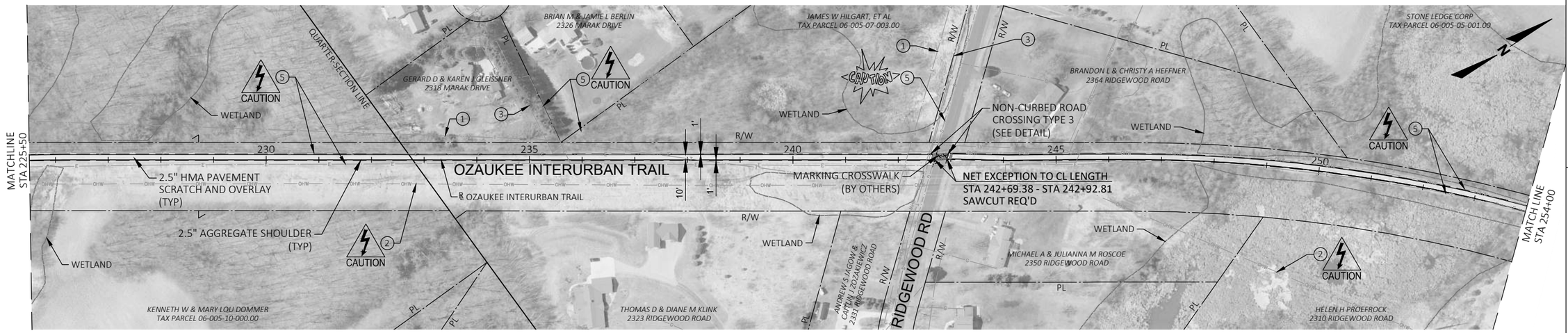
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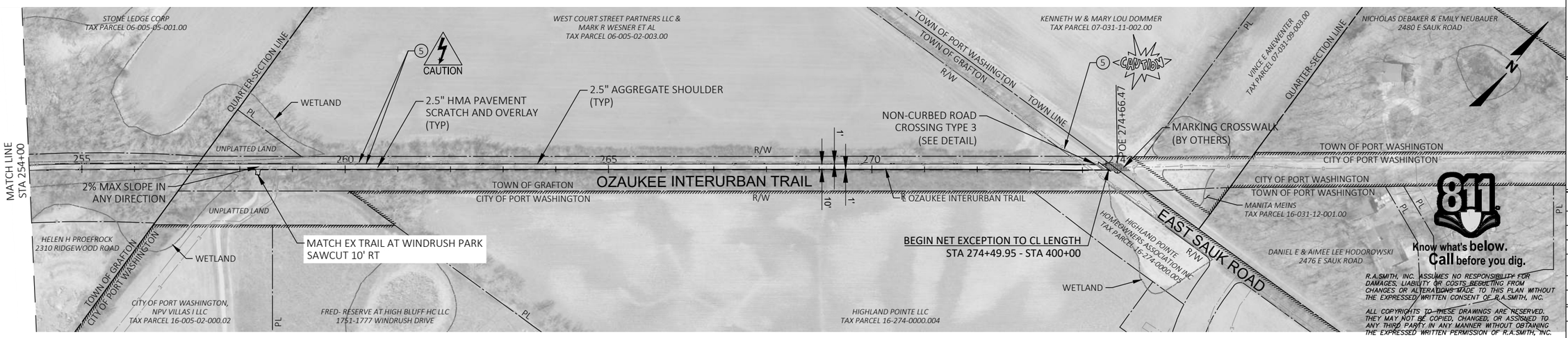
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MATCHLINE STA 434+00

WETLAND

GERALD L KARRELS
3754 HIGHLAND DRIVE

WISCONSIN ELECTRIC POWER CO
TAX PARCEL 07-016-15-011.00

WEISS LLC
TAX PARCEL 07-016-14-010.00

WEISS LLC
TAX PARCEL 07-016-13-005.00

PAVE FIELD ENTRANCE

IH 43 SB OFF-RAMP

IH 43 NB ON-RAMP

IH 43 SB

IH 43 NB

RJ PORT LLC
3782 HIGHLAND DRIVE

THOMAS M & MICHAEL N DIDIER, ET AL
3792 HIGHLAND DRIVE

TOWN OF PORT WASHINGTON
CITY OF PORT WASHINGTON

VARANI HOTEL LLC
350 E SEVEN HILLS ROAD

CTH LL (SEVEN HILLS ROAD)

NORTHPORT GROUP LLC
TAX PARCEL 16-021-01-001.00

NORTHPORT GROUP LLC
TAX PARCEL 16-016-13-002.00

ANSAY DEVELOPMENT CORPORATION, ET AL
3864 COUNTY ROAD LL

2.5" AGGREGATE SHOULDER (TYP)

2.5" HMA PAVEMENT SCRATCH AND OVERLAY (TYP)

OZAUKEE INTERURBAN TRAIL

HIGHLAND DRIVE

HIGHLAND LANE

MARKING CROSSWALK (BY OTHERS)

NON-CURBED ROAD CROSSING TYPE 1 (SEE DETAIL)

NON-CURBED ROAD CROSSING TYPE 4 (SEE DETAIL)

NET EXCEPTION TO CL LENGTH
STA 415+09.66 - STA 415+44.41
SAWCUT REQ'D

B-45-047

B-45-046

MATCH CONCRETE ELEVATION AT BRIDGE PIERS

GRADE SHOULDER TO ALLOW WATER TO SHEET FLOW ACROSS PATH

END NET EXCEPTION TO CL LENGTH
STA 274+49.95 - STA 400+00

SECTION LINE

CAUTION

UTILITY LEGEND

1. AT&T
2. AMERICAN TRANSMISSION COMPANY
3. CHARTER COMMUNICATIONS
4. LUMEN
5. WE ENERGIES
6. WINDSTREAM KDL

X UTILITY PLAN LOCATION

GRAPHIC SCALE
50 0 50 100 200
(IN FEET)

J M DRUECKER LLC
3760 HIGHLAND DRIVE

KEVIN D & CINDY L KINZEL
3750 HIGHLAND DRIVE

MACKS RENTAL PROPERTIES LLC
3802 COUNTY ROAD KW

ALLEN-EDMONDS SHOE CORPORATION
3820 COUNTY ROAD KW

ALLEN-EDMONDS SHOE CORPORATION
3830 COUNTY ROAD KW

STOLLENWERK LOT LLC
TAX PARCEL 07-016-14-015.00

DAVID KLECKNER
TAX PARCEL 07-016-14-007.00

JSB HOLDINGS LLC
3900 COUNTY ROAD KW

HIGHWAY KW CONDOMINIUM STORAGE PARK
3930 COUNTY ROAD KW

JAMES M BURT AND KATHLEEN M BURT REVOCABLE TRUST
TAX PARCEL 07-016-03-004.00

WEISS LLC
TAX PARCEL 07-016-14-010.00

WEISS LLC
TAX PARCEL 07-016-13-005.00

WEISS LLC
TAX PARCEL 16-040-0076.000

QUARTER-SECTION LINE

MATCH LINE STA 462+50

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OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY

PLAN
STA 400+00 – STA 462+50

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DESIGNED BY:
CHECKED BY:

SHEET NUMBER
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Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

JAMES M BURT AND KATHLEEN M BURT REVOCABLE TRUST
4000 COUNTY ROAD KW

HILLCREST INVESTMENTS LLC
TAX PARCEL 07-016-02-002.00

JOSEPH J & LISA KUICK
4124 COUNTY ROAD KW

JOSEPH L & VICKIE L EGERER
TAX PARCEL 07-009-15-013.00

UTILITY LEGEND
1. AT&T
2. AMERICAN TRANSMISSION COMPANY
3. CHARTER COMMUNICATIONS
4. LUMEN
5. WE ENERGIES
6. WINDSTREAM KDL
X. UTILITY PLAN LOCATION

GRAPHIC SCALE
50 0 50 100 200
(IN FEET)

2.5" AGGREGATE SHOULDER (TYP)

2.5" HMA PAVEMENT SCRATCH AND OVERLAY (TYP)

SECTION LINE

MATCH LINE STA 462+50

465 470 475 480 485 490

R/W

R OZAUKEE INTERURBAN TRAIL

OZAUKEE INTERURBAN TRAIL

TOWN OF PORT WASHINGTON
CITY OF PORT WASHINGTON

CITY OF PORT WASHINGTON
TOWN OF PORT WASHINGTON

10' 1' 1'

CAUTION

WEISS LLC
TAX PARCEL 16-040-0076.000

LOREN F FOOTE
TAX PARCEL 07-016-02-000.00

LOREN F FOOTE
TAX PARCEL 07-009-15-000.00

DAVID A SCHINKER
TAX PARCEL 07-009-14-001.00

RICHARD R & JOY J HAYWARD
4250 COUNTY ROAD KW

MATTHEW J & GREGORY J LAPINSKI
TAX PARCEL 07-009-03-006.00

2.5" AGGREGATE SHOULDER (TYP)

REPLACE FIELD CROSSING

2.5" HMA PAVEMENT SCRATCH AND OVERLAY (TYP)

MATCH PATH GRADE TO EX CONCRETE PAD

MATCH LINE STA 491+00

495 500 505 510 515

R/W

R OZAUKEE INTERURBAN TRAIL

OZAUKEE INTERURBAN TRAIL

QUARTER-SECTION LINE

MATCH LINE STA 519+50

1' 10' 1'

CAUTION

DAVID A SCHINKER
TAX PARCEL 07-009-13-006.00

RICHARD G & JANE L FELLENZ
4237 HIGHLAND DRIVE

FELLENZ FAMILY REVOCABLE LIVING TRUST
4237 HIGHLAND DRIVE

STEVEN F & KAREN L WEBER
4341 HIGHLAND DRIVE

GARY A & THERESA A LARGE
4420 COUNTY ROAD KW

PATRICIA L DIDIER SURVIVORS TRUST
TAX PARCEL 07-004-14-004.00

2.5" AGGREGATE SHOULDER (TYP)

REPLACE FIELD CROSSING

CAUTION

WISCONSIN ELECTRIC POWER CO
1603 LAKE DRIVE

LAKE DRIVE

NON-CURBED ROAD CROSSING TYPE 3 (SEE DETAIL)

2.5" HMA PAVEMENT SCRATCH AND OVERLAY (TYP)

REPLACE FIELD CROSSING

MATCH LINE STA 519+50

520 525 530 535 540 545

R/W

R OZAUKEE INTERURBAN TRAIL

OZAUKEE INTERURBAN TRAIL

MATCH LINE STA 548+00

1' 10' 1'

NET EXCEPTION TO CL LENGTH
STA 532+51.19 - STA 532+73.28
SAWCUT REQ'D

WETLAND

MARKING CROSSWALK (BY OTHERS)

SECTION LINE

WEBER TRUST
TAX PARCEL 07-009-01-001.00

R AND B KARRELS FARMS LLC
1518-1522 LAKE DRIVE

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DESCRIPTION	DATE

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CREATIVITY BEYOND ENGINEERING
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Cedarburg, WI 53012-2074
(262) 781-1000
rasmith.com
Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI
Cedarburg, WI | Naperville, IL | Irvine, CA

OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY

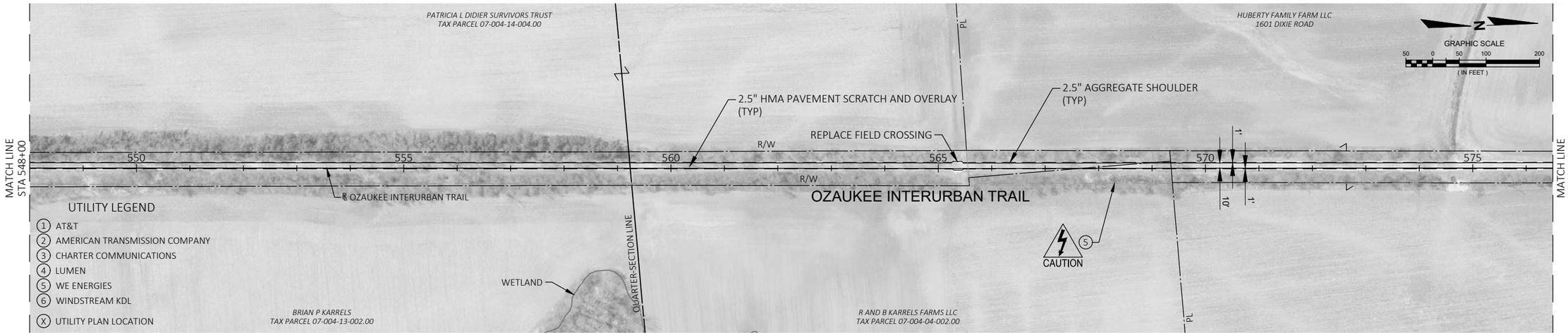
PLAN
STA 462+50 – STA 548+00

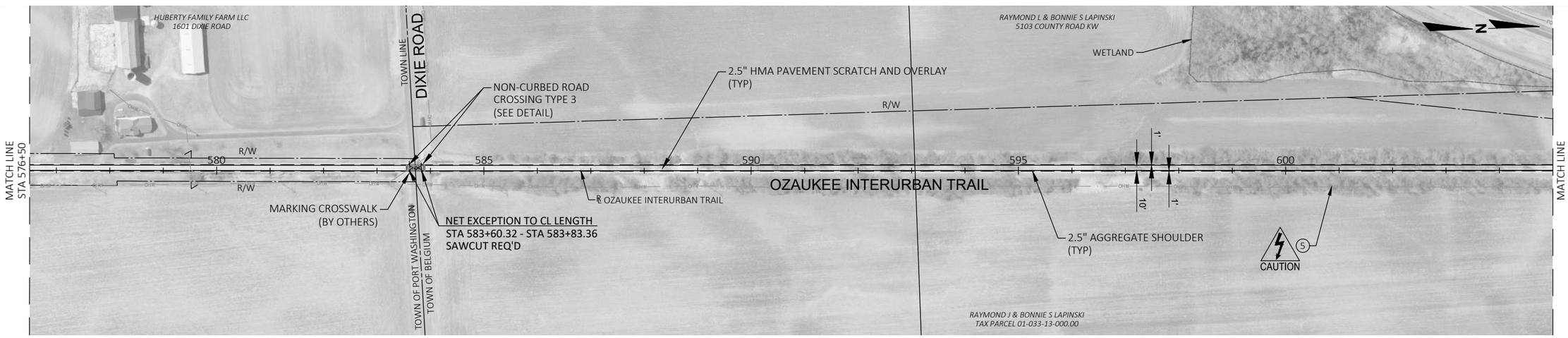
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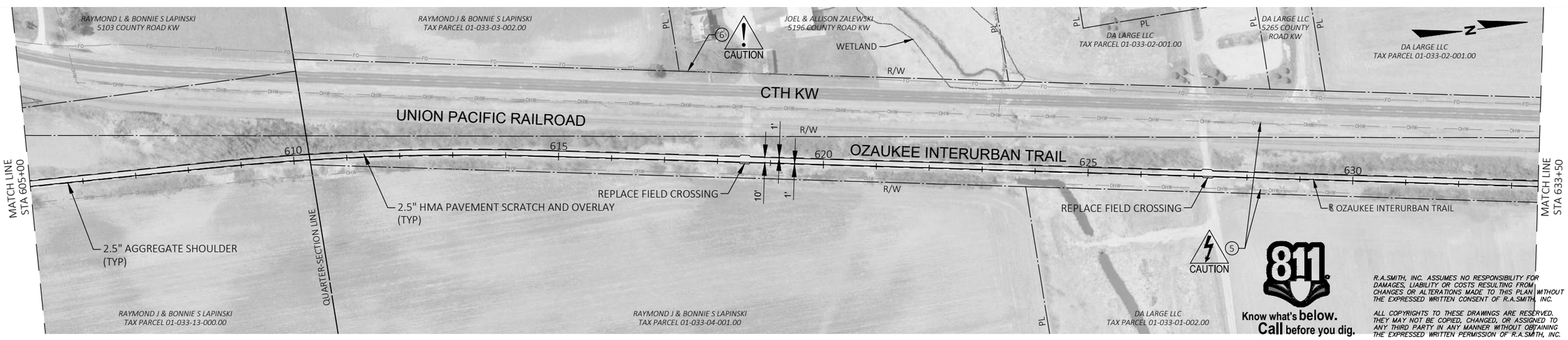
DATE: 10/28/2024
SCALE: 1" = 100'
JOB NO. 2245338
PROJECT MANAGER: T. HATJES
DESIGNED BY:
CHECKED BY:

SHEET NUMBER
7

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)







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(262) 781-1000
rasmith.com
Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI
Cedarburg, WI | Naperville, IL | Irvine, CA

OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY

PLAN
STA 548+00 – STA 633+50

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DATE: 10/28/2024
SCALE: 1" = 100'
JOB NO. 2245338
PROJECT MANAGER: T. HATJES
DESIGNED BY:
CHECKED BY:

SHEET NUMBER
8

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

DA LARGE LLC
TAX PARCEL 01-033-02-001.00

DIANE DECKER
TAX PARCEL 01-028-15-002.00

DECKERS FARM LLC
TAX PARCEL 01-028-09-001.00

GRAPHIC SCALE
50 0 50 100 200
(IN FEET)

N

CTH A

MARKING CROSSWALK
(BY OTHERS)

NET EXCEPTION TO CL LENGTH
STA 637+12.07 - STA 637+42.64
SAWCUT REQ'D

CAUTION (6)

CTH KW

UNION PACIFIC RAILROAD

R/W

MATCH LINE
STA 633+50

635 640 645 650 655 660

MATCH LINE
STA 662+00

NON-CURBED ROAD
CROSSING TYPE 3
(SEE DETAIL)

CAUTION (5)

BENJAMIN &
ALISSA ANDREWS
1514 COUNTY ROAD A

SECTION LINE

PL

℄ OZAUKEE INTERURBAN TRAIL

R/W

REPLACE FIELD CROSSING

OZAUKEE INTERURBAN TRAIL

2.5" HMA PAVEMENT SCRATCH AND OVERLAY
(TYP)

2.5" AGGREGATE SHOULDER
(TYP)

10' 1' 1'

SECTION LINE

DA LARGE LLC
TAX PARCEL 01-033-01-002.00

DIANE DECKER
TAX PARCEL 01-027-10-003.00

DECKERS FARM LLC
TAX PARCEL
01-028-09-001.00

WILLIAM P KLECKNER
5604 FARM ROAD

FRANCIS & BETTY KLECKNER
TAX PARCEL 01-027-06-003.00

N

CAUTION (6)

CTH KW

SECTION LINE

WETLAND

UNION PACIFIC RAILROAD

R/W

MATCH LINE
STA 662+00

665 670 675 680 685 690

MATCH LINE
STA 690+50

℄ OZAUKEE INTERURBAN TRAIL

1' 10' 1'

REPLACE FIELD CROSSING

OZAUKEE INTERURBAN TRAIL

2.5" HMA PAVEMENT SCRATCH AND OVERLAY
(TYP)

2.5" AGGREGATE SHOULDER
(TYP)

R/W

WETLAND

CAUTION (5)

UTILITY LEGEND

1. AT&T
2. AMERICAN TRANSMISSION COMPANY
3. CHARTER COMMUNICATIONS
4. LUMEN
5. WE ENERGIES
6. WINDSTREAM KDL

Ⓧ UTILITY PLAN LOCATION

QUARTER-SECTION LINE

DIANE DECKER
TAX PARCEL 01-027-10-003.00

FRANCIS & BETTY A KLECKNER
TAX PARCEL 01-027-07-001.00

RUTH M DANBY 2006 IRREVOCABLE TRUST
TAX PARCEL 01-027-06-004.00

MORRIS D SMITH
5772 COUNTY ROAD KW

RUTH M DANBY 2006 IRREVOCABLE TRUST
C/O MICHELLE ENGMAN
TAX PARCEL 01-022-10-005.00

N

CAUTION (5)

CAUTION (3)

TOWN OF BELGIUM
VILLAGE OF BELGIUM

SECTION LINE

NET EXCEPTION TO CL LENGTH
STA 691+15.13 - STA 691+39.61
SAWCUT REQ'D

MARKING CROSSWALK
(BY OTHERS)

WETLAND

R/W

UNION PACIFIC RAILROAD

MATCH LINE
STA 690+50

695 700 705 710 715

MATCH LINE
STA 719+00

OZAUKEE INTERURBAN TRAIL

REPLACE FIELD CROSSING

℄ OZAUKEE INTERURBAN TRAIL

10' 1' 1'

NON-CURBED ROAD
CROSSING TYPE 3
(SEE DETAIL)

2.5" HMA PAVEMENT SCRATCH AND OVERLAY
(TYP)

2.5" AGGREGATE SHOULDER
(TYP)

CEDAR BEACH RD

WETLAND

CAUTION (5)

WETLAND

QUARTER-SECTION LINE

LAKESIDE FOODS INC
729 MAIN STREET

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rasmith.com
Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI
Cedarburg, WI | Naperville, IL | Irvine, CA

OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY

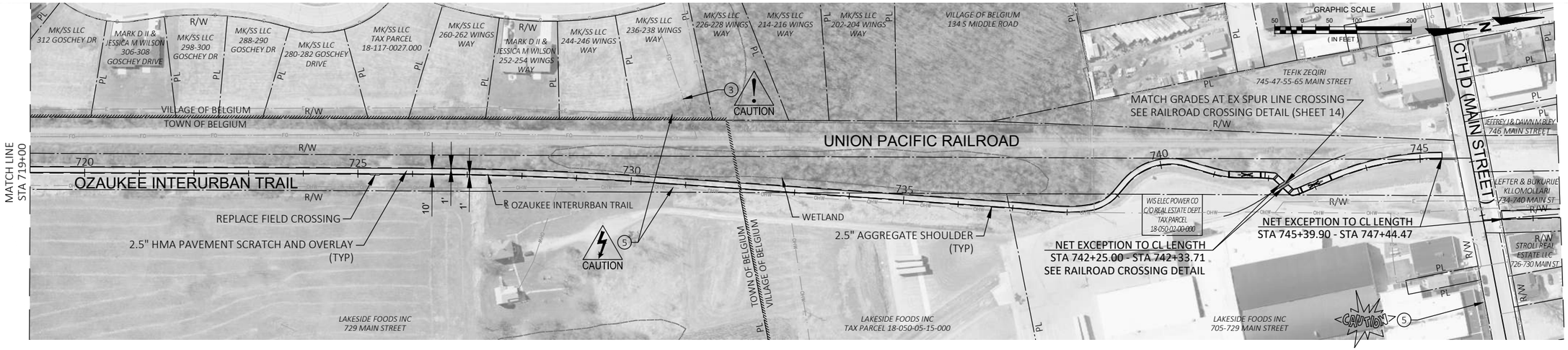
PLAN
STA 633+50 – STA 719+00

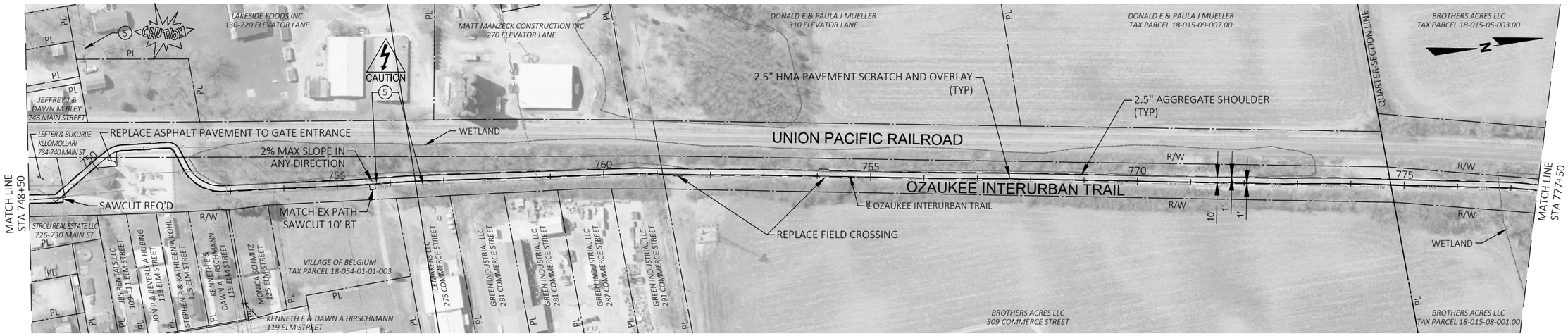
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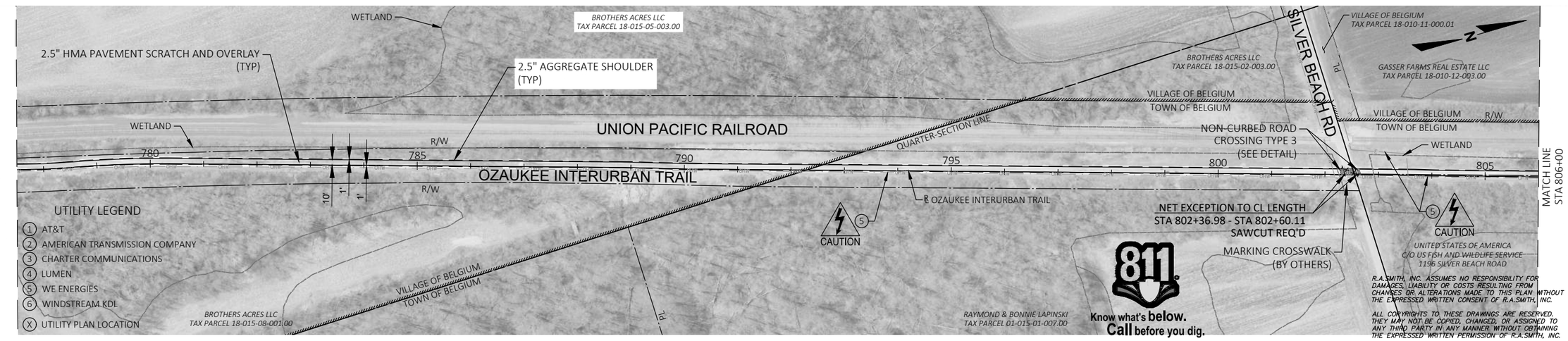
DATE: 10/28/2024
SCALE: 1" = 100'
JOB NO. 2245338
PROJECT MANAGER: T. HATJES
DESIGNED BY:
CHECKED BY:

SHEET NUMBER
9

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)







DESCRIPTION

DATE

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Cedarburg, WI 53012-2074
(262) 781-1000
rasmith.com
Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI
Cedarburg, WI | Naperville, IL | Irvine, CA

OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY

PLAN
STA 719+00 – STA 806+00

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DATE: 10/28/2024
SCALE: 1" = 100'
JOB NO. 2245338
PROJECT MANAGER: T. HATJES
DESIGNED BY:
CHECKED BY:

SHEET NUMBER
10

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GASSER FARMS REAL ESTATE LLC
TAX PARCEL 18-010-12-003.00

GASSER FARMS REAL ESTATE LLC
TAX PARCEL 18-010-09-004.00

GRAPHIC SCALE
50 0 50 100 200
(IN FEET)

HERMAN R & DEBORAH L SCHWEGLER
TAX PARCEL 01-010-03-000.00

2.5" AGGREGATE SHOULDER
(TYP)

PL

R/W

VILLAGE OF BELGIUM
TOWN OF BELGIUM

UNION PACIFIC RAILROAD

WETLAND

MATCH LINE
STA 806+00

810 815 820 825 830

OZAUKEE INTERURBAN TRAIL

R OZAUKEE INTERURBAN TRAIL

10' 1' 1'

MATCH LINE
STA 834+50

R/W

QUARTER SECTION LINE

UTILITY LEGEND

1. AT&T
2. AMERICAN TRANSMISSION COMPANY
3. CHARTER COMMUNICATIONS
4. LUMEN
5. WE ENERGIES
6. WINDSTREAM KDL

X. UTILITY PLAN LOCATION

2.5" HMA PAVEMENT
SCRATCH AND OVERLAY
(TYP)

CAUTION

UNITED STATES OF AMERICA
C/O US FISH AND WILDLIFE SERVICE
1196 SILVER BEACH ROAD

UNITED STATES OF AMERICA
C/O US FISH AND WILDLIFE SERVICE
6563 ALDER ROAD

UNITED STATES OF AMERICA
C/O US FISH AND WILDLIFE SERVICE
6775 ALDER ROAD

HERMAN R & DEBORAH L SCHWEGLER
TAX PARCEL 01-010-03-000.00

TOWN OF BELGIUM, RECYCLING CENTER
1215 JAY ROAD

YANG S & NOR LOR
TAX PARCEL 01-003-16-004.00

2.5" AGGREGATE SHOULDER
(TYP)

WETLAND

CAUTION

NON-CURBED ROAD
CROSSING TYPE 3
(SEE DETAIL)

SECTION LINE

THOMAS D BICHLER
TAX PARCEL 01-003-16-002.00

R/W

UNION PACIFIC RAILROAD

MATCH LINE
STA 834+50

835 840 845 850 855 860

OZAUKEE INTERURBAN TRAIL

R OZAUKEE INTERURBAN TRAIL

10' 1' 1'

MATCH LINE
STA 863+00

NET EXCEPTION TO CL LENGTH
STA 858+18.80 - STA 858+41.34
SAWCUT REQ'D

MARKING CROSSWALK
(BY OTHERS)

JAY ROAD

2.5" HMA PAVEMENT SCRATCH AND OVERLAY
(TYP)

CAUTION

UNITED STATES OF AMERICA
C/O US FISH AND WILDLIFE SERVICE
6775 ALDER ROAD

UNITED STATES OF AMERICA
C/O US FISH AND WILDLIFE SERVICE
6825 ALDER ROAD

SCOTT C MAECHTLE & LORIE L JENSEN
1102 JAY ROAD

PL

THOMAS D BICHLER
TAX PARCEL 01-003-16-002.00

SAMUEL JAMES ARENDT
1200 JAY ROAD

WILLIAM E LUNDGREN & REGAN M ROBERTSON
TAX PARCEL 01-002-07-003.00

2.5" AGGREGATE SHOULDER
(TYP)

SECTION LINE

WETLAND

R/W

UNION PACIFIC RAILROAD

REPLACE FIELD CROSSING

MATCH LINE
STA 863+00

865 870 875 880 885 890

OZAUKEE INTERURBAN TRAIL

R OZAUKEE INTERURBAN TRAIL

10' 1' 1'

MATCH LINE
STA 891+50

2.5" HMA PAVEMENT
SCRATCH AND OVERLAY
(TYP)

CAUTION

QUARTER SECTION LINE

SCOTT C MAECHTLE & LORIE L JENSEN
1102 JAY ROAD

ROGER E SCHUELLER AND JULIETA L SCHUELLER FAMILY TRUST
1016 JAY ROAD

WILLIAM E LUNDGREN & REGAN M ROBERTSON
7150 HILLY LANE

811
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rasmith.com
Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI
Cedarburg, WI | Naperville, IL | Irvine, CA

OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY

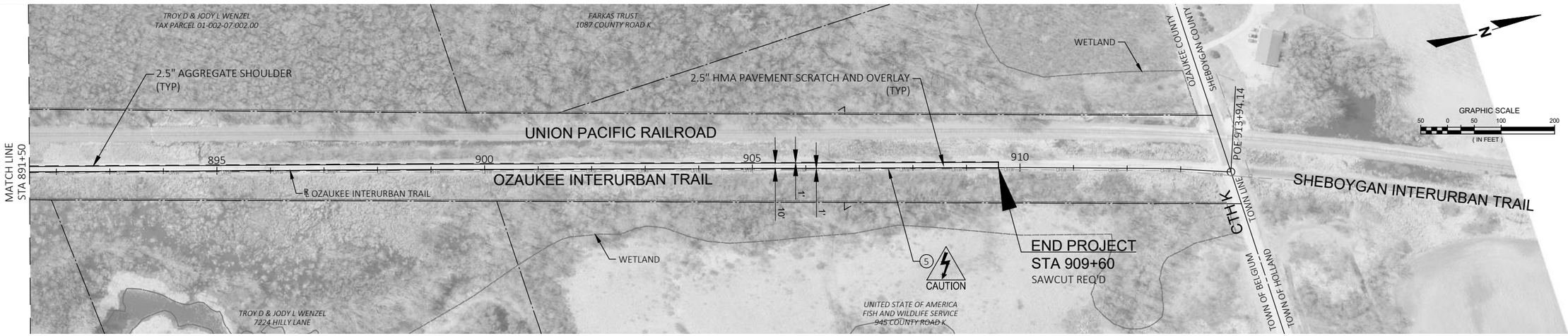
PLAN
STA 806+00 – STA 891+50

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DATE: **10/28/2024**
SCALE: **1" = 100'**
JOB NO. **2245338**
PROJECT MANAGER:
T. HATJES
DESIGNED BY:
CHECKED BY:

SHEET NUMBER
11

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)



UTILITY LEGEND

1. AT&T
2. AMERICAN TRANSMISSION COMPANY
3. CHARTER COMMUNICATIONS
4. LUMEN
5. WE ENERGIES
6. WINDSTREAM KDL

X UTILITY PLAN LOCATION

Know what's **below.**
Call before you dig.

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Cedarburg, WI | Naperville, IL | Irvine, CA

OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY

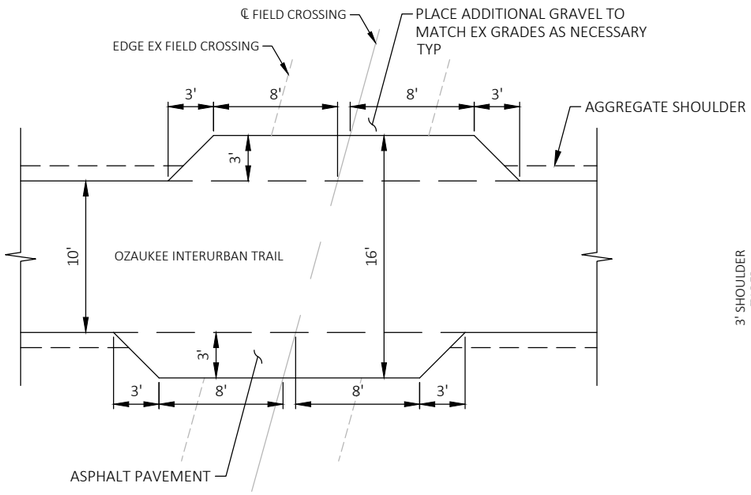
PLAN
STA 891+50 – STA 909+60

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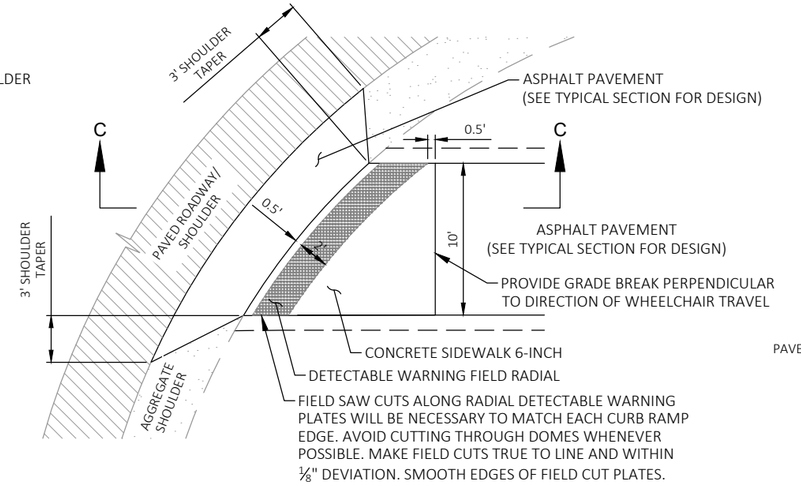
DATE: **10/28/2024**
SCALE: **1" = 100'**
JOB NO. **2245338**
PROJECT MANAGER: **T. HATJES**
DESIGNED BY:
CHECKED BY:

SHEET NUMBER
12

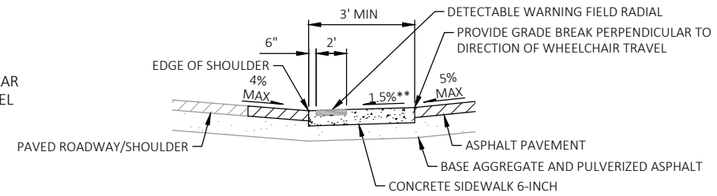
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FIELD CROSSING DETAIL



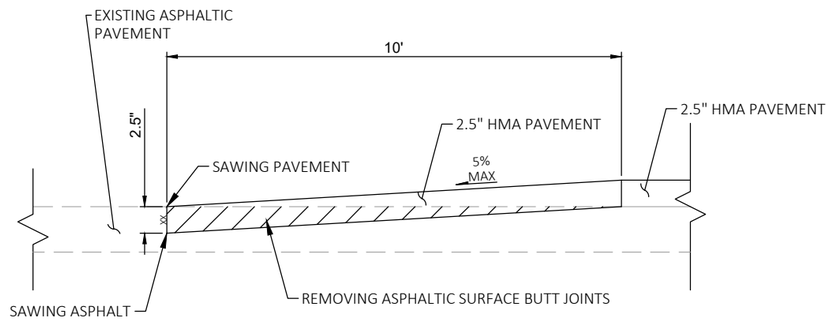
TYPE 4



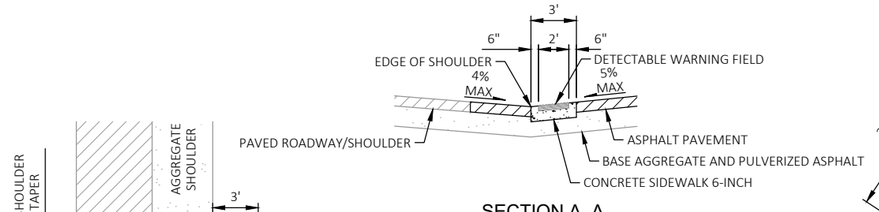
SECTION C–C

* WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE NON-CURBED CROSSING DETAIL 3.

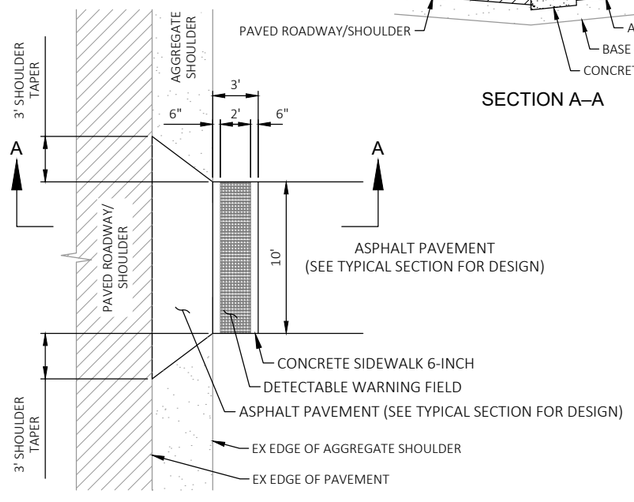
** MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK.



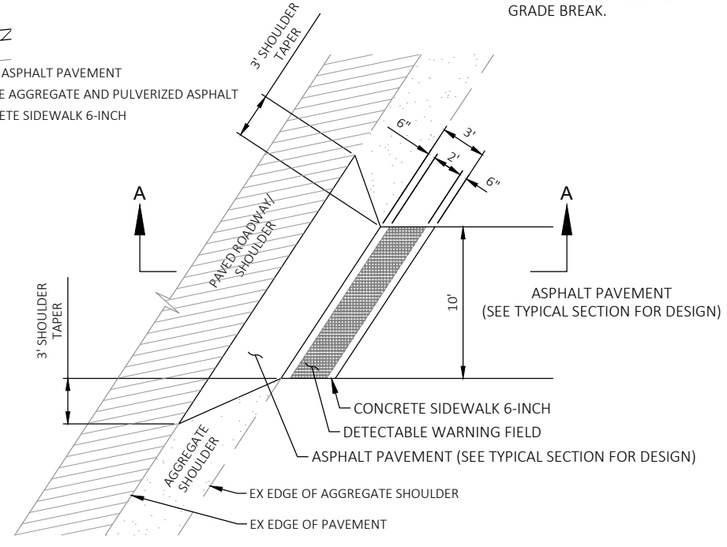
BUTT JOINTS



SECTION A–A



TYPE 1



TYPE 3

NON-CURBED ROADWAY CROSSING DETAIL

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OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY

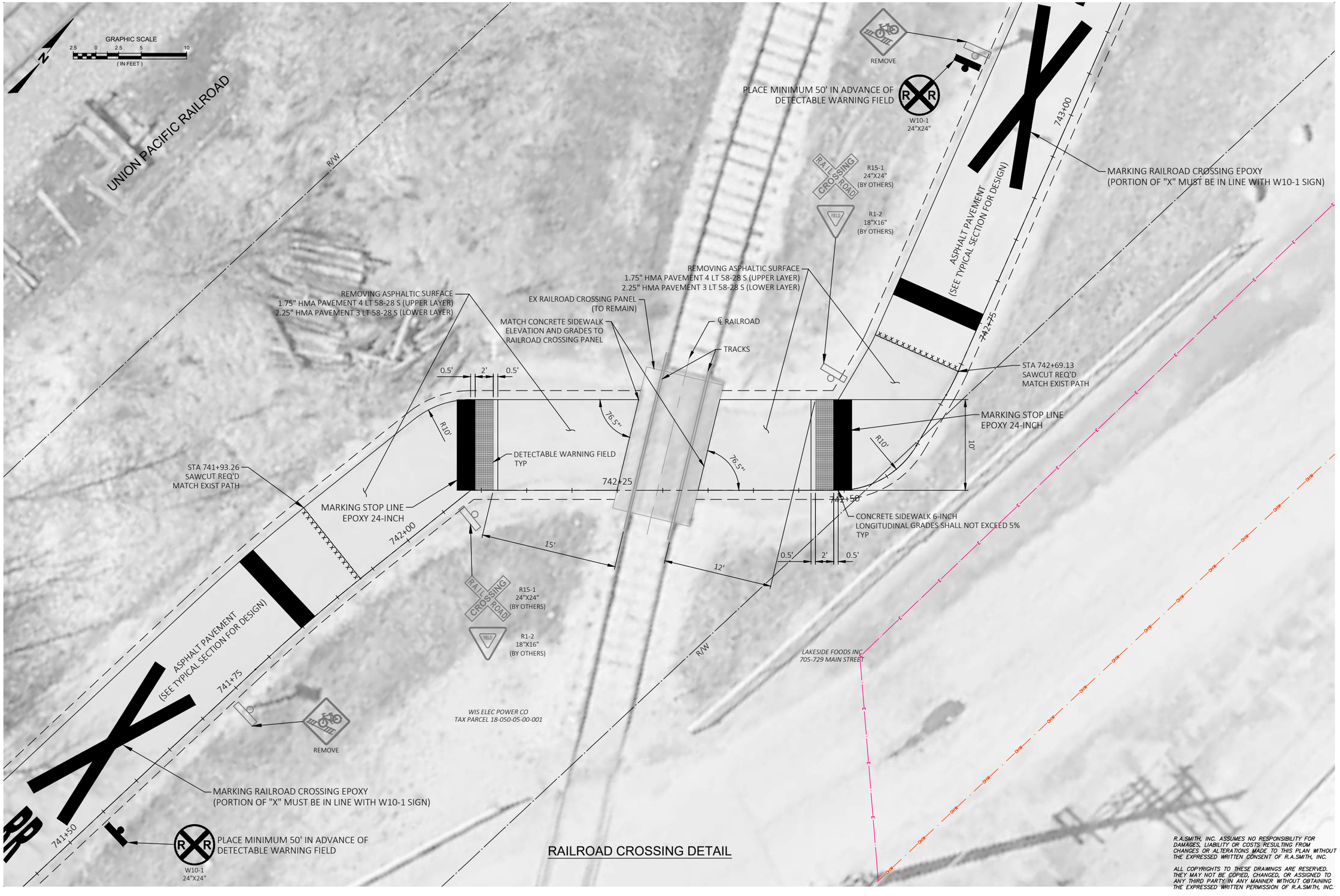
CONSTRUCTION DETAILS
DT02

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R.A. Smith, Inc.

DATE: 10/28/2024
SCALE: 1" = 5'
JOB NO. 2245338
PROJECT MANAGER: T. HATJES
DESIGNED BY: MCG
CHECKED BY:

SHEET NUMBER
13

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)



DATE	DESCRIPTION

raSmith
CREATIVITY BEYOND ENGINEERING
W62 N588 Washington Ave., Ste. 201
Cedarburg, WI 53012-2074
(262) 781-1000
rasmith.com
Brookfield, WI | Milwaukee, WI | Appleton, WI | Madison, WI
Cedarburg, WI | Naperville, IL | Irvine, CA

OZAUKEE INTERURBAN TRAIL
OZAUKEE COUNTY

CONSTRUCTION DETAILS
RAILROAD CROSSING DETAIL

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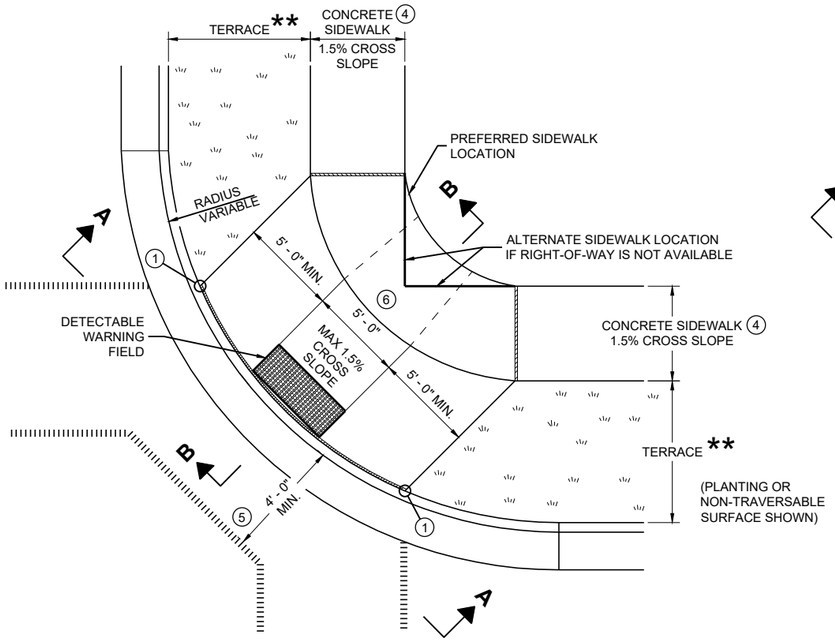
DATE: 10/28/2024
SCALE: 1" = 5'
JOB NO. 2245338
PROJECT MANAGER: T. HATJES
DESIGNED BY: MCG
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SHEET NUMBER
14

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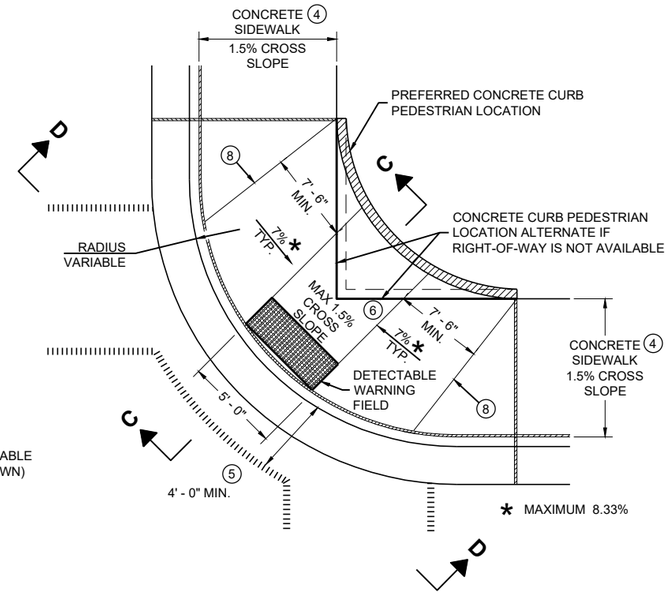
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PLAN VIEW

CURB RAMP TYPE 1

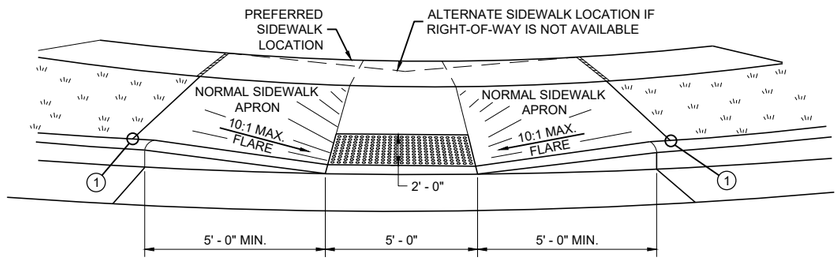
(CENTER OF CORNER RADIUS)



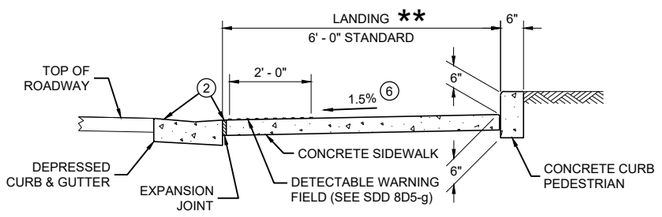
PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

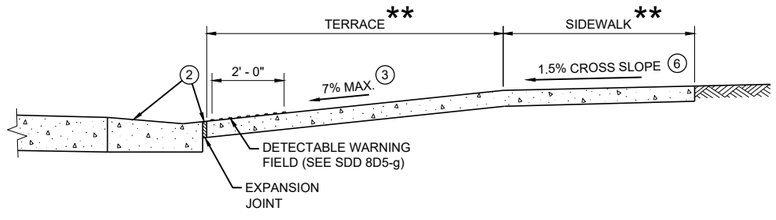


VIEW A - A FOR TYPE 1

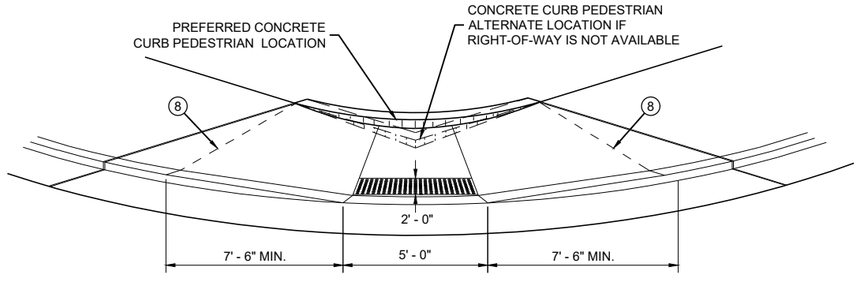


SECTION C - C FOR TYPE 1 - A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ½ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

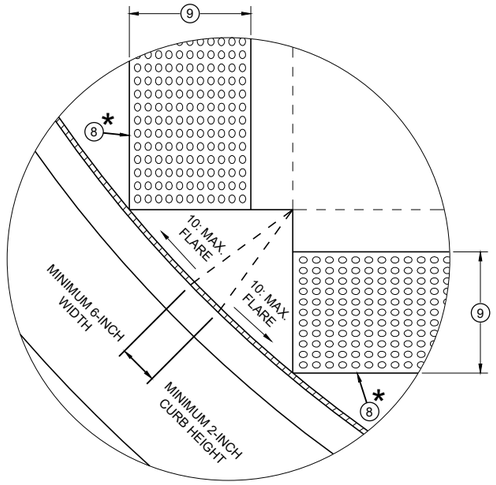
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

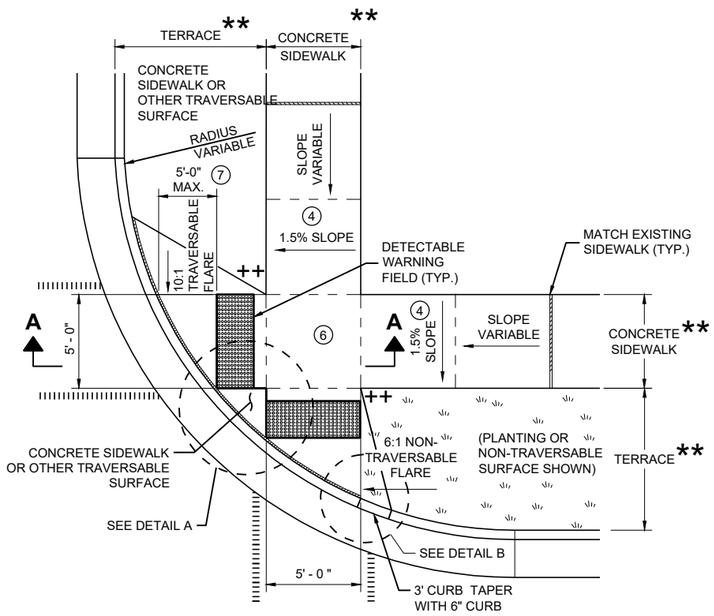
CURB RAMPS
TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

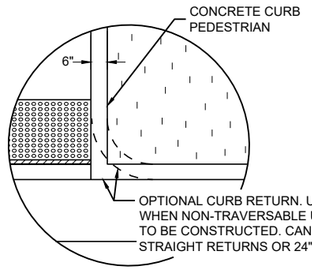
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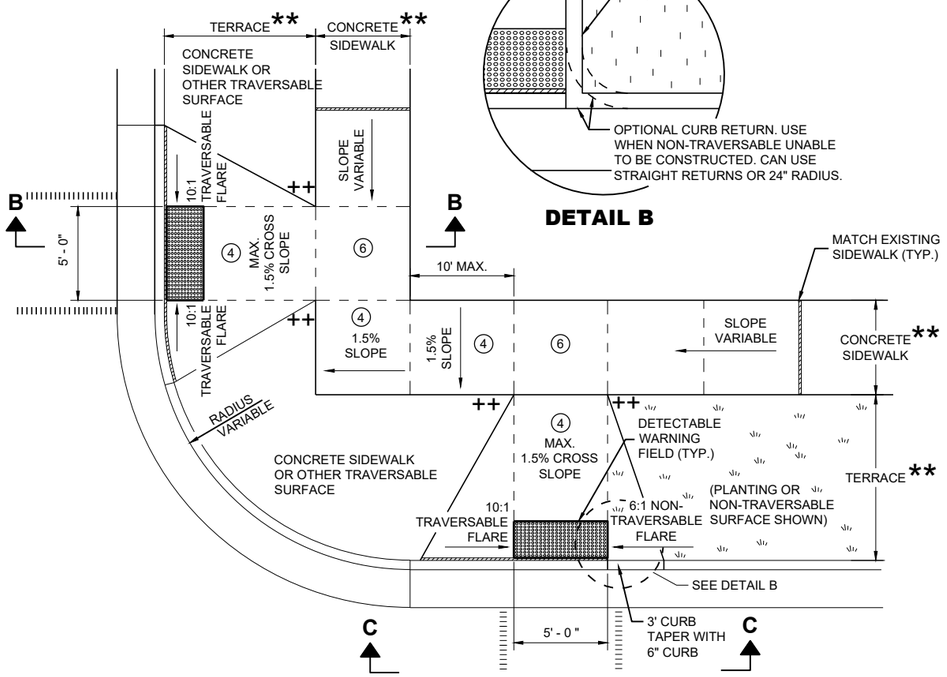
DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)



DETAIL B



PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

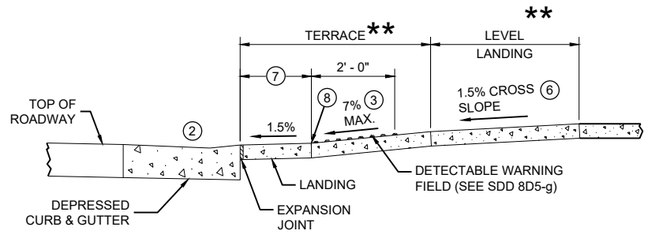
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

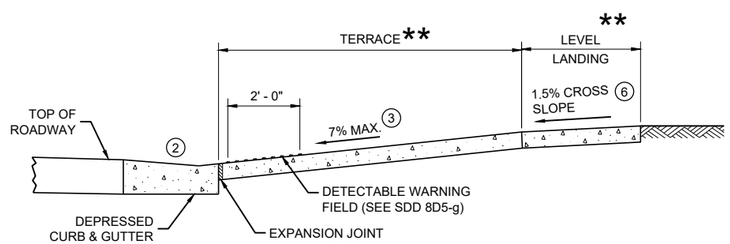


SECTION A - A FOR TYPE 2

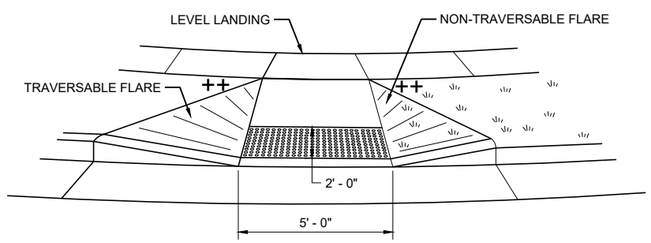
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

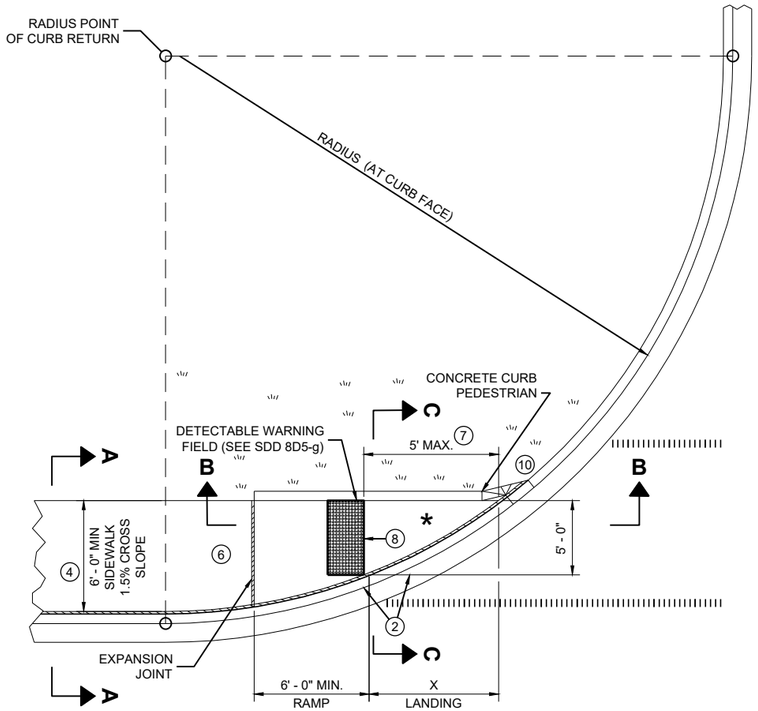
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

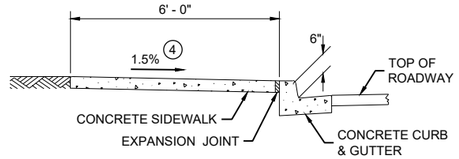


PLAN VIEW

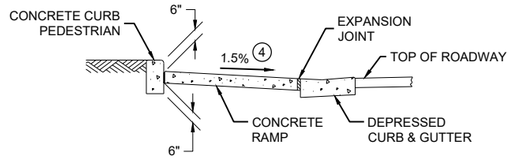
CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

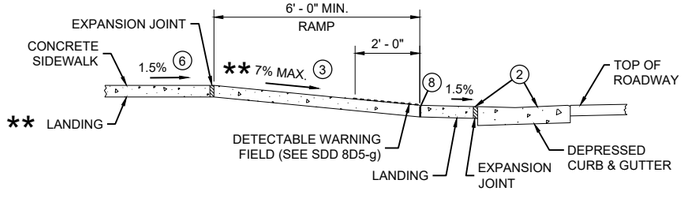
INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A



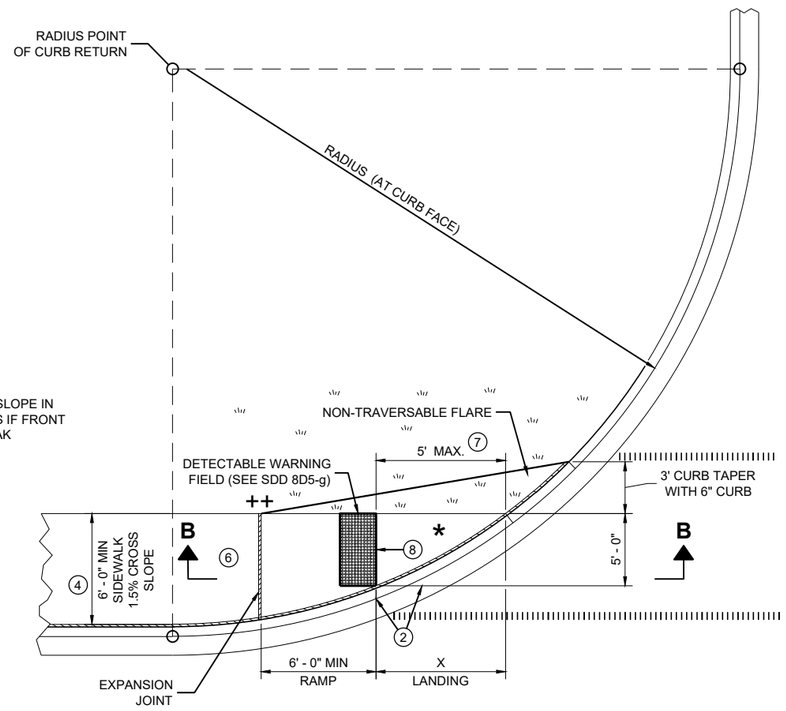
SECTION C - C FOR TYPE 4A



** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

SECTION B - B FOR TYPE 4A AND TYPE 4A1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK



PLAN VIEW

CURB RAMP TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

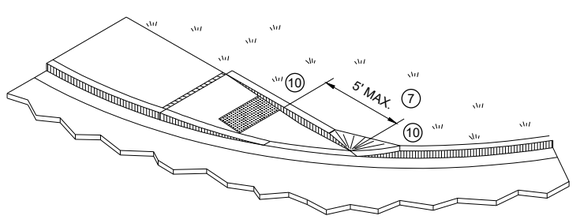
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

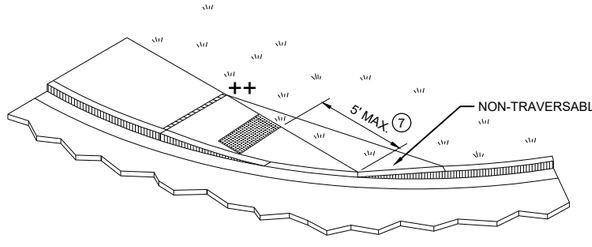
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

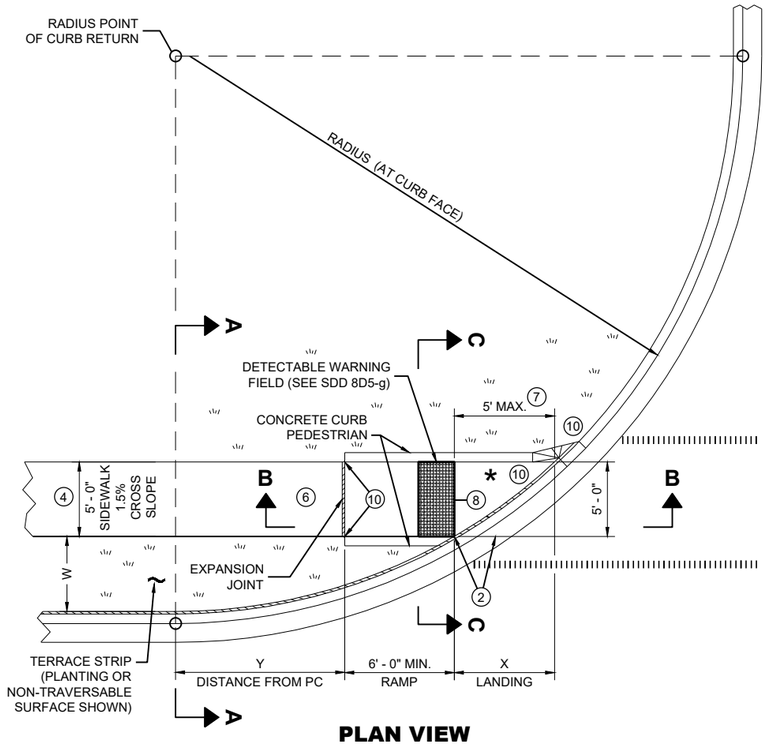
CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05-21c

6

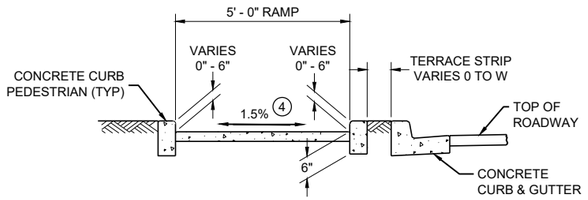
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PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 1/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET			4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET									4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET															4' - 10 3/4"	19' - 8 1/4"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

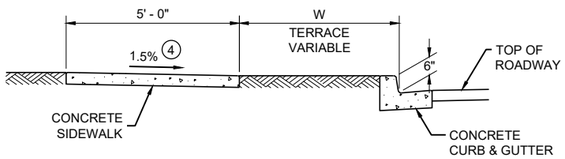
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

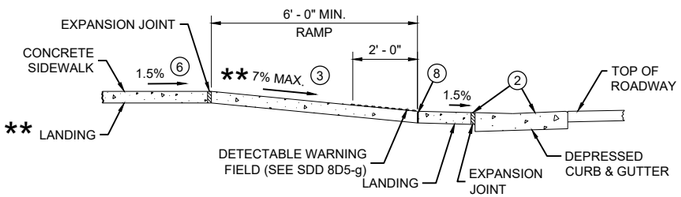
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

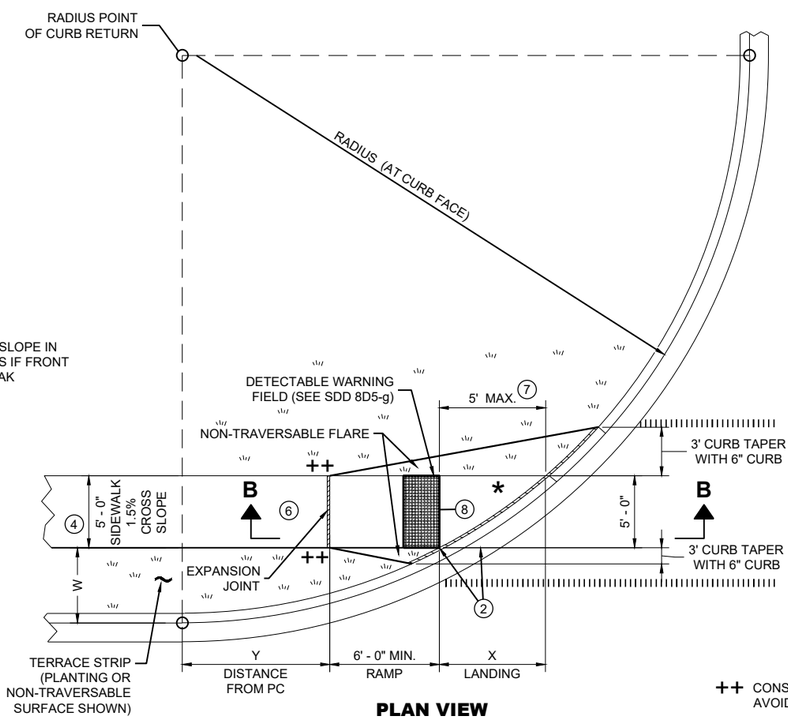


SECTION A - A FOR TYPE 4B



SECTION B - B FOR TYPE 4B AND TYPE 4B1

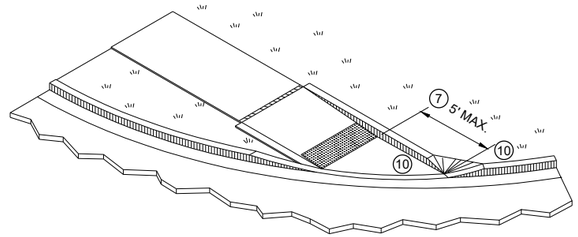
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



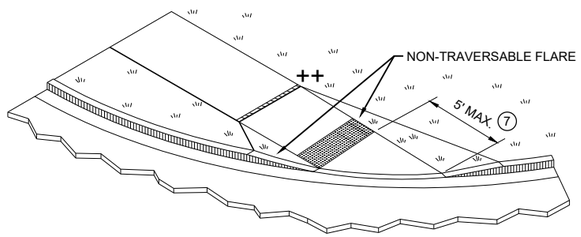
PLAN VIEW
CURB RAMP TYPE 4B1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



ISOMETRIC VIEW FOR TYPE 4B

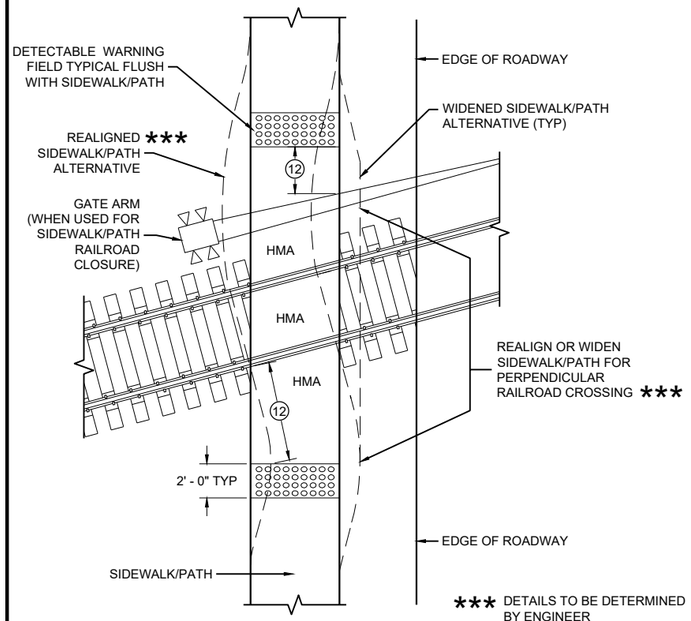


ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

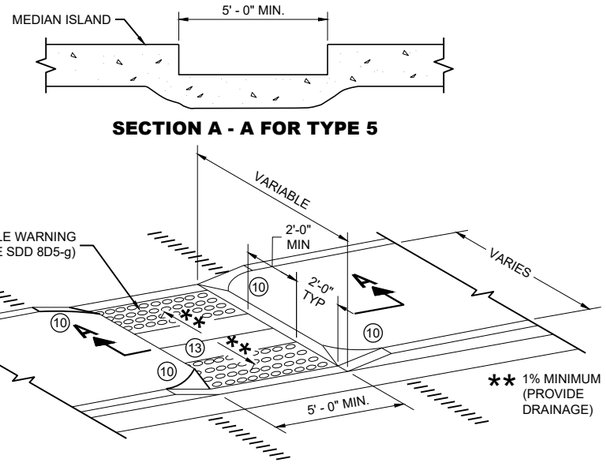
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)



CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

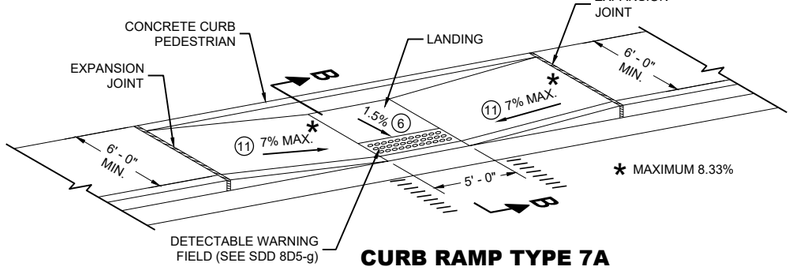
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

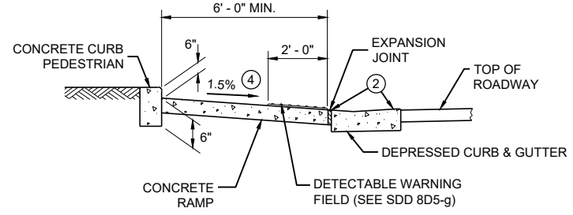
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

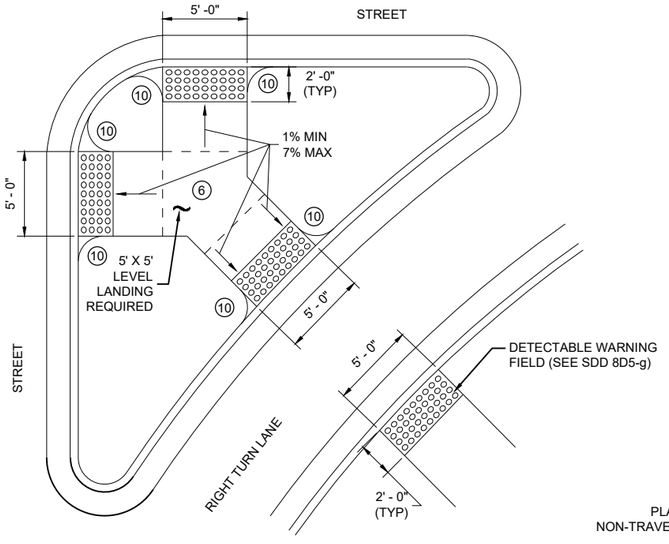


CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



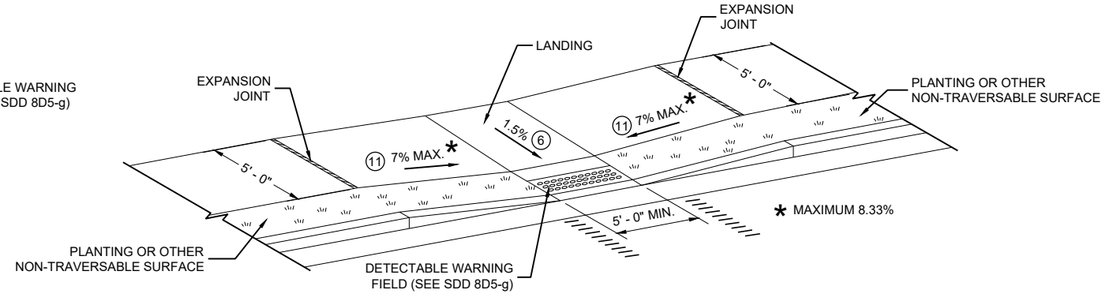
SECTION B - B FOR TYPE 7A



CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7B

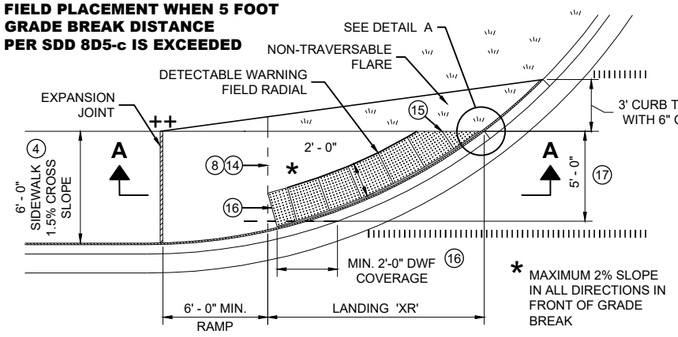
FOR INTERSECTIONS AND MID BLOCK CROSSINGS

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

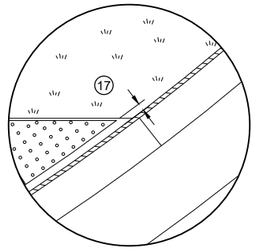
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



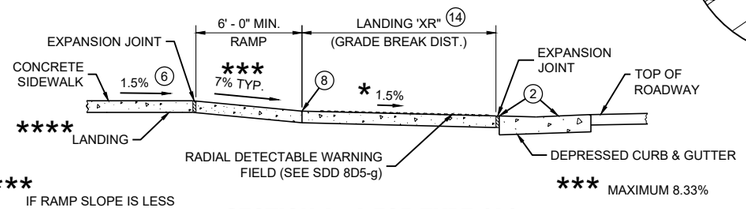
PLAN VIEW

CURB RAMP TYPE 4A1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL A



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1

LEGEND

½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

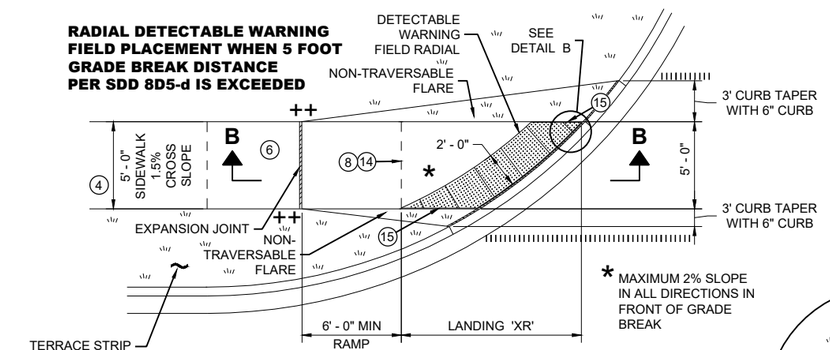
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

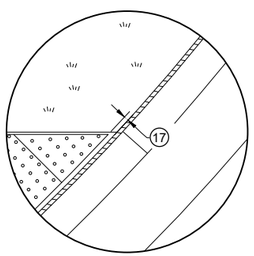
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



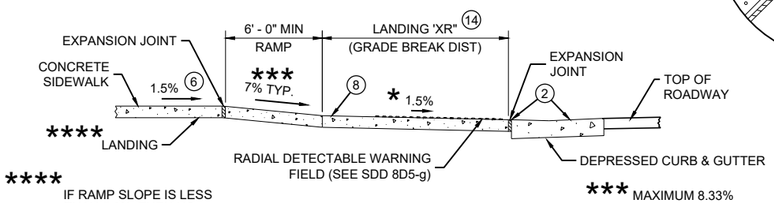
PLAN VIEW

CURB RAMP TYPE 4B1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B

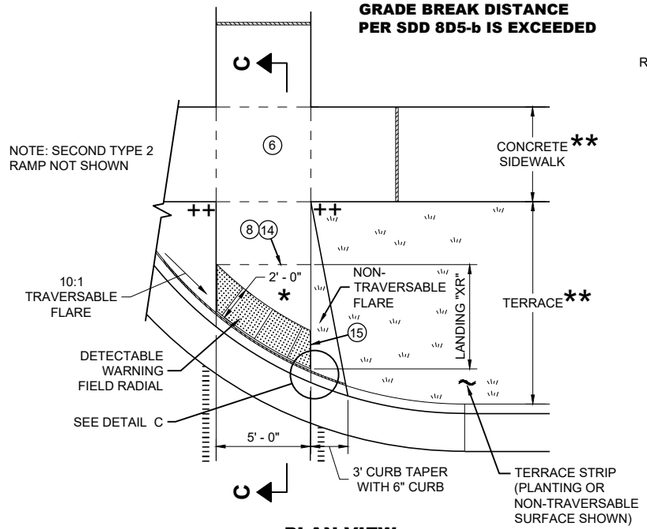


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

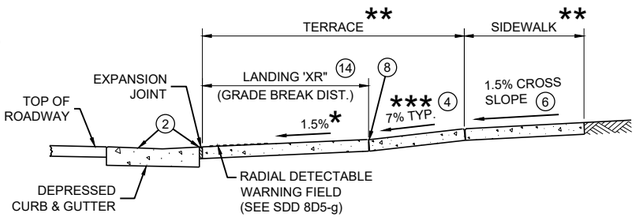


PLAN VIEW

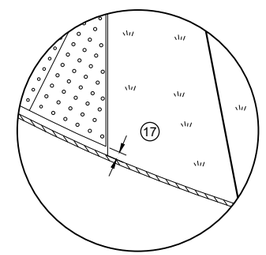
CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

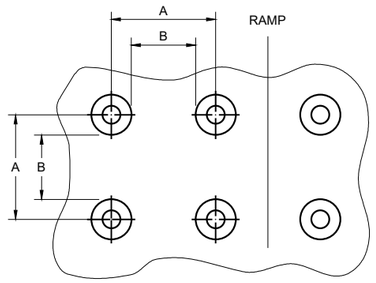
CURB RAMPS
RADIAL DETECTABLE WARNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

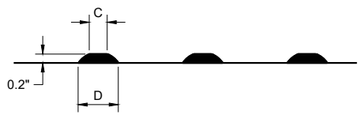
Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

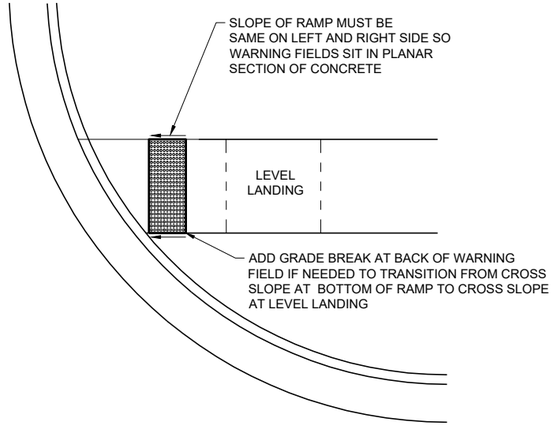
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

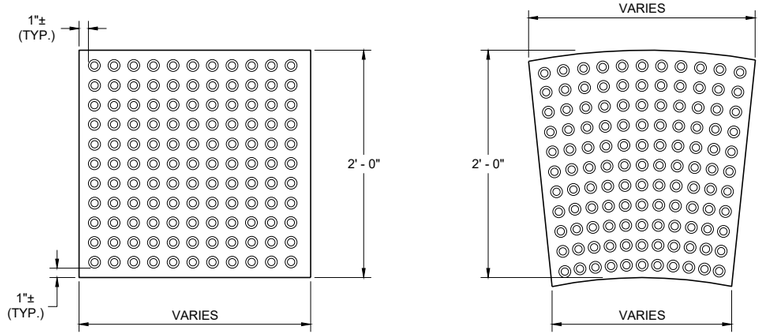
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

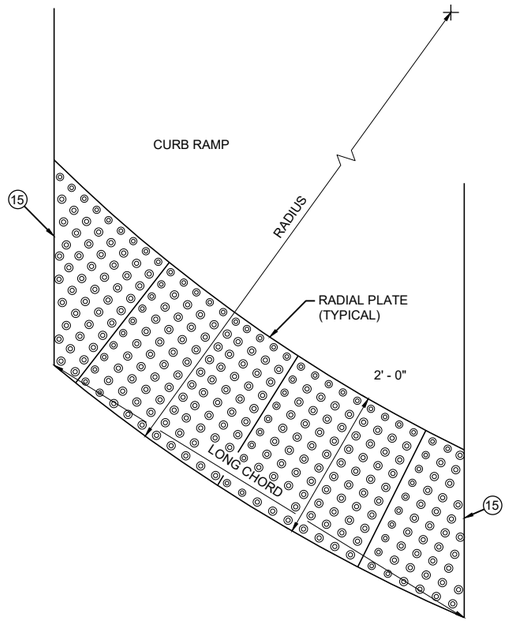
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



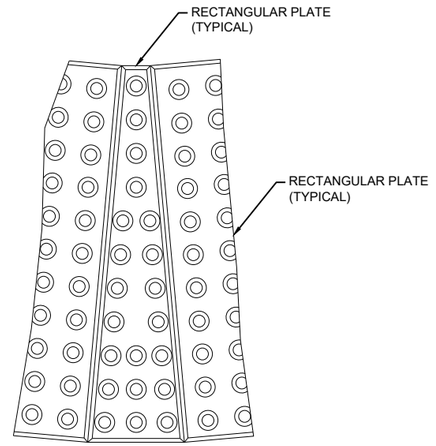
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

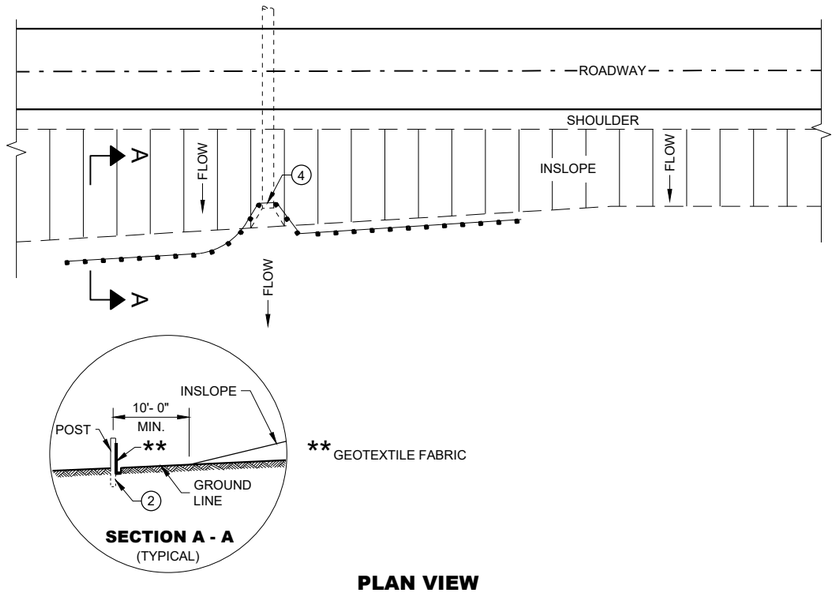
APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

SDD 08D05-21g

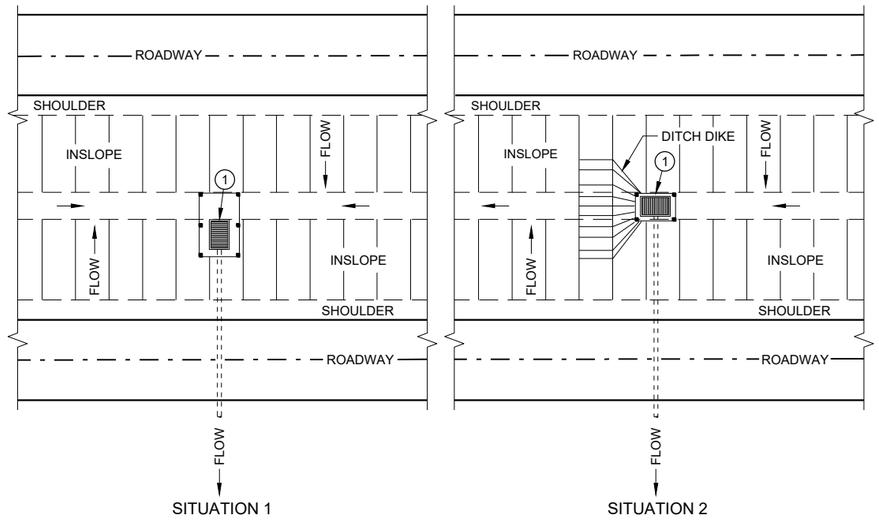
6

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



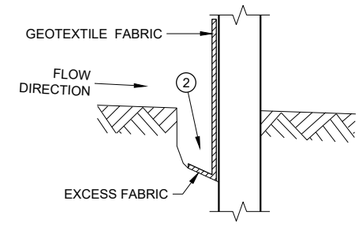
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

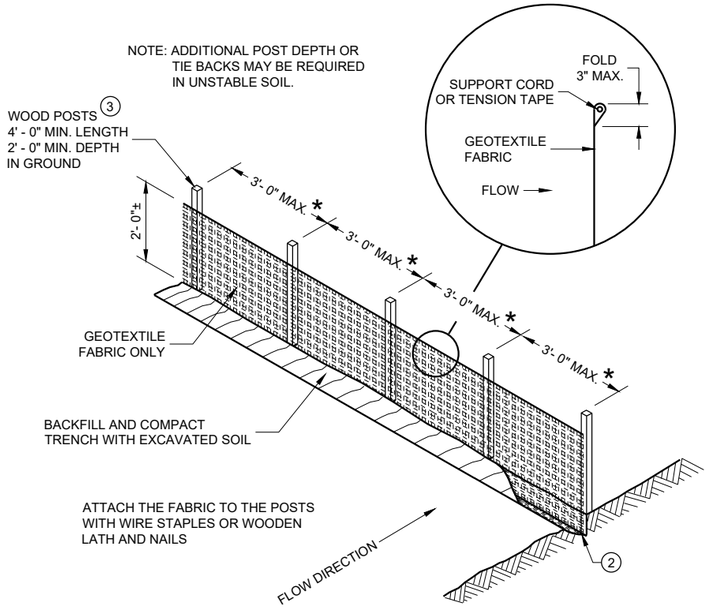
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

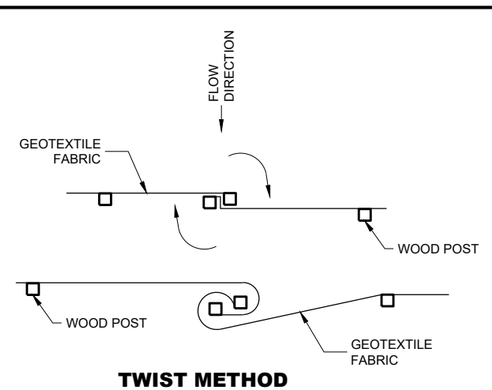
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 ⅛" X 1 ⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



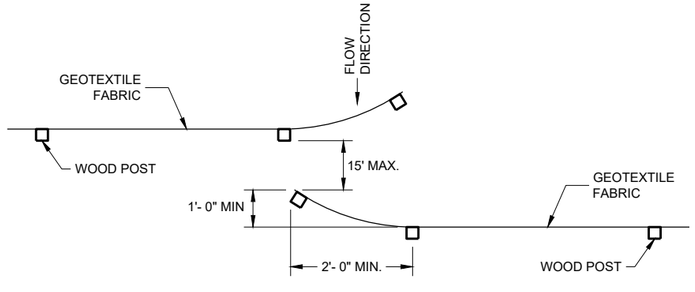
TRENCH DETAIL



SILT FENCE

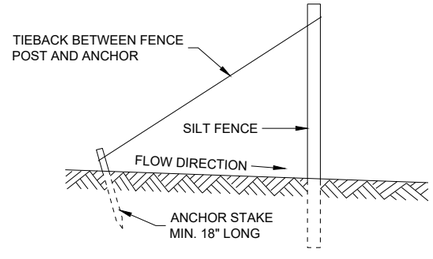


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

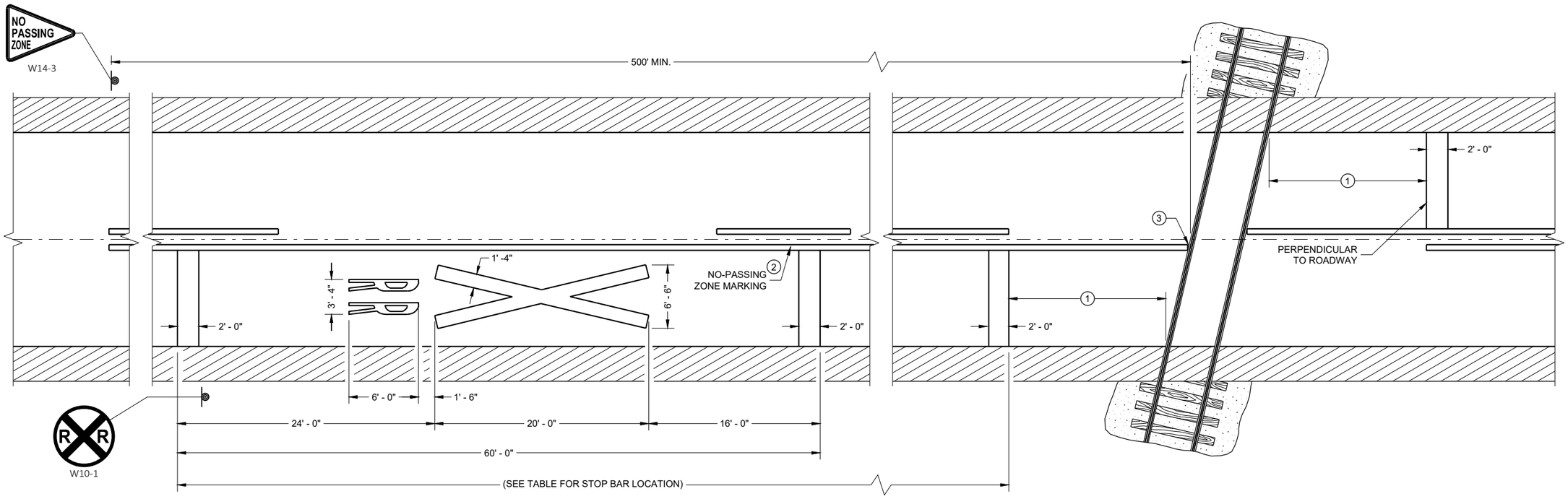
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/29/05 — DATE
/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

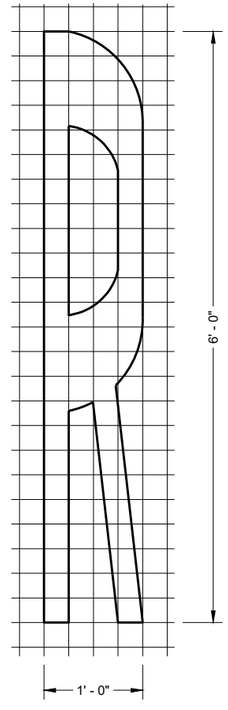
FHWA

SDD 08E09 - 06

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)



PAVEMENT MARKING



LEGEND

SIGN ON PERMANENT SUPPORT

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

TRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

(1) PLACE STOP BAR APPROXIMATELY 8 FEET IN ADVANCE OF THE GATE (IF PRESENT), BUT NO CLOSER THAN 15 FEET IN ADVANCE OF THE NEAREST RAIL. FIELD-FIT STOP BAR TO MAXIMIZE VIEW OF APPROACHING TRAIN.

(2) 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.

(3) FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

DISTANCE TABLE

TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

POSTED SPEED (M.P.H.)	DIMENSION RANGE (FEET)
25	150* - 250'
30	200* - 300'
35	250* - 450'
40	300* - 500'
45	400* - 650'
50	550* - 800'
55	750* - 1000'
60	1000* - 1250'
65	1000* - 1250'

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSED PROXIMITY OF DRIVEWAYS, BRIDGES, SIDE ROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.

SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER

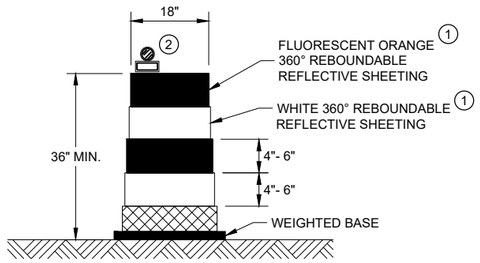
FHWA

SDD 15C09-13a

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

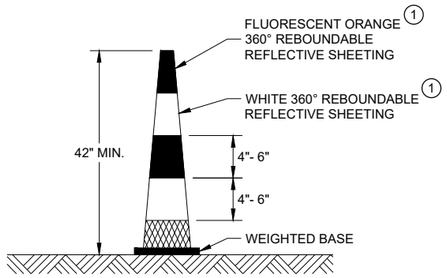
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

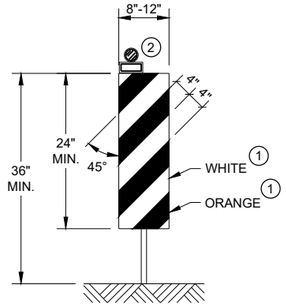
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

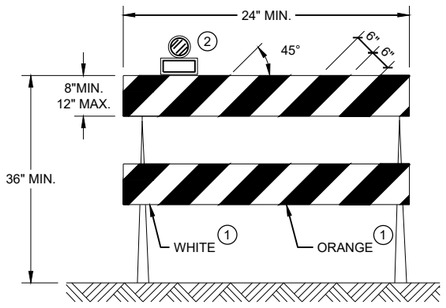
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



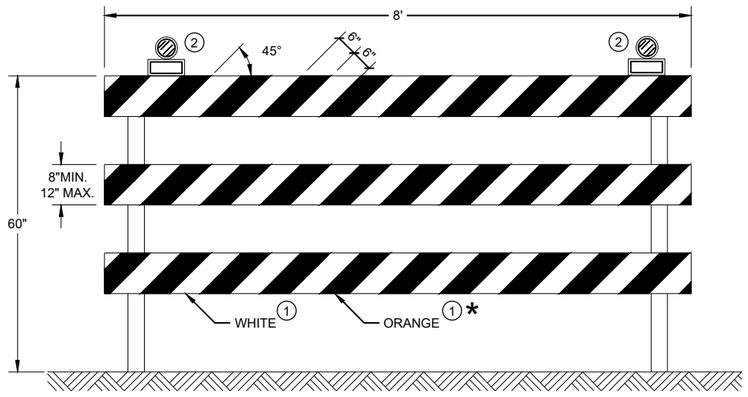
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD15C11 - 10b

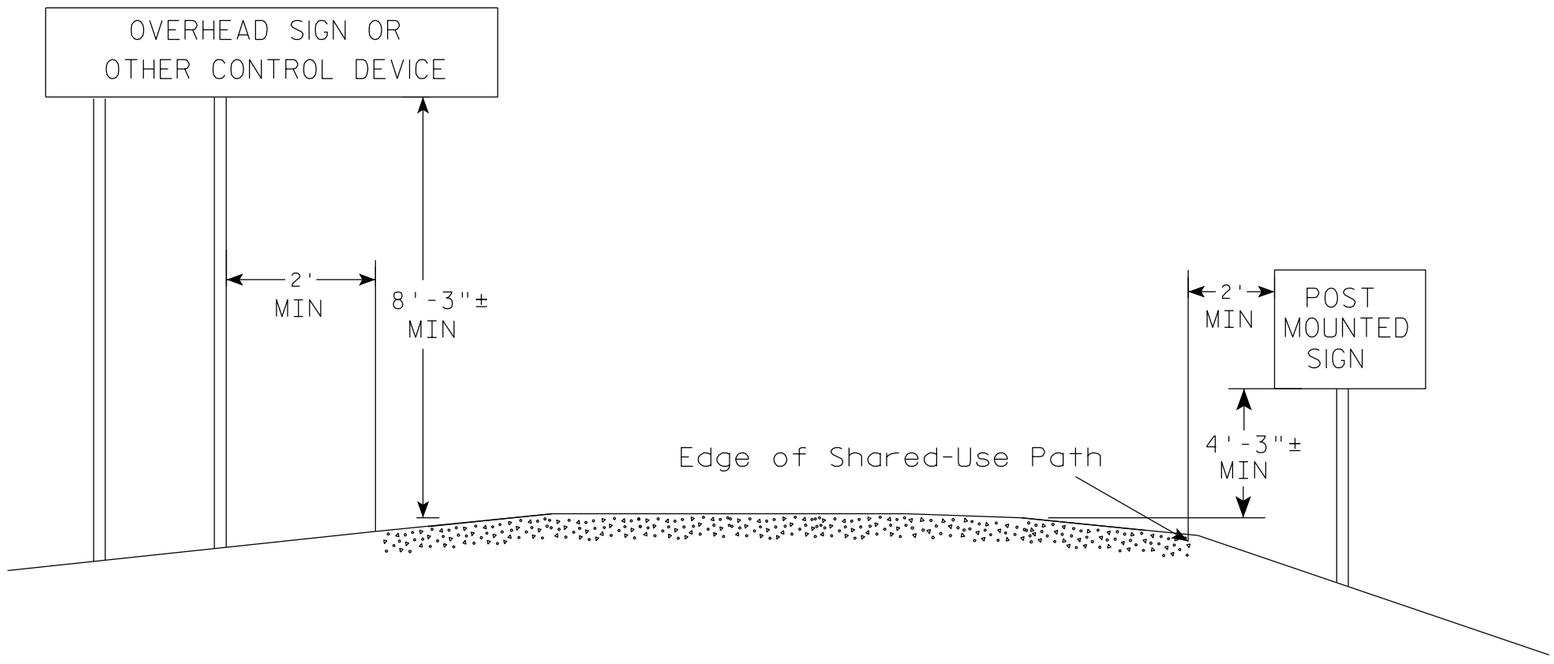
6

SDD15C11 - 10b

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

GENERAL NOTES

1. Signs wider than 4 feet or larger than 20 sq. ft. shall be mounted on multiple posts. Refer to plate A4-4.
2. Offset distance shall be consistent with existing signs or consistent throughout length of project.
3. The height from ground level to the sign is 8'-3"± min. for the Overhead sign or other control device.
4. The height from ground level to the sign is 4'-3"± min. for the Post mounted sign.



POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON MULTI USE PATHS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

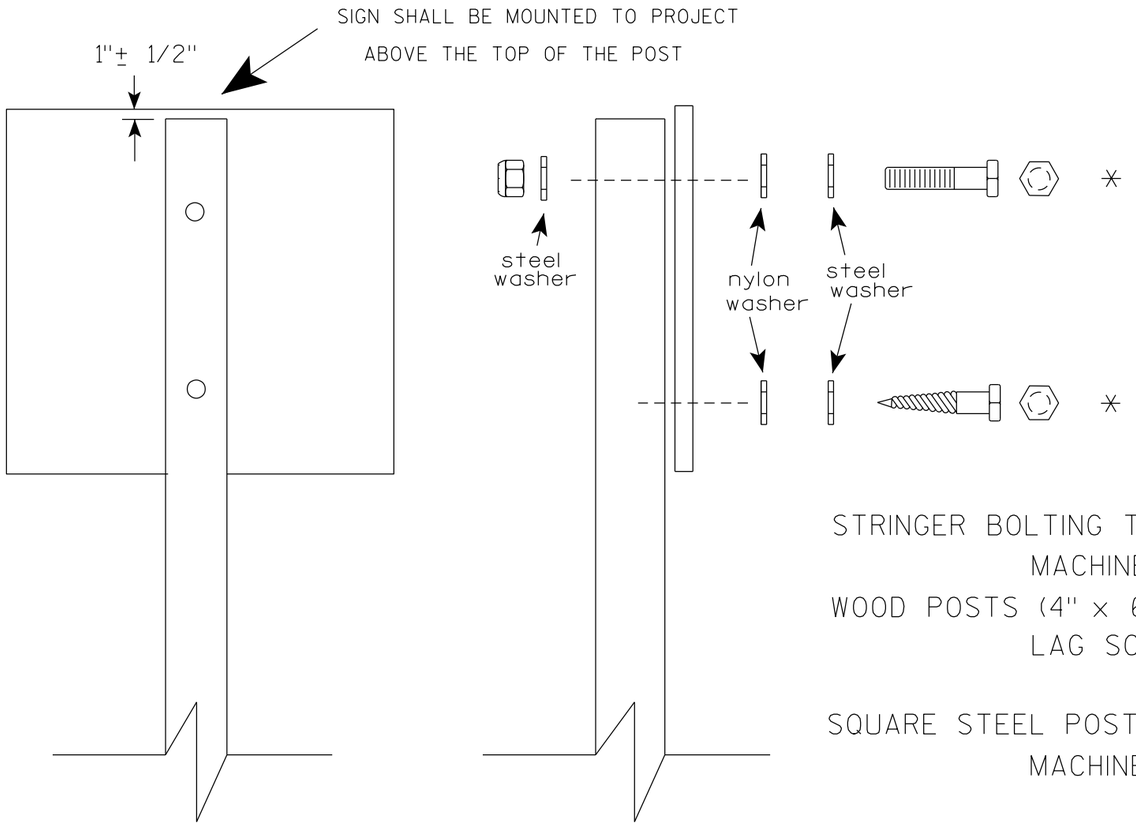
DATE 3/26/2020 PLATE NO. A4-3S.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 25	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A43S.DGN PLOT DATE : 26-MARCH-2020 PLOT BY : dotc4c PLOT SCALE :

WISDOT/C

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

SHEET NO: 26 E

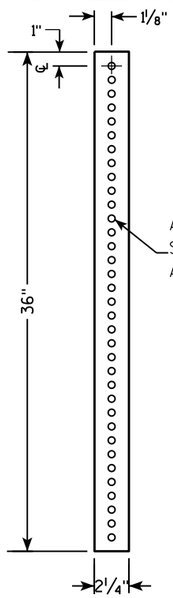
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 01-APRIL-2020 PLOT BY : dotc4c

WISDOT/CADD

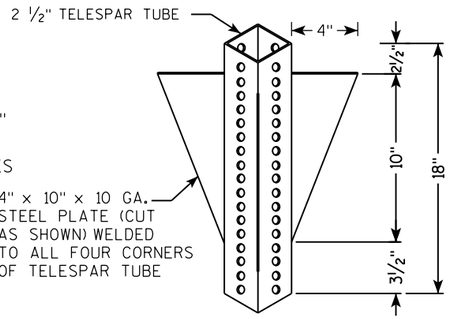
Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

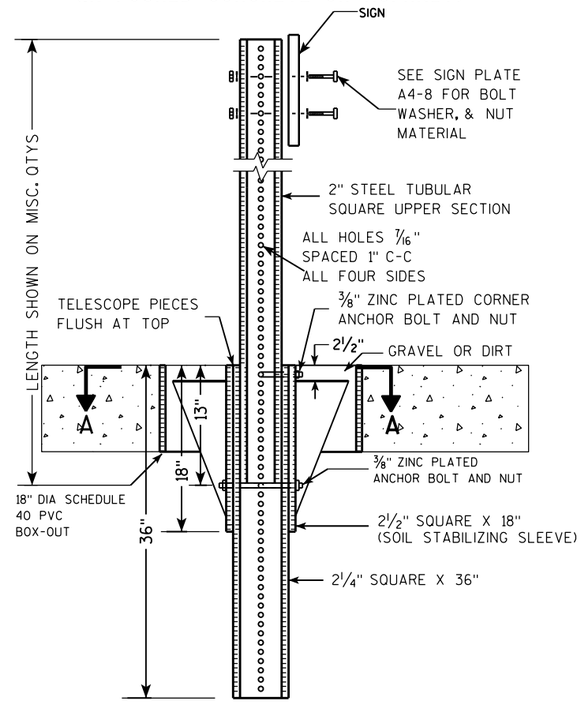
2 ¼ " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



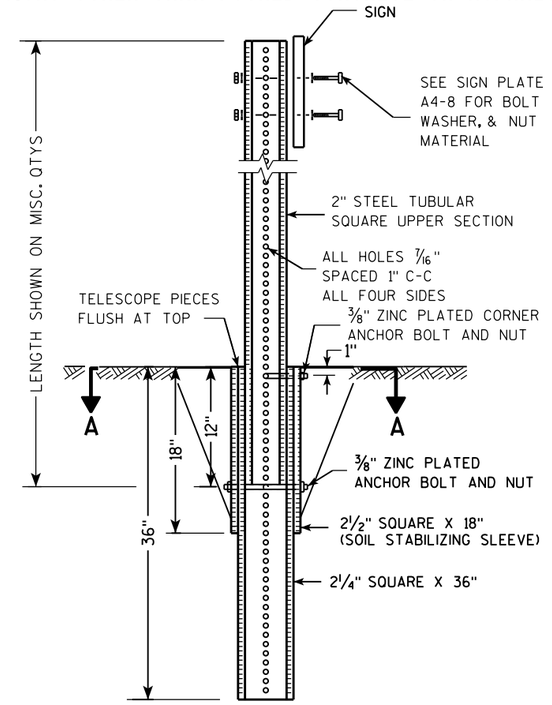
2 ½ " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

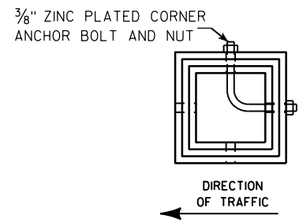


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauu
for State Traffic Engineer

DATE 2/05/15 PLATE NO. 27A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET

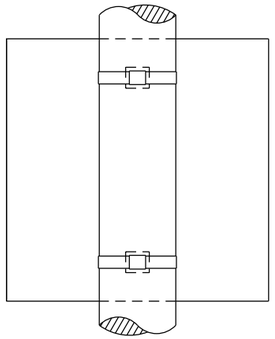
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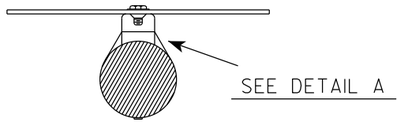
WISDOT/CADDS SHEET 42

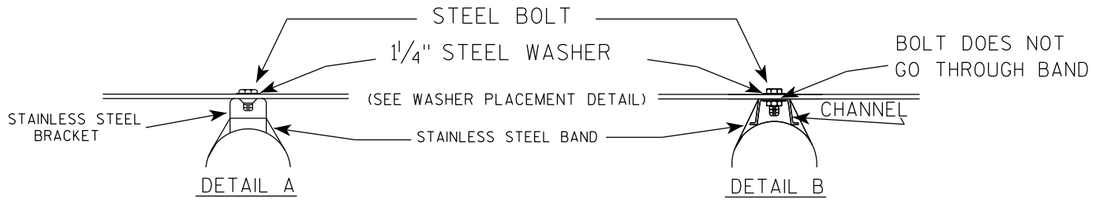
Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

BANDING

SINGLE SIGN



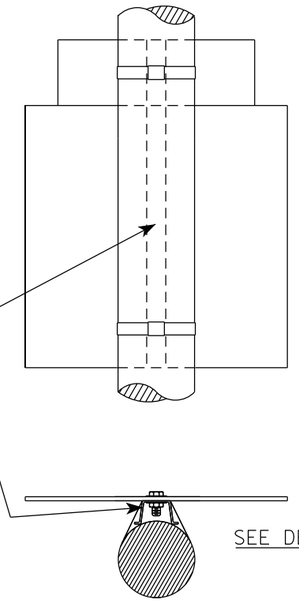




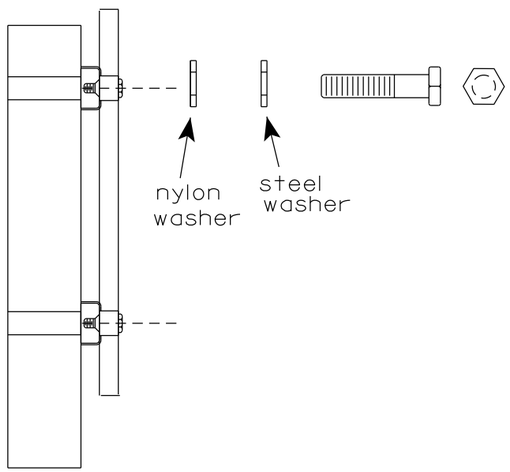
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

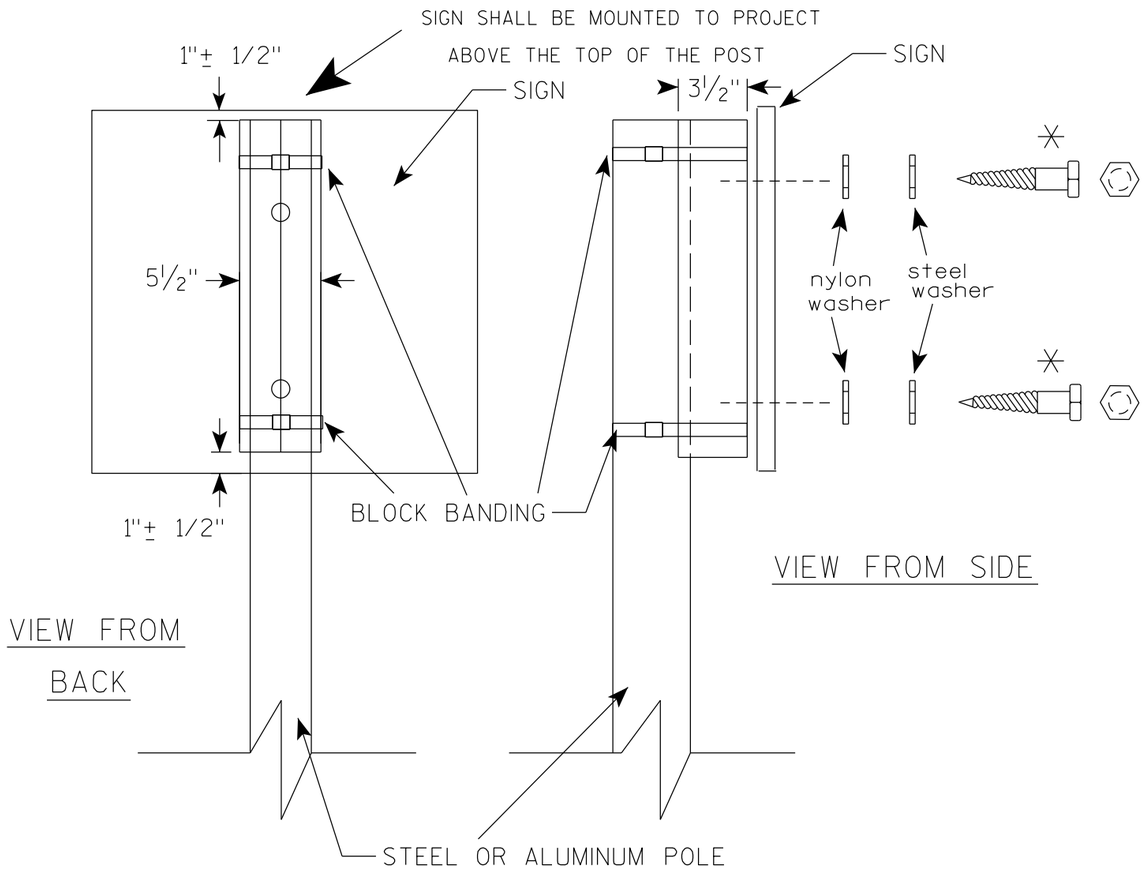
APPROVED Matthew R Rauch
for State Traffic Engineer

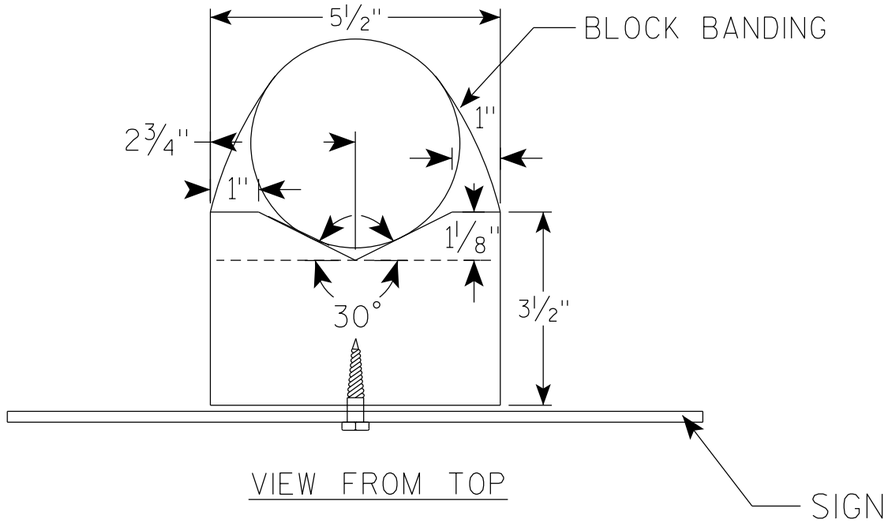
DATE 6/10/19 PLATE NO. A5-9.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 28	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

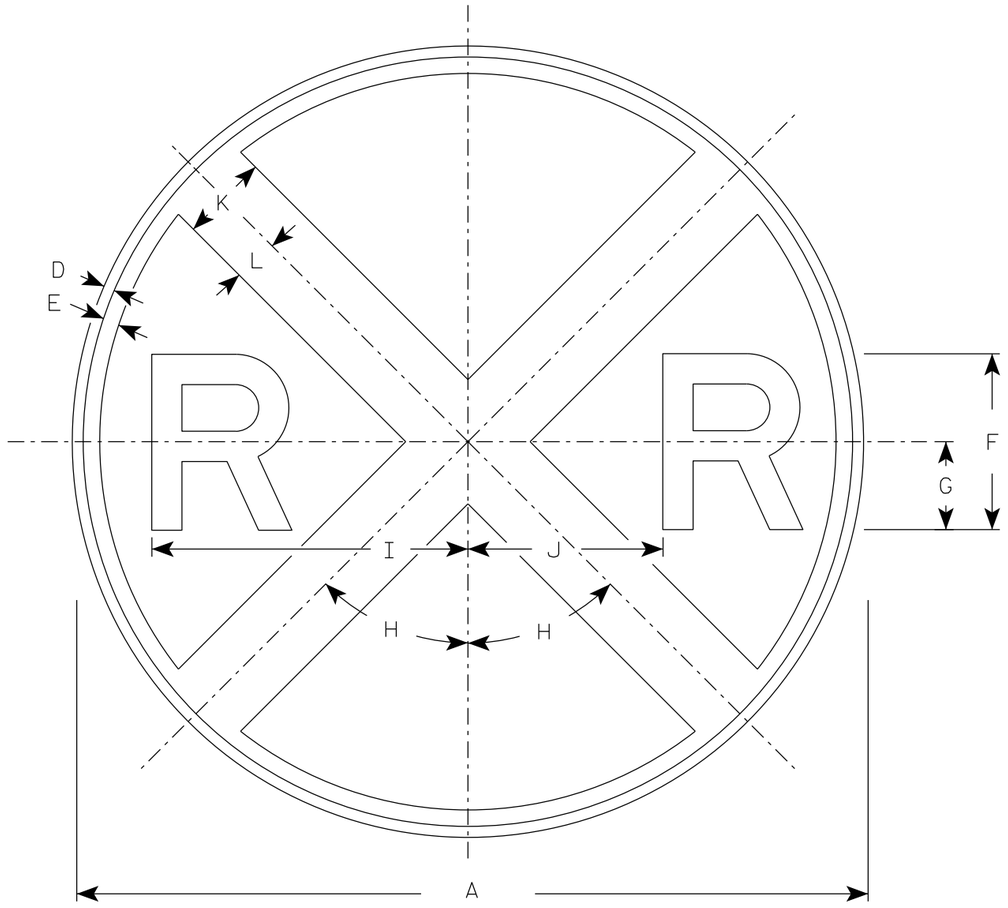
SHEET NO: 29 **E**

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A510.dgn PLOT DATE : 19-APRIL 2022 11:55 PLOT BY : dotc4c

WISDOT/

7

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)



W10-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30			3/8	5/8	7	3 1/2	45°	12 3/8	7 1/8	3	1 1/2															4.91
2S	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
2M	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
3	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
4	48			3/4	1 1/4	10	5	45°	18 3/8	11 5/8	5	2 1/2															12.57
5																											

STANDARD SIGN
W10-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/27/24 PLATE NO. W10-1.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 30	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate_W101.dgn PLOT DATE : 27-MAR 2024 3:30 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/C

Attachment: 48222270_pln_90%-reduced (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

4822-22-70
Ozaukee Interurban Trail
North County Line - Grafton Corporate Limit Excluding City of Port Washington
Ozaukee County

Engineers Estimate – 90% PS&E
October 28, 2024

Item Number	Description	Unit	Unit Price	TOTAL Quantity	TOTAL Sub-Total
1	Removing Asphaltic Surface	SY	$ 20.00	100	$ 2,000.00
2	Removing Asphaltic Surface Butt Joints	SY	$ 13.60	380	$ 5,168.00
3	Aggregate Shoulder	TON	$ 15.00	2,790	$ 41,850.00
4	Base Aggregate Dense 1¼-Inch	TON	$ 45.00	20	$ 900.00
5	HMA Pavement 3 LT 58-28 S	TON	$ 70.00	8	$ 560.00
6	HMA Pavement 4 LT 58-28 S	TON	$ 73.00	7,210	$ 526,330.00
7	HMA Pavement 6 LT 58-28 S	TON	$ 90.00	3,090	$ 278,100.00
8	Concrete Sidewalk 6-Inch	SF	$ 13.00	860	$ 11,180.00
9	Curb Ramp Detectable Warning Field Natural Patina	SF	$ 45.00	492	$ 22,140.00
10	Curb Ramp Detectable Warning Field Radial Natural Patina	SF	$ 60.00	47	$ 2,820.00
11	Silt Fence	LF	$ 3.60	400	$ 1,440.00
12	Posts Tubular Steel 2x2-Inch x 11-FT	EACH	$ 200.00	2	$ 400.00
13	Signs Type II Reflective F	SF	$ 32.00	6.28	$ 200.96
14	Removing Signs Type II & Small Sign Supports	EACH	$ 85.00	2	$ 170.00
15	Traffic Control 4822-22-70	EACH	$ 50,000.00	1	$ 50,000.00
16	Marking Railroad Crossing Epoxy	EACH	$ 1,400.00	2	$ 2,800.00
17	Marking Stop Line Epoxy 24-Inch	LF	$ 40.00	20	$ 800.00
18	Sawing Pavement	LF	$ 1.80	565	$ 1,017.00
			$ -	-	$ -
	Sub-totals		**Subtotal**		**$ 947,875.96**
			Contingency	10%	$ 94,787.60
			Subtotal with Contingency		**$ 1,042,663.56**
			Construction Engineering	8%	$ 83,413.08
			Total		**$ 1,126,076.64**

Attachment: 48222270_est_90 (P&PDept_OITProjectsUpdate_RepavingandSTH60Extension)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Update on Hawthorne Hills County Park Multipurpose Maintenance Building Construction and Change Orders

ATTACHMENTS:

- P&P_Dept_Hawthorne Hills Multipurpose Parks Building Change Order Summary 10.28.2024 (PDF)

NATURAL RESOURCES COMMITTEE

Hawthorne Hills County Park Multi-Purpose Maintenance Building - October 2024 Change Order Summary			
Contractor	**Debit**	**Credit**	**Comments**
Absolute Construction	$ 687.50		Kitchen Plumbing Work
Absolute Construction	$ 689.00		HVAC Revisions
Totals	**$ 1,376.50**	**$ -**	

Attachment: P&P_Dept_Hawthorne Hills Multipurpose Parks Building Change Order Summary 10.28.2024

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: **November 7, 2024**
DEPARTMENT: **Planning and Parks**
DIRECTOR: **Andrew Struck**
PREPARER: **Andrew Struck**

Agenda Summary Planning & Parks Department Management and Financial Reports

ATTACHMENTS:

- P&PDEPT_MGMTREPORT_NRC110724_OCT2024_FINAL_ATS102924 (PDF)
- CommRpt2024_10.28.2024 (PDF)
- 2024 Summary of Parks Revenue September (PDF)
- Golf Courses Daily Revenue September 2024 (PDF)
- Wisconsin Great Lakes Chronicle 2024_CBCGNP Article (PDF)
- Mequon Beacon, November, NRC magazine (PDF)
- News Articles_Nov2024 (PDF)

NATURAL RESOURCES COMMITTEE

GOLF COURSES

GOLF COURSES — MEE-KWON PARK AND HAWTHORNE HILLS

- Oct (thru Oct 20th) revenue and rounds: $177,500.58 and 5,033 rounds (2024) and $124,289.19 and 3,924 rounds (2023) for both MKGC & HHGC. Summary of 2024 total revenue (YTD) $2,841,191.30 and 76,619 rounds ($37.08/person) & 2023 total revenue (YTD) $2,805,904.80 and 77,978 rounds ($35.98/person). October 2024 had an increase in rounds and revenue through the 20th. Up 1,109 rounds and $53,211.39 and YTD down 1,359 rounds, but up in revenue $35,286.50.
- GC Maintenance staff have continued work on ash tree/invasive species removals and tree planting under the USFS grants, particularly at MKGC near the Clubhouse and HHGC near the Clubhouse & Maintenance Building. Tree planting & ash tree removals will continue in 2025. GC Maintenance will start winterizing later this month, courses are in great shape.

ECOLOGICAL DIVISION

BIRD CONSERVATION / BIRD CITY WISCONSIN

Ozaukee County was awarded "High Flyer" status for its Bird City Wisconsin (BCW) renewal in 2024. The "High Flyer" status is the highest level of achievement under BCW and Ozaukee County was the first County in the State to achieve "High Flyer" status and is one of only 34 communities to accomplish this highest level out of 80 BCW communities in WI. Continued maintenance and monitoring of nest boxes (Kestrel, Bluebird, Wood duck) including 11 new bluebird boxes at Tendick, 9 new bluebird boxes at Virmond and several new Wood duck boxes at LMRFWP and HH Park. Received additional bluebird boxes from LMBO for installation at the LMRFWP. Coordinated on Kestrel Box research/monitoring and w/ LMBO for Oakland Green.

FISH PASSAGE PROGRAM / ECOLGOICAL

Aquatic Connectivity Projects: Coordination with landowners, local municipalities, County Highway Dept (HWY), and contractors (youth conservation corps) for completion of planned construction and site restoration work, including grant-funded materials acquisition and Federal, State and local permitting. Contract management and site visits for finalizing engineering and design work for culvert replacements or remediation work on Tendick Creek in the T Saukville, Sucker Brook Creek in T Port Washington, and Silver Beach Creek in the T Belgium.

Habitat Improvement Projects: Continued restoration (e.g. Prairie planting and management at Oakland Green Park) and ongoing permitting for stream and wetland restoration work on Tendick Creek/Park. Coordinated with HWY, the Village of Saukville, engineers, funding partners and landowners for land acquisitions and planning for habitat restoration in conjunction with the CTH W rehabilitation project in the Village of Saukville. Project closeout for Lake Sturgeon habitat assessment grant in coordination with WDNR and UW-Milwaukee. On-going planning with partners for Sucker Creek restoration work. Coordinated w/ consultant (Inter-Fluve) and UCP on ongoing habitat enhancements at Ulao Creek. Coordination w/ City of Port Washington on planned habitat improvements on Mineral Springs Creek & Sauk Creek. Engineering & design RFP development and project planning for Mineral Springs Corridor Resiliency, Virmond Park stormwater wetland & CBCGNP restoration projects.

Environmental Monitoring: Continued analysis & reporting of fish, avian, wildlife, and water quality sampling data per QAPPs. Supplies and materials acquisition, project planning and continued implementation of 2024 monitoring activities. Water quality sampling analysis for the Little Menomonee River/Creek and Ulao & Mole Creeks. WQ sampling at LMR/LMC (10/30-10/31) and Ulao and Mole (10/30-10/31). Coordinated w/ SEWRPC for flow monitoring on Sucker Creek. Monitoring of flow and temperature units. Continued water quality monitoring analysis as part of WDNR AOC LMR & SW Grants. Ongoing monitoring/analysis of the underwater "fish cam" at MT Fishway. Continued larval & backpack electrofishing fish monitoring data analysis and reporting on project streams. QAPP approval for upcoming 2024 projects (e.g., Tendick Creek stream and wetland restoration). Coord. w/ Shedd Aquarium on Sucker fisheries monitoring on Sucker Creek.

Education and Outreach Activities: On-going website and social media development and refinement of multiple education/outreach materials and updates on construction and restoration projects. Temporary signage at construction and restoration projects. Development of temporary and permanent education signage for multiple projects including Mineral Springs Creek w/ LMBO, Lake Michigan public access, wetland restorations, chimney swift tower at Virmond County Park & Tendick Nature Park wetland and prairie restoration. Research of applicable bluff safety signage, brochures and ordinances. Website updates.

Reporting and Other Activities: On-going grant (financial & technical) reporting for USFWS, USFS, NOAA/WCMP, NFWF SOGL, WDNR (Stewardship, SWM, CCA, OGW), SEWISC & FFLM. Submitted multiple grant applications. QAPP & NEPA submittals & approvals for federal & state funded projects. Coordinated w/ AmeriCorps NCCC, WisCorps, & MCSC on 2024 work. Coordinated w/GLE regarding the GIS Fish & Wildlife Habitat Tool contracts. Coordinated w/ partners (MMSD, Riverkeeper, SEWRPC) on water quality monitoring. Coordinated w/ LMBO, CPort Washington, We-Energies, HWY & WDNR regarding stream corridor restoration on Mineral Springs Creek. Coordinated w/ OCWC, consultants, & landowners on stream & habitat restoration planning for Sucker Creek in Towns of Port Washington & Belgium (). Coord. w/ WDNR MR AOC & Lamp Coordinators. Coordinated w/ Finance on project accounting system, grant reporting/reimbursements & annual audit. Completed multiple federal & state grant reimbursement requests. Mtgs for the AOC MAIT (), Fish & Wildlife Tech Team (), & Project Managers (). Coordinate w/ Hwy, landowners & consultant on CTH W Project. Coordinated w/ Interfluve, raSmith & Fish Creek Restoration consultants on FP & habitat restoration projects (). Coordinated w/ WDNR Fisheries on grant funding for current & future projects. Coordinate w/ LMBO Re: MSC restoration & educational signage. Mtgs w/ Sugar Maple Nature School Re: Development (10/3, 10/4, 10/11, 10/25). Coordinate w/ SEWRPC Re: LMPN grant, inland lake surveys () and Sucker Creek flow monitoring units in Sucker Creek. Monitor acoustic monitors for herps and birds at LMRFWP. Coord w/ HWY on 2024 and 2025 Parks & Ecological Division projects. Coordinated w/ partners (UW–Madison Geoscience Dept, WI Geologic & Natural History Survey, US Geological Survey) on coastal bluff erosion & groundwater monitoring well issues. SWWT Finance and Board Mtg (10/8, 10/15). Coordinate w/ UW Sea Grant on Interviews for Coastal Resiliency Outreach Specialist to serve SE WI. Host Pollinator Day with LWMD at Tendick Nature Park (10/9). Town of Saukville Board Meeting Re: Town Property and future County Park (10/15). Virtual Mtg w/ WDNR Re: LMPN Grant for 2025 (10/22). Mtg w/ LMBO Re: 2024 Outcomes (10/23). Virtual Mtg w/ WDNR Re: SW Grants and QAPP (10/24). Southern Housing Region Committee Mtg (10/28). Virtual Mtg w/WDNR Re: Tendick Re: Arch Study & QAPP (10/29).

INVASIVE SPECIES MANAGEMENT

Continued removal of ash trees, invasive shrubs and herbaceous spp. at County Parks and Restoration Areas including Tendick, Covered Bridge, Lion's Den Gorge, Mee-Kwon, CBCGNP, Hawthorne Hills, River Oaks, Ulao Creek NP & Virmond Parks under private foundation grants. Continued work on private foundation grants for native tree planting and invasive management in the County Park System. Continued planning for ROW Invasive Species Treatment and coordinated w/ HWY on implementation. Coordinated on 3 USFS grants w/ Partners (HH Park & Coastal Parks Project Areas) for tree planting and Corps Team assistance.

DEPARTMENT ADMINISTRATION

- Attend NRC (10/1), CB (10/2,10/16), CPB (10/16), Public Works (10/17), Exec Cmte (10/2). Dept 2025 budget, goals, engaging.
- Managing staff teleworking/remote working and parks & golf course operations. Worked on metric reporting & website statistics.
- Department Head Meeting Re: Budget, etc. (10/8).

PLANNING & PARKS DEPARTMENT

CURRENT PROJECTS & REPORT UPDATES

OCTOBER 2024



MISSION STATEMENT

To provide opportunities for Ozaukee County residents and visitors to appreciate and enjoy the natural and cultural resources, local ecology, recreational experiences, well planned sustainable growth and improved quality of life in Ozaukee County through the preservation, restoration and management of natural resources, increased awareness and education, stewardship, promotion of tourism, comprehensive planning, and the acquisition, development, enhancement and operation of large scale, intergovernmental recreational opportunities including exceptionally well-maintained golf courses, cultural resources, multi-use trails and parks.

https://www.co.ozaukee.wi.us/540/Planning-Parks

Ozaukee County Administration Center
121 W. Main Street, Box 994
Port Washington, WI 53074-0994
Phone: 262-284-8257

Attachment: P&PDEPT_MGMTREPORT_NRC110724_OCT2024_FINAL_ATS102924

Ozaukee County Planning and Parks

PLANNING DIVISION

Comprehensive Planning

- Reviewed local government amendments to County Comprehensive Plan (e.g. Towns of Grafton, Port Washington, Belgium, Cedarburg & Saukville, Villages of Grafton, Belgium & Newburg & Cities of Port Washington & Mequon). Coordinated w/ SEWRPC on County Comp Plan amendment regarding local governments.
- Coordinated w/Town of Saukville, Town & Village of Belgium and Village of Fredonia on amending their local comprehensive plan, planned land use map and County Comprehensive Plan. Explored options w/ SEWRPC.
- Began to review the GIS mapping for the proposed local government amendments to the County Comprehensive Plan (e.g. planned land use map). Follow-up w/ SEWRPC staff regarding level of effort for updates.
- Continued to staff the Comprehensive Planning Board meetings (10/16) (regular schedule—every month). Meeting agendas and minutes at https://www.co.ozaukee.wi.us/2107/Comprehensive-Plan-Board

Land Division / Plat Review / Zoning

- Discussed/reviewed preliminary/final land divisions with landowner(s) in the Towns of Grafton, Port Washington, Saukville & Cedarburg. Generated GIS maps including: zoning, land use, soils, floodplain, wetlands, etc.
- Provided review for proposed projects under the County-owned lands zoning ordinance including: Pinnacle property—communications tower, Highway properties—nonmetallic mining, Advocates of Ozaukee—building expansion, Hawthorne Hills County Park—Pioneer Village windmill structure and SMNS Buildings and Grafton (CTH V/W) Park & Ride—County ownership. Revision to County-owned Lands Zoning Ordinance (P-1 district)

Park and Open Space Plan - Park & Natural Areas Preservation/Conservation Planning

- Reviewed prioritization and implementation recommendations in the adopted *Park and Open Space Plan for Ozaukee County: 2035 (POSP)* as approved by County Board on June 1, 2011. Coordinated with SEWRPC staff regarding the update to the POSP, inventory data, mapping, chapters and on-site surveys. Coordinate with the Comprehensive Planning Board - POSP Chapters including plan recommendations and SWOT.
- Discussed recommendations of the POSP with residents, WDNR, MMSD/Conservation Fund, OWLT, WWA, ROTB, FOCB, USFWS, C Mequon and Ozaukee Treasures Network, particularly with regard to identified Natural Areas and proposed County parks and trail systems. Continued discussions with interested citizens regarding developing a mountain bike park & natural area acquisitions (CTH W-VSaukville, OIT-TGrafton, Town of Saukville Properties-TSaukville, Waubedonia-TFredonia, LDGNP/CBCGNP Project Area—TGrafton)
- Coordinated with the Conservation Fund/MMSD on the expanded Greenseams Program (CTH W, Ansay). Coordinated w/ USFWS, WDNR, Ducks Unlimited, Conservation Fund/MMSD on fish passage projects.
- Coordinated/attended meetings with partners (e.g. FOCB (10/3, 10/6), WDNR (10/29), MMSD/TCF(), OWLT, OCWC, BCW (), DU, OTN, LMBO (), WAC) to discuss natural area preservation/restoration projects.
- Revising final drafts of three County Park Master Plans including Virmond, Lion's Den Gorge Nature Preserve (LDGNP) and Clay Bluffs Cedar Gorge Nature Preserve (CBCGNP). Updating ALL Park Master Plan (GIS) maps w/ Staff. Follow-up on the CBCGNP overall master planning and future restoration. Summarized POSP Public Info Mtgs, SWOT and prepared draft Chapters including County Project Areas and Exec Summary.
- Coordinated with WDNR staff on Stewardship grant requirements and recent WDNR Stewardship Grants.

Farmland Preservation Plan and Working Lands Initiative

- County Board formally adopted the *Farmland Preservation Plan for Ozaukee County: 2035 (FPP)* on July 3, 2013 as a stand alone plan. The County Board adopted the Comprehensive Plan Amendment 2013-02 (incorporation of FPP & POSP) on 12/4/13. Received $30,000 DATCP FPP Grant and certification extension. Coordinated (w/ SWWT & MMSD and other partners) on implementation of the Cedar, Pigeon, Mole and Ulao Watershed 9 Key Element Plan per FPP (e.g. Tendick Creek floodplain and wetland restoration per grants).
- Coordinated with the Town of Belgium on a revision to the County FPP per a zoning/land use change.

Geographic Information Systems (GIS) / Land Information

- Continued development of the GIS Fish & Wildlife Habitat Model and Ecological Prioritization GIS Tools with partners (NACPRO Award 2021). Reviewed Preservation/Restoration output maps with partners and coordinated with staff/partners/consultant on next steps for the GIS Tools. Continued work on Fisheries/Herps component of the GIS Tools. Worked w/ consultant on SLCI reports for LMRFWP (NACo Award 2023).
- Prepared several GIS databases and maps for the Planning, Parks and Trails and Ecological Division regarding: land divisions, zoning, tree plantings, natural areas, Trail/ROTB, streams/Impediments, wetland/riparian restorations, stormwater, water quality, fish & wildlife monitoring, invasive species, and restorations.
- Coordinated w/ LIO on GIS databases (trails, land use), JEM Grant (GIS Storybook OIT), & legal descriptions.
- Coordination w/ LWMD on an update to the County Shoreland (& Floodplain) Zoning Maps and Stream layer.

Floodplain, Stormwater Management, Bluff Erosion and Construction Site Erosion Control

- Developed/reviewed erosion control, floodplain and stormwater management plans, permits and implementation for various Fish Passage Program projects (e.g. MSC, Sucker & Tendick Creeks), Parks (e.g. MK and Virmond stormwater wetlands, HH Park SMNS Bldg., Well & Septic, Covered Bridge development) & Ozaukee Interurban Trail projects with USACOE, WisDOT, WDNR, LWMD, consultants, & municipalities.
- Coordinate w/ WCMP State Coastal Hazards WG regarding Virmond Park, LDGNP, CBCGNP & other projects. Coordinate w/ UW Sea Grant/WGNHS on outreach for Lake Michigan water levels and bluff erosion/climate change & Outreach Interviews. Coordinated WCMP Coastal Resilience Project (e.g. predicting bluff erosion and water study—Virmond Park, Master Plans—CBCGNP, Virmond, LDGNP) & follow-up CHWG.

Strategic Planning and Economic Development Planning

- Coordinated w/ Chambers of Commerce, State & County Tourism on a State Tourism Joint Effort Marketing (JEM) grant for promoting the Ozaukee Interurban Trail. Continued to report on the Department goals, objectives, & metrics for the County Strategic Plan. Follow-up on Strategic Plan Session w/ County Board. Worked on comprehensive SWOT document with CPB. Oz Economic Development Practitioners Mtg (10/24).

Non-metallic Mining Planning

- Coordinated w/ the Highway Dept on the implementation of the restoration plan (e.g. tree estab Hetzel Pit / Bee-Keeper Bog) to comply with the WDNR permit. Coordinated with the Highway Dept for restora tion / reclamation activities at the Saukville properties (Guenther, Lakeland and Opitz Pits) and coordinated w/ multi-Department staff, HWY and the Town of Saukville for future land use at these properties ().

Regional Technical Review & Planning Assistance (SEWRPC, MMSD, WisDOT, etc.)

- Coordinated w/ SEWRPC Regional Land Use & Transportation & Natural Areas Advisory Cmte mtgs.
- Coordinated w/ SWWT & OCWC on 9-Key Element Plans-Ulao, Mole, Pigeon, Cedar & Fredonia.
- Coordinated w/ WisDOT & Consultants on STH 60 (), 167, 181 & I-43 reconstruction projects.

PARKS, RECREATON, NATURAL AREAS AND CULTURE DIVISION

Parks, Natural Areas, Recreation and Culture Implementation

- Implementation of 2024 park projects (e.g. boardwalks and bridges) & approved Capital Improvement Projec (CIP) for the County parks (e.g., Maintenance Bldg., Cameras, Security Gates, Campground). Coordinated HWY on other Park (e.g., HH Park paving), Fish Passage (Tendick, Sucker & Mineral Springs Creeks) and O kee Interurban Trail (e.g., tree/brush removal, signage, patches) projects & CTH ROW Invasives. Coordinat Highway Re: 2024 Projects (Park, Ecological/FP) & CTH W E&D, reconstruction, restoration, land acquisitio
- Coordinated w/ Eagle Scouts for current/future service projects at County Parks and Interurban Trail (e.g. Fe ing /Portable Bathroom Shelter—LMRFWP, Invasives—HH Park, Kayak/Canoe Launch—River Oaks).
- Coordinated/continued intensive invasive species removal (e.g. herbaceous & woody shrubs), ash tree remo and 2024 tree plantings at Lion's Den Gorge Nature Preserve, CBCGNP, Virmond, Mee-Kwon, Hawthorne H LMRFWP, Waubedonia, Covered Bridge, Ulao Creek NP and Tendick Nature Parks, Coastal & HH Park Pro Areas (USFS grants) & both Golf Courses under private foundation and USFS GLRI grants. Continued inve of invasive species, tree plantings, and ash trees in the County Parks.
- Coordinated w/ several recreational organizations regarding the Mee-Kwon County Park master plan. Work on signage/maps/trail marking for the pedestrian trail network. Working on NRF grant to improve trail syster
- Coordinated with the Parks staff on the remodeling and repair of the Shady Lane, Mee-Kwon, Waubedonia a Virmond Park Houses (soffits, paint), out buildings (e.g. woodshop) and yard (e.g., invasives, trees) and the Park Multipurpose Maintenance Building (upper level—flooring, kitchen, cabinets, painting, etc.).
- Coordinated w/ Ozaukee Treasures Network (OTN) Steering Cmte., a collaboration of organizations working the implementation of the *Park and Open Space Plan for Ozaukee County*. Coordinated w/ Ozaukee Count Watershed Coalition (OCWC) regarding Sucker Creek. Discussed development of Parks Friends Group.
- Managed prairie restoration areas at Tendick, LMRFWP, Covered Bridge, Virmond County Parks, Oakland Green Park/MSC (Received 2024 NACPRO Award), MK Park Wetlands and HH Park Multipurpose Bldg.
- Worked on the new CBCGNP, Ulao, Covered Bridge & River Oaks County Parks additions regarding survey restoration, tree removal (e.g. ash), invasive species removals, signage, trails, maintenance and tree plantin
- Coordinated with Partners regarding the Clay Bluffs Cedar Gorge Nature Preserve. Continued coordination partners (OWLT, WDNR, WCMP, USFS & USFWS) Re: habitat restoration & public access.
- Coordinated w/ WCMP Coastal Hazards Work Group, contractor, City and WCMP staff on the public access stairway to Lake Michigan at Virmond Park. Received 2023 NACPRO Park & Rec Facility—Class I Award.
- Coordinated w/ Parks Division staff on multiple items (e.g. reservations, signage, benches, gates, ash trees, Park Maint. Bldg., camping, boardwalks, etc.), scheduling w/ Corps (AmeriCorps & WisCorps) and tree plant
- Coordinated w/ Architect (Kueny) & Contractors for Hawthorne Hills Multipurpose Maintenance Bldg. (10/29)
- Coordinated w/ Highway and Grafton & Mequon FDs regarding access/parking at LDGNP and Virmond Park
- Coordination w/ UW Madison Landscape Architecture Student on Final Report/Design for HH Park Campgro
- Managed New Prairie Seeding (~10 acres) at HH Park and HHGC.

Coordination with Cultural, Tourism & Recreation Groups

- Coordinated/Mtg w/ Ozaukee County Tourism Council (OCTC) Board (10/21)) & Exec Mtgs (). Continued wo on Tourism & Trail websites, Guide, maps & events. Continued assist w/ OCTC Treasurer duties Re: 2025 I et. Coordination w/OCHS Re: Caretaker, agreement, tree removal, well monitoring, zoning, WiFi, and 2025 events.

TRAILS DIVISION

Trails Development & Facilitation—Ozaukee Interurban Trail/Snowmobile Trails

- Coordination w/ the Ozaukee Interurban Trail (OIT) Advisory Council including: safety, user counts, Trail we Trail maintenance/drainage/culverts, bike racks, benches, trees, maintenance items for the Trail (e.g. tree re als), RTC grant-Port Washington Trail Improvement Project—design & engineering, Coordinate w/ Route of Badger (ROTB) on Regional Quarterly Mtg (10/3), coordination w/ communities (Grafton, Mequon, Cedarbu Port Washington) & professionals on OIT rules and improvements. Development of Trail gateway signage. dinated w/ WisDOT on trail extension in the Grafton/Cedarburg along STH 60. Coordinate w/ WisDOT TAP
- Coordinated w/ We Energies on development of trailside facilities in several locations along the Trail (e.g. re stations, signage, bike racks, benches, trees), trail connections (encroachments) and electrical improvemen
- Continued to conduct Trail user counts and analyze correlations with other survey data. Maintained the cou
- Coordinated w/ the Ozaukee Snowmobile Clubs on the existing and new (2024-25) Trail Maintenance and T Bridge Grants under the WDNR Trail Recreational Aids Grants. Coordinated and managed the SNARS dat and GIS mapping for snowmobile trail maintenance with the Clubs and sent out payments to Clubs.
- Coordination w/ V Grafton, C Mequon, C Port, C Cedarburg, and V Thiensville staff regarding trailside facilit safety and trail connections for the OIT. Coordinated w/ Milwaukee County Re: OIT connections & mgmt.
- Coordinated w/ Washington Co. & ROTB regarding planning for trail connections of the OIT to Eisenbahn Trail and criteria for trail network. Coord. w/ T Grafton, C Cedarburg, V Grafton & T Ceda
- Follow-up Trail paving of county-managed portion of OIT. Continued work w/ engine Repaving Projects), (). Coord. w/WisDOT on OIT Projects including ROW, Environ, TAP Grants, etc. (10/23)

Attachment: P&PDEPT_MGMTREPORT_NRC110724_OCT2024_FINAL_ATS102924

Ozaukee County Committee Report
General Fund Park Commission
For the Nine Months Ending Monday, September 30, 2024
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	-	$34,140	$34,140	0.00%
Public Charges for Services	$6,475	$59,305	$75,125	$15,820	78.94%
Interest Revenue	$27	$224	-	($224)	0.00%
Other Revenue	$9,553	$31,151	$125,900	$94,749	24.74%
Total Revenues	$16,055	$90,680	$235,165	$144,485	38.56%
Expenditures					
Salaries	$43,353	$432,213	$648,043	$215,830	66.70%
Fringe Benefits	$13,777	$134,782	$205,808	$71,026	65.49%
Travel/Training	$933	$4,980	$7,750	$2,770	64.26%
Supplies	$12,909	$96,844	$140,900	$44,056	68.73%
Purchased Services	$32,257	$134,092	$263,400	$129,308	50.91%
Interdepartment Charges	$5,539	$112,078	$176,944	$64,866	63.34%
Other Expenses	$1,508	$43,414	$18,942	($24,472)	229.19%
Total Operating Expenditures	$110,276	$958,403	$1,461,787	$503,384	65.56%
Capital Outlay					
Total Expenditures	$110,276	$958,403	$1,461,787	$503,384	65.56%
Other Finance (Sources)	-	-	($85,000)	($85,000)	0.00%
Net Other Financing Sources/Uses	-	-	($85,000)	($85,000)	0.00%
Net Increase (Decrease)	($94,221)	($867,723)	($1,141,622)	($273,899)	76.01%

E q u i t y:

Attachment: CommRpt2024_10.28.2024 (P&PDept_Management&FinancialReports)

Ozaukee County Committee Report
Special Revenue Fund Parks Projects
For the Nine Months Ending Monday, September 30, 2024
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	$125,283	$299,275	$173,992	41.86%
Other Revenue	-	$17,367	$24,500	$7,133	70.89%
Total Revenues	-	$142,650	$323,775	$181,125	44.06%
Expenditures					
Salaries	$4,742	$45,657	$102,348	$56,691	44.61%
Fringe Benefits	$1,213	$12,096	$26,394	$14,298	45.83%
Travel/Training	-	$811	-	($811)	0.00%
Supplies	$3,853	$78,612	$8,500	($70,112)	924.85%
Purchased Services	-	$35,554	$11,000	($24,554)	323.22%
Interdepartment Charges	-	$35,969	$5,000	($30,969)	719.38%
Total Operating Expenditures	$9,808	$208,699	$153,242	($55,457)	136.19%
Capital Outlay					
Buildings & Land	-	$25,138	$200,000	$174,862	12.57%
Total Capital Outlay	-	$25,138	$200,000	$174,862	12.57%
Total Expenditures	$9,808	$233,837	$353,242	$119,405	66.20%
Net Increase (Decrease)	($9,808)	($91,187)	($29,467)	$61,720	309.45%
E q u i t y:					
Governmental Fund Balance	-	($236,353)	-	$236,353	0.00%

Attachment: CommRpt2024_10.28.2024 (P&PDept_Management&FinancialReports)

Ozaukee County Committee Report
Special Revenue Fund Ozaukee Water Projects
For the Nine Months Ending Monday, September 30, 2024
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	$18,493	$43,145	($3,143,554)	($3,186,699)	-1.37%
Other Revenue	-	$34,000	$326,455	$292,455	10.41%
Total Revenues	$18,493	$77,145	($2,817,099)	($2,894,244)	-2.74%
Expenditures					
Salaries	$12,368	$119,987	$705,218	$585,231	17.01%
Fringe Benefits	$5,234	$50,250	$81,769	$31,519	61.45%
Travel/Training	$411	$5,459	$3,747	($1,712)	145.69%
Supplies	$564	$4,545	$131,500	$126,955	3.46%
Purchased Services	$4,142	$15,245	$186,000	$170,755	8.20%
Interdepartment Charges	-	$1,025	$2,515,000	$2,513,975	0.04%
Other Expenses	$27	$27	-	($27)	0.00%
Total Operating Expenditures	$22,746	$196,538	$3,623,234	$3,426,696	5.42%
Capital Outlay					
Total Expenditures	$22,746	$196,538	$3,623,234	$3,426,696	5.42%
Net Increase (Decrease)	($4,253)	($119,393)	($6,440,333)	($6,320,940)	1.85%
E q u i t y:					
Governmental Fund Balance	-	($140,050)	-	$140,050	0.00%

Attachment: CommRpt2024_10.28.2024 (P&PDept_Management&FinancialReports)

Ozaukee County Committee Report
Enterprise Fund Golf Courses
For the Nine Months Ending Monday, September 30, 2024
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Public Charges for Services	$387,258	$2,488,538	$2,179,800	($308,738)	114.16%
Other Revenue	$4,013	$49,828	$12,800	($37,028)	389.28%
Total Revenues	$391,271	$2,538,366	$2,192,600	($345,766)	115.77%
Expenditures					
Salaries	$98,018	$778,165	$825,658	$47,493	94.25%
Fringe Benefits	$23,557	$214,774	$263,555	$48,781	81.49%
Travel/Training	$1,042	$8,051	$12,650	$4,599	63.64%
Supplies	$26,862	$273,371	$348,050	$74,679	78.54%
Purchased Services	$19,397	$171,661	$188,350	$16,689	91.14%
Interdepartment Charges	$3,736	$34,277	$59,198	$24,921	57.90%
Depreciation	$24,949	$224,541	$305,350	$80,809	73.54%
Other Expenses	$17,091	$51,573	$103,789	$52,216	49.69%
Total Operating Expenditures	$214,652	$1,756,413	$2,106,600	$350,187	83.38%
Capital Outlay					
Equipment & Furniture	-	$115,250	$370,000	$254,750	31.15%
Buildings & Land	$21,811	$123,473	$1,140,000	$1,016,527	10.83%
Contra	-	-	($1,510,000)	($1,510,000)	0.00%
Total Capital Outlay	$21,811	$238,723	-	($238,723)	0.00%
Total Expenditures	$236,463	$1,995,136	$2,106,600	$111,464	94.71%
Other Finance Uses	-	-	$86,000	$86,000	0.00%
Net Other Financing Sources/Uses	-	-	$86,000	$86,000	0.00%
Net Increase (Decrease)	$154,808	$543,230	-	($543,230)	0.00%
E q u i t y:					
Retained Earnings	-	($1,642,631)	-	$1,642,631	0.00%

Attachment: CommRpt2024_10.28.2024 (P&PDept_Management&FinancialReports)



OZAUKEE COUNTY PLANNING & PARKS

Parks Division

Summary of Parks Revenue

September 2024

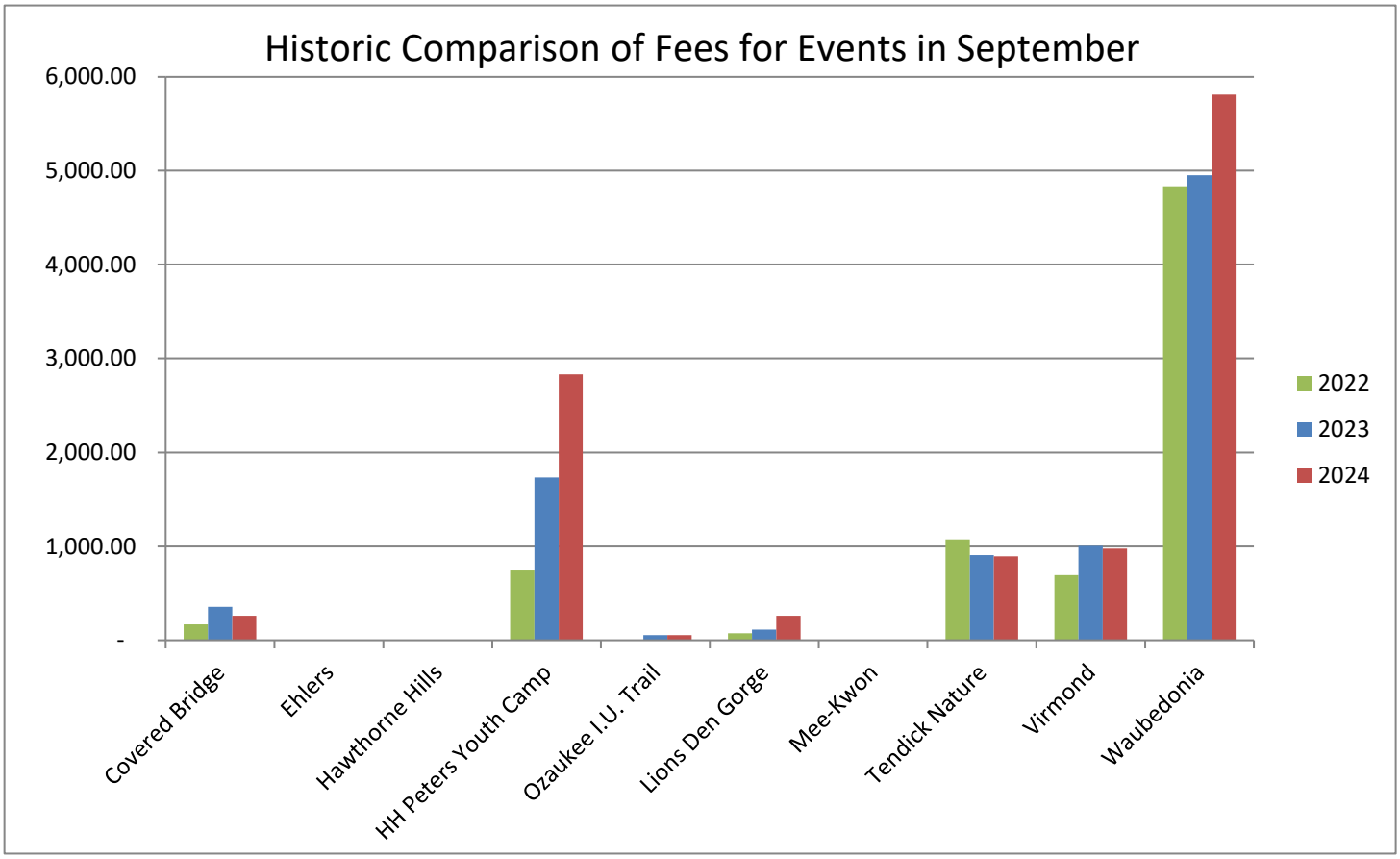
Location	Fees for Events in September 2024 Cur Mo	YTD	Revenue Collected During September 2024 Cur Mo	YTD
Covered Bridge	260.02	2,090.09	(35.27)	2,269.03
Ehlers	-	35.55	-	37.50
Hawthorne Hills	-	-	-	-
HH Peters Youth Camp	2,830.38	7,747.09	770.00	8,048.80
Ozaukee I.U. Trail	55.00	55.00	-	110.00
Lions Den Gorge	260.01	2,213.54	-	1,957.98
Mee-Kwon	-	-	-	-
Tendick Nature	893.16	6,157.54	801.18	9,169.27
Virmond	975.87	6,349.57	395.00	6,182.04
Waubedonia	5,811.82	30,340.35	4,543.77	30,430.76
Totals:	11,086.26	54,988.73	6,474.68	58,205.38

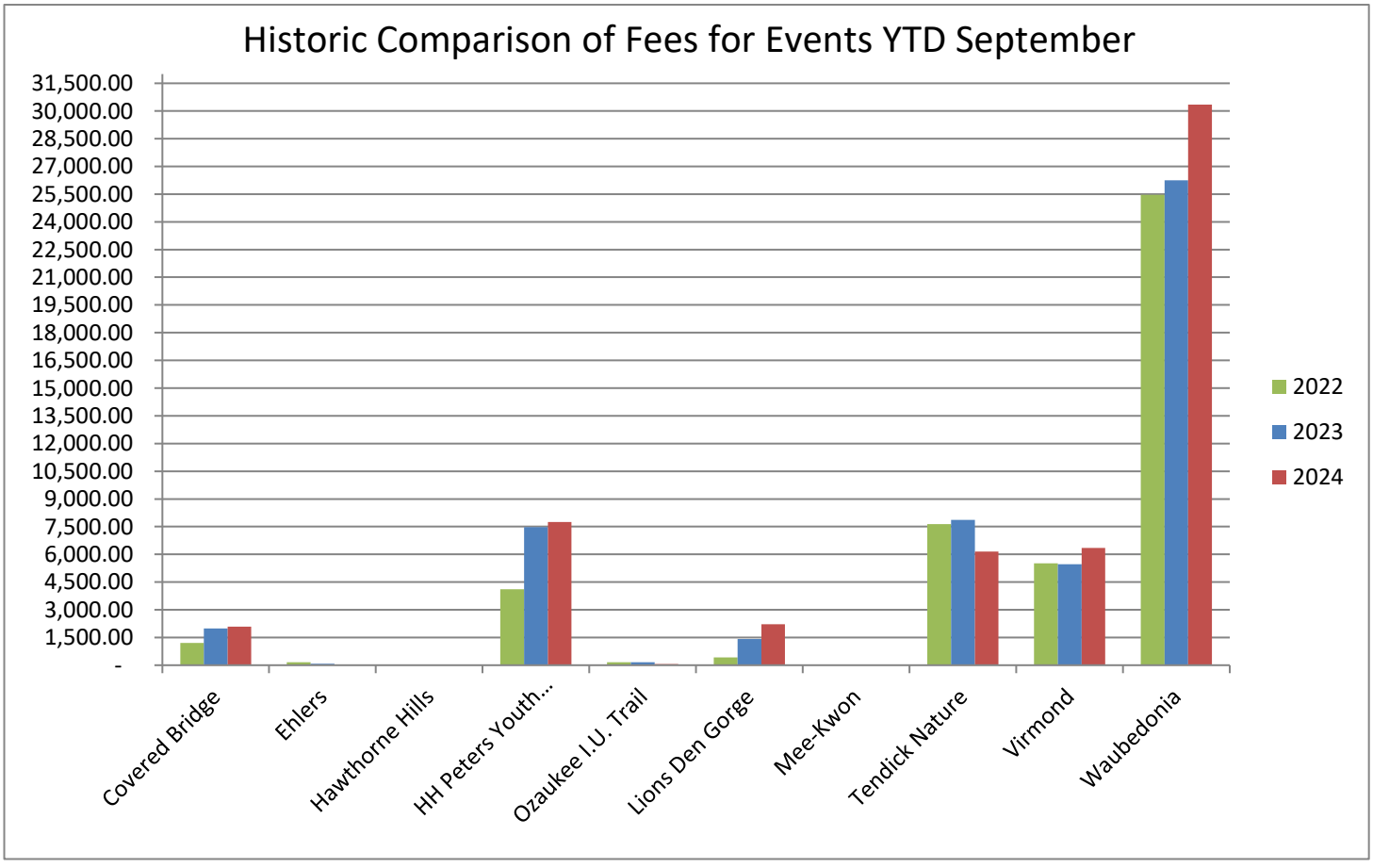
Historic Comparison

Location	Fees for Events in September 2022	2023	2024	Fees for Events in September YTD 2022	2023	2024
Covered Bridge	170.01	355.01	260.02	1,202.35	1,982.26	2,090.09
Ehlers	-	-	-	156.40	71.09	35.55
Hawthorne Hills	-	-	-	-	-	-
HH Peters Youth Camp	744.08	1,731.41	2,830.38	4,118.48	7,477.08	7,747.09
Ozaukee I.U. Trail	-	55.00	55.00	156.40	165.00	55.00
Lions Den Gorge	75.00	115.00	260.01	416.40	1,415.70	2,213.54
Mee-Kwon	-	-	-	-	-	-
Tendick Nature	1,073.31	906.33	893.16	7,632.39	7,859.42	6,157.54
Virmond	694.07	1,004.32	975.87	5,521.08	5,472.23	6,349.57
Waubedonia	4,833.14	4,951.29	5,811.82	25,457.92	26,240.87	30,340.35
Total:	7,589.61	9,118.37	11,086.26	44,661.42	50,683.66	54,988.73

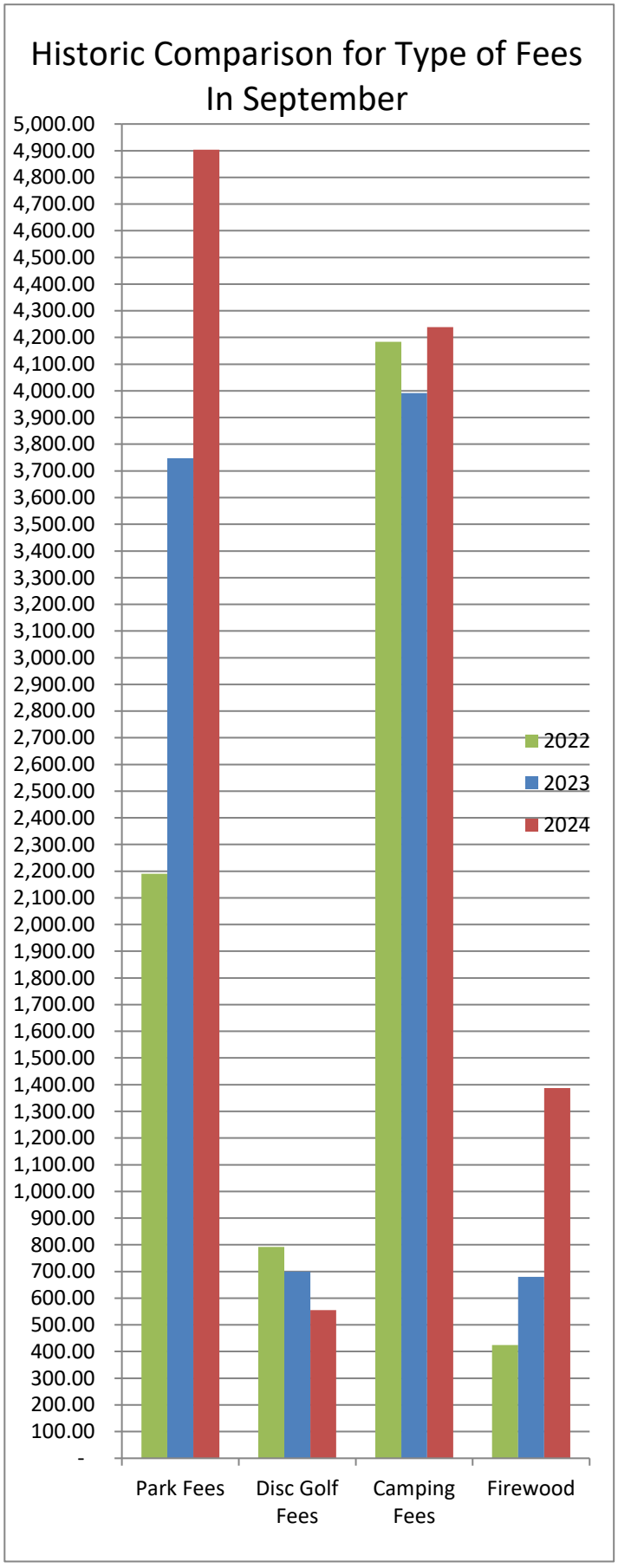
Fee Type	2022	2023	2024	2022	2023	2024
Park Fees	2,189.83	3,747.44	4,903.99	14,486.07	19,736.41	21,277.05
Disc Golf Fees	791.65	699.67	555.45	6,397.82	6,791.64	4,904.79
Camping Fees	4,183.47	3,991.65	4,239.14	21,165.68	21,482.40	24,261.18
Firewood	424.65	679.62	1,387.68	2,611.85	2,673.22	4,545.69
Total:	7,589.60	9,118.37	11,086.26	44,661.42	50,683.67	54,988.72

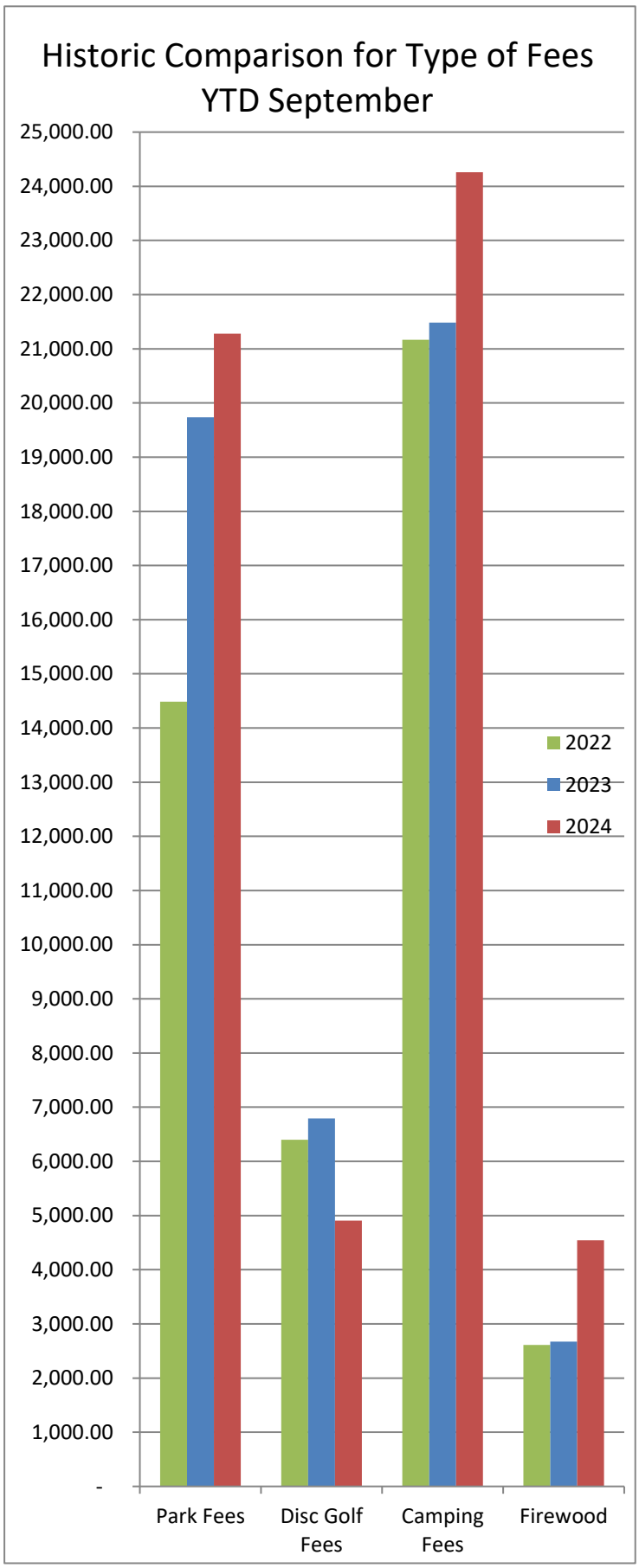
Attachment: 2024 Summary of Parks Revenue September (P&PDept_Management&FinancialReports)





Attachment: 2024 Summary of Parks Revenue September (P&PDept_Management&FinancialReports)





Attachment: 2024 Summary of Parks Revenue September (P&PDept_Management&FinancialReports)



OZAUKEE COUNTY PLANNING & PARKS
SUMMARY OF GOLF COURSE RECEIPTS
GOLF COURSE DIVISION
SEPTEMBER 2024

	This year	Last year
Hawthorne Hills opened	**3/11/2024**	**4/7/2023**
Mee-Kwon opened	**3/3/2024**	**4/3/2023**

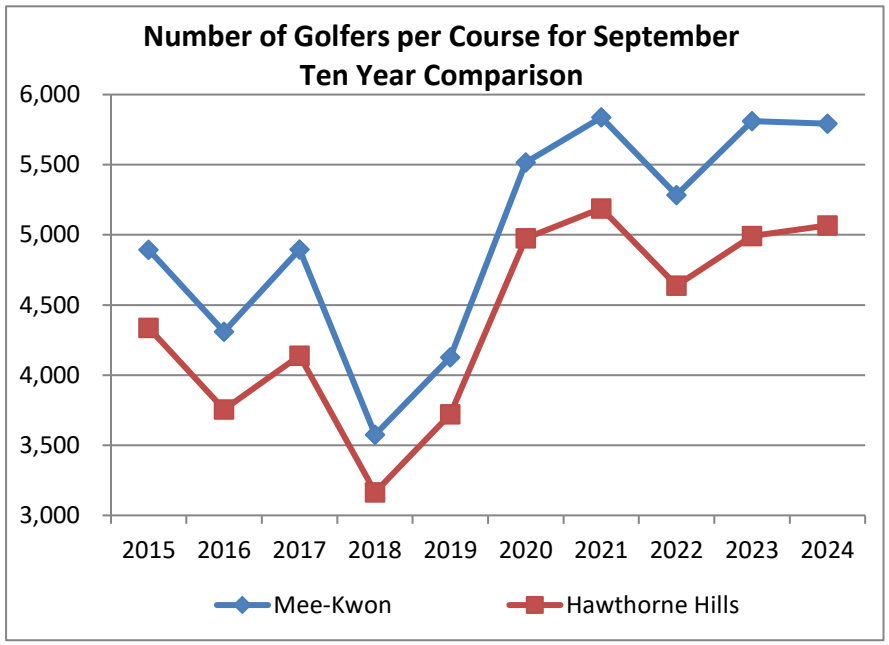
	Current Month				Year to Date			
	SEPTEMBER 2024		SEPTEMBER 2023		SEPTEMBER 2024		SEPTEMBER 2023	
	Golfers	Receipts	Golfers	Receipts	Golfers	Receipts	Golfers	Receipts
Hawthorne Hills	5,067	$ 184,032	4,992	$ 177,098	33,757	$ 1,185,784	35,493	$ 1,205,914
Mee-Kwon	5,792	$ 201,899	5,811	$ 198,293	38,771	$ 1,309,151	39,965	$ 1,330,408
	10,859	$ 385,931	10,803	$ 375,391	72,528	$ 2,494,935	75,458	$ 2,536,322

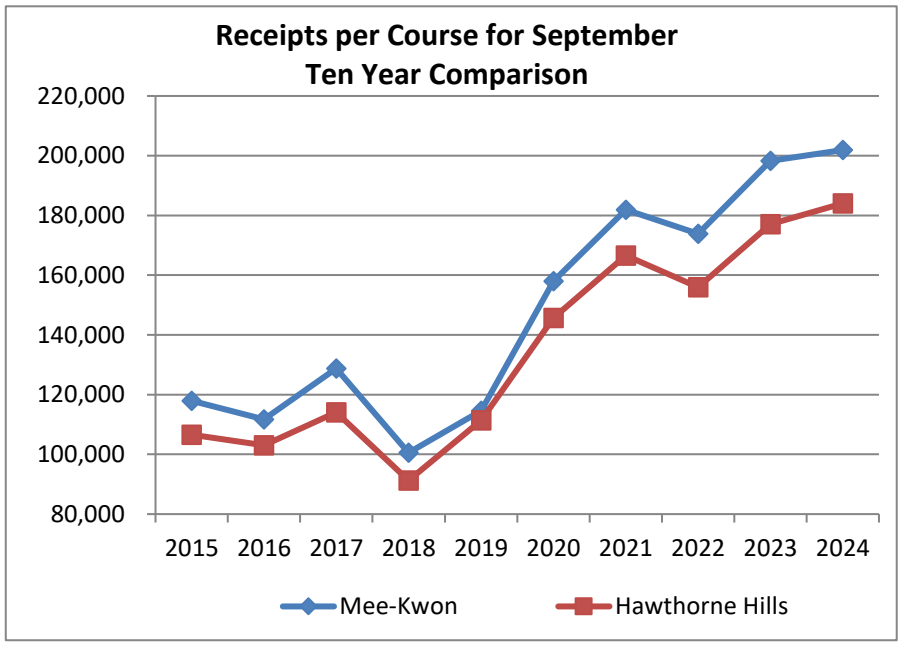
	Current Month		Year to Date	
Hawthorne Hills	75	Increase (Decrease) in Golfers	(1,736)	Increase (Decrease) in Golfers - Year to Date
	$ 6,934	Increase (Decrease) in Receipts	$ (20,130)	Increase (Decrease) in Receipts - Year to Date
Mee-Kwon	(19)	Increase (Decrease) in Golfers	(1,194)	Increase (Decrease) in Golfers - Year to Date
	$ 3,606	Increase (Decrease) in Receipts	$ (21,257)	Increase (Decrease) in Receipts - Year to Date
Total	56	Increase (Decrease) in Golfers	(2,930)	Increase (Decrease) in Golfers - Year to Date
	$ 10,539	Increase (Decrease) in Receipts	$ (41,387)	Increase (Decrease) in Receipts - Year to Date

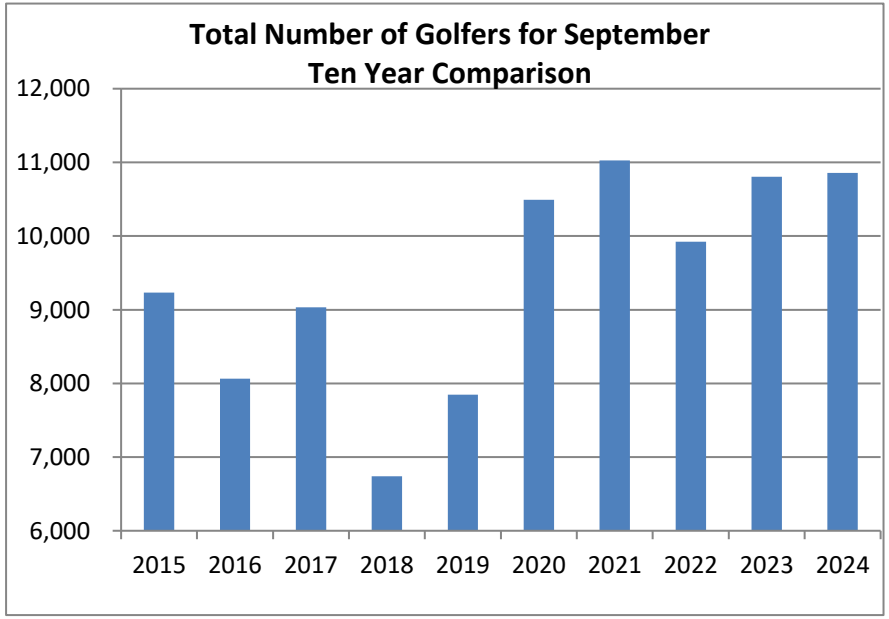


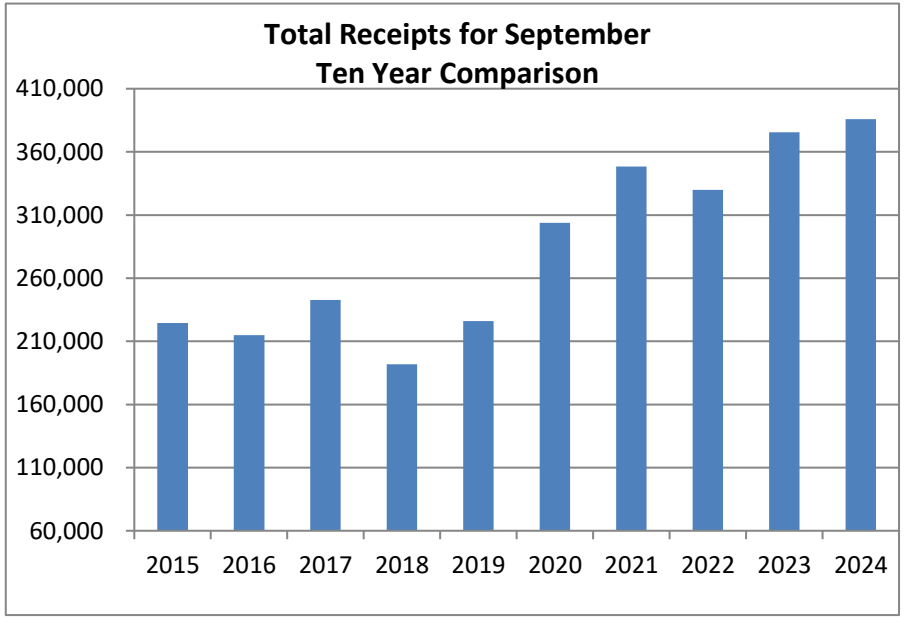


Attachment: Golf Courses Daily Revenue September 2024 (P&PDept_Management&FinancialReports)



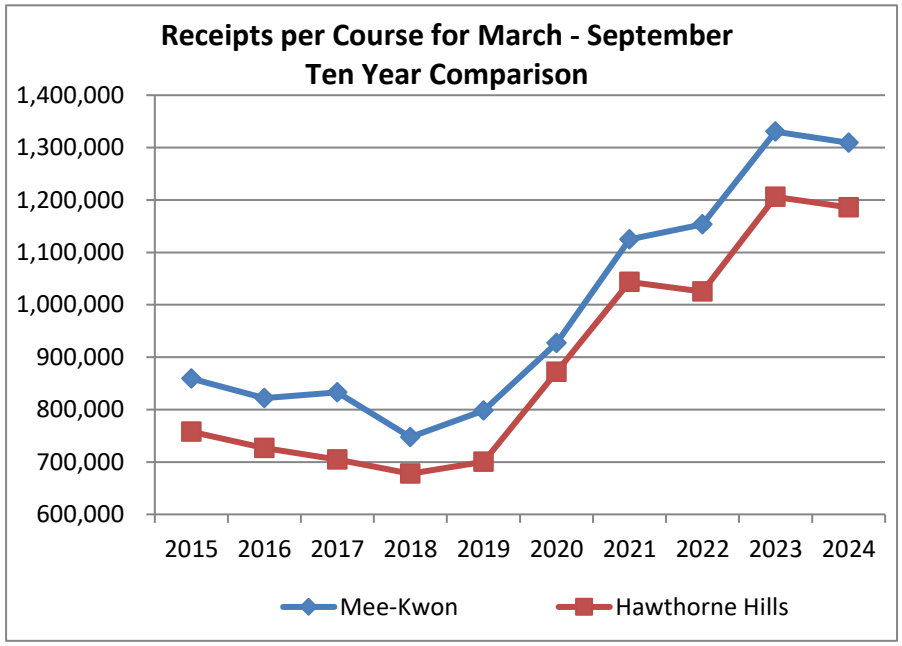


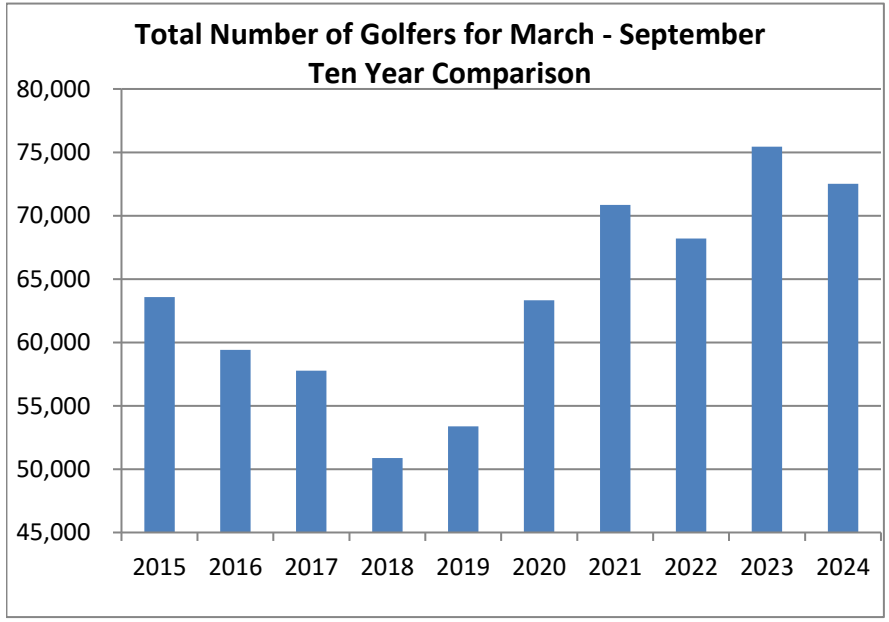


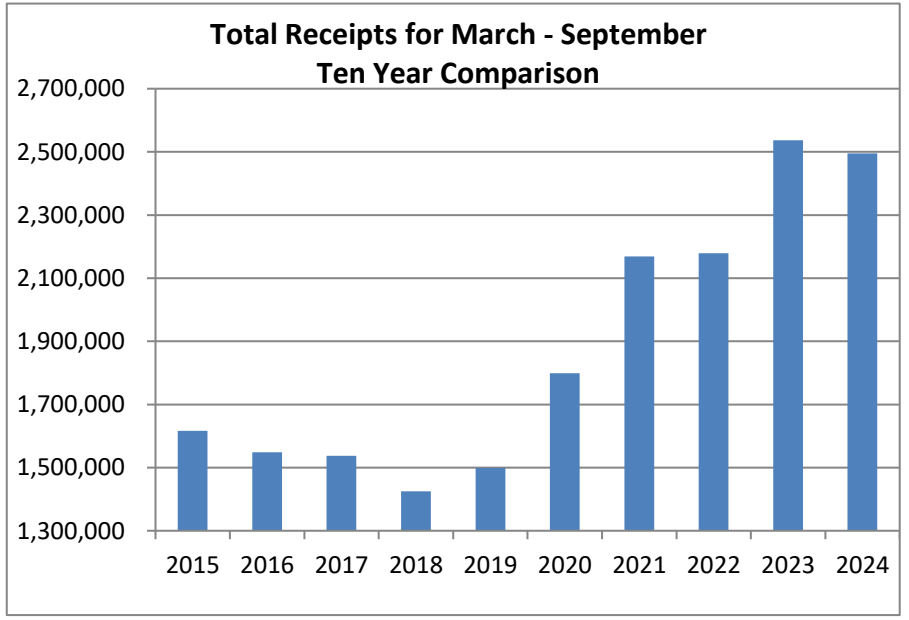


Attachment: Golf Courses Daily Revenue September 2024 (P&PDept_Management&FinancialReports)





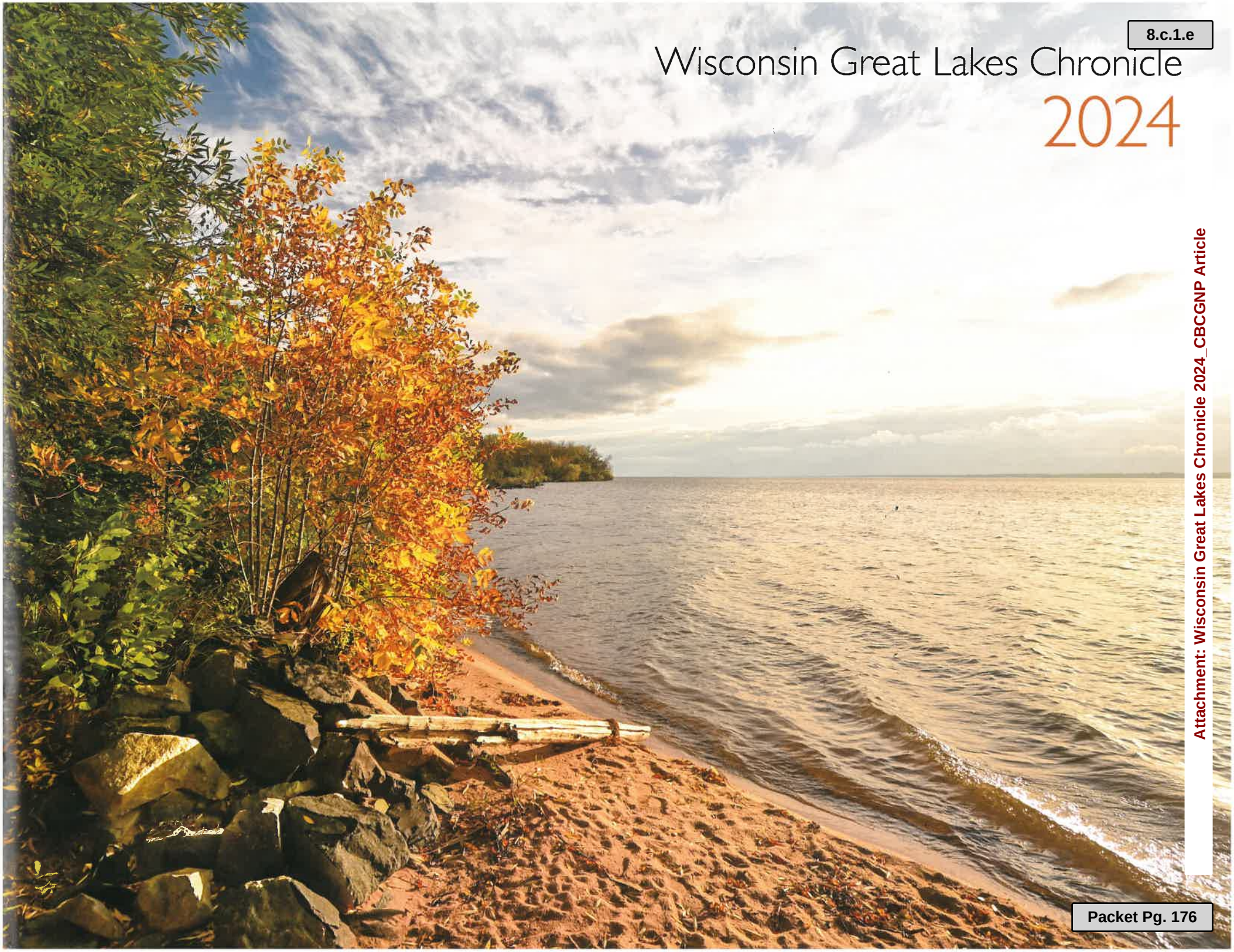




Attachment: Golf Courses Daily Revenue September 2024 (P&PDept_Management&FinancialReports)

Wisconsin Great Lakes Chronicle

2024



Attachment: Wisconsin Great Lakes Chronicle 2024_CBCGNP Article



CLAY BLUFFS CEDAR GORGE NATURE PRESERVE

Andrew Struck, Matt Aho and Tom Stolp

After over a decade of planning, negotiating, applying for grant funding and soliciting private donations, the Ozaukee County Planning and Parks Department (Department), in collaboration with the Ozaukee Washington Land Trust (OWLT), took a major step to improve the health of the Great Lakes ecosystem through the acquisition and protection of the 134-acre Clay Bluffs Cedar Gorge Nature Preserve County Park in August 2022.

The Nature Preserve consists of 30 acres of high-quality woodlands, 30 acres of wetlands and hydric soils, 80 acres of marginal farmland, fifteen acres of 110-foot-high steep clay seepage bluffs with ephemeral seepage wetlands (fens), a deep wooded coastal gorge with a stream draining to Lake Michigan, and 0.7 miles of Lake Michigan shoreline and beach. Located along the shore in the City of Port Washington, this property is one of the last remaining large tracts of undeveloped land along Lake Michigan between Door County and Chicago.

The City's 2035 Comprehensive Plan identified the bluff top portion of the undeveloped property as future urban low density residential. Prior to 2022, the land was listed for sale on the open market and faced significant development pressure that could have negatively impacted the clay seepage bluff, natural areas and wetland habitat. The acquisition will provide long-term protection of a unique statewide and Great Lakes significant clay seepage bluff, Cedar Heights Gorge and Port Washington Clay Banks natural areas, high groundwater recharge areas and significant wetlands.

The Nature Preserve will also conserve a primary environmental corridor to protect habitat for two important bird areas—the Ozaukee Bight Lakeshore Migration Corridor and Harrington Beach-Kohler Andrae Lakeshore Migration Corridor—and provide for migratory bird stopover habitat along the National Lake Michigan Flyway. The Port Washington Clay Banks Natural Area also contributes habitat for the short-eared owl (*Asio flammeus*), a State designated species of special concern.

In addition, the acquisition facilitates planned passive-use of the area such as Lake Michigan access, fishing, cross-country skiing, snowshoeing, hiking, wildlife viewing and bird watching. The project will also restore and manage native landscapes and natural areas, and provide a place for scientific research, nature-based education, appreciation of the Lake Michigan coast, and enjoyment of Ozaukee County's unique cultural and natural resources.

The Nature Preserve project benefited from comprehensive environmental analysis and planning. The Department, in conjunction with WDNR and other partners, and funding from the U.S. Environmental Protection agency (USEPA) and the Wisconsin Coastal Management Program (WCMP), developed a GIS-based fish and wildlife habitat decision support tool to prioritize habitat for the greatest benefit of fish, wildlife and avian species and species of local conservation interest. Habitat results were ranked moderate to high for the acquisition area.

Attachment: Wisconsin Great Lakes Chronicle 2024_CBCGNP Article

PRESERVE



In addition, the Department created an Ecological Prioritization GIS Tool, funded by WCMP, to prioritize parcels for preservation and/or restoration. The Nature Preserve scored very high for preservation and restoration. Therefore, the Department added the Lion's Den Gorge Nature Preserve (LDGNP) Project Area in the 2011 update of the Park and Open Space Plan for Ozaukee County, which identified the Nature Preserve property for County acquisition to expand on LDGNP County Park.

This planning supported significant fundraising efforts over several years, whereby the County secured over half of the $5 million acquisition cost from funding partners including the U.S. Forest Service Community Forest Program, the U.S. Fish and Wildlife Service Great Lakes Restoration Initiative Joint Venture Program and National Coastal Wetlands Conservation Program, the National Oceanic and Atmospheric Administration (NOAA) through the WCMP, the USEPA Great Lakes Restoration Initiative through the WDNR Office of Great Waters, Ozaukee County, and the Town of Grafton. The OWLT secured the remaining funding through private donations and an American Rescue Plan Act grant from the State.

The property was formally incorporated into the Ozaukee County Park System on August 25, 2022. This historic acquisition for Ozaukee County residents and visitors will forever conserve this ecologically valuable land including Great Lakes and State-significant clay seepage bluffs along Lake Michigan identified in the 2006 Land Legacy Report. The Clay Bluffs Cedar Gorge Nature Preserve name results from the rare clay seepage bluff and the Cedar Gorge natural area.

The acquisition also doubles the passive recreational Ozaukee County Park System land on Lake Michigan, including LDGNP and Virmond County Park. The Nature Preserve will increase publicly accessible Lake Michigan shoreline in Ozaukee County to over three miles, including access to the National Lake Michigan Water Trail and the recently designated NOAA Wisconsin Shipwreck Coast National Marine Sanctuary.

The OWLT holds a conservation easement protecting the property in perpetuity and the Department has developed a Park Master Plan supported by WCMP grant funding to address future conservation and restoration of the existing coastal community forest and wetland habitat and improve marginal farmland to native prairie, wetland and coastal forest. The Master Plan also addresses Lake Michigan bluff erosion, management of invasive species, improved coastal resiliency, and provision of passive recreational use and access to Lake Michigan. The Department received 2023 WCMP/NOAA and WDNR Stewardship grant funding and private donations to begin these habitat restoration and public access activities in 2024 and continues to seek additional funding. For more information visit https://www.co.ozaukee.wi.us/540/Planning-Parks.

Andrew Struck is the Ozaukee County Planning and Parks Department Director. He can be reached at astruck@ozaukeecounty.gov. Matt Aho is a Program Manager with the Ozaukee County Planning and Parks Department. He can be reached at maho@ozaukeecounty.gov. Tom Stolp is the Executive Director of the Ozaukee Washington Land Trust. He can be reached at tstolp@owlt.org.

Attachment: Wisconsin Great Lakes Chronicle 2024_CBCGNP Article

NOVEMBER 2024

EXCLUSIVELY SERVING THE MEQUON-THIENSVILLE COMMUNITY

MEQUON Beacon



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PHOTO BY JEN KAREGEANNES, PHOTOJENIC PHOTOGRAPHY

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Attachment: Mequon Beacon, November, NRC magazine (P&PDept_Management&FinancialReports)

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It's Fall.

Time to Hit the Trails

By Marcia Schwager

Fall is a wonderful time of year in Wisconsin and Ozaukee County offers a myriad of trails and outdoor activities to take advantage of this season. Start your journey at ozaukeecounty.gov/540/Planning-Parks to learn about the parks and trails available for your hiking, biking, camping, canoeing, snowmobiling and overall outdoor activities. Here are a few ideas to get you started per the Ozaukee County and Travel Wisconsin websites.

Cedarburg's Covered Bridge Park

More than 40 covered bridges once dotted the Wisconsin countryside. Today the sole survivor is the Cedarburg Bridge, originally known as the "Red Bridge", located three miles north of the City of Cedarburg. Covered Bridge County Park is a great place to picnic, fish and launch a canoe. (ozaukeecounty.gov/2241/Covered-Bridge-Park)



Covered Bridge County Park; Photo courtesy of Travel Wisconsin

Lion's Den Gorge Nature Preserve

This 73-acre park offers tremendous views atop an over 1/2 mile stretch of 90-100-foot bluffs. Stroll across bridges over the gorge or down the gorge stairways to walk along the Lake Michigan shoreline. Enjoy plenty of hiking trails, boardwalks through the wetlands, picnic areas, scenic views and restrooms. Diverse grassland, wet meadow, woodland, wetland and bluff habitats make this park ideal for passive recreational use and birding. (ozaukeecounty.gov/662/Lions-Den-Gorge-Nature-Preserve)

Mee-Kwon County Park

This 63.4-acre park known for its sledding hill in the winter, also has a woods trail and a quiet picnic area. A fishing pond on the north side of the parking lot includes a few picnic tables. The remaining wooded areas on the south end of the park are undeveloped and have beautiful mature woods to walk through and view nature. And, of course, the golf course is open to the public. (ozaukeecounty.gov/942/Mee-Kwon-Park)

Milwaukee/Ozaukee Urban Water Trail

A cooperative effort to gain safe and legal access to the Milwaukee, Menomonee and Kinnickinnic Rivers, the urban water trail map includes access points, portages, hazards, and resting sites and also includes information on historic, cultural, ecological, or scenic points of interest along the way. (milwaukeeriverkeeper.org/connect/milwaukee-urban-water-trail/)



Interurban Trail; Photo by Liz Doering



Bikers Crossing Bridge Downtown Cedarburg; Photo courtesy of Travel Wisconsin

Ozaukee Interurban Trail

This 30-mile paved trail runs north from the Milwaukee County line through several communities before reaching the Sheboygan County line. The trail follows the route of the Milwaukee–Sheboygan interurban railway, which was launched in 1908 and closed in 1948. Mile markers run from 0 at the Milwaukee County line and northward. There are access points and parking in Mequon, Thiensville, Cedarburg, Grafton, Port Washington and Belgium. Motorized transport is not allowed. Free trail maps are available in the kiosks in Mequon, Thiensville, Grafton, Port Washington, and Belgium. (interurbantrail.com/interactive-trail-map)

Tendick Nature County Park

Disc golf, anyone? Tendick Nature Park has two park sections; trails are located within the western section at 3919 Highway O. This 89.7-acre parcel has something for everyone to enjoy: fields, water, woods, open fields and wetlands. Pay-to-play disc golf is always open. (ozaukeecounty.gov/2242/Tendick-Nature-Park)

Virmond Park

Virmond County Park is a 63-acre park that provides breathtaking panoramic views from the 90-110-foot-high clay bluffs that overlook Lake Michigan. Awarded the 2023 National Association of County Park and Recreation Officials (NACPRO) award for the Lake Michigan Public Access Stairway Construction at Virmond Park, this park has several excellent hiking trails through the nature preserve area. (ozaukeecounty.gov/668/Virmond-Park)



Virmond Park; Photo by Liz Doering

There are many more gems to discover throughout Ozaukee County. Make sure to check hours of operation and the various rules and regulations concerning parking and pets before setting out. Enjoy!



CHARTER SENIOR LIVING
OF MEQUON

Mark Pietila
262-424-5400
mpietila@charterseniorliving.com

Attachment: Mequon Beacon, November, NRC magazine (P&PDept_Management&FinancialReports)

Greater Cedarburg Foundation hosts Gala at Ozaukee County Pioneer Village

SAUKVILLE — The Greater Cedarburg Foundation hosted its annual Community Gala on Oct. 5 at the Ozaukee County Pioneer Village. More than 150 guests helped raise funds for projects in the greater Cedarburg community.

Guests toured the grounds of Pioneer Village, a collection of over 24 restored buildings and structures dating from the 1840s to early 1900s, including the recently restored Cedarburg Train depot. Dinner by From Scratch Catering was held in the Pioneer Village Welcome Center. There were also a silent auction and entertainment.

"Fulfilling the Greater Cedarburg Foundation's mission to enhance the quality of life in our community is only possible through generous donations from individuals, families and businesses. We are grateful for the community's support," said GCF President Katie Pipkorn. "The restored Cedarburg Train Depot reminds us of Cedarburg's storied history, bright future and the importance of actively preserving our unique home."

The Greater Cedarburg Foundation is a permanent philanthropic organization whose purpose is to promote and encourage private funding in support of projects and programs that enhance the quality of life in the greater Cedarburg community.

To learn more, go to www.cedarburgfoundation.com.





Left, gathered by a restored train at the Ozaukee County Pioneer Village are Ozaukee County Historical Society President Mary Ann Velnetske and Greater Cedarburg Foundation Gala guests Mal Hepburn, center, and Jack Hale. **Right**, guests mingle outside the restored Historical Society's Train Depot.

Photos by Mark Justesen



Above, blacksmith Sam Laturi of Storm Cloak Forge of Mequon provides a demonstration for guests. **Right** are Angela and Vince Cameranesi. Vince Cameranesi is a member of the GCF Board of Directors.





Greater Cedarburg Foundation President Katie Pipkorn, right, greets guests arriving at the gala.

Attachment: News Articles_Nov2024 (P&PDept_Management&FinancialReports)

Family offers county 96 acres in Port for preserve

■ *Ansay land that comes with cash donation is near Lion's Den and Clay Bluffs, could become part of 'regional draw'*

By DAN BENSON
Ozaukee Press staff

The Ozaukee County Natural Resources Committee on Tuesday recommended accepting the donation of 96 acres on Port Washington's south side that could prove to be the third piece in what essentially could be a regional park that is already drawing tens of thousands of visitors from Milwaukee, Chicago, Madison and beyond.

The donation by the Ansay family through Belgium Farms LLC would consist of two parcels located west of Stonecroft Drive and north of the Kara Estates subdivision on the west side of Highway C and be used for a park.

If the committee's acceptance is approved by the Ozaukee County Board and and the park is developed, only passive recreational uses would be allowed such as hiking, birding, fishing, cross country skiing, snowshoeing, wildlife viewing, nature study and limited hunting.

The land donation also comes with a $100,000 cash donation from the Ansay family that would "kickstart implementation" of the park, county Planning and Parks Director Andrew Struck said.

Proposed improvements to the would-be park, which includes a number of wetland areas, could include hiking trails, boardwalks, a fishing shelter, picnic shelter, bathrooms, a park road and parking on a six-acre conservation easement.

In an unsigned memo to county officials titled, "Ansay Vision for Stonecroft Property Donation/Ansay Nature Preserve," the intent of the land donation is to "facilitate a new and fresh people place, encouraging all people to enjoy and respect the

See **Land** *on page 2B*

Land: *Preserves could be 'regional park*

FROM PAGE 1B

environment" and to "secure and protect sensitive natural areas (e.g., Ulao Swamp Natural Area) for future generations."

The memo also calls for the Ansay family to have final approval for naming rights, its development plan and for fundraising and sponsorships.

The family's donation also specifically requests that limited hunting be allowed, which was of concern to at least one resident of Stonecroft who appeared at Tuesday's meeting.

Struck said hunting would likely be limited to deer bow hunting and probably on a lottery basis, similar to what is allowed at Lion's Den Gorge.

Access to the property from Highway C is currently only via Stonecroft Drive, which is owned by the Stonecroft condominium association.

If developed as proposed, it would represent the second publicly accessible parcel on Ulao Creek, the first being the Ulao Lowland Forest natural area off Ulao Road east of I-43 in the Village of Grafton.

It's proximity to the popular Lion's Den Gorge and the Clay Bluffs Cedar Gorge nature preserves offers the opportunity to create, in effect, a "regional draw," Struck told the committee.

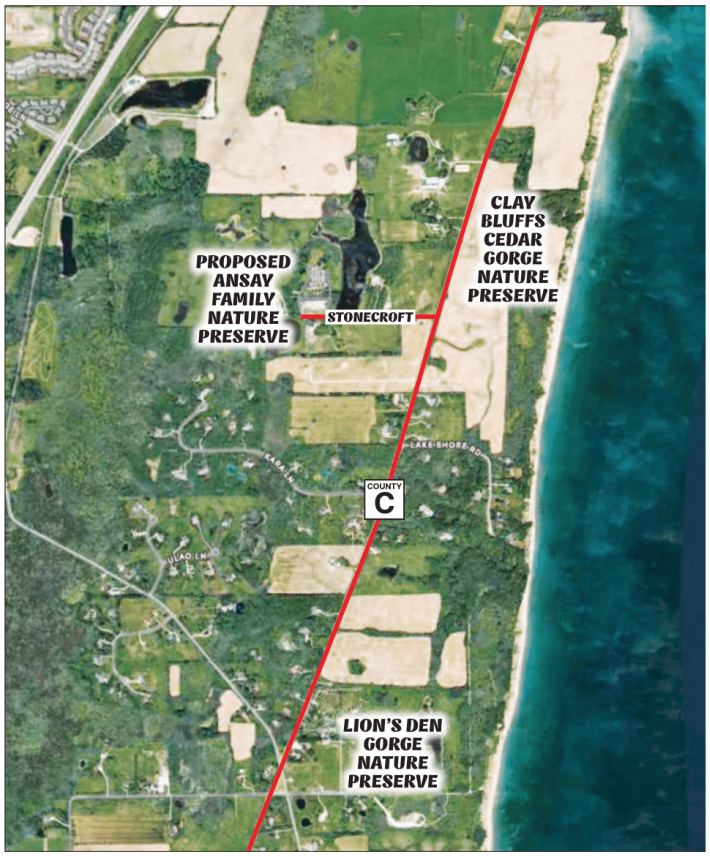
"We can kind of program the three as a regional park," he said.

In a memo, Struck said: "The property also offers high potential for public visitation and ongoing public education and outreach activities, including with schools due to its location within the Lion's Den Gorge Nature Preserve Project area."

Lion's Den Gorge is the most visited park in the Ozaukee County park system, drawing more than 30,000 visitors a month in the summer from as far away as Chicago and Madison, officials say.

Last year, the City of Port Washington rezoned the Ansay property from agricultural to single-family use to bring it in line with the long-term land-use plan for that area, officials said at the time.

The property was annexed as part of the proposed VK development, a sweeping high-end, mixed-use subdivision that would have extended from the Lake Michi bluffs as far west as Highway 32 and nc to nearly Dynna Drive, that never came fruition.



A MAP SHOWS the proposed Ansay Family Nature Preserve at the west end of Stonecroft Drive ir City of Port Washington across Highway C from Clay Bluffs Cedar Gorge Nature Preserve and Lion's Den Gorge Nature Preserve to the south in the Town of Grafton.

Attachment: News Articles_Nov2024 (P&PDept_Management&FinancialReports)

County to spend $1.2M on golf course irrigation system

By DAN BENSON
Ozaukee Press staff

■ *Hawthorne Hills project to be completed by next season; park's WiFi service to be extended for outdoor school*

Work on replacing the irrigation system at Hawthorne Hills county golf course, parts of which are more than 60 years old, will soon begin after Ozaukee County officials approved spending over $1 million on the project.

Replacing the irrigation system, which includes nine miles of pipe and 35 miles of wiring, is expected to be completed when the course opens next spring, county Planning and Parks Director Andrew Struck told members of the county Natural Resources Committee earlier this month.

"The system has become increasingly unreliable, and it is failing. In addition to mechanical failures, the wear on the irrigation heads has caused a drop in efficiency estimated to be over 25% loss," Struck said in a memo.

Bids from companies were sought and the committee voted on Oct. 1 to award the contract to Midwest Irrigation with Toro as the supplier of the irrigation heads and control system.

Midwest Irrigation was the second lowest bid at $1.06 million.

"Midwest Irrigation has the most experience for complete irrigation system renovations of any of the contractors that submitted a bid," Struck said. "In addition, Toro Irrigation has both product parts and service technicians based out of Reinders, Inc. located in Sussex."

Midwest Irrigation has positive references from the Milwaukee County Parks Department, for which the company performed three irrigation replacements in the last three years.

A 10% contingency fund brings the total cost of the project to a not-to-exceed amount of $1.16 million. Money for the project will come from reserves set aside for tht purpose.

Meanwhile, Wi-Fi service is being extended to the new maintenance building at Hawthorne Hills, which will make it possible to equip the new Sugar Maple School with Wi-Fi so it can have internet access.

Sugar Maple School utilizes the outdoors as a classroom. It was formerly located at Riveredge Nature Center, but this past spring Ozaukee County supervisors approved a lease agreement to allow the school to hold classes on five acres at Hawthorne Hills through 2029.

The school is a kindergarten-through-sixth grade charter school of the Northern Ozaukee School District. The school site includes a five-acre "exclusive parc near the park's maintenance building an campground being developed immediat to the west.

The school also will have access beyc its five acres to use the 57-acre Hawtho Hills Park and 67-acre Shady Lane Natu Area as an outdoor classroom and learn lab, including the park's nearby pond a the Milwaukee River.

The school's building plan calls fo 70-by-120-foot one-story building conta ing eight classrooms, one of which will used for offices for an administrator, nu counselor and speech pathologist.

Delays in building the site have me the school has been using the nearby Pion Village, owned by the Ozaukee Cou Historical Society.

Providing Wi-Fi service to the schoo required under the county's contract w the school.



THE FORMER Payne and Dolan quarry in the Town of Saukville includes a lake that officials say would be a premier recreational area if the land became an Ozaukee County park.
Press file photo

Town working to sell quarry land to county

■ *Chairman proposes deal that would result in 80-acre Ozaukee park with lake in exchange for roadwork but how property is valued may be in dispute*

By MICHAEL BABCOCK
Ozaukee Press staff

TOWN OF SAUKVILLE - The former quarry across from Saukville Town Hall on Lakeland Road could become home to Ozaukee County's only county-owned lake accessible for fishing and duck hunting, Town Chairman Kevin Kimmes said last week.

Kimmes said he's working to sell the 80-acre quarry property to the county for use as parkland.

Both the town and the county have received numerous calls from residents asking if they can fish or hunt on the man-made lake since it was shut down by Payne and Dolan in the early 2000s, Kimmes said.

"There's a lot of interest in the land as a recreational resource," Ozaukee County Director of Planning and Parks Andrew Struck agreed.

The first step would be acquisition of the full 80 acres by the town.

The town owns the southern 40 acres that are home to the lake while the northern 40 acres, which include the filled quarry, is owned by Payne and Dolan.

The company pays about $4,500 a year in property taxes, of which the town gets about $700, Kimmes said.

As part of its decommissioning agreement, Payne and Dolan agreed to donate both of the lots to the town. The transfer of the northern lot will happen soon, Kimmes said.

He proposed selling the properties to Ozaukee County in exchange for work on town roads, noting road work is the town's "biggest need."

Having the county complete road projects would not only save the town the hassle of budgeting, planning and engineering the work but also tap into the county's expertise, Kimmes said.

"The amount of paving they do each year is substantial," he said.

The county's asphalt quarry is on 200- acres it owns adjacent to the Payne and Dolan land, so it's ideally located to complete projects in the Town of Saukville.

Saukville news

Struck said paying for the land through road work would be more palatable than paying cash.

But the amount the county pays for the land could become a point of contention.

There are two ways to look at the value of the properties, Kimmes said.

One view would be that the northern lot, which is undeveloped and valued at $335,000, would add value to the asking price, while the southern lot would be basically worthless, because an easement on the land prohibits development.

From a different perspective, the properties could be worth as much as $3 million, Kimmes said.

Theoretically, the town could rezone and divide the northern property into six residential lots and transfer the quarry to a homeowners association, Kimmes said. He said each of the five-acre lots with access to a private lake could sell for about $500,000.

However, Kimmes said, he doesn't think it's reasonable to charge the county $3 million. He's recommending selling the land for a price that's closer to $1 million.

The town has the advantage in negotiations, Kimmes said.

Between Tendick Nature Park, the Cedarburg Bog State Natural Area and other private and public parks, the town has two acres of open space per town resident, he said.

"I don't hear from residents, 'Hey, let's donate the land for a county park,'" Kimmes said. "But I would hear, 'Oh, are we losing out here?'"

The Town Board hopes to work with the county to turn the land into a park for all county residents, Kimmes said, but the town is first in mind.

"We know there's an idea of a bigger use that could have a big benefit past the town's residents, and we are in support of that — if we are making a good fiscal decision," he said.

A family that owns land north of the Payne and Dolan property is working with the town to purchase a 10-acre strip, Kimmes said.

An agreement reached more than a decade ago between the town and county —which Kimmes believes is no longer binding or relevant — restricted the town from selling the southern lot to a buyer

Attachment: News Articles_Nov2024 (P&PDept_Management&FinancialReports)

Grant may fund trails in Ulao Creek Preserve

■ *County applies for money that would be used to provide access to nature area near Grafton hotels*

By DAN BENSON
Ozaukee Press staff

Development of a trail system along a narrow stretch of Ulao Creek that is easily accessible to two Grafton hotels could get a jump start if a We Energies grant is awarded to Ozaukee County.

The county Natural Resources Committee recently voted to apply for a $5,000 We Energies Foundation grant to improve public access and the local ecology within Ulao Creek Nature Preserve County Park, a 400-yard long stretch of woods between Gateway Drive and the railroad tracks.

Specifically, the grant would support invasive species management, trail development and construction of a small parking lot.

The county Parks and Planning Department has been improving the property through stream restoration, native tree and shrub planting and invasive species management for several years but there is currently no formal public access to the property, which is located across the street from the Hampton Inn and TownePlace Suites hotels and Waterstreet Brewery restaurant.

The We Energies grant would be first to be used toward development trail system, including a boardwalk thro swampy ground, and a parking lot, Plan and Parks Director Andrew Struck said.

He said he expects development of trail and parking lot to cost about $100,

Management of invasive species is "critical," Struck said, to prevent t spread to neighboring properties and the I-43 corridor.

Grant funds also are needed to rem hazardous ash trees killed by the eme ash borer and replace them with native t and shrubs.

Work along Gateway Drive is part of larger Ulao Creek fish and wildlife hab enhancement and restoration project in Town and Village of Grafton.

It includes restoring multiple streams floodplains, recreating wetlands, remov invasive plants, restoring native plants installing fish and wildlife habitat structu over about 2.5 miles between Ulao Park and just south of Highway 60 east of I-4

The creek and its wetlands are vital spawning fish, including northern pike the Milwaukee River watershed but cades of dredging and straightening has the creek largely separated from adja floodplains and wetlands.

"Improved habitat promotes the lo term restoration of naturally reproduc native fish, wildlife and migratory species to the lower Milwaukee River nearby Lake Michigan," Struck said i memo.

At the same meeting, the Nat Resources Committee also voted to ply for a $200,000 U.S. Forest Ser Great Lakes Restoration Initiative Fo Restoration Grant that would help pay tree planting in Ulao Creek Preserve well as other county parks, to replace trees.

Village of Grafton Hydrant Flushing

The Grafton Water Utility will be flushing hydrants throughout the Village of Grafton, weekdays, from September 30th – October 18th. Weather Dependent.

There may be some discoloration or cloudiness in your water during this process. If you experience this, open an outside spigot or a cold water tap in the lowest level of your home. Let your water flow until it runs clear, which typically only takes a few minutes. The Village recommends to avoid washing clothes if your water is discolored to avoid staining. Thank you for your cooperation.

GRAFTON
QUALITY LIFE, NATURALLY.

If you have any questions, please contact the Utility office at 262-375-5330, Monday through Friday from 7:00am – 3:30pm.

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