



# Dakota County

## Physical Development Committee of the Whole

### Agenda

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Tuesday, January 10, 2023

10:00 AM

Conference Room L139, Western Service Center, Apple Valley (or following Community Services Committee of the Whole)

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**(or following Community Services Committee of the Whole)**

If you wish to speak to an agenda item or an item not on the agenda, please notify the Clerk to the Board via email at [CountyAdmin@co.dakota.mn.us](mailto:CountyAdmin@co.dakota.mn.us)

Emails must be received by 7:30am on the day of the meeting.  
Instructions on how to participate will be sent to anyone interested.

#### **1. Call To Order And Roll Call**

Note: Any action taken by this Committee of the Whole constitutes a recommendation to the County Board.

#### **2. Audience**

Anyone in the audience wishing to address the Committee on an item not on the Agenda or an item on the Consent Agenda may send comments to [CountyAdmin@co.dakota.mn.us](mailto:CountyAdmin@co.dakota.mn.us) and instructions will be given to participate during the meeting. Verbal comments are limited to five minutes.

#### **3. Approval Of Agenda (Additions/Corrections/Deletions)**

##### **3.1 Approval of Agenda (Additions/Corrections/Deletions)**

#### **4. Consent Agenda**

##### **4.1 Approval of Minutes Of Meeting Held On November 29, 2022**

##### **4.2 *Environmental Resources* - Authorization To Extend Existing Contract With Dynamic Lifecycle Innovations And Increase Contract Maximum For Residential And Business Electronics Collection And Recycling**

##### **4.3 *Physical Development Administration* - Planning Commission Update**

#### **5. Regular Agenda**

- 5.1** *Parks, Facilities, and Fleet Management* - Approval Of Schematic Design For Crisis And Recovery Center And Authorization To Amend 2023 Buildings Capital Improvement Program And Non-Departmental Budgets
- 5.2** *Physical Development Administration* - Update On Draft Lebanon Hills Sustainable Trails Study
- 5.3** *Physical Development Administration* - Update On Miesville Ravine Park Reserve Plan
- 5.4** *Transportation* - Update On County Project 99-013 (ST00011), CR 46 Roadway Expansion From TH 3 To TH 52

**6. Physical Development Director's Report**

**7. Adjournment**

- 7.1** Adjournment

**For more information please call 952-891-7030.**

**Physical Development agendas are available online at**

**<https://www.co.dakota.mn.us/Government/BoardMeetings/Pages/default.aspx>**

**Public Comment can be sent to [CountyAdmin@co.dakota.mn.us](mailto:CountyAdmin@co.dakota.mn.us)**



# Physical Development Committee of the Whole

## Request for Board Action

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**Item Number:** DC-1758

**Agenda #:** 3.1

**Meeting Date:** 1/10/2023

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Approval of Agenda (Additions/Corrections/Deletions)



# Physical Development Committee of the Whole

## Request for Board Action

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**Item Number:** DC-1759

**Agenda #:** 4.1

**Meeting Date:** 1/10/2023

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Approval of Minutes Of Meeting Held On November 29, 2022



# Dakota County

## Physical Development Committee of the Whole

### Minutes

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Tuesday, November 29, 2022

10:00 AM

Conference Room L139 Western  
Service Center, Apple Valley

(or following Community Services Committee of the Whole)

#### 1. Call To Order And Roll Call

The meeting was called to order at 10:47 a.m. by Commissioner Workman.

<b>Present</b>	Commissioner Mike Slavik
	Commissioner Kathleen A. Gaylord
	Commissioner Laurie Halverson
	Commissioner Joe Atkins
	Chairperson Liz Workman
	Commissioner Mary Liz Holberg
	Commissioner Mary Hamann-Roland

Also in attendance were Matt Smith, County Manager; Tom Donely, First Assistant County Attorney; Georg Fischer, Physical Development Division Director; Liz Hansen, Administrative Coordinator.

Commissioner Atkins was present via Zoom, but was not part of the voting quorum.  
Matt Smith joined the meeting at 10:50 a.m.

#### 2. Audience

Commissioner Workman asked if there was anyone in the audience that wished to address the Physical Development Committee of the Whole on an item not on the agenda or an item on the consent agenda. No one came forward and no comments were submitted to CountyAdmin@co.dakota.mn.us.

#### 3. Approval Of Agenda (Additions/Corrections/Deletions)

##### 3.1 Approval of Agenda (Additions/Corrections/Deletions)

Motion: Mary Hamann-Roland

Second: Mike Slavik

On a motion by Commissioner Hamann-Roland, seconded by Commissioner Slavik, the agenda was unanimously approved. The motion carried by the following vote:

Ayes: 6

Commissioner Slavik, Commissioner Gaylord, Commissioner Halverson, Chairperson Workman, Commissioner Holberg, and Commissioner Hamann-Roland

Excused: 1  
Commissioner Atkins

**4. Consent Agenda**

On a motion by Commissioner Hamann-Roland, seconded by Commissioner Slavik, the consent agenda was unanimously approved as follows:

Ayes: 6  
Commissioner Slavik, Commissioner Gaylord, Commissioner Halverson,  
Chairperson Workman, Commissioner Holberg, and Commissioner  
Hamann-Roland

Excused: 1  
Commissioner Atkins

**4.1 Approval of Minutes Of Meeting Held On November 1, 2022**

Motion: Mary Hamann-Roland

Second: Mike Slavik

**4.2 Authorization To Amend Joint Powers Agreement With City Of South St. Paul For Mississippi River Greenway: Wakota Bridge Trailhead**

Motion: Mary Hamann-Roland

Second: Mike Slavik

WHEREAS, by Resolution No. 21-268 (May 18, 2021), the County Board authorized a joint powers agreement (JPA) #C0034615 with the City of South St. Paul for final design of the Mississippi River: Wakota Bridge Trailhead; and

WHEREAS, the construction of a new trailhead facility on the Mississippi River Greenway is a shared priority between the City of South St Paul and Dakota County; and

WHEREAS, through this partnership, Dakota County and South St. Paul have secured \$1,100,000 in state and federal grants; and

WHEREAS, the final project construction estimate is \$1,450,000, including a 10 percent contingency; and

WHEREAS, Dakota County and the City of South St. Paul will each contribute up to an additional \$170,000 towards final construction costs; and

WHEREAS, Dakota County and City of South St. Paul will equally share in deferred maintenance as needed to keep the trailhead facility operational; and

WHEREAS, a future Supplemental Maintenance Agreement will be established between the City of South St. Paul and Dakota County for ongoing maintenance; and

WHEREAS, the construction cost share for Dakota County of the joint power agreement is amended to add up to \$170,000, including a ten percent contingency; and

WHEREAS, sufficient revenues are available in the recommended 2023 Dakota County Park Capital Improvement Program within the Greenway Collaborative set-aside.

NOW, THEREFORE, BE IT RESOLVED, That the Dakota County Board of Commissioners hereby authorizes the Physical Development Director to amend a joint powers agreement with City of South St. Paul to fund the construction of the Mississippi River Greenway: Wakota Bridge Trailhead for the period of January 1, 2023, through December 31, 2024, as presented, subject to approval by the County Attorney's Office as to form; and

BE IT FURTHER RESOLVED, That the Dakota County Board of Commissioners hereby authorizes the Physical Development Director to execute a supplemental maintenance agreement with the City of South St Paul for the Mississippi River Greenway, including the Wakota Bridge Trailhead, subject to approval by the

County Attorney's Office as to form.

This item was approved and recommended for action by the Board of Commissioners on 12/13/2022.

**4.3 Approval Of 2023 Planning Commission Work Plan**

Motion: Mary Hamann-Roland

Second: Mike Slavik

WHEREAS, Dakota County Ordinance No. 118 establishes the powers and duties of the Planning Commission to make recommendations on plans, policies, and programs, as directed by the County Board; and

WHEREAS, County Policy No. 1015 provides direction regarding its citizen advisory committees and states that the Planning Commission is required to consult annually with the County Board to seek concurrence regarding the topics they will study or on which they will advise the County Board; and

WHEREAS, the County Board has identified topics for 2023, including the preparation of plans for natural resources, parks, greenways, and transportation; and

WHEREAS, the 2023 Planning Commission Work Plan is consistent with County Board projects.

NOW, THEREFORE, BE IT RESOLVED, That the Dakota County Board of Commissioners hereby approves the 2023 Planning Commission Work Plan as presented to the Physical Development Committee of the Whole on November 29, 2022.

This item was approved and recommended for action by the Board of Commissioners on 12/13/2022.

**4.4 Planning Commission Update**

Motion: Mary Hamann-Roland

Second: Mike Slavik

Information only; no action requested

**4.5 Authorization Of Resolution Of Support For 2022 Minnesota Department Of Transportation Active Transportation Funding Applications**

Motion: Mary Hamann-Roland

Second: Mike Slavik

WHEREAS, the Minnesota Department of Transportation (MnDOT) is requesting funding application submittals for funding under the Active Transportation (AT) program; and

WHEREAS, the AT program funds up to 100 percent of project construction costs; and

WHEREAS, funding application submittals are due December 30, 2022; and

WHEREAS, all projects proposed are consistent with the adopted Dakota County Pedestrian and Bicycle study as well as the Dakota County Pedestrian Crossing Safety Assessment; and

WHEREAS, applications to the AT program require a full resolution of support from the sponsoring agency.

NOW, THEREFORE, BE IT RESOLVED, That the Dakota County Board hereby supports the submittal of 2022 Minnesota Department of Transportation Active Transportation program applications for the following projects:

1. County Project 97-217, Pedestrian Crossing Safety Enhancements
2. County Project 56-14, Concord Boulevard Pedestrian and Bicycle Improvements

This item was approved and recommended for action by the Board of Commissioners on 12/13/2022.

**4.6 Authorization To Execute Agreement With Minnesota Pollution Control Agency For Household Hazardous Waste Program And Execute Agreement With PaintCare Inc.**

Motion: Mary Hamann-Roland

Second: Mike Slavik

WHEREAS, the Dakota County Board of Commissioners wishes to participate in the statewide household hazardous waste (HHW) program to further the goals of protecting public health and the environment; and

WHEREAS, Minn. Stat. § 115A.96 allows Metropolitan HHW programs to be administered by a public entity through an agreement with the Minnesota Pollution Control Agency (MPCA); and

WHEREAS, Minn. Stat. § 115A.1415 requires paint producers to implement a product stewardship program for architectural paint in Minnesota; and

WHEREAS, paint producers created PaintCare Inc., a non-profit organization, to administer and implement paint product stewardship programs across the country; and

WHEREAS, PaintCare Inc.'s product stewardship program went into effect in Minnesota on November 1, 2014, with a per-can fee on architectural paint sold; and

WHEREAS, funds collected by PaintCare Inc. are used to reimburse counties for costs associated with managing and the transportation of architectural paint collected at The Recycling Zone, at events, and for paint taken by the public for reuse; and

WHEREAS, staff recommends execution of an Agreement with the MPCA for HHW Program operations; and

WHEREAS, to participate in the product stewardship program, Minnesota counties must enter into an Agreement with PaintCare Inc. that addresses indemnification rights and obligations, insurance coverage, spill reporting, and the right for PaintCare to inspect county HHW facilities and records related to paint reimbursement.

NOW, THEREFORE, BE IT RESOLVED, That the Dakota County Board of Commissioners hereby authorizes the Environmental Resources Department Director to execute an agreement between Dakota County and the Minnesota Pollution Control Agency to operate the Dakota County Household Hazardous Waste Program, as substantially presented to the Physical Development Committee of the Whole on November 29, 2022, and subject to approval by the County Attorney's Office as to form; and

BE IT FURTHER RESOLVED, That the Dakota County Board of Commissioners

hereby authorizes the Environmental Resources Department Director to execute an agreement with Dakota County and PaintCare Inc. to address indemnification, insurance coverage, and reimbursement to Dakota County for costs associated with managing and transportation of architectural paint, as substantially presented to the Physical Development Committee of the Whole on November 29, 2022, and subject to approval by the County Attorney's Office as to form.

This item was approved and recommended for action by the Board of Commissioners on 12/13/2022.

**5. Regular Agenda**

**5.1 Authorization To Execute Host Fee Agreements For Burnsville Sanitary Landfill, Burnsville Dem/Con Landfill, Pine Bend Sanitary Landfill, Dawnway Demolition Landfill, And SKB Environmental**

Motion: Mary Hamann-Roland

Second: Kathleen A. Gaylord

Georg Fischer, Physical Development Director, presented this item and responded to questions.

Information related to the remaining airspace for each of the impacted landfills after the proposed five year Host Fee Agreements was requested. Staff will provide this information based on average disposal rates at each landfill and currently permitted landfill airspace. Several commissioners indicated that they would like to see a larger differential in fees for Mixed Municipal Solid Waste (MMSW) deposited at landfills in Dakota County that is generated outside of the County increase compared to waste generated within the county. The proposed agreements gradually increase out of county MMSW fees over the course of the agreement and results in a final differential of 33% by 2027. Staff will explore increasing that difference during the negotiation process for future Host Fee Agreements (2028-2032).

WHEREAS, Burnsville Sanitary Landfill, Inc., (BSLI) is the owner and operator of the Burnsville Sanitary Landfill, located in the city of Burnsville, which accepts solid waste for disposal; and

WHEREAS, Dakota County entered into five Host Fee Agreements with BSLI for payment of host fees in lieu of statutory surcharge fees on solid waste disposed of at the Burnsville Sanitary Landfill from 1997 through 2022; and

WHEREAS, the current Host Fee Agreement between Dakota County and BSLI expires on December 31, 2022; and

WHEREAS, BSLI and Dakota County have reached an agreement on the terms of a Host Fee Agreement that requires BSLI to pay Dakota County a host fee on solid waste disposed of at the Burnsville Sanitary Landfill from January 1, 2023, through December 31, 2027, in lieu of the surcharge fee provided for by Minn. Stat. § 115A.919; and

WHEREAS, BSLI is the owner and operator of the Burnsville Dem/Con Landfill, located in the city of Burnsville, which accepts solid waste for disposal; and

WHEREAS, Dakota County entered into five Host Fee Agreements with BSLI for the payment of host fees at the Burnsville Dem/Con Landfill from 1998 through 2022; and

WHEREAS, the current Host Fee Agreement between Dakota County and BSLI expires on December 31, 2022; and

WHEREAS, BSLI and Dakota County have reached an agreement on the terms of a Host Fee Agreement that requires BSLI to pay Dakota County a host fee on solid waste disposed at the Burnsville Dem/Con Landfill from January 1, 2023, through December 31, 2027, in lieu of the surcharge fee provided for by Minn. Stat. § 115A.919; and

WHEREAS, BFI Waste Systems of North America, LLC, (BFI) is the owner and operator of the Pine Bend Sanitary Landfill, located in the city of Inver Grove Heights, which accepts solid waste for disposal; and

WHEREAS, Dakota County entered into five Host Fee Agreements with BFI for payment of host fees in lieu of statutory surcharge fees on solid waste disposed of at the Pine Bend Sanitary Landfill from 1997 through 2022; and

WHEREAS, the current Host Fee Agreement between Dakota County and BFI expires on December 31, 2022; and

WHEREAS, BFI and Dakota County have reached an agreement on the terms of a Host Fee Agreement that requires BFI to pay Dakota County a host fee on solid waste disposed of at the Pine Bend Sanitary Landfill from January 1, 2023, through December 31, 2027, in lieu of the surcharge fee provided for by Minn. Stat. § 115A.919; and

WHEREAS, Frattalone's Dawnway, LLLP, (Frattalone) is the owner and operator of the Frattalone Dawnway Demolition Landfill, located in the Cities of Inver Grove Heights and South St. Paul, which accepts solid waste for disposal; and

WHEREAS, Dakota County entered into three host fee agreements with Frattalone for payment of host fees on waste disposed of in the Landfill from 2008 through 2022; and

WHEREAS, the current Host Fee Agreement between Dakota County and Frattalone expires on December 31, 2022; and

WHEREAS, Frattalone and Dakota County have reached an agreement on the terms of a host fee agreement that requires Frattalone to pay Dakota County a host fee on solid waste disposed at the Dawnway Demolition Landfill from January 1, 2023, through December 31, 2027, in lieu of the surcharge fee provided for by Minn. Stat. § 115A.919; and

WHEREAS, SKB Environmental, Inc., (SKB) is the owner and operator of the SKB Industrial Waste Landfill and SKB Demolition Landfill, located in the city of Rosemount, and SKB Rich Valley Demolition Landfill, located in the city of Inver Grove Heights, which accept solid waste for disposal; and

WHEREAS, Dakota County entered into five host fee agreements with SKB for payment of host fees on waste disposed of in the Landfills from 2000 through

2022; and

WHEREAS, the current Host Fee Agreement between Dakota County and SKB expires on December 31, 2022; and

WHEREAS, SKB and Dakota County have reached an agreement on the terms of a host fee agreement that requires SKB to pay Dakota County a host fee on solid waste disposed at the SKB Rosemount Industrial Waste, the SKB Rosemount Demolition Landfill, and the SKB Rich Valley Demolition Landfill from January 1, 2023, through December 31, 2027, in lieu of the surcharge fee provided for by Minn. Stat. § 115A.919.

NOW, THEREFORE, BE IT RESOLVED, That the Dakota County Board of Commissioners hereby authorizes the Physical Development Director to execute the Host Fee Agreement between Dakota County and BSLI, as presented to the Physical Development Committee of the Whole on November 29, 2022, for waste disposed of in the Burnsville Sanitary Landfill during the period from January 1, 2023, through December 31, 2027, subject to approval by the County Attorney's Office as to form; and

BE IT FURTHER RESOLVED, That the Dakota County Board of Commissioners hereby authorizes the Physical Development Director to execute the Host Fee Agreement between Dakota County and BSLI, as presented to the Physical Development Committee of the Whole on November 29, 2022, for waste disposed of in the Burnsville Dem/Con Landfill during the period from January 1, 2023, through December 31, 2027, subject to approval by the County Attorney's Office as to form; and

BE IT FURTHER RESOLVED, That the Dakota County Board of Commissioners hereby authorizes the Physical Development Director to execute the Host Fee Agreement between Dakota County and BFI, as presented to the Physical Development Committee of the Whole on November 29, 2022, for waste disposed of in the Pine Bend Sanitary Landfill during the period from January 1, 2023, through December 31, 2027, subject to approval by the County Attorney's Office as to form; and

BE IT FURTHER RESOLVED, That the Dakota County Board of Commissioners hereby authorizes the Physical Development Director to execute the Host Fee Agreement between Dakota County and Frattalone, as presented to the Physical Development Committee of the Whole on November 29, 2022, for waste disposed of in the Dawnway Demolition Landfill during the period from January 1, 2023, through December 31, 2027, subject to approval by the County Attorney's Office as to form; and

BE IT FURTHER RESOLVED, That the Dakota County Board of Commissioners hereby authorizes the Physical Development Director to execute the Host Fee Agreement between Dakota County and SKB, as presented to the Physical

Development Committee of the Whole on November 29, 2022, for waste disposed of in the SKB Rosemount Industrial Waste, The SKB Rosemount Demolition Landfill, and the SKB Rich Valley Demolition Landfill during the period from January 1, 2023, through December 31, 2027, subject to approval by the County Attorney's Office as to form.

This item was approved and recommended for action by the Board of Commissioners on 12/13/2022.

Ayes: 6

Commissioner Slavik, Commissioner Gaylord, Commissioner Halverson, Chairperson Workman, Commissioner Holberg, and Commissioner Hamann-Roland

Excused: 1

Commissioner Atkins

**5.2 Update On Crisis And Recovery Center Project**

Jay Biedny, Capital Projects Manager, and Trish Bremer, Sr. Project Manager, presented this item and responded to questions.

Commissioners requested information on the return on investment (ROI) for the required energy efficiency elements of this project. Those elements are required because the State is administering the Federal dollars for the project.

Commissioners also asked staff to review options to reduce the overall project cost.

The following staff members were present in the audience and also spoke to this item:

Evan Henspeter, Social Services Director

Emily Schug, Social Services Deputy Director

Information only; no action requested.

**5.3 Update On Future Space Planning**

Jay Biedny, Capital Projects Manager, presented this item and responded to questions.

Commissioners directed staff to reevaluate the use of space in the Farmington Extension and Conservation Center as well, and determine if those needs could be met in one or more of the Service Centers.

Additional ideas were discussed for the available space at Northern Service Center, such as, reducing the proposed Crisis Recovery Center Project building size by utilizing the available square footage as a drop in triage space or an actual treatment center.

Information only; no action requested.

**6. Physical Development Director's Report**

Georg Fischer, Physical Development Director, provided the Committee with a written Division update.

**7. Adjournment**

**7.1 Adjournment**

Motion: Kathleen A. Gaylord

Second: Mary Hamann-Roland

On a motion by Commissioner Kathleen Gaylord, seconded by Commissioner Mary Hamann-Roland, the meeting was adjourned at 11:56 a.m.

Ayes: 6

Commissioner Slavik, Commissioner Gaylord, Commissioner Halverson, Chairperson Workman, Commissioner Holberg, and Commissioner Hamann-Roland

Excused: 1

Commissioner Atkins

Respectfully submitted,

Liz Hansen  
Administrative Coordinator



# Physical Development Committee of the Whole

## Request for Board Action

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Item Number: DC-1696

Agenda #: 4.2

Meeting Date: 1/10/2023

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**DEPARTMENT:** Environmental Resources

**FILE TYPE:** Consent Action

### **TITLE**

**Authorization To Extend Existing Contract With Dynamic Lifecycle Innovations And Increase Contract Maximum For Residential And Business Electronics Collection And Recycling**

### **PURPOSE/ACTION REQUESTED**

Authorize a two-year extension to the existing contract with Dynamic Lifecycle Innovations and increase the contract maximum by \$325,000 to \$600,000. This contract is for recycling of residential and business electronics collected at The Recycling Zone and at one-day household hazardous waste (HHW) collection events.

### **SUMMARY**

Minn. Stat. § 115A.96 requires counties to have a HHW program that provides for collection, storage, and proper management of hazardous waste to keep it out of the solid waste stream. Electronics, which contain lead, cadmium, mercury, and lithium, continue to be the largest hazardous waste stream collected at The Recycling Zone.

Dynamic Lifecycle Innovations (Dynamic) is the vendor currently contracted by Dakota County to recycle the electronics collected at The Recycling Zone and at one-day HHW collection events. In 2021, Dakota County shipped over 1,268,000 pounds of electronics with Dynamic, including TVs, computers, monitors, laptops, and other electronic devices.

The current contract with Dynamic allows for a two-year extension for 2023-2024. The first two year contract amount of \$250,000 was administratively amended in 2022 with an additional \$25,000. The current contract maximum will need to be increased by \$325,000 to \$600,000 to cover the additional two years.

Dakota County charges residents \$10 for each TV and computer monitor accepted; all other electronics are free. Businesses are charged the full cost, which varies by electronic type. The revenue from these fees offsets the costs of this contract.

### **RECOMMENDATION**

Staff recommends authorizing the two-year term extension with Dynamic Lifecycle Innovations and increasing the contract maximum payment to \$600,000 for recycling of residential and business electronics collected at The Recycling Zone and at one-day HHW collection events.

### **EXPLANATION OF FISCAL/FTE IMPACTS**

The 2023 Environmental Resources Department budget includes sufficient funds for HHW disposal. The fee charged to residents for each TV or computer monitor accepted are projected to cover the full costs of this contract extension.

None       Current budget       Other  
 Amendment Requested       New FTE(s) requested

## **RESOLUTION**

WHEREAS, by Resolution No. 18-493 (September 18, 2018), the Dakota County Board of Commissioners approved the 2018-2038 Dakota County Solid Waste Master Plan (Master Plan); and

WHEREAS, as part of the Master Plan, the Dakota County Board of Commissioners encourages residents and businesses to properly manage hazardous waste and recyclables; and

WHEREAS, electronics, which can contain lead, cadmium, mercury, and lithium, continue to be the largest hazardous waste stream collected at The Recycling Zone; and

WHEREAS, televisions and monitors are collected for a fee while other electronics are collected from residents at no charge at The Recycling Zone and at one-day household hazardous waste collection events; and

WHEREAS, electronics are collected from businesses at The Recycling Zone for a fee; and

WHEREAS, by Resolution No. 20-627 (December 15, 2020), the Dakota County Board of Commissioners authorized the current Dynamic Lifecycle Innovations contract for the term from January 1, 2021, to December 31, 2022, with a two-year term extension option, in an amount not to exceed \$250,000; and

WHEREAS, Dynamic Lifecycle Innovations currently services Dakota County and other county electronics collection sites in Minnesota and Wisconsin; has a demonstrated tracking and reporting system; has strict data and facility security practices; and identified the ability to recycle all electronic materials and the capability to manage increasing amounts of electronics.

NOW, THEREFORE, BE IT RESOLVED, That the Dakota County Board of Commissioners hereby authorizes the Environmental Resources Director to extend the existing contract with Dynamic Lifecycle Innovations for a term from January 1, 2021, to December 31, 2024, in an amount not to exceed \$600,000, subject to the approval of the County Attorney's Office as to form and subject to approval by the County's Risk and Homeland Security Manager.

## **PREVIOUS BOARD ACTION**

18-493; 9/18/18  
20-627; 12/15/20

## **ATTACHMENTS**

None.

## **BOARD GOALS**

<input type="checkbox"/> A Great Place to Live	<input checked="" type="checkbox"/> A Healthy Environment
<input type="checkbox"/> A Successful Place for Business and Jobs	<input type="checkbox"/> Excellence in Public Service

**PUBLIC ENGAGEMENT LEVEL**

<input type="checkbox"/> Inform and Listen	<input type="checkbox"/> Discuss	<input type="checkbox"/> Involve	<input checked="" type="checkbox"/> N/A
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**CONTACT**

Department Head: Nikki Stewart  
Author: Dave Magnuson



# Physical Development Committee of the Whole

## Request for Board Action

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**Item Number:** DC-1697

**Agenda #:** 4.3

**Meeting Date:** 1/10/2023

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**DEPARTMENT:** Physical Development Administration

**FILE TYPE:** Consent Information

**TITLE**

Planning Commission Update

**PURPOSE/ACTION REQUESTED**

Receive an update on the issues addressed by the Planning Commission.

**SUMMARY**

The Dakota County Planning Commission met on Thursday, December 15, 2022. The Planning Commission addressed the following issues:

Miesville Ravine Park Reserve Master Plan

The Planning Commission received an update on the first phase of public engagement. Planning Commissioners reviewed public comments and received a presentation on demographic, recreation, and visitation trends. Planning Commissioners discussed issues and opportunities to be used in the development of park concepts.

Land Conservation Program Update

Planning Commissioners received an update on recently completed and pending land protection proposals.

**RECOMMENDATION**

None.

**EXPLANATION OF FISCAL/FTE IMPACTS**

None       Current budget       Other  
 Amendment Requested       New FTE(s) requested

**RESOLUTION**

Information only; no action requested.

**PREVIOUS BOARD ACTION**

None.

**ATTACHMENTS**

Attachment: Planning Commission Minutes

**BOARD GOALS**

A Great Place to Live  
 A Successful Place for Business and Jobs

A Healthy Environment  
 Excellence in Public Service

**PUBLIC ENGAGEMENT LEVEL**

Inform and Listen       Discuss       Involve       N/A

**CONTACT**

Department Head: Erin Stwora  
Author: Kurt Chatfield



## Meeting Minutes: Dakota County Planning Commission Advisory Committee Meeting Minutes

Date: 12/15/2022

Minutes prepared by: Liz Hansen

Location: Western Service Center, Conference Room L139

### Attendance

#### Members Present

- Amy Hunting
- Barry Graham
- Anna Boroff
- Lori Hansen
- Jerry Rich
- John Ross
- Don Post
- Nate Reitz

#### Staff Present

- Kurt Chatfield
- Liz Hansen
- Niki Geisler
- Lil Leatham
- Al Singer
- Nikki Stewart
- Georg Fischer
- Kelsey Walfoort
- Mike Lynn
- Joe Walton

#### Others Present

- Sarah Evenson, HKGI

### Meeting Called to Order

- Time: 7:05 p.m.
- By: Vice Chair Hunting

Due to Commissioner Oxley's absence, Vice-Chair Amy Hunting led the meeting.

### Audience items not on the agenda

- Comments/Notes: No one was present in the audience.

### Approval of Agenda

- Motion by: Commissioner Graham

- Second: Commissioner Post
- Vote: Unanimously approved.

## Approval of Minutes (from October 27, 2022)

- Motion by: Commissioner Hansen
- Second: Commissioner Boroff
- Vote: unanimously approved.

### Item #1 Miesville Park Reserve Master Plan and NRMP – Review Phase 1

#### (Lil Leatham – Planning Office)

Lil Leatham, Sr. Planner, presented the Miesville Park Reserve Inventory and Analysis Report. Sarah Evenson from HKGi was also in attendance and presented this item.

Comments/Notes:

Questions and comments by Commissioners, along with responses from staff (italics):

Native American Indians are not listed as a focus group on page 19. This was noted as missing from the report regarding getting this group's input and activities. *Staff responded that they are working with Tribal Historic Preservation Officers and have contracted with the Upper Sioux to complete a Cultural Landscape Survey for the Park.*

Commissioners noted that the draft Miesville document contained language about the Trout Brook being "pristine." *Staff responded that while the Trout Brook is a valuable natural resource, it is not pristine, and they will remove that language from the draft document.*

What impacts does the adjacent golf course have on the water and quality of the Trout Brook? *Staff responded that they were unsure of the golf course's effects on the water quality in the area. Staff noted that the park reserve is at the very bottom of the watershed and that the golf course and all upstream land uses could affect surface water quality. Staff also mentioned that they are working on identifying the extent of the park reserve's "spring shed" to determine if infiltration from nearby land uses impacts springs within the park reserve.*

Since the park reserve is located within Dakota County and Goodhue County, please explain how the park reserve is managed. *Staff responded that Dakota County owns land in Goodhue County and is responsible for managing all the land within the park reserve boundaries, regardless if it is located in Goodhue County.*

The commission discussed several natural resource issues. Is the park reserve prone to flooding? *Staff responded that the Trout Brook is prone to flooding, and it can be severe, threatening both natural resources and trails and bridges.* Will the staff bring the goats back to this park reserve? *Staff responded that the plan is for goats to return to this area and that goats are needed to manage the natural resource on the steep slopes of the ravine.*

A commissioner observed that the park reserve is far away from more populated areas of Dakota County. The service area of the park reserve, as shown in the draft report, should not include areas beyond a 30-minute

drive. Since the park reserve is so far away from most Dakota County residents, it should be a lower priority. The county should limit investment in recreational improvements at this far away location. Several other commissioners nodded in agreement. *Staff acknowledged the comment.*

A question was asked about the planning process for the park reserve and whether there will be options developed to choose between. *Staff responded that the next planning phase looks at various options, and the Planning Commission will be involved in that process. The Planning Commission will have the benefit of community input when making recommendations about what options they support or wish to change. Staff also provided an overview of the upcoming planning process for the park reserve in 2023.*

There was a general discussion about what is currently offered at the park reserve and what might be offered to make the park reserve a more desirable place to visit. Several comments were made that the park reserve should remain natural, yet it also needs to be more accessible than the current facilities. One suggestion was that the park reserve needs a trailhead on the north side to provide access to the tops of the bluff prairies. A comment was made that a bridge connection to the Cannon Valley Trail would make the park reserve much more accessible and would likely result in more visitation. Programming will be challenging because there are no 4-season buildings at the park reserve. Several commissioners expressed concern about some of the public comments requesting mountain bike trails in the park reserve, noting that natural resources are sensitive. *Staff took note of the comments raised in the discussion.*

Staff asked for feedback regarding the vision and guiding principles for the park reserve:

- A commissioner stated they felt the vision and guiding principles were well-written.
- A commissioner struggled to see how the trails would become more ADA Accessible given how rugged the terrain is in the park reserve. A commissioner suggested that another trailhead on the north end of the park reserve may be needed.
- The guiding principles are good and give the feel of keeping the park reserve wild. At least some of the trials should be accessible, and it should be a priority to make it easier for people to get in and out of the water at the Trout Brook and the Cannon River confluence.

*Staff responded that they would continue working on concepts and be back in the Spring for continued input and review.*

## **Item #2 Dakota County Land Conservation Program – Update on Pending Projects**

### **(Al Singer – Land Conservation Program)**

Al Singer, Land Conservation Program Manager, provided an update on the status of the Land Conservation Plan and Program. Mike Lynn, Environmental Specialist, and Kelsey Walfoort also presented.

Commissioners asked general questions about the program and the lands that have been protected to date. Several questions were raised about how existing easements were being monitored. *Staff described how drones are being used to quickly and efficiently determine whether easements are being managed according to agreements.*

Commissioners provided a number of positive comments in support of the Land Conservation Program and complimented staff on their efforts.

## Planning Manager Update and County Board Actions at Physical Development Committee

Kurt Chatfield, Planning Manager, provided the Planning Commission with an update on the following County Board Actions:

- County Board approved Joint Powers Agreement with City of South St. Paul for the Mississippi River Greenway Wakota Trailhead
- County Board approved the Planning Commission's Work Plan for 2023
- Planning Commissioners received an overview of the Planning Commission Application Process for 2023
- It was announced that Dakota County received the Blazing Star Award from Conservation Minnesota for the Spring Lake Park Reserve Bison Herd

Comments/Notes:

Kurt informed the Planning Commission that the Bison had arrived at Spring Lake Park Reserve and offered to arrange a staff-led tour of the Bison before a Planning Commission meeting in Spring of 2023. Planning Commission members expressed interest in the tour.

## Upcoming Public Meetings – Community Outreach

Meeting	Details
Dodd (CSAH 9) and 179 <sup>th</sup> (CSAH 60) Reconstruction Open House <a href="http://www.doddblvdcr9.com">www.doddblvdcr9.com</a>	Mon, December 12, from 5:30pm-7:00pm Lakeville Water Treatment Facility
Crisis and Recovery Center on Dakota County NSC site City Council Presentation	Mon, December 12, 6:30pm West St. Paul City Hall
County State Aid 88 – Reconstruction Open House	Wed, December 14, from 5:00pm – 6:30pm City of Randolph, City Hall
River to River Greenway – Mendota Heights Segment Project Update – Mendota Heights City Council <a href="http://River to River Greenway, Mendota Heights Segment   Dakota County">River to River Greenway, Mendota Heights Segment   Dakota County</a>	Tues, December 20, from 4:00pm-5:30pm Mendota Heights City Hall

## Topics for next meeting (Thursday, January 26, 2023)

- Election officers
- Schedule workplan
- Vermillion River Greenway Natural Resource Management Plan
- Veterans Memorial Greenway Natural Resource Management Plan

## **Planning Commissioner Announcements/Updates:**

The following Commissioners announced they will not be serving in 2023:

- Don Post
- Anna Boroff

## **Adjourn**

- Motion by: Commissioner Graham
- Second: Commissioner Ross
- Vote: unanimously approved.
- Time: 9:02 p.m.

**Next Regular Meeting: Thursday, January 26, 2023, at 7:00 p.m., Dakota County Western Service Center, Apple Valley**

DRAFT



# Physical Development Committee of the Whole

## Request for Board Action

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Item Number: DC-1702

Agenda #: 5.1

Meeting Date: 1/10/2023

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**DEPARTMENT:** Parks, Facilities, and Fleet Management

**FILE TYPE:** Regular Action

### **TITLE**

**Approval Of Schematic Design For Crisis And Recovery Center And Authorization To Amend 2023 Buildings Capital Improvement Program And Non-Departmental Budgets**

### **PURPOSE/ACTION REQUESTED**

Review and approve the Crisis and Recovery Center schematic design as presented. Authorize a budget amendment to the 2023 Buildings Capital Improvement Program and Non-Departmental Budgets to support total project needs.

### **SUMMARY**

Dakota County, in partnership with Guild Inc., submitted a grant to the Minnesota Department of Human Services (DHS) to build a Regional Behavioral Health Crisis Services Center in the City of West St. Paul. The grant submission was authorized by the Dakota County Board in Resolution No. 21-389 (July 20, 2021). The grant was successful, and by Resolution No. 22-095 (March 8, 2022), the Board accepted \$3,459,928 in state funding for the project.

After working with West St. Paul city staff, it was determined that the northeast corner of the Northern Service Center property would work best for this project. Physical Development staff worked with a design consultant to complete a predesign presented to the County Board at the Physical Development Committee Meeting on June 14, 2022. The Board then approved the project to move into design by Resolution No. 22-254 (June 21, 2022).

Following this approval, Capital Projects Management staff solicited proposals for design services through a competitive Request for Proposal process. A committee unanimously recommended Wold Architects and Engineers (Wold) to lead design efforts. This selection was approved by the Dakota County Board of Commissioners through Resolution No. 22-306 (July 19, 2022).

A Core Planning Group comprised of County and Guild staff worked with Wold on design efforts. The project needs were confirmed to include spaces for intensive residential treatment services, crisis residential services, and a place to go for crisis assessment services 24/7. As shown in the attached schematic design images (see Attachment: Schematic Design), these three services will be provided in one facility. The project design incorporates evidence-based and trauma-informed design principles and includes provisions to meet or exceed the State of Minnesota's B3 Sustainable Building Energy Standards as well as the County's High-Performance Buildings Standards.

Concurrent with schematic design efforts, Wold worked with the Core Planning Group to develop and submit the necessary documents to the City of West St. Paul Planning Commission to rezone the

property. City staff presented the project applications to the Planning Commission, who then recommended approval with conditions attached to the Conditional Use Permit. The West St. Paul City Council reviewed the applications and additional conditions, and approved three of the four items at the City Council meeting held on December 12, 2022. The final item was approved after a second reading at the City Council meeting held on January 9, 2023.

Capital Projects Management staff solicited an independent cost estimate and opinion of constructability. This estimate was then compared to an estimate provided by the design consultant to conclude that the estimates exceeded the project budget. Staff worked through a value engineering process to reduce the project in size and scope to align with the project budget; however, the project still exceeds the approved budget. This is due to several factors including: inflation; escalation to match the intended start of construction in 2023; higher cost, lower energy use systems required by the State funding; and a higher level of site development required by the city of West St. Paul. Due to these factors, staff is requesting a project budget increase of \$5,371,000. This increase will bring the project budget to a total of \$13,500,000.

The original project funding was comprised of a mix of State grant funds administered through the MN DHS and Federal ARP funds. This project qualifies for use of the Federal ARP funds under the expenditure category 1.12 - Mental Health Services in the Compliance and Reporting Guidance for ARPA pursuant to Final Rule, 31 CFR Part 35, Subp. A, Section 35.6 (b)(3)(C) for provision of behavior health care. The need and impact of this project is further justified and explained for use of these funds (see Attachment: Justification for Use of ARP Funds). The total project budget increase will now include a third funding source of State bonding funds to be requested through the 2023 legislative session. As proposed, the total project budget will be split approximately even between County funds (including the previously awarded MN DHS grant funds and Federal ARP funds) and State bonding funds.

If the project schematic design is approved, staff will continue efforts to complete the remaining design work and develop the technical bidding documents. The project will be bid in July 2023, after which staff will return to the County Board to request approval to award the construction contract. Construction will start in fall of 2023, with completion and building occupancy by the end of 2024. These efforts and this timeline align with the parameters of the MN DHS grant funding, which must be encumbered by December 31, 2024.

## RECOMMENDATION

Staff recommends the approval of the Crisis and Recovery Center schematic design as presented and amending the 2023 Buildings Capital Improvement Program and Non-Departmental Budgets to support total project needs.

## EXPLANATION OF FISCAL/FTE IMPACTS

The Adopted 2023 Building Capital Improvement Program includes a total project budget of \$8,129,000 (see Attachment: Financial Summary). The schematic design cost estimates exceed this project budget due to several factors. Staff are requesting a project budget increase of \$5,371,000 to provide the needed funds to complete this project at a new project budget total of \$13,500,000.

- None
- Current budget
- Other
- Amendment Requested
- New FTE(s) requested

**RESOLUTION**

WHEREAS, Dakota County Community Services, in partnership with Guild Inc., submitted a grant to the Minnesota Department of Human Services (DHS) to build a Regional Behavioral Health Crisis Services Center; and

WHEREAS, the grant submission was authorized by the Dakota County Board in Resolution No. 21-389 (July 20, 2021); and

WHEREAS, the grant was successful, and by Resolution No. 22-095 (March 8, 2022), the Board accepted the \$3,459,928 in state funds for the project; and

WHEREAS, site selection, project predesign, and revised budgets were presented to the Board, and the project was authorized to proceed into design by Resolution No. 22-254 (June 21, 2021); and

WHEREAS, the design team of Wold Architects and Engineers was selected and approved to lead the design efforts for the project by Resolution No. 22-306 (July 19, 2021); and

WHEREAS, the design team worked with the Core Planning Group to develop the schematic design to meet identified project needs; and

WHEREAS, the City of West St. Paul City Council approved the projects applications for rezoning, including additional conditions on the Conditional Use Permit; and

WHEREAS, the cost estimates prepared for the schematic design developed to date exceed the project budget; and

WHEREAS, additional funds are being requested to meet the identified project funding needs in the amount of \$5,371,000; and

WHEREAS, the project qualifies under the expenditure category 1.12 - Mental Health Services in the Compliance and Reporting Guidance for ARPA pursuant to Final Rule, 31 CFR Part 35, Subp. A, Section 35.6 (b)(3)(C) for provision of behavior health care; and

WHEREAS, this facility will maintain locally available mental health care services, increase residential capacity and fill a gap in the continuum of care for accessible crisis assessment, stabilization and treatment in the community.

NOW, THEREFORE, BE IT RESOLVED, That the Dakota County Board of Commissioners hereby approves the recommended schematic design for the Crisis and Recovery Center as presented; and

BE IT FURTHER RESOLVED, That the Dakota County Board of Commissioners hereby amends the 2023 Building Capital Improvement Program Budget as follows:

**Expense**

Crisis and Recovery Center	<u>\$ 5,371,000</u>
<b>Total Expense</b>	<b>\$ 5,371,000</b>

**Revenue**

Dakota County ARP Funding	(\$ 1,750,000)
MN State Bond Funding	\$ 6,371,000
Partner Contributions	\$ 750,000
<b>Total Revenue</b>	<b>\$ 5,371,000</b>

BE IT FURTHER RESOLVED, That the Dakota County Board of Commissioners hereby amends the 2023 Non-Departmental Budget as follows:

**Expense**

ARP Program Expense	(\$ 2,919,072)
<b>Total Expense</b>	<b>(\$ 2,919,072)</b>

**Revenue**

Dakota County ARP Funding	(\$ 2,919,072)
<b>Total Revenue</b>	<b>(\$ 2,919,072)</b>

**PREVIOUS BOARD ACTION**

21-389; 07/21/21  
22-095; 03/08/22  
22-254; 06/21/22  
22-306; 07/19/22

**ATTACHMENTS**

Attachment: Schematic Design  
Attachment: Financial Summary  
Attachment: Justification for Use of ARP Funds

**BOARD GOALS**

A Great Place to Live       A Healthy Environment  
 A Successful Place for Business and Jobs       Excellence in Public Service

**PUBLIC ENGAGEMENT LEVEL**

Inform and Listen       Discuss       Involve       N/A

**CONTACT**

Department Head: Taud Hoopingarner  
Author: Patricia Bremer



# Crisis and Recovery Center



January 10, 2023 Physical Development Committee of the Whole

RBA: Approval of Schematic Design for the Crisis and Recovery Center

Images developed and provided by Wold Architects and Engineers



Image 1 – Existing Site Aerial Image showing property that has been rezoned to R3

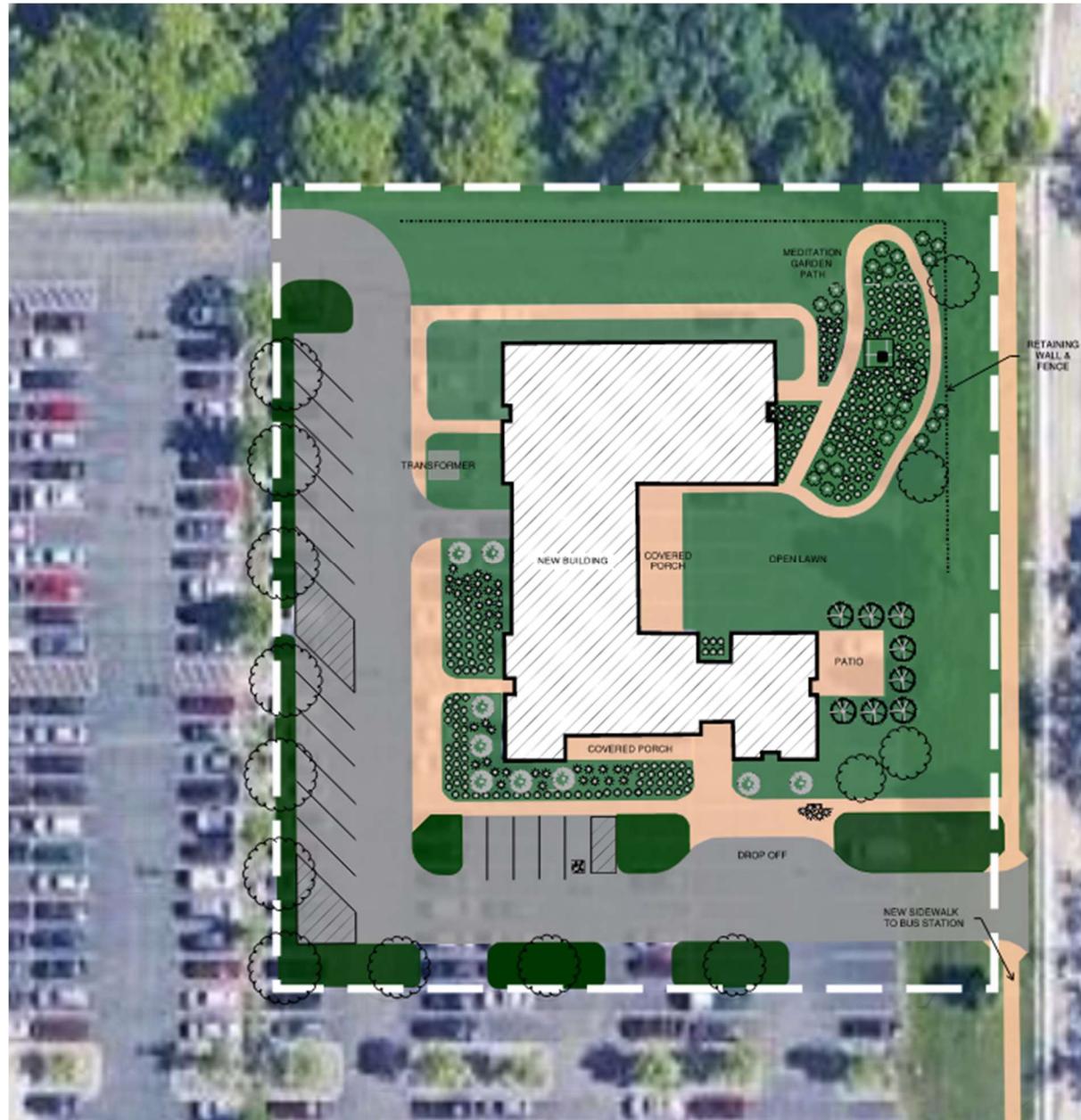


Image 2 – Proposed Site Plan



### LEGEND

- BEDROOMS
- BUILDING SUPPORT
- CIRCULATION
- OUTDOOR SPACE
- PROGRAM SPACE
- PTG
- STAFF/SUPPORT

Image 3 – Proposed Building Plan – Main Level



### LEGEND

- BEDROOMS
- BUILDING SUPPORT
- CIRCULATION
- OUTDOOR SPACE
- PROGRAM SPACE
- PTG
- STAFF/SUPPORT

Image 4 – Proposed Building Plan – Upper Level

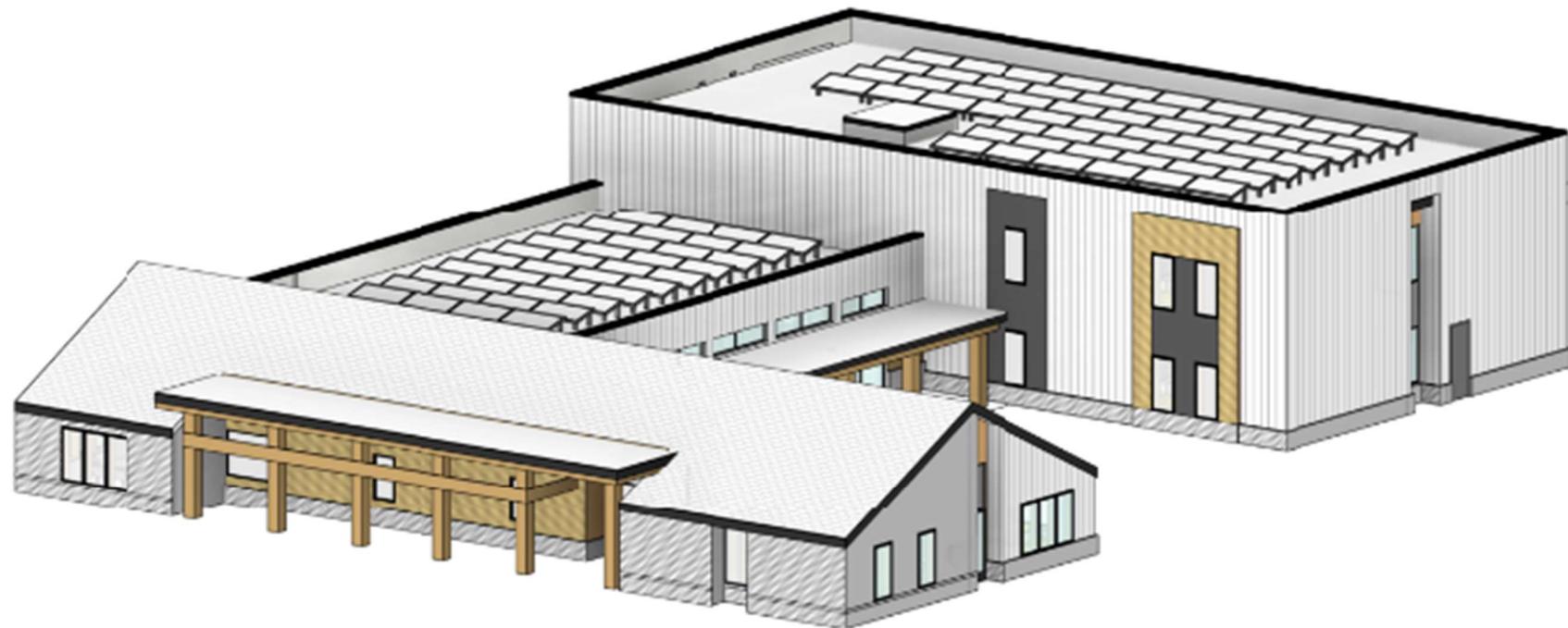


Image 5 – Exterior Massing Diagram – bird's eye view from southeast

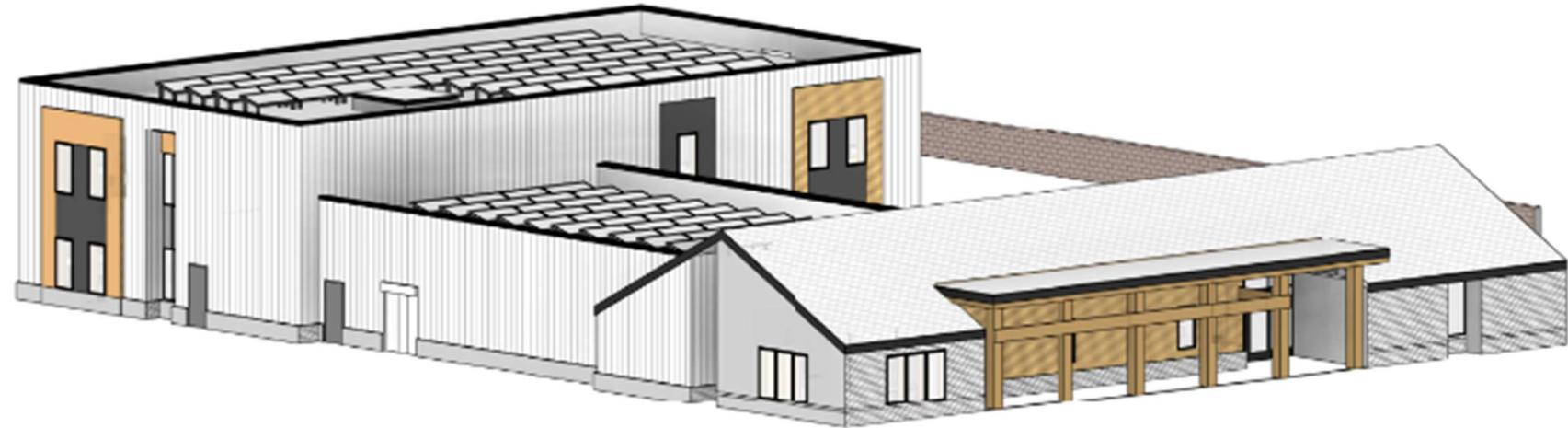


Image 6 – Exterior Massing Diagram – bird's eye view from southwest



Image 7 – Exterior Massing Diagram – bird's eye view from northeast

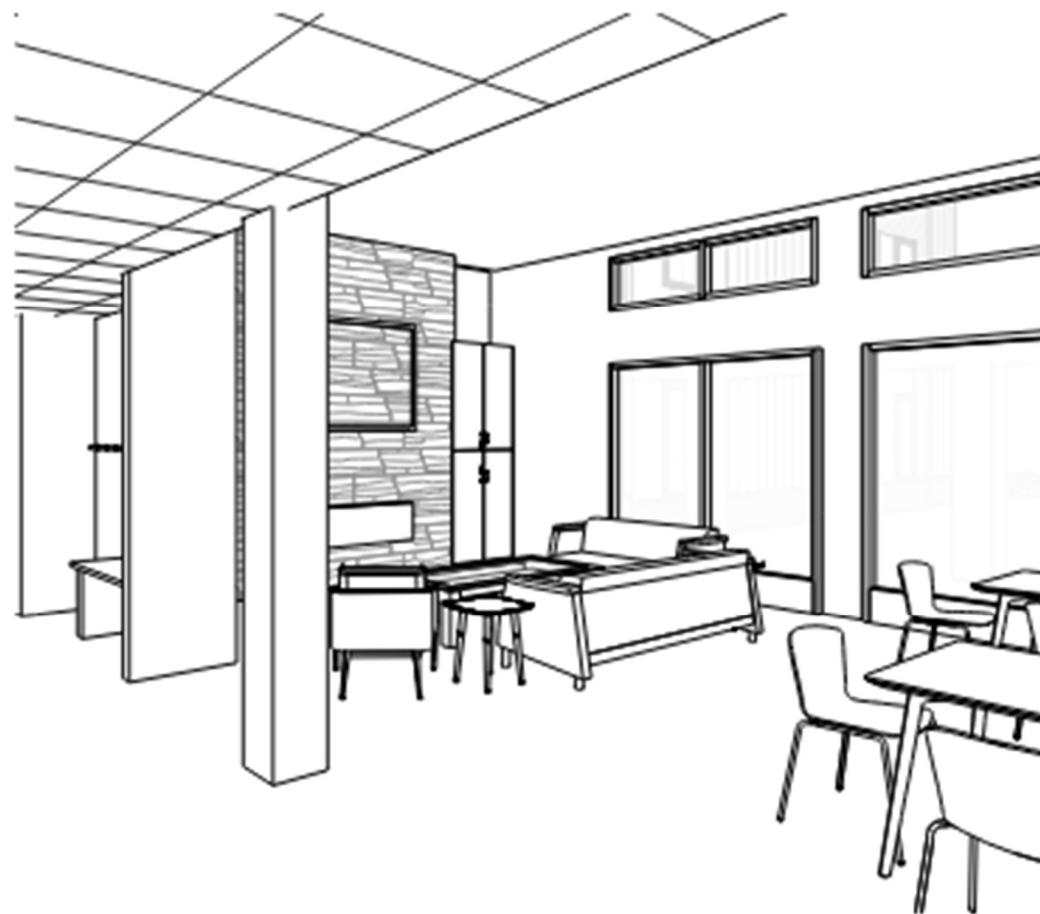


Image 8 – Interior Rendering of Living Room – view from main hallway

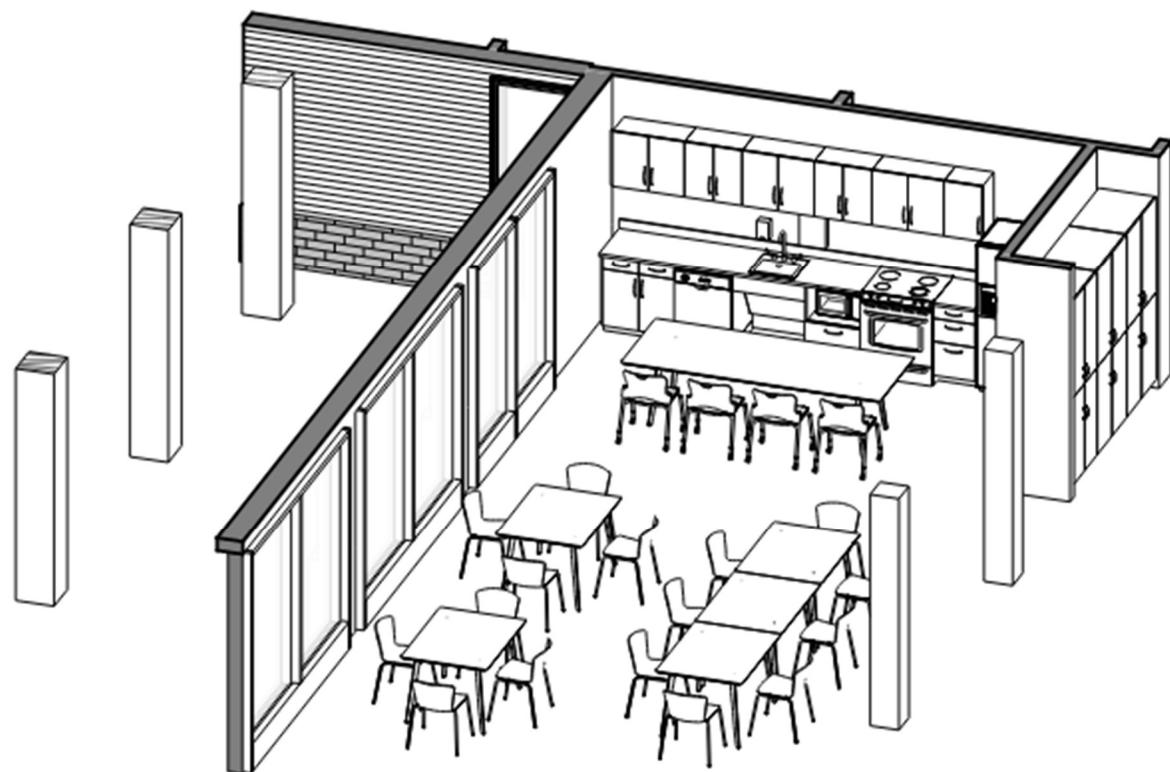


Image 9 – Interior Rendering of Dining Room and Training Kitchen

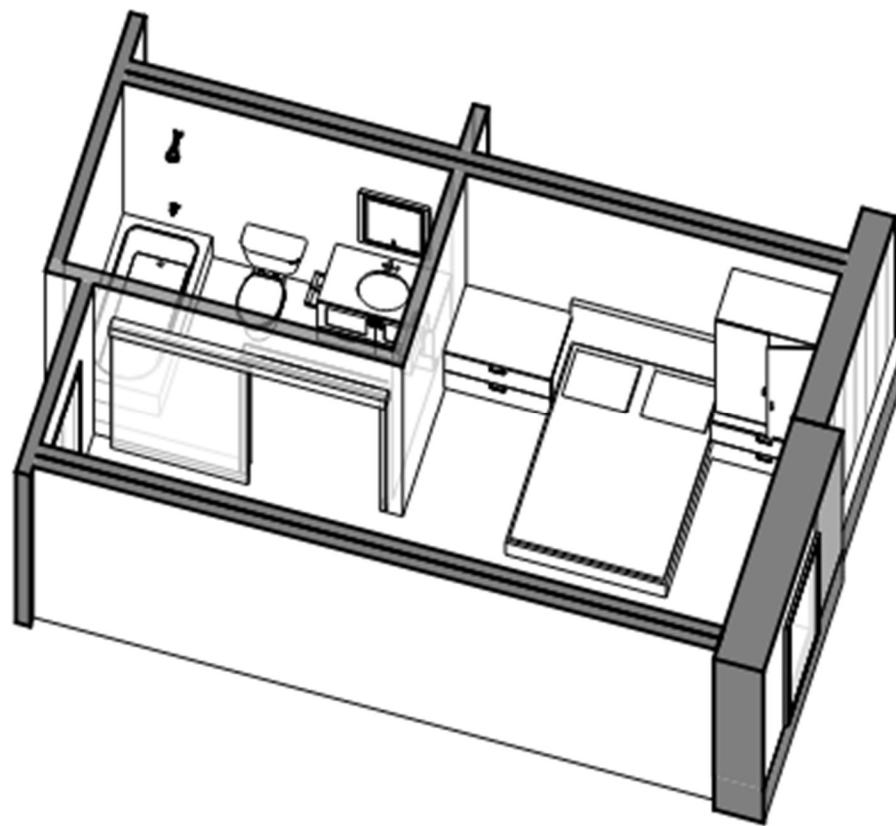


Image 10 – Interior Rendering of Typical Bedroom with Bathroom

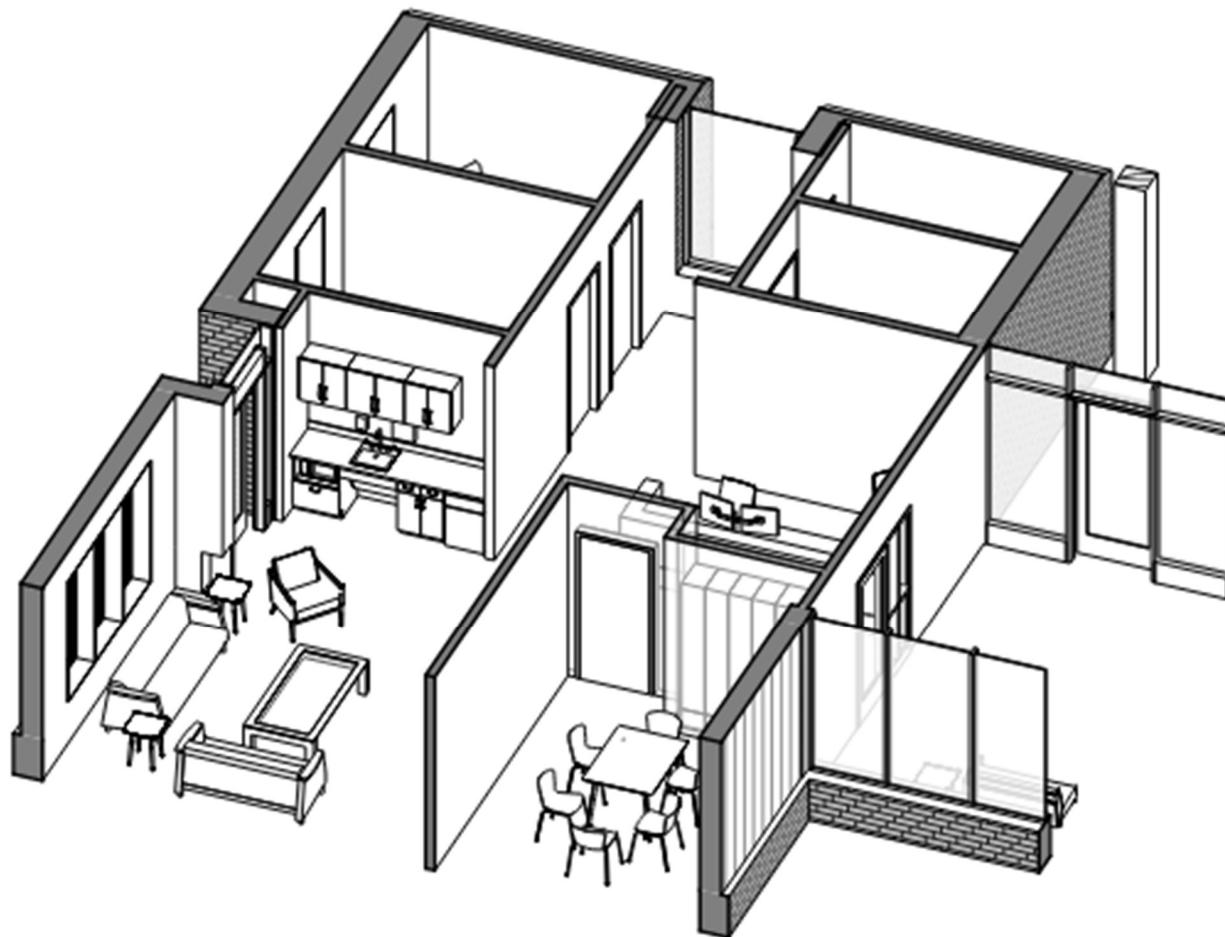


Image 11 – Interior Rendering of the Place To Go wing



Image 12 – Exterior Rendering - view from southeast

	DHS Grant Request	Predesign Estimate	Prelim SD Estimate	Refined SD Estimate
	08/04/21	06/14/22	11/15/22	12/20/22
Construction	\$6,693,100	\$7,100,000	\$13,500,000	\$11,000,000
Soft Costs	\$920,000	\$1,029,000	\$1,877,600	\$2,500,000
<b>Total</b>	<b>\$7,613,100</b>	<b>\$8,129,000</b>	<b>\$15,377,600</b>	<b>\$13,500,000</b>

Budget Summary

## Project B40002

Year	Expense Budget			Funding Sources Budget						Total Revised Project Funding
	Budget	Proposed RBA	Revised Budget	Current County's Share	Proposed RBA	Revised County's Share	Current Non-County Funding	Proposed RBA	Revised Non-County Funding	
Prior to 2023	-	-	-	-	-	-	-	-	-	-
2023 Plan	8,129,000	6,371,000	14,500,000	-	5,371,000	5,371,000	8,129,000	5,371,000	13,500,000	18,871,000
2024 Plan			-		-	-		-	-	-
2025 Plan			-		-	-		-	-	-
2026 Plan			-		-	-		-	-	-
2027 Plan			-		-	-		-	-	-
<i>Current CIP Total</i>	<i>8,129,000</i>	<i>6,371,000</i>	<i>14,500,000</i>		<i>5,371,000</i>	<i>5,371,000</i>	<i>8,129,000</i>	<i>5,371,000</i>	<i>13,500,000</i>	<i>18,871,000</i>
Costs Beyond Current CIP	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>8,129,000</b>	<b>6,371,000</b>	<b>14,500,000</b>		<b>5,371,000</b>	<b>5,371,000</b>	<b>8,129,000</b>	<b>5,371,000</b>	<b>13,500,000</b>	<b>18,871,000</b>



## Justification for the use of American Rescue Plan Funds

### *Construction of the Dakota County Behavioral Health Crisis & Recovery Center in West St. Paul, MN*

Final Rule, 31 CFR Part 35, Subp. A, Section 35.6 (b) permits capital expenditures for projects “responding to the public health emergency or its negative impacts.” The project qualifies under the expenditure category 1.12 - Mental Health Services in the Compliance and Reporting Guidance for ARPA pursuant to Final Rule, 31 CFR Part 35, Subp. A, Section 35.6 (b)(3)(C) for provision of behavior health care. Expenditure exceeds \$1 million requiring a written justification for the expenditure. Section 35.6 (b)(4) requires the following elements:

- (i) Describe the harm or need to be addressed;
- (ii) Explain why a capital expenditure is appropriate; and
- (iii) Compare the proposed capital expenditure to at least two alternative capital expenditure and demonstrate why the proposed capital expenditure is superior.

#### **Describe the harm or need to be addressed:**

The COVID-19 pandemic has increased isolation, loneliness, stress, and anxiety across the general population. Frequency and acuity of mental health symptoms has increased. The pandemic has highlighted gaps in the County and regional infrastructure for mental health evaluation, crisis stabilization and treatment. Regional hospitals are overwhelmed by requests for assessment and treatment. Furthermore, community-based residential crisis and treatment programs operated at reduced capacity during the pandemic due to outdated buildings that did not allow for physical distancing.

ARP funds will be used to construct a new facility to replace the existing, outdated 15-bed residential treatment setting and add space to expand the County-provided crisis assessment and stabilization services. These services will relieve pressure on hospital emergency rooms and provide more accessible and state of the art service options.

Dakota County uses the federal Substance Abuse and Mental Health Services (SAMHSA) best practice framework for designing an effective crisis continuum. Dakota County’s mental health crisis continuum provides 24/7 phone support, mobile response, crisis follow-up and crisis stabilization. The new facility will address growing needs and gaps in the “somewhere to go” part of the crisis continuum. The project will:

1. Maintain and improve locally available services
2. Provide the right care at the right time, i.e. prevent need for hospitalization and support people to transition from hospital level of care
3. Increase residential capacity, plus ability to maintain max capacity
4. Offer welcoming, accessible and trauma-informed space for assessment, support care and healing
5. Create more and better space for crisis assessment, stabilization, client/family meetings, and treatment.

**Explain why a capital expenditure is appropriate:**

Behavioral health care, including prevention, treatment, emergency or first-responder programs, harm reduction, supports for long-term recovery, and behavioral health facilities and equipment are an enumerated eligible use under Final Rule, 31 CFR Part 35, Subp. A, Section 35.6 (b)(3)(C).

Dakota County has a longstanding service partnership with Guild to provide crisis residential services (CRS) and intensive residential treatment services (IRTS) in Dakota County. Since 1983, these services have operated out of three adjacent homes, built in the late 1800s. The CRS and IRTS provided by Guild serve approximately 100 persons each year. For forty years, the community has made do with these less than adequate structures. However, under COVID restrictions the number of treatment beds were cut back due to the lack of dedicated individual sleeping and bathroom facilities. This further applied economic pressure on the way the facility was staffed. In short, COVID made it clear that the more than 100-year-old residences do not meet current and future community needs for accessible, trauma-informed spaces. Community-based CRS and IRTS play a critical role in reducing pressure on hospital-based acute care resources and allowing people to access care close to home.

Recognizing need for expanding services and providing modern facilities, Dakota County received an award of \$3.5 million in funds from the State of Minnesota through its Department of Human Services grants program. The grant award acknowledged the need for the facilities and programs and provided seed money to get this construction project going. Guild and other nonprofit services providers are reimbursed for the services they render, but those payments include barely enough funds for infrastructure maintenance. The payments provide nothing for capital facility replacement. The ARP funding will help defray the replacement of a facility they may have to eventually close if not substantially improved or replaced.

Also, the Crisis and Recovery Center design includes a welcoming space for people to access assessment, support and resources 24/7. This portion of the building will be staffed by Dakota County or Dakota County-contracted staff.

**Compare the proposed capital expenditure to at least two alternative capital expenditures and demonstrate why the proposed capital expenditure is superior:**

The Crisis and Recovery Center project, which is planned to break ground in the fall of 2023 on a portion of rezoned, county-owned property, has the support of local stakeholders. The facility has passed all local Planning Commission reviews and was unanimously passed by the local jurisdiction- the City of West St. Paul City Council. The 16-bed facility will replace an outdated facility that currently provides services to primarily county and surrounding metro area citizens.

The new facility will provide CRS (up to 10 days), IRTS (up to 90 days), and assessment services for people experiencing a mental health crisis. Mental health crises have increased in number and severity during the COVID pandemic and have drawn the spotlight on an underfunded pre-COVID need that is region wide. The new building will improve access to services for a community that is, on average lower income and more diverse, than the county and the state as a whole. The services the facility will offer will greatly benefit the residents of Dakota County and surrounding communities.

Based on the unique services it will provide and those that will be added to the existing continuum of mental health care, the new Dakota County mental health facility in West St. Paul exhibits more value to the broad community than other capital projects being considered by the county over the next five years. Specifically, this project has more community value/benefit potential than the following competing projects:

Household Hazardous Waste II (HHW II) is a second location for collecting and processing solid household waste in the county. Although HHW II includes important health, ecological, and broad positive impact on the community, it lacks the critical mental health aspects this project exhibits. Further, the HHW II project would expand existing programs while the mental health facility will replace some services while adding new and unique programs.

Law Enforcement Center Intake Renovations is a project which expands and reconfigures the vehicle sally port and intake booking areas at the County jail in Hastings. Although the Intake Renovation Project supports the safety aspects of the jail population and the staff that cares for them, it lacks the broad mental health treatment and public drop-in components of the Crisis and Recovery Center project.



# Physical Development Committee of the Whole

## Request for Board Action

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Item Number: DC-1582

Agenda #: 5.2

Meeting Date: 1/10/2023

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**DEPARTMENT:** Physical Development Administration

**FILE TYPE:** Regular Information

**TITLE**

**Update On Draft Lebanon Hills Sustainable Trails Study**

**PURPOSE/ACTION REQUESTED**

Receive an update on the Draft Lebanon Hills Sustainable Trails Study.

**SUMMARY**

By Resolution No. 15-156 (March 17, 2015), the Dakota County Board of Commissioners adopted an updated Master Plan (MP) for Lebanon Hills Regional Park (LHRP). By Resolution No. 201-458 (September 21, 2021), the Dakota County Board of Commissioners authorized staff to select a consultant to prepare a Sustainable Trails Study (Study); and by Resolution No. 22-204 (May 24, 2022), the Dakota County Board of Commissioners authorized the Physical Development Director to execute a contract with SRF, Inc., for the Study. The Study addresses the following trail topics: preservation of high-quality trail recreation and nature-based experiences; minimization and mitigation of impacts to natural resources; minimization and mitigation of impacts to culturally important sites; identification of trail use conflicts, safety, and risk concerns; ADA accessibility; reduction of trail-related erosion issues; identification of deferred trail maintenance needs; and improvement of sustainable maintenance practices.

The Study has been conducted in two phases: Phase 1: Assessment, which was presented to the Physical Development Committee of the whole on September 14, 2022, and Phase 2: Recommendations and Implementation Strategy, which was developed in fall 2022. Outreach with Wilderness in the City (WITC), Minnesota Off-Road Cyclists (MORC), and the School of Environmental Studies (SES) students occurred during both phases. During Phase 2, the project team led a sustainable trails workshop for SES high-school seniors on October 11. Meetings were held with MORC and WITC on November 3 and November 8 to discuss preliminary recommendations. A summary of comments and study changes is attached.

**Draft Study**

(Link:<https://www.co.dakota.mn.us/parks/About/ParkMasterPlans/Documents/LebanonHillsTrailAssessment.pdf>)

The draft Study report documents the assessment process and results and presents draft recommendations on future trail improvement projects, phasing, and cost estimates. The Study report also evaluates natural surface options for accessible trails.

Recommendations include:

West Segment

- Work with MORC to refurbish the skills course and prairie skills area, widen the existing green

trail for adaptive mountain bikes, and implement vegetation management to improve sight lines.

- Consider relocating skate ski trail loop to middle segment.
- Realign severely eroded hiking trails and perform maintenance on existing trails to remain.
- Remove buckthorn. Coordinate with natural resource staff to restore with native vegetation.

#### Middle Segment

- Conduct ADA-accessible trail feasibility and impact assessment and feasibility study for Wheaton Pond.
- Add hiking loop around Gerhardt Lake.
- Realign severely eroded hiking, cross-country skiing, and horseback riding trails.
- Consider relocating skate ski trail loop from west to middle segment. Trails in middle segment would be groomed for cross-country and skate skiing.
- Allow for shared use equestrian/hiking trails.
- Perform maintenance recommendations.

#### East Park

- Conduct accessible trail impact assessment and feasibility study for Holland, Jensen, and Schulze Lakes.
- Provide year-round hiking access from neighborhoods to reduce conflicts with ski trail use.
- Provide hiking and ski trail connections and allow general-use parking at the equestrian trailhead.
- Realign and/or decommission trails with severe erosion and redundant trails and restore with native vegetation.
- Perform maintenance recommendations.

#### Next Steps

The study will be used to establish priorities for future trail projects. Staff will return to the County Board for direction prior to initiating design development for new trail projects within LHRP. Community engagement will occur along with design development.

#### **RECOMMENDATION**

Information only; no action requested

#### **EXPLANATION OF FISCAL/FTE IMPACTS**

Estimated Dakota County costs are \$2.5-\$3.0 million for existing trail network improvements if implemented over the next three to five years. Cost will be refined with future feasibility and design studies. The County Board will determine implementation priorities and funding levels during the annual Parks Capital Improvement Program Budget Process. The draft 2023-2027 CIP programs

\$2.9 million for Lebanon Hills Regional Park trail improvements.

None       Current budget       Other  
 Amendment Requested       New FTE(s) requested

## RESOLUTION

Information only; no action requested.

## PREVIOUS BOARD ACTION

15-156; 3/17/15

21-458; 9/21/21

22-204; 5/17/22

## ATTACHMENTS

Attachment: Stakeholder Comments and Study Changes

## BOARD GOALS

A Great Place to Live       A Healthy Environment  
 A Successful Place for Business and Jobs       Excellence in Public Service

## PUBLIC ENGAGEMENT LEVEL

Inform and Listen       Discuss       Involve       N/A

## CONTACT

Department Head: Erin Stowra

Author: Lillian Leatham

**Lebanon Hills Sustainable Trails Study****Summary: Stakeholder Comments and Study Changes**

The Lebanon Hills Sustainable Trails Study met with Wilderness in the City (WITC) and Minnesota Off-Road Cyclists (MORC) in November 2022 to review and discuss preliminary study recommendations. The two groups provided several comments and suggestions which were considered in refining recommendations included in the Draft Lebanon Hills Sustainable Study. The table below summarizes the comments made and how the study addresses each comment.

Comment	Study Changes
Is the Parks Department still considering providing adaptive wheelchairs in Lebanon Hills Regional Park?	<p><b>Page 35 and page 44</b> Recommendation to consider providing adaptive mountain bikes and all terrain mobility devices added.</p>
Would combined skate ski and classic ski trails recommended for the middle section be wider than the current classic ski trails?	<p>Page 40 Increase in trail width from 10'-12' to 12'-14' is needed to accommodate combined skate and classic skiing. This change would only occur in the middle section of the park, where combined skate and classic skiing are recommended (pending additional stakeholder engagement).</p>
The study should identify clear options for hiking loops of varying distances from the trailheads.	<p><b>No change.</b> A variety of hiking loop lengths and options for distances are provided from all park trailheads.</p>
<p>The study has not gone far enough to see the park through a habitat lens. WITC members expressed desire for:</p> <ul style="list-style-type: none"> <li>• Identification of preserve areas without trails and managed for natural resources</li> <li>• Reduce trail mileage in the middle and east sections of the park by 10% -15%</li> <li>• Reduce overall mileage with more shared use trails</li> </ul>	<p><b>Minor change.</b> Study recommendations minimize new trails in high quality natural areas within the park (Natural Resource Categories A &amp; B) while providing high quality trail-based recreation for hiking, horseback riding, cross country skiing, and mountain biking.</p> <p>Recommendation for trail south of Buck Pond in sensitive habitat area to be decommissioned added.</p> <p>Study recommendations will result in approximately the same trail mileage as currently exists within the park.</p>
There is no need for additional lake loop trails.	<p><b>No change.</b> Lake loops proposed are consistent with the 2015 master plan.</p>
WITC does not support the recommendation for conversion of the existing driveway on the east side of Holland Lake to a trail. They do support a short spur trail along the drive connecting the summer hiking/winter ski trails to an overlook location above southeast side of Holland Lake.	<p><b>No change.</b> The Holland Lake hiking trail, utilizing the former drive, is consistent with the 2015 Master Plan. Implementation is dependent on community engagement and a feasibility and impact study recommended for Phase I.</p>

Concerns about the ecological impact of accessible and wider trails.	<b>No change.</b> Implementation Phase I impact and feasibility studies will study and assess accessibility improvement impacts.
Request that the Study include a strong recommendation that salt and sand not be used in proximity to water.	<b>Page 33.</b> Recommendation to minimize salt and sand in proximity to wetlands added.
Desire for the Study to provide a recommendation for trail surfaces.	<b>Page 55.</b> The Study evaluates the pros and cons of surfaces and recommends aggregate surface for recommended Wheaton Pond and Schultz Lake ADA trails.
Concern about the general erosion and chronic failure of crushed limestone and asked that study explore techniques recommended in the 2006 MnDNR Trail Planning, Design, and Development Guidelines.	<b>No change.</b> Recommendations are consistent to with techniques identified in the 2006 MnDNR Trail Planning, Design, and Development Guidelines.
Concerns that the cross-country ski trail network will be shorter and not as challenging and that there may be conflicts between classic and skate skiers on shared trails.	<b>No change.</b> Cross country ski network design will be refined, along with additional stakeholder input, in implementation Phase I.  Shared classic and skate cross country ski trails are common in cross country ski networks within the regional park system and throughout the state.
Trail from the Visitor Center to the A-Frame should not be recommended for decommissioning, it is a very popular route and is also the portage trail between Schulze Lake and Portage Lake.	<b>Pages 49,50.</b> Recommendation changed; trail segment is not recommended for decommissioning.
There needs to be more discussion about the impacts of widening the boardwalks around Jensen Lake from 4'-6'.	<b>No change.</b> More study and discussion will occur in implementation Phase I. The rationale for widening the boardwalks to 6' includes: quicker and safer emergency medical access, easier maintenance access, reduction in informal trail widening because people step off the narrow boardwalks.
Concerns were raised about segments of shared hiking/equestrian trails. Specific concerns were raised around mixing horseback riding and dog walking.	<b>No change.</b> Some segments of shared hiking and equestrian trails are consistent with the 2015 Master Plan. The primary horseback riding loop in the east segment of the park remains horseback riding only.
Bike racks should be installed at the Holland Lake Trailhead now that there is a trail along Cliff Road.	<b>Page 46.</b> Recommendation for bike racks at Holland Lake and visitor center added.
New trail recommendations for Camp Sacajawea should not be included in the Study because the future of use of the area may change.	<b>Pages 41-43.</b> Camp Sacajawea trail expansion concept removed from Study recommendations. Trail improvements may be considered in the future along with Camp Sacajawea improvements.

WITC members are not supportive of a new campground office/trailhead building at the campground.	<b>No change.</b> New campground office/trailhead is consistent with 2015 Master Plan. Timing for implementation is not addressed as part of Study.
WITC members requested that a strategy for buckthorn removal and revegetation be developed prior to any expansion of mountain bike trails. MORC members expressed that buckthorn removal seems like a good objective but would rather not tie the removal planning to further trail development. MORC members expressed that oak wilt is another item that should be addressed in the west segment.	<b>Page 56.</b> Recommendation added for implementation Phase I to develop a natural resource restoration and buckthorn removal strategy in the west and middle segments.
There is a desire to expand and refresh the mountain bike trails.	<b>Page 58.</b> Implementation Phase III recommendations include coordinating with MORC on potential mountain bike trail expansion.
The green loop mountain bike trail will require refurbishment to bring it back to an adaptive loop. New, wider, less technical/hilly trail could be created in the middle section to use for adaptive use.	<b>Page 56.</b> Implementation Phase I recommends re-establishing green mountain bike loop as an adaptive mountain bike trail.  Expanding mountain biking trails to the middle park is not consistent with the 2015 Master Plan and not a Study recommendation.
The recommended reduction ski and hiking trail crossings for the mountain bike trail will be a big help. The recommended west section hiking trail should be designed to accommodate UTV (side-by-side) access for emergency services.	<b>No change.</b>
Mountain bike improvements are suggested for 2025 and some of the recommendations could happen sooner. The skills course specifically is in dire need of repair/replacement as many features have broken. Refurbishing the green loop widening could be tackled soon. Larger segments of new trail will need more time for planning.	<b>Pages 56-58.</b> Phasing refined to include skills course refurbishment, green adaptive loop, and prairie area in implementation Phase II (2024) and expansion in implementation Phase III (2027).



# Physical Development Committee of the Whole

## Request for Board Action

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**Item Number:** DC-1691

**Agenda #:** 5.3

**Meeting Date:** 1/10/2023

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**DEPARTMENT:** Physical Development Administration

**FILE TYPE:** Regular Information

### **TITLE**

#### **Update On Miesville Ravine Park Reserve Plan**

### **PURPOSE/ACTION REQUESTED**

Receive an update and provide feedback on Phase 1: Research and Vision for the Miesville Ravine Park Reserve Plan (MRPR Plan).

### **SUMMARY**

An update to the 2005 Miesville Ravine Park Reserve Plan is needed to reflect system-wide planning efforts and to ensure that future investment responds to community and environmental needs. The Plan will include a long-range vision for the park and a 10-year plan to guide future decisions about park activities, capital investment, and natural and cultural resource stewardship. The planning process is being coordinated with the development of the park's first Natural Resource Management Plan and a Traditional Cultural Properties Survey conducted by the Upper Sioux Community Tribal Historic Preservation Office.

The Miesville Ravine Park Reserve planning process is occurring in four phases during 2022-2023: 1) Research and Vision (summer-winter 2022); 2) Park Concepts (winter-spring 2023); 3) Plan Development (summer-fall 2023); and 4) Approvals (fall-winter 2023).

The first phase of the project, Research and Vision, is complete (see Attachment: Research and Vision). This phase included inventory and analysis of existing recreation activities, natural and cultural assets, community demographics, and current recreation trends. Community engagement included stakeholder meetings, an online story map, and online input. The Dakota County Planning Commission discussed the Research and Vision summary on December 15, 2022.

Key findings from the Research and Vision phase include:

- Today, many Dakota County residents are unaware of MRPR and its offerings.
- MRPR's high-quality ecological systems, rugged ravine landscape, and Trout Brook are standout features. There is a strong desire to enhance and protect the park's natural features.
- The ecological health of the park's landscape and the water quality of Trout Brook and the Cannon River are influenced by the agricultural landscape beyond the park boundary.
- The park encompasses over a mile of Cannon River frontage with limited river-oriented facilities and information.
- MRPR contains traditional cultural properties, including burials, that are important in

maintaining the cultural identity of the Dakota people. The park also has a Euro-American farming history.

- With less than five percent of the park open for public recreation, there is a strong desire to improve visitor access without compromising the park's cultural and natural features.
- There is a wealth of recreation opportunities in the Cannon River Valley. There is an opportunity for MRPR's offerings to complement other destinations as part of a day or weekend trip to the area without having to provide all desired recreational amenities and experiences.

#### Next Steps :

A draft Vision and Guiding Principles has been prepared for County Board consideration. The Vision and Guiding Principles will provide a framework for the development of park concepts and natural and cultural resource strategies. Draft concepts and strategies will be presented to the County Board prior to engaging with the community in spring 2023.

#### RECOMMENDATION

Information only; no action requested.

#### EXPLANATION OF FISCAL/FTE IMPACTS

<input checked="" type="checkbox"/> None	<input type="checkbox"/> Current budget	<input type="checkbox"/> Other
<input type="checkbox"/> Amendment Requested		<input type="checkbox"/> New FTE(s) requested

#### RESOLUTION

Information only; no action requested.

#### PREVIOUS BOARD ACTION

None.

#### ATTACHMENTS

Attachment: Research and Vision

#### BOARD GOALS

<input checked="" type="checkbox"/> A Great Place to Live	<input checked="" type="checkbox"/> A Healthy Environment
<input type="checkbox"/> A Successful Place for Business and Jobs	<input type="checkbox"/> Excellence in Public Service

#### PUBLIC ENGAGEMENT LEVEL

<input type="checkbox"/> Inform and Listen	<input type="checkbox"/> Discuss	<input checked="" type="checkbox"/> Involve	<input type="checkbox"/> N/A
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#### CONTACT

Department Head: Erin Stwora  
Author: Lillian Leatham

# Miesville Ravine Park Reserve Plan

Inventory and Analysis Report

Dakota County, Minnesota  
DRAFT December 2022



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# INTRODUCTION

## PROJECT PURPOSE

### A NEW PLAN FOR MIESVILLE RAVINE PARK RESERVE

The purpose of this planning process is to update the long-range vision for the park reserve and to guide improvements for the next ten or more years. This update to the 2005 Miesville Ravine Park Reserve Plan will ensure that desired improvements and future investments are grounded in responsible stewardship of the land and informed by the people seeking outdoor recreation along the Cannon River Valley.

#### THE GOALS OF THIS MASTER PLAN ARE:

- Create a visionary and strategic document.
- Review the current state of Miesville Ravine Park Reserve.
- Address changes that have occurred since the 2005 Master Plan (new trends and demographics, restoration of agricultural lands to tallgrass prairie).
- Incorporate direction from the 2008 Parks System Plan and 2017 Visitor Services Plan.
- Represent current community and outdoor recreational users values, needs, and desires.
- Work in tandem with the Natural Resources Management Plan being developed alongside this document to make informed and ecologically sound decisions regarding future programming and potential development.
- Address recreation, interpretation, and natural resource management in an integrated process.
- Guide future investment in the park reserve.
- Meet Metropolitan Council requirements.

## OVERVIEW

Miesville Ravine is a Park Reserve located in the southeast corner of Dakota County, just east of Lake Byllesby Regional park and adjacent to the Wild and Scenic Cannon River. The nearby cities of Cannon Falls and Red Wing offer additional attractions for those looking to supplement the outdoor recreation experiences provided within the park reserve.

Accessible by road and by water, and near, but not directly connected to the Cannon Valley Trail, Miesville Ravine Park Reserve holds great potential as a destination for outdoor recreation in the Cannon River Valley. The park reserve offers two miles of hiking trails, fishing along Trout Brook, picnic shelters, restrooms, water access to the Cannon River, and a fire ring. Its captivating and rugged landscape is remote and immersive, offering scenic views, tall bluffs, winding ravines, wildlife, and more than 1,600 acres of wetlands, prairies, and forests to explore.



Bridge across Trout Brook

## THE DAKOTA COUNTY PARKS MISSION

"To enrich lives by providing high-quality recreation and education opportunities in harmony with natural resource preservation and stewardship."

Dakota County's parks tradition emphasizes protection of large tracts of high-quality resource lands and providing nature-based recreation and outdoor education.



*Wildlife observation at the park reserve*



*Naturalists at Miesville Ravine*

## ROLE IN THE REGION

Miesville Ravine Park Reserve is part of the Metropolitan Regional Park System. It was included as part of the regional system due to its size and outstanding ecological significance in the region. Dakota County is a regional park implementing agency governed by the Metropolitan Council. Together, both agencies strive to address the following directives from the 2040 Regional Parks Policy Plan:

- Expand the Regional Parks System to conserve, maintain, and connect natural resources identified as being of high quality or having regional importance, as identified in the 2040 Regional Parks Policy Plan.
- Provide a comprehensive regional park and trail system that preserves high-quality natural resources, increases climate resilience, fosters healthy outcomes, connects communities, and enhances quality of life in the region.
- Promote expanded multi-modal access to regional parks, regional trails, and the transit network, where appropriate.
- Strengthen equitable usage of regional parks and trails by all our region's residents, across age, race, ethnicity, income, national origin, and ability.

Within the Dakota County Parks System, Miesville Ravine Park Reserve provides the following unique qualities:

- Its location in the far southeastern part of Dakota County and the metro area serves rural residents with convenient access.
- The 200-foot deep ravine, tall bluffs, and hundreds of acres of restored prairie provide strikingly beautiful scenery that is emblematic of southeastern Minnesota bluff country.
- Spring-fed Trout Brook flows through the park reserve and into the Cannon River. This rarity within the metro (a designated trout stream by the Minnesota Department of Natural Resources) offers Dakota County residents some of the closest trout fishing available.
- Proximity to the Cannon Valley Trail and future Mill Towns State Trail offer a possibility to directly connect park reserve visitors to additional recreational destinations along the Cannon River Valley.
- Proximity to Lake Byllesby Regional Park, a 620-acre park that features a reservoir formed by a hydropower dam offers complementary outdoor recreation to the region's visitors. This regional park is a popular spot for hiking, boating, swimming, and camping, among other things.
- The park reserve provides access to the Cannon River and boasts a mile-long shoreline along this designated wild and scenic river corridor.
- The park reserve has more than a thousand acres of largely untouched habitat to explore and is home to abundant wildlife.

# PLANNING CONTEXT

## PREVIOUS MASTER PLANS

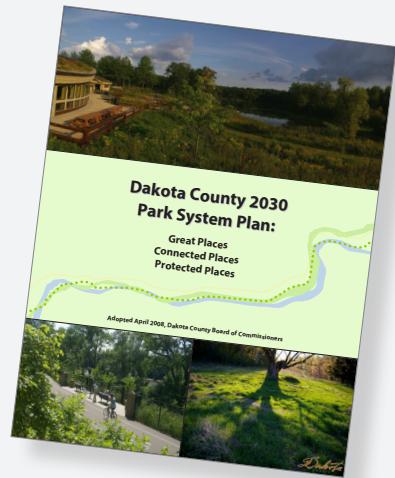
Dakota County staff and the design team carefully studied and pulled from past planning efforts to compile information and create a plan that fits cohesively into Miesville Ravine Park Reserve's role regionally and within the Dakota County Parks and Greenways system.

### DAKOTA COUNTY PARK SYSTEM PLAN

As part of its 2030 Comprehensive Plan update, the Dakota County Park System Plan was approved in 2008.

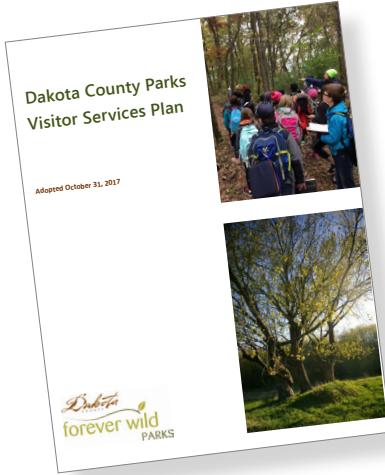
The vision for the park system strives for:

- **Great Places:** Enhance Dakota County's parks by ensuring that they include the basic popular amenities that the public expects as well as innovative, thought-provoking, or singular activities that relate to each park as a unique place.
- **Connected Places:** Establish a county-wide network of city and regional greenways for recreation, transportation, habitat, and water quality.
- **Protected Places:** Strategically protect resource areas to preserve natural processes and system function.



Miesville is defined as a Park Reserve in the Dakota County system. Other park facilities include: regional parks, county parks, and regional trails or greenways. Initiatives from the Dakota County Park System Plan related to Miesville include:

- Offer more options for year-round recreation to promote visitorship in every season.
- Introduce new recreation and programming within the park reserve that is sustainably and thoughtfully designed to work with the landscape.
- Implement educational and interpretive features that teach guests about Miesville Ravine Park Reserve's ecological importance, its ongoing restoration efforts, and encourage visitors to be stewards of the land.
- Co-manage natural and interpretive systems with local tribes and provide interpretation to celebrate and honor the park reserve's Native American history.
- Expand trail connections, both within the park reserve's borders and outside of it. Create more internal access for guests, and take advantage of potential links to the broader county-wide trails and greenway system by connecting to nearby State and Regional Trails.
- Prioritize continued restoration efforts and ecological health.
- Work with private landowners to acquire land for future park use and create better access to Miesville Ravine Park Reserve.
- Go above and beyond the required ADA standards to welcome guests with both mental and physical disabilities.

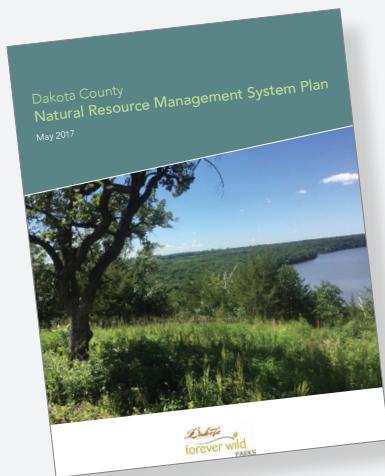


## 2017 DAKOTA COUNTY PARK VISITOR SERVICES PLAN

The plan is a 10-year strategic vision plan as well as a five- year business and implementation plan to improve park visitor services. The service areas addressed include:

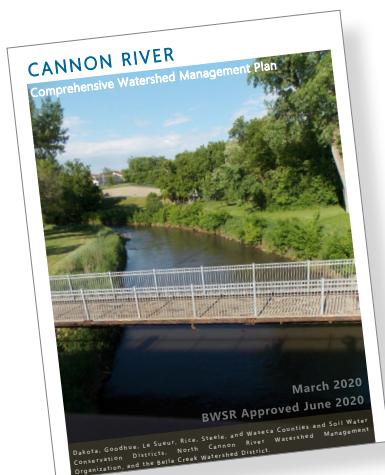
- Awareness and marketing
- Events and food
- Outdoor Education
- Facility and equipment rentals
- Customer service
- Volunteerism

The vision for visitor services is to "ensure the visitor experience is meaningful and relevant to more people through quality nature-based environmental, recreation and cultural education opportunities that inspire understanding, awareness and stewardship."



## DAKOTA COUNTY COUNTY-WIDE NATURAL RESOURCE MANAGEMENT PLAN (2017)

The Natural Resource Management System Plan guides system-wide natural resources management of Dakota County parks, conservation easements, and greenways for the next 20 years. The plan provides systemwide context for the natural resources of Miesville Ravine Park Reserve and for the specific Natural Resource Management Plan for the park reserve.



## CANNON RIVER WILD & SCENIC RIVER DESIGNATION

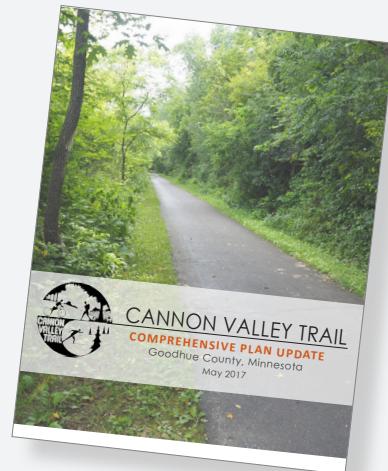
The Cannon River was designated as a Wild and Scenic River in 1980, because it is "free of impoundments and contain[s] largely undeveloped shorelines." It is one of six in Minnesota. Miesville Ravine Park Reserve's boundary borders the river and features one mile of shoreline with a public water access site. The Cannon River is also a State Water Trail extending more than 80 river miles from Waterville to Red Wing.

The following factors apply to Wild and Scenic River Designations:

- Being designated a Wild and Scenic River does not restrict boating access. Motorized and nonmotorized watercraft are allowed on the Cannon River, as well as tubing and swimming. Hunting and fishing are regulated under state laws.
- Designation neither prohibits development nor gives the federal government control over private property.
- Recreation, agricultural practices, residential development, and other uses may continue.
- Protection of the river is provided through voluntary stewardship by landowners and river users and through regulation and programs of federal, state, local, or tribal governments.

## THE CANNON VALLEY TRAIL 2017 COMPREHENSIVE PLAN

The Cannon Valley Trail is a paved, multi-use, regional trail managed by a Joint Powers Board made up of representatives from Goodhue County, the City of Cannon Falls, and local citizens. The Cannon Valley Trail 2017 Comprehensive Plan Update was adopted by the Cannon Valley Trail Joint Powers Board on May 23, 2017. The trail is almost twenty miles long and connects the cities of Red Wing, Welch Village, and Cannon Falls. Open year round, the trail hosts more than 100,000 cyclists, inline skaters, skateboarders, walkers, hikers, and cross country skiers annually. Trail users over 18 must have a valid Wheel Pass between April and November or a Great Minnesota Ski Pass for cross-country skiing. The Cannon Valley Trail is located just 1/4 mile south of Miesville Ravine's border, across the Cannon River.



## 2019 LAKE BYLLESBY REGIONAL PARK MASTER PLAN

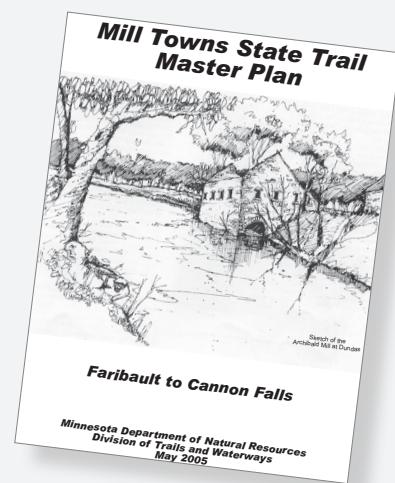
In 2019, Dakota County updated the 2005 Lake Byllesby Regional Park Master Plan and created a new Natural Resource Management Plan for the park. The plan emphasizes water recreation on both the lake and Cannon River, and expands related amenities like camping, picnicking, play areas and the trail network. Plans for the undeveloped western portion of the park will offer more passive, nature-based outdoor recreation, while the park's eastern portion remains a hub of activity.

The plan leveraged the newly constructed Mill Towns Trail bridge to seamlessly connect the park to Goodhue County's Byllesby Park on the south side of the reservoir, and to the broader Cannon River Valley.



## 2005 MILL TOWNS STATE TRAIL MASTER PLAN

The Mill Towns State Trail is a legislatively authorized state trail, managed and planned by the MnDNR. The most recent master plan for the trail was completed in 2005 and identifies alignment options from Faribault to Cannon Falls. Portions of the trail have been constructed, but the full trail will not be realized for years to come. The 2005 Mill Towns State Trail Master Plan identifies plans for trailheads in both the west and east portions of Lake Byllesby Regional Park, located just nine miles upstream from Miesville Ravine Park Reserve. If, in the future, the park reserve is able to connect directly to the Cannon Valley Trail, Mill Towns State Trail users will also have access to Miesville Ravine Park Reserve.





## 2005 MIESVILLE RAVINE PARK RESERVE MASTER PLAN

In 2005, Dakota County updated the master plan for Miesville Ravine Park Reserve. The master plan provided a vision for the future of the park reserve that included the following:

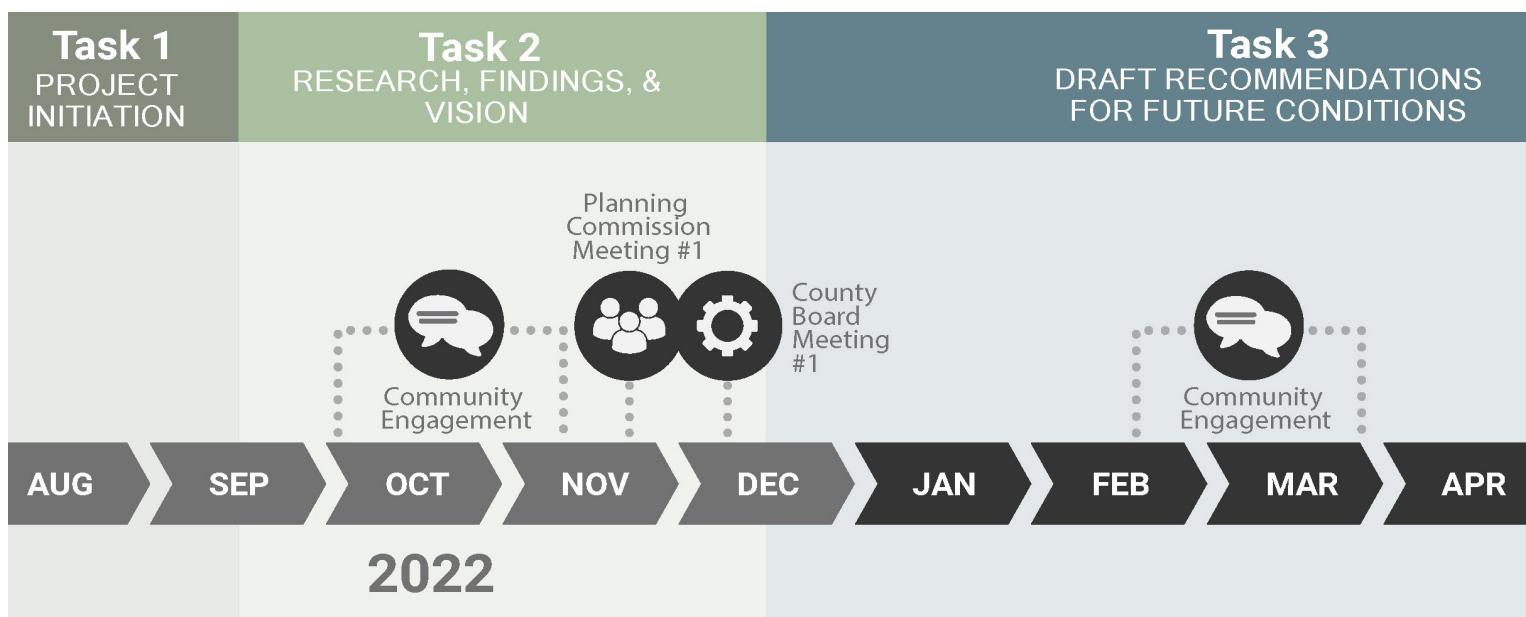
- Themes and Future Facilities: Wilderness Park — Miesville Ravine will continue to have a minimal human footprint with rustic visitor facilities.
- The park reserve is about open and protected views, preserving the highest quality resources in the park system, river and stream activities, and wilderness experiences (hiking, picnicking, primitive camping).
- Activity centers include a loosely connected complex with the main trailhead, picnic grounds, rustic stone shelters, and the Cannon River access area.
- Planned improvements include enhancement to the current main trailhead, a new trailhead in the uplands, potential Cannon River event grounds on the eastern edge of the park (not acquired), and a bicycle bridge link to the Cannon Valley Trail in Goodhue County.

This plan strives to learn from the past research and planning within the 2005 Master Plan document and provide updates based on current research, trends, restoration efforts, relationships with private and public partners, and demographic needs to put Miesville Ravine Park Reserve on the map as a regional destination in southeastern Minnesota.

## MASTER PLANNING PROCESS OVERVIEW

In conjunction with development of an update to the 2005 Miesville Ravine Park Reserve Master Plan, Dakota County worked with EOR, Inc. to create a new Natural Resource Management Plan for the park reserve. The County hired a park planning consultant, Hoisington Koegler Group, Inc. along with cultural resource consultants 106 Group, who worked closely with county staff, stakeholders, tribal representatives, and the public to develop the plan.

### PROJECT TIMELINE:



## THE GOALS OF THE PLANNING PROCESS:

- **Cultural Interpretation Planning:** Dakota County is actively planning cultural resource interpretation programs and displays at several of their parks, greenways, and other facilities. Miesville Ravine Park Reserve has a rich history and a number of places of significance within the landscape that merit respect and can be honored through stewardship and interpretation. Interpretation can take on many forms, including audio, tours, special events, educational classes, signs, sculpture, designed landscapes, interactive exhibits, and more. This planning process includes an in-depth look at possibilities for interpretation.
- **Natural Resources Planning:** A separate, but coordinated, effort with this master plan document is the Miesville Ravine Park Reserve Natural Resource Management Plan (NRMP). The NRMP was developed using a detailed inventory of existing natural resources conditions. The inventory and analysis from the NRMP were used to inform the recreation and future programming concepts for the plan. The NRMP serves as a companion to this plan and provides specific strategies, priorities, and cost estimates for how to manage and improve the natural resources at Miesville Ravine Park Reserve for the next 10 years.
- **Engage with the Dakota County Board, Planning Commission, staff, and public.**

## PROJECT PROCESS:

### Task 1: Project Initiation

The project team collected and organized background information, toured the park reserve with staff, and discussed issues and opportunities.

### Task 2: Research, Findings, and Vision

The research, findings, and vision phase consisted of the creation of a project website where background data and analysis was compiled and made public to help existing and potential users learn about Miesville Ravine Park Reserve and talk about the project process. Online community engagement activities were launched to gather input on issues and opportunities. The Inventory and analysis report was created to capture what was learned.

### Task 3: Draft Recommendations for Future Conditions

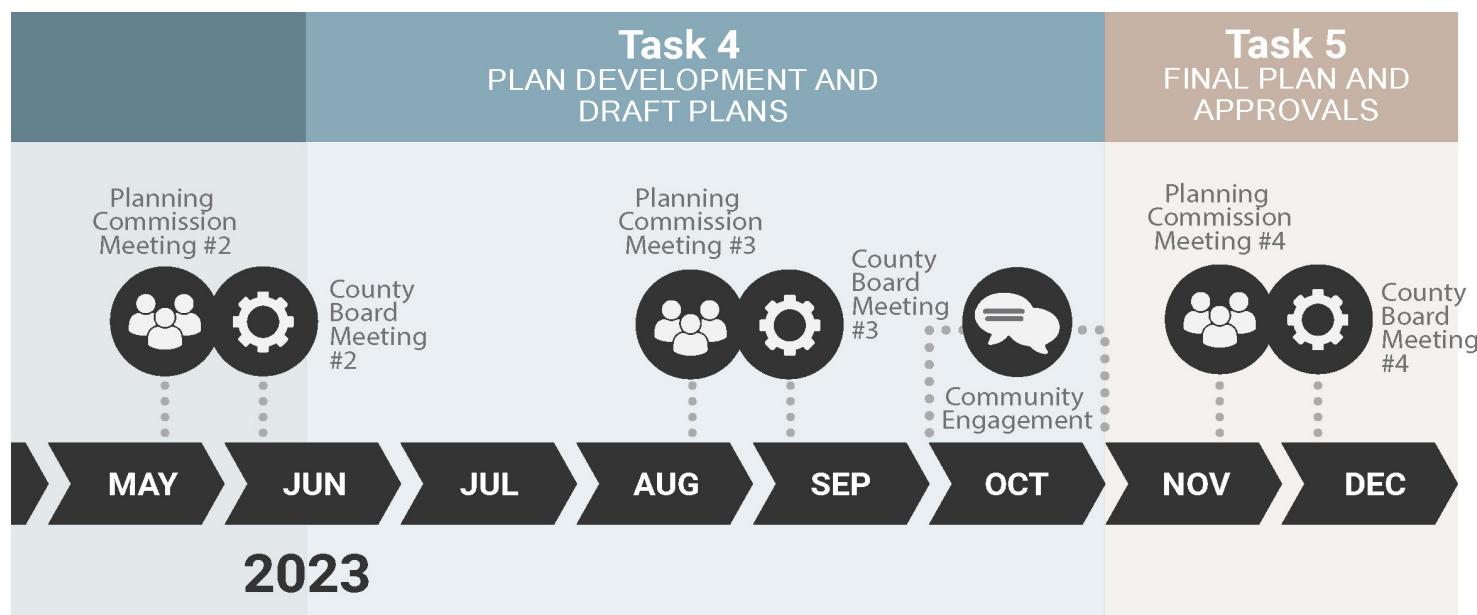
This phase, in which potential development concepts for the park reserve are explored, allows the project team to test ideas and make recommendations for the future. Community engagement activities seek input from the public on potential concepts to help aid in the development of a preferred concept. Meetings will be held with project groups to review and refine concept ideas.

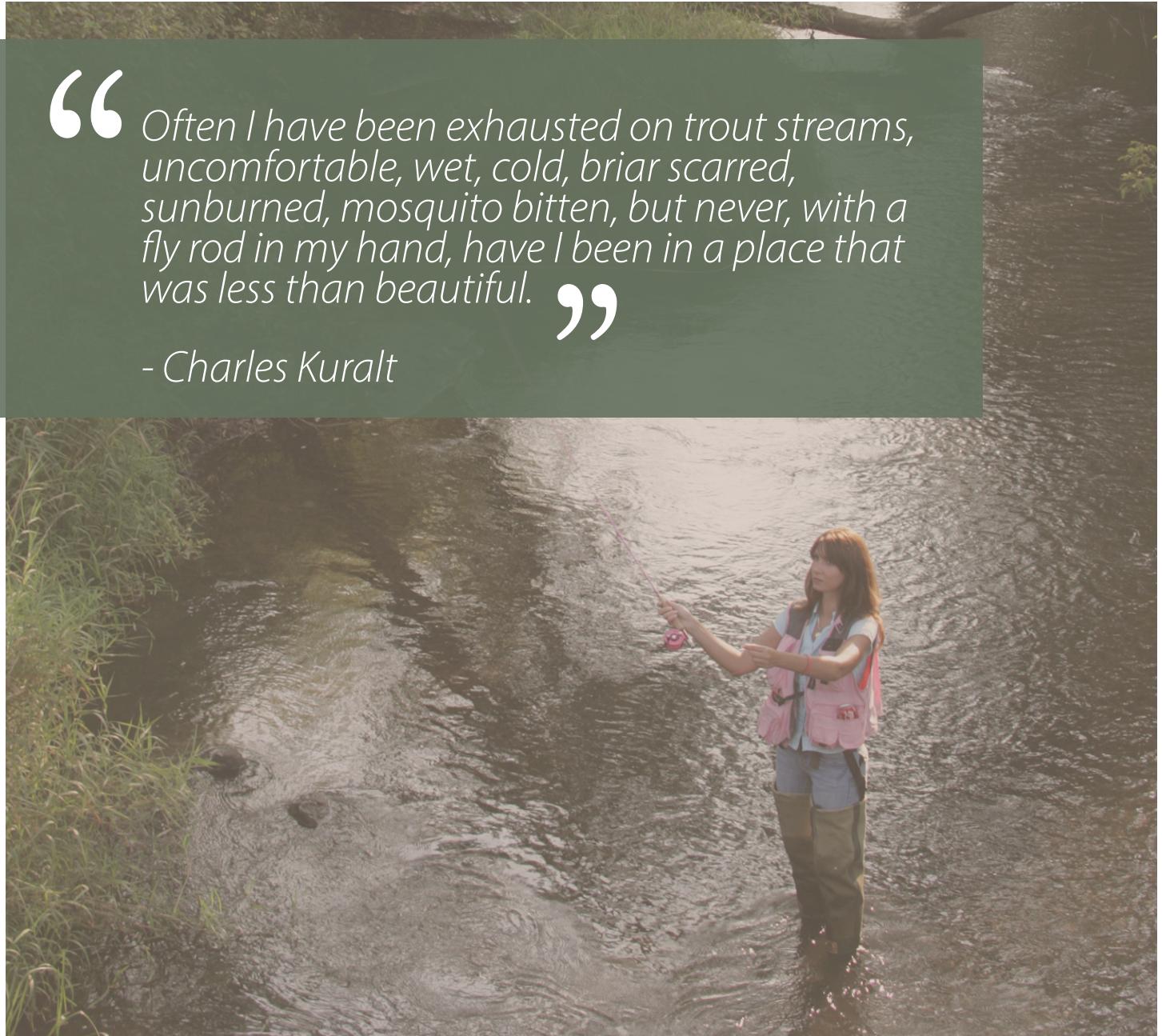
### Task 4: Plan Development and Draft Plans

The assembly of the plan document occurs during this phase of the project, during which several revisions are made as a result of multi-agency and public review.

### Task 5: Final Plan and Approvals

Approval will be sought from Dakota County staff and elected officials.





“ Often I have been exhausted on trout streams, uncomfortable, wet, cold, briar scarred, sunburned, mosquito bitten, but never, with a fly rod in my hand, have I been in a place that was less than beautiful. ”

- Charles Kuralt

# PROJECT CONTEXT

## OVERVIEW

This chapter explores the regional significance of Miesville Ravine Park Reserve. Miesville Ravine sits in the far southeastern corner of the 7-county Minneapolis-St. Paul metropolitan area along the border of Dakota County and Goodhue County. (Dakota County is the third most populous county in the Twin Cities Area).

This “hidden gem” of Dakota County’s park system consists of 1,667 acres, including one mile of the Cannon River. Today, a limited number of outdoor rustic recreational opportunities are enjoyed by a relatively small level of visitors. However, by being located across the river from a state Scientific and Natural Area and the Cannon Valley Trail which is planned to connect with the Mill Towns State Trail, this park reserve has the potential to be connected to by trail and water to Northfield, Cannon Falls, and Redwing.

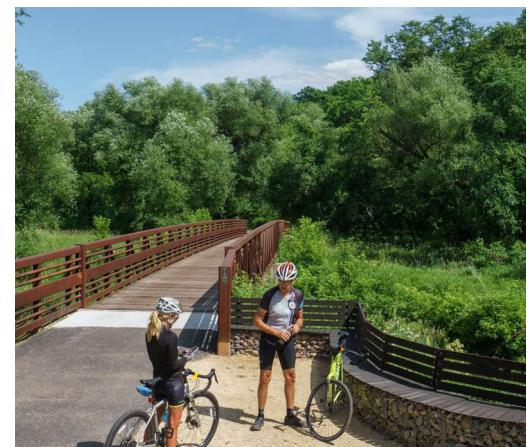
By exploring Miesville Ravine Park Reserve’s current position in the region and its place in the Dakota County Park System as a whole, future potential user needs, and recreational trends at both a state and national level, we can make informed decisions regarding future programming and suitable amenities.

The project context chapter contains information on the following:

- **Park Reserve Context:** reviews the location and importance of the park reserve within the region.
- **Demographics and Trends:** outlines how the surrounding demographics and trends may influence visitor preferences and desired programming at Miesville Ravine Park Reserve.



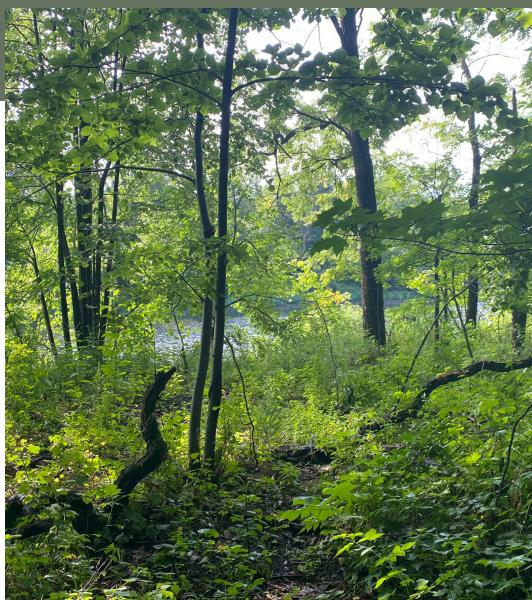
*The Cannon River is a recreational hot spot*



*The Mill Towns State Trail, which connects to the Cannon Valley Regional Trail, offers a potential future connection*

## WHAT IS A PARK RESERVE?

Park reserves are over 1,000 acres, maintain 80% of the park as natural lands, and limit developed areas of the park to no more than 20% of the park's acreage. Park reserves emphasize preservation and restoration of quality natural resources and provide access to these landscapes for nature-based outdoor recreation. Miesville Ravine Park Reserve is one of two park reserve's within the Dakota County Park System, and has been a regional park reserve since 1985.



*Existing mesic hardwood forest*



*Trout Brook*

## PARK RESERVE CONTEXT

Miesville Ravine Park Reserve is located in the southeast corner of Dakota County, along the border of Dakota and Goodhue Counties, between the cities of Red Wing and Cannon Falls, both popular tourist destinations in southern Minnesota. Named for a spectacular 200-foot deep ravine, through which a cold-water trout stream, 'Trout Brook', flows to the Cannon River, the park reserve features bedrock bluff prairie, oak savanna, maple-basswood forest, steep terrain, and river frontage that is a hallmark of this part of the state. The park reserve is located on the edge of the Driftless Area, an area that was not glaciated during the last glaciation, and therefore consists of unique geomorphology and natural communities. The Driftless Area includes portions of southeast Minnesota, southwestern Wisconsin, and northeastern Iowa. Efforts to preserve the landscape of southeast Minnesota have been aided by the creation of the Richard J. Dorer Memorial Hardwood Forest, which encompasses the entire park reserve property. Protections like this help visitors understand the landscape's regional significance and encourage park stewardship for future generations.

The park reserve can be accessed via local roads that stem from two major highways in the area, Highway 52 or 61. Those traveling the Cannon River, which is popular for tubing and paddling, arrive at Miesville Ravine Park Reserve via a public water access site just upstream of the river's confluence with Trout Brook. Currently, the park reserve cannot be accessed directly by state, local, or regional trails. However, the Cannon Valley Trail is located across the Cannon River just 1/4 mile from Miesville Ravine Park Reserve. The 2005 Miesville Ravine Park Reserve Master Plan proposed a bridge over the Cannon River to provide direct access to the park reserve from the trail, but no progress has been made on the bridge connection yet to date.



*Views from the bluff prairies*



Figure 2.1 Regional Context Map

## MIESVILLE RAVINE PARK RESERVE: GATEWAY TO THE DRIFTLESS

Miesville Ravine Park Reserve is technically still in the seven-county metro; however, its terrain and associated native plant communities are far more representative of southeastern Minnesota's unglaciated driftless region. For visitors who want a taste of the driftless' spectacular bedrock bluff prairies, narrow valleys, trout streams, and maple-basswood forests, Miesville Ravine Park Reserve offers many Metro residents the closest option to experience it.



Figure 2.3 Driftless Area and MN Trout Fishing Lakes and Streams (Source: MN DNR, Environmental Law and Policy Center)

## RECREATIONAL CONTEXT

Miesville Ravine Park Reserve provides a unique and diverse landscape for passive recreation such as birding, hiking, fishing, picnicking, and snowshoeing. Its location along the Cannon River offers access to water-based recreation such as paddling and tubing just outside of its boundaries.

Minnesota's State Comprehensive Outdoor Recreation Plan (SCORP) indicates that two-thirds of all recreation occurs within a half hour drive from home. While there are several other recreational facilities within a 15-mile radius (or 20-30 minute drive) from the park reserve, none offer as expansive a landscape to explore. However, several destinations along the Cannon River Valley offer complementary recreation, including boating, swimming, and camping opportunities at Lake Bylesby Regional Park, golfing at Gopher Hills, or skiing at Welch Village. The Mill Towns State Trail, Cannon Valley Trail, and Minnesota Water Trail all pass by or directly connect to Miesville Ravine Park Reserve, enhancing its potential to be a destination for visitors to the Cannon River Valley. The park reserve's river valley bluff landscape, trout stream, expanses of prairie and oak savanna, and vast woods to explore help it stand out from other parks within the area.

The cities of Cannon Falls and Red Wing fall within a 20-minute drive of Miesville Ravine Park Reserve. The cities offer fun activities like breweries, markets, wineries, pottery, and shopping. By promoting the park reserve to generate increased awareness, the close proximity of these tourist attractions offers great potential to increase visitorship and position the park reserve as a destination for those visiting the Cannon River Valley.



Tubing and paddling along the Cannon River



Biking along the Cannon Valley Trail

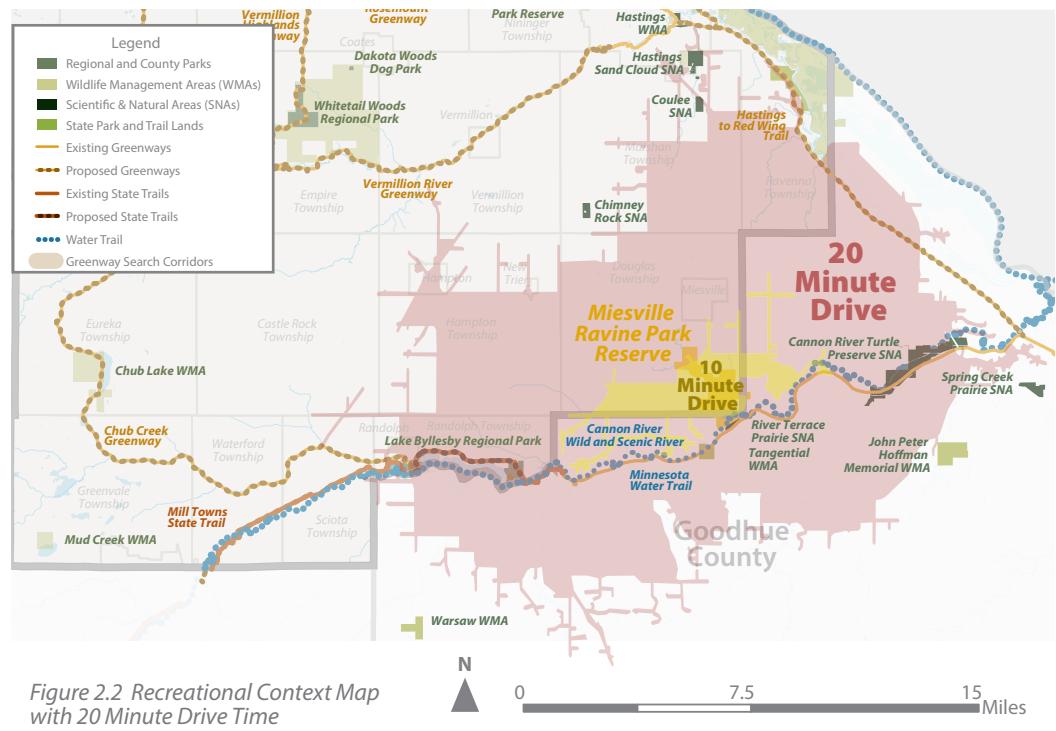


Figure 2.2 Recreational Context Map with 20 Minute Drive Time

Activity		City and Township Parks	Lake Byllesby	Miesville Ravine	Scientific and Natural Areas (SNAs)	Wildlife Management Areas (WMAs)
Type	Local	Regional	Park Reserve	State DNR	State DNR	
Acres	Varies	620 acres/60 acres	1,667 acres	Varies	Varies	
Passive Recreation	Nature Observation		X	X	X	X
	Geocaching		X	X		
	Picnicking	X	X	X		
	Paddle Sports	X	X	X		
	Overlooks		X			
	Fishing Pier	X	X			
	Fishing	X	X	X	X	X
	Bird Blind		X (future)			
Trails	Hunting			X	X	X
	Hiking/Walking	X	X	X	X	X
	Trailhead		X			
Lodging/ Centers	Tent Camping		X			
	RV Camping		X			
	Camper Cabins		X (future)			
Active Recreation	Swimming	X	X			
	Splash Pad		X			
	Playground	X	X			
	Nature Play		X			
	Disc Golf	X				
	Horseshoes		X			
	Public Water Access		X	X		
	Volleyball	X	X			
Winter Recreation	Athletic Fields & Courts	X				
	Cross-country Skiing		X			
	Snowshoeing		X	X		
	Ice Fishing		X			
Amenities	Sledding	X	X			
	Picnic Shelter	X	X	X		
	Restrooms	X	X	X		
	Grills	X	X	X		
	Benches	X	X			

Table 2.1 Recreation Types, Activities, and Programming within a 20 Minute Drive Time

# DEMOCRAPHICS AND TRENDS

## TWIN CITIES REGIONAL DEMOCRAPHICS

The demographics for the Twin Cities Metro will change dramatically with the next generation. The 65 and older generation will account for one in five residents in 2040, nearly double of what it was in 2010. The region will also gain nearly 391,000 new households by 2040, but only one in five will be households with children, and there will be greater pressure on housing for post-retirement individuals. Similarly, people of color living in the metro will continue to increase, rising to nearly 16% of the total population. Increased racial and ethnic diversity, aging communities, and an overall change in household demographics will be a cultural shift for the region.

## DAKOTA COUNTY DEMOCRAPHICS

The current population estimate of Dakota County according to the U.S. Census Bureau is nearly 442,000, which has increased more than 10% since 2010. The largest age group in the county is 35 years to 39 years old, accounting for nearly 8% of the total population. Hispanic populations have shown the largest increase in the county over the past decade, and people reporting more than two races has nearly tripled since 2010.

With populations increasing and becoming more diverse, parks will need to be able to support these changes in order to be sustainable and serve potential visitors into the future.



Figure 2.3 Service Area Map

## SERVICE AREA DEMOGRAPHICS

The selected demographic service area for Miesville Ravine Park Reserve encompasses Dakota County and other areas within a 20 minute drive. The addition of the 20 minute drive to the entrance of Miesville Ravine Park Reserve expands south across the Cannon River into Goodhue County. This service area stretches along the Cannon River corridor to include all of Lake Byllesby to the West and to Sturgeon Lake to the east. This is approximately a 13-mile drive from the park reserve entrance along the Cannon River. The northern boundary stretches to Thompson County Park in West St. Paul, and south down Highway 52 near Wastedo and County Road 1. Going north and south, this would be a 40-mile drive along Highway 52.

### POPULATION AND AGE

The service area for Miesville Ravine Park Reserve has a population of 456,629 as of 2022. The area has gained almost 50,000 residents since the 2010 census, and is expected to gain another 8,000 to 9,000 residents over the next 5 years.



### AGING POPULATION

Age groups over 65 are expected to increase the most over the next five years. This age group makes up more than 15% of the total population of the service area and is anticipated to increase nearly 20% over the next five years. The only other age groups expected to grow are 30 to 49 year olds, gaining 6% by 2027. All other groups are expected to decline between 2022 to 2027.

### DEFINITIONS OF RACE AND ETHNICITY

Below are the federally recognized Race and Ethnicity definitions that the United States Census Bureau uses for classification. These definitions are used throughout this section to ensure consistency while reporting:

#### American Indian or Alaskan Native

A person having origins in any of the original peoples of North and South America (including Central American), and who maintains tribal affiliations or community attachment.

#### Native Hawaiian or other Pacific Islander

A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

#### Asian

A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand and Vietnam.

#### Black or African American

A person having origins in any of the Black racial groups of Africa.

#### White

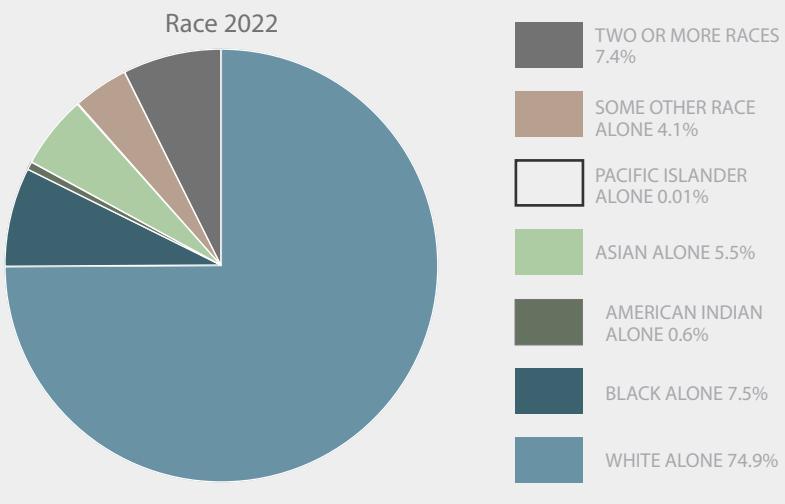
A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

#### Hispanic or latino

An ethnic distinction, a subset of a race as defined by the Federal Government which includes a person of Mexican, Puerto Rican, Cuban, South or Central American, or other Spanish culture or origin, regardless of race. Ethnic Hispanics may report as any race.

#### Alone

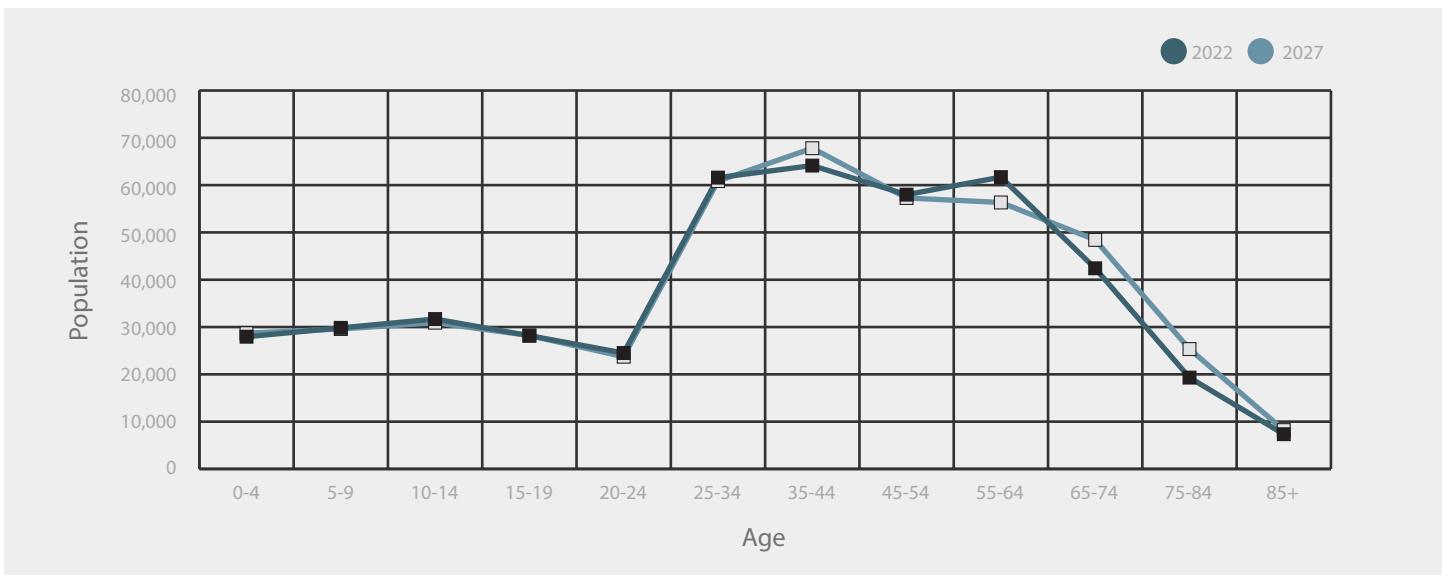
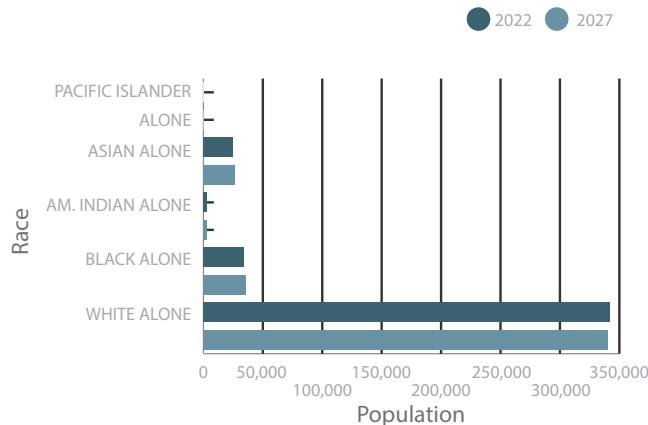
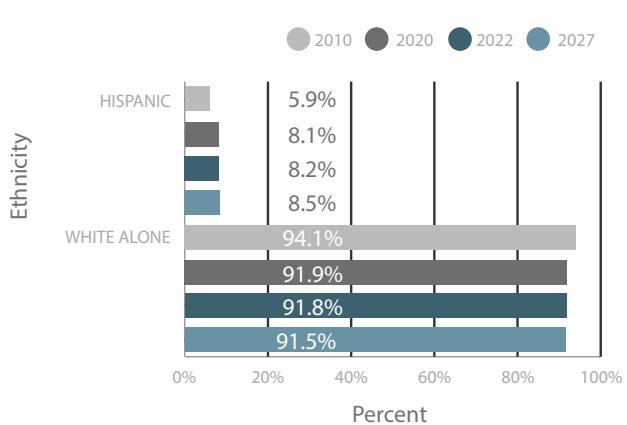
Ethnicity joined with "Alone" describe someone who only identifies as that race, and does not identify as two or more, or Hispanic.



## RACE AND ETHNICITY

Within the service area there are only two races that show a projected decrease in the next five years: White Alone and Pacific Islander. White alone is the largest population in the service area making up more 75% of the total population, but their projected decrease is only 0.44% (1,522 total residents).

The largest projected increase for the next five years is expected to be Black Alone, Asian Alone, and Hispanic of any race. Black and Asian residents will increase by nearly 4,000 in the coming years, increasing their combined population by more than 13%.



## GROUPS UNDERREPRESENTED IN PARK VISITS

Listening, responding, and creating a welcoming environment in parks for all residents no matter their age, race, ethnicity, income, and ability, is a pillar of both Dakota County and the Metropolitan Council. According to the 2017 Dakota County Parks Visitor Services Plan (VSP), there were 9 focus groups created as part of their outreach and engagement:

- Two (2) Hispanic/Latino groups; one immigrant and one US born
- Somali
- Vietnamese
- Indian/South Asian
- African American
- Youth
- Seniors
- Persons living with Disabilities

These focus groups recommended increasing awareness about Dakota County Parks as a whole by doing the following:

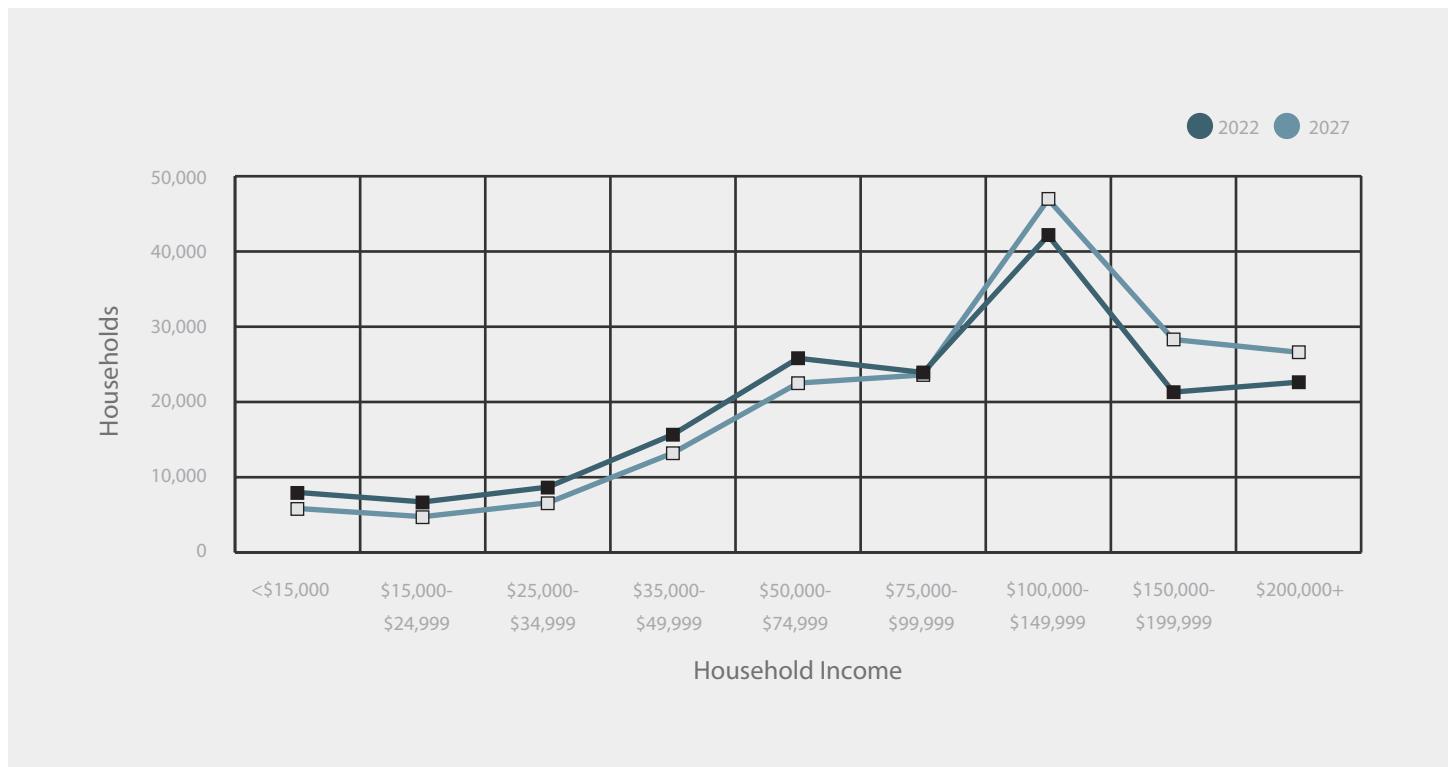
- Publish materials in more than one language.

- Pursue new strategies for distributing materials, like giving materials to children to then give to their parents.
- Changing the county home page to have multiple languages.
- Organizing an intentional outreach initiative to create ongoing relationships with underrepresented groups.

## INCOME

Residents within the defined service area span household incomes. There is an almost exact 50/50 split between households making below and above \$100,000/year. Projections show a nearly 18% gain in residents making more than \$100,000 over the next 5 years. Inversely, households making less than \$100,000 are expected to decrease by 14%. This population swing is equivalent to almost 30,000 residents.

Less than 80% of the Area Median Income (A.M.I.) is the Metropolitan Council threshold for Low Income. Currently, in the service area households making less than 80% of the A.M.I. would be below \$78,630. Forecasted for 2027, this would rise to \$87,334, nearly a 11% increase over the next 5 years.



## DEMOGRAPHICS SUMMARY

The demographic trends for the 703 square mile service area show a decline in population growth overall, but an increase in certain age, race, and income groups. The development of Miesville Park Reserve over the next five years should not only cater to the general populous of nearly half a million people, but should also create opportunities for the underrepresented groups in the area. These opportunities should ensure welcoming environments for people of all backgrounds, as well as create greater awareness for the Dakota County Parks system as a whole.

### STRATEGIES FOR PROGRAMMING AND FACILITIES IN THE PARK RESERVE SHOULD CONSIDER:

- **Income disparity** - provide park access, programs, and rentals affordable to those with lower incomes.
- **Race and Ethnicity** - provide park programming, opportunities, and a welcoming experiences for new visitors with diverse backgrounds.
- **Population and Age** - provide programming and facilities for a middle age and aging population (retired).

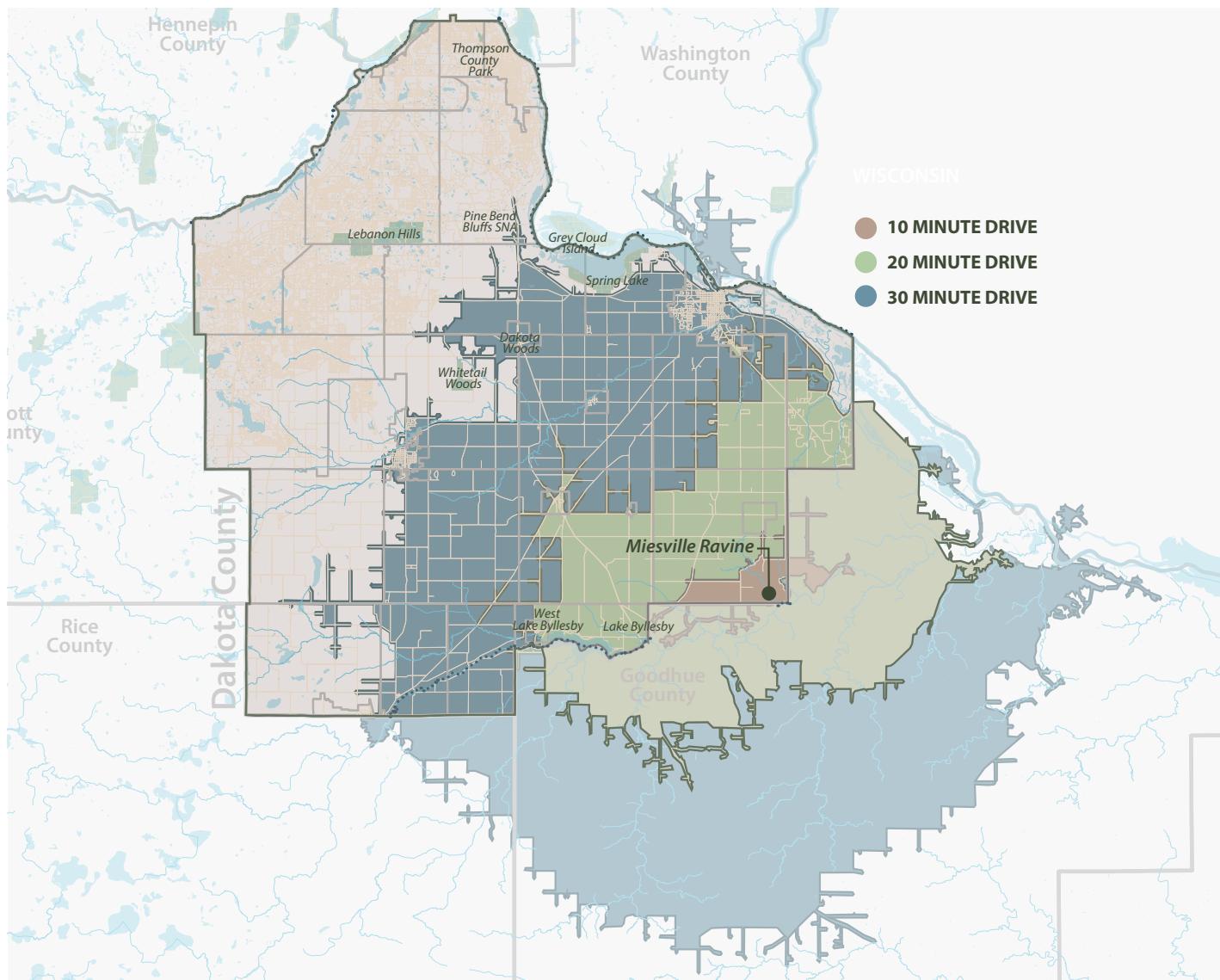


Figure 2.4 Service Area Drive Time Map

# TRENDS

## DEMAND FORECASTING AND NEEDS

Based on projected demographics for both Dakota County and the metro, the potential visitors for Miesville Ravine Park Reserve are expected to be older guests, more diverse, with varying household incomes. Catering to its future audience depends on how the park reserve is programmed and how it markets itself to potential visitors within the surrounding areas.

- As Baby Boomers age, their recreation needs change. According to the 2022 Outdoor Recreation Participation Report, the number of participants 55 years and older increased more than 14% since 2019. Baby Boomers will require facilities and equipment that meet their mobility needs as they age, as well as programming and passive recreation opportunities that cater to their interests, capabilities, and activity level. ADA accessibility in parks and within marketing/informational materials will become increasingly more important for this group.
- People of color tend to participate in nature-based recreation less than white and/or non-Hispanic populations, so introducing these populations to outdoor recreational activities and encouraging continued participation will be essential to maintaining use of our regional parks and trails system in the future. Dakota County's Visitor Services Plan indicates that it will be important to overcome people's perceptions of park safety, and promote awareness of the park system and its offerings.
- On a national level, since the Covid-19 pandemic, the number of park and recreational users continues to increase. Isolation highlighted the importance of having great outdoor spaces, and people who had never participated in recreational activities such as camping or paddling gave them a try for the first time. The outdoor participation base has grown 6.9% since March of 2020. These gains in participants are anticipated to be maintained, as it's been reported that once an individual begins taking part in outdoor activities, they are likely to continue the habit. Marketing efforts and the pursuit of safe and well-connected access to the Dakota County Parks and Greenways System can help encourage more residents to get outside.
- Miesville Ravine Park Reserve's 2021 Visitation Estimate, according to the Met Council, was 35,077 visits, approximately one-seventh of the total visits made to Lake Byllesby Regional Park just upstream. This makes Miesville Ravine Park Reserve the least visited Dakota County Park. Overall, Dakota County Regional Parks and Trails were estimated to have nearly 2.3 million visits in 2021.

## Providing a Growing Twin Cities Metro with Connections to the Outdoors

As the boundaries of the metro continue to grow into once rural areas, and more of the county becomes urbanized, providing residents with opportunities to reconnect with nature becomes increasingly important. Miesville Ravine Park Reserve's proximity to the Twin Cities, Cannon Falls, Red Wing, state and regional trail systems, other large recreation hubs such as Lake Byllesby Regional Park, and its abundance of high-quality lands to explore all make it well-positioned to provide the surrounding community with a unique natural experience.

As national trends continue to show an increase in the number of people interested in outdoor recreation, it is more important than ever to find ways to introduce new populations to nature-based recreation and to incorporate new activities that offer exciting ways to get outdoors. Participation in nature-based activities helps create citizens who have appreciation for the natural world, which in turn raises social and political support for resource conservation activities. It is important to generate new champions among future generations.



## Incorporating New and Emerging Recreational Activities

The 2040 Regional Parks Policy Plan has expanded its list of activities that could be considered appropriate for inclusion in the Regional Parks System to include:

- Mountain Biking
- Night Trail Use
- Kayaking
- Stand-up Paddle Boarding
- Boardsailing

While not all of these activities are suitable for the park reserve, strategic implementation of new recreational experiences at Miesville Ravine Park Reserve could improve visitorship and experience:

- Implementation of night trail use in certain parts of the park reserve (closest to existing amenities such as picnic shelters, restrooms, the fire ring, and power sources) could offer a unique experience for visitors.
- Miesville's proximity to the Cannon River, existing public water access points, and the current number of established outfitters in the area offering tubing and other rentals make it ideally placed for water-based activities. Improving water access sites and adding equipment rentals for paddling would allow the park reserve to offer more for visitors in the summer months.



## Interest in History and Culture

As urban and suburban areas continue to spread outward and grow into once rural and natural spaces, there's a growing desire and sense of responsibility to preserve, protect, and celebrate these landscapes and their rich cultural history.

The park reserve is situated at the transition from the glaciated to the unglaciated driftless region, and offers characteristics unique to the Metro, more often associated with southeast Minnesota. Dakota people hunted, settled, buried their relatives, and steward the landscape of the Cannon River valley for thousands of years. When the first Euro-Americans came to the area in the mid-1800s, they found it inviting for many of the same reasons as the Native Americans who lived in the area: a year-round water source, rich soils, and plenty of fish and game. However, Euro-Americans also saw prairies ripe for farming and forests for timber.

The park reserve is steeped in rich history and a number of historical and cultural remnants can still be seen on-site today. The park reserve has undergone massive restoration efforts to restore its prairies and oak savannas, and visitors can enjoy fishing Trout Brook much like past inhabitants had. This story offers a unique opportunity to future generations to learn how the landscape was formed, utilized, and restored over many years. Interpretive features such as self-guided tours, educational signage, interactive art pieces, and the use of certain materials are just a handful of ways that the future park reserve could celebrate and educate visitors about its past and create meaning and connections for present and future visitors.

## Mental Health and Well Being

The overlap of physical and mental health has been recognized as an important consideration for parks, trails, and recreation programming in recent years. With an increase in post-traumatic stress disorder, increasingly busy lives, general physical and mental health issues, and a global pandemic that isolated many from gathering indoors with loved ones and dramatically changed their daily routines, people are eager for respite. Nationally, activities such as "yoga in the park," forest bathing, and calm spaces to conduct meditation have increasingly grown in popularity. Other activities, such as birding, which Miesville Ravine Park Reserve is a hot spot for, and exercise (running, biking, or walking) are all known to greatly contribute to mental health and overall physical well being. Parks and recreation departments have been tasked with providing facilities and programs that help people lead healthier lives on both a mental and physical level.



## Combating a Changing Climate

Climate change, exponential population increase, and the effects of an ever-growing built environment on our planet's health is one of the most critical and pressing issues of our time. Reductions in air quality and increases in heat waves are health concerns with real-life impacts. The NRPA states that parks and open spaces can be a big part of the solution. Preserving more of the natural environment and planning for parks can help reduce harmful pollutants in the air, cool urban heat islands, minimize flood risks, improve water quality, and help reduce the impacts of severe storms or weather. Miesville Ravine has a rich cultural history of Native American stewardship, and coordination with local tribes to educate visitors about how they care for the land could inspire guests to utilize these practices in their own lives, growing the impact beyond the park reserve's boundaries. In turn, a healthier planet overall can contribute to healthier ecosystems that support wildlife populations like bees and pollinators that directly benefit humans by providing food security and other necessities.



## Emphasis on Trails

Trails continue to be in high demand among users looking to utilize outdoor facilities as a means of living a physically healthier lifestyle. According to the 2022 Outdoor Recreation Participation Report, hiking, biking, and running remain among the top five most popular recreational activities that populations of all ethnic and most all age groups continue to participate in. As an added benefit, using trails is usually free or low-cost for those with smaller household incomes. Statewide, regional destination trails with associated facilities and amenities, such as trailheads, campsites, views/overlooks, cultural interpretation, and connections to popular local destinations, are increasingly in demand. Miesville Ravine Park Reserves close proximity to existing trail infrastructure places it in a good position to become a future destination within the Cannon River Valley.





### Standardizing Inclusion and ADA and Accessibility

With a drastically increasing population of residents over 55 years of age within the service area for Miesville Ravine Park Reserve, a focus on providing safe and accessible ADA-compliant facilities and amenities, as well as accessible marketing materials, will help to encourage future use among baby boomers. Legally, very little is required to meet ADA requirements, and design within Miesville Ravine Park Reserve should consider these regulations a minimum standard, striving to do more. ADA accessible trails, ramps, bathroom facilities, and adequate parking benefit all potential guests.

Physical disabilities aren't the only considerations needed when planning for a diverse population. Mental handicaps should also be considered in design and provide safety in a rugged outdoor environment. Nationally, amenities such as fenced inclusive playgrounds, sensory gardens, or tactile interpretive elements have become more standard practice.



### Ecotourism and Birding

Ecotourism is tourism that centers around natural environments. Traveling to a place to experience threatened, exotic, or endangered lands rich in ecological diversity. Miesville Ravine is seen as an 'ecological gem' within its regional context and the Dakota County Parks and Greenways system. It has undergone extensive restoration efforts to bring past agricultural lands back to their original state and has drastically improved the quality of other natural features like Trout Brook. These efforts have led to the park reserve supporting a wide array of wildlife, and Miesville Ravine is known today to be an incredible birding hotspot within the Twin Cities metro area where numerous critical bird species call home. The addition of bird blinds, organized and self-guided birding experiences or tours, marketing materials, and sensitive access points to view them has great potential to increase visitorship to the park reserve.

## RESPONDING TO EXISTING USER DESIRES

Miesville Ravine Park Reserve is not widely visited today. Many respondents within community engagement efforts stated that they didn't know where the park reserve was located, hadn't visited because they didn't know it existed, or the drive was too far from home for what Miesville Ravine offers in terms of recreation. During the existing conditions phase (phase 1) of community outreach, the design team heard an overwhelming desire to keep Miesville Ravine Park Reserve as natural as possible, and to find ways to add more programming as sustainably as possible. The most common recreational activities that occur within the park reserve today are hiking, walking, or running along existing trails, paddling and tubing along the Cannon River, fishing Trout Brook, nature observation, and relaxation.

Potential users expressed interest in activating park spaces with events, adding more things for children and disabled users to enjoy, preserving wildlife and landscapes while offering more trail routes to view scenic overlooks and observe wildlife habitats, finding ways to respectfully celebrate the land's unique cultural history, and making the park reserve more available to explore in the winter months with activities such as groomed ski trails, snowshoeing expeditions, or fat tire biking.

The Cannon River along the park reserve's border, Cannon Valley Trail just south of the river, and close proximity to other parks like Lake Byllesby Regional Park put Miesville Ravine Park Reserve in a great position as a regional destination.

# PUBLIC ENGAGEMENT AND PARTICIPATION

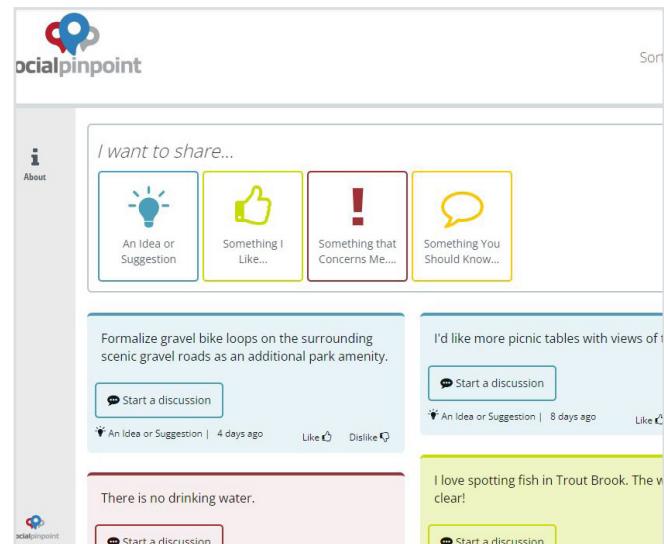
## PHASE 1 COMMUNITY ENGAGEMENT: ISSUES AND OPPORTUNITIES

Community engagement activities for the first phase of the Miesville Ravine Park Reserve Plan update were held September–November 2022. The purpose was to introduce the park reserve and planning process Dakota County residents, users, tribal representatives, and stakeholder organizations to collect meaningful input regarding existing issues and future opportunities. Engagement activities included stakeholder meetings, walks in the park reserve followed by discussion about issues and opportunities, phone calls, and a mailing to 500 residents who live near the park reserve.

425 respondents participated in an online Polco questionnaire that discussed current use, existing conditions, and future desires. The questionnaire was open for comment from September 28th to November 6th, 2022. A Social Pinpoint “ideas wall” was available on the Engagement Opportunities storymap, where visitors could post notes about the park reserve that were considered as the project team moved forward with concept development. Both online engagement tools were well-used, however, it should be noted that the questionnaire results are not statistically valid. Below is a summary of the Phase 1 community engagement findings:

### KEY FINDINGS:

- A majority of those who responded stated that they rarely or never visit Miesville Ravine Park Reserve. The most common factors that prevent them are:
  - **Distance:** over half would have to drive more than 20 miles to reach the park reserve.
  - **Programming:** A lack of interesting activities, trail length, biking or mountain biking trails, and sufficient amenities like drinking water, trail benches, or wayfinding.
  - **Familiarity:** Many respondents stated that they just didn't know that Miesville Ravine Park Reserve existed or what it had to offer.
  - **Busy lives:** numerous respondents commented that work schedules, small children, and lack of time forced them to visit parks that are closer to home.



Screenshot of the Social Pinpoint ideas wall

Instant Input: Dakota County

**Miesville Ravine Park Use and Preferences Survey, September 2022**

-6 min survey Expires on 10/23/2022

Miesville Ravine Park Reserve, located on the Cannon River in southeastern Dakota County, is in the beginning stages of a planning process that will guide improvements over the next 10+ years. Park planners are hoping to hear from you about whether you have visited the park reserve and what would encourage you to visit in the future. This short survey will help to inform park concepts during the next stage of planning. Thanks for your time!

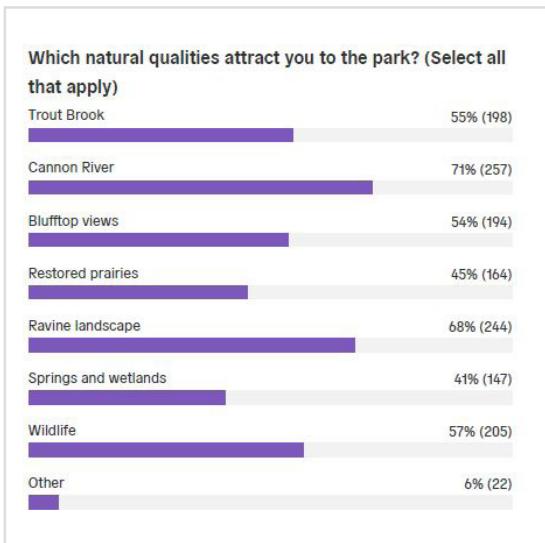
If you'd like to keep up to date on the Miesville Ravine Park Reserve Plan, bookmark the project website, where you can find information on the planning process, engagement opportunities, and the park reserve itself: <https://tinyurl.com/MiesvilleRavine>

Question 1

How often do you visit Miesville Ravine Park Reserve?

Multiple times per week  
Weekly  
Monthly  
A few times per year

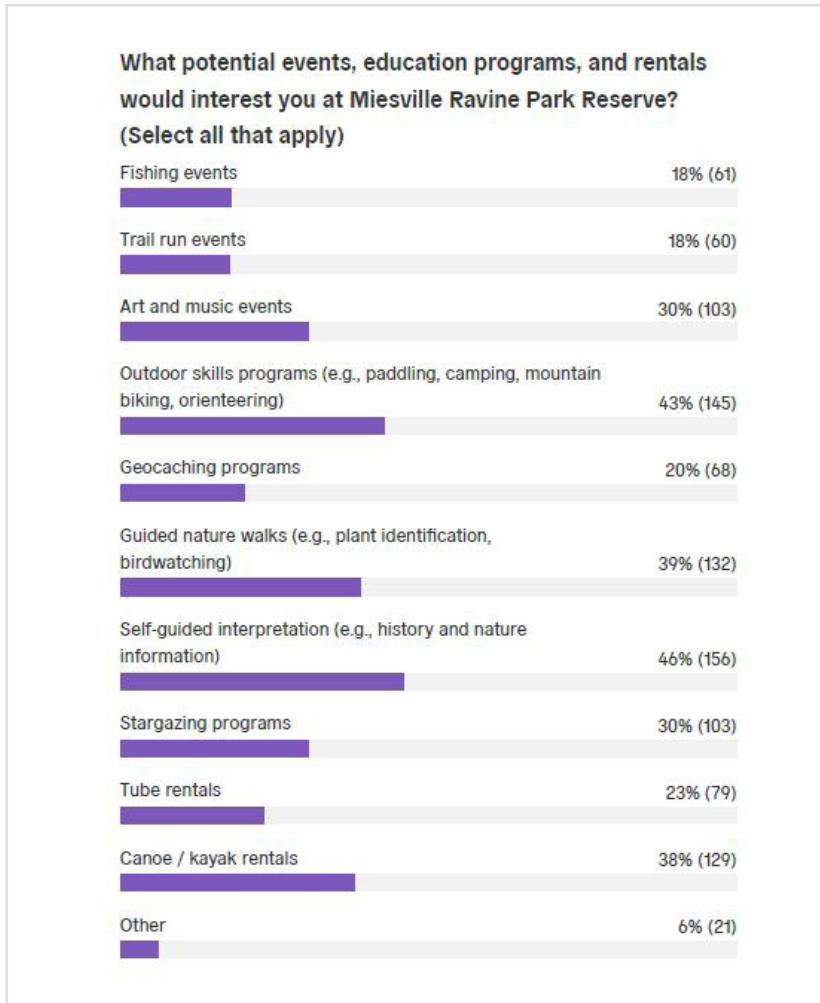
Screenshot of the phase 1 Polco questionnaire



Polco questionnaire results

- ADA compliance:** A number of comments asked that making the park reserve friendly to those with physical and mental disabilities be at the forefront of future planning efforts as they are unable to enjoy much of the park reserve in its current condition.
- Outfitters and bus traffic from recreational tubing along the Cannon Valley River:** constant busing of large crowds in the summer months can make the roads feel dangerous and ruin the overall peaceful experience of the park reserve.
- Guests choose to visit during the spring, summer, and fall seasons. Winter is an overall less popular time of year to make the trek, but winter recreation like snowshoeing, fat tire biking, and cross country skiing along existing trails was mentioned often in open-ended answers.
- Visitors to Miesville Ravine Park Reserve primarily use the park reserve today for hiking, walking, and running. Nature observation and relaxation both came in at a close second. Other uses, such as fishing Trout Brook and paddling or floating along the Cannon River are known to be popular activities, but were not strongly represented in the questionnaire results. These replies make sense, as many comments stated that trails seemed to them like the park reserve's only current recreational option.
- Biking and geocaching also appeared in the results as popular alternate park reserve activities that are not officially offered as uses today. Miesville Ravine Park Reserve doesn't currently offer any bike riding facilities, but a small group of gravel riders have been known to use the unpaved roads through and around the park reserve.
- The top characteristics of Miesville that attract current visitors to the park reserve include:
  - The Cannon River
  - Trout Brook
  - Blufftop views
  - Ravine landscape
  - Wildlife viewing
  - Diversity of plant life
- There are numerous features at Miesville Ravine Park Reserve that respondents feel are important to protect, and a majority would like to see the natural environment remain the primary focus with any future planning.
- Protecting the integrity of the Cannon River, the Cannon Valley Watershed, natural springs, Trout Brook, and other naturally occurring water features is at the top of the list when it comes to considerations for future design. Protecting existing and known cultural resources on site also received a number of mentions and should be carefully considered.
- The park reserve would benefit from invasive species removal (primarily buckthorn) and continued restoration efforts.
- The park reserve's two existing trail loops are the most commonly utilized recreational features for visitors to date. Ways that these features could be improved include:
  - Expanding trails into currently unreachable areas of the park reserve.
  - Connecting trails to existing regional trail facilities like the Cannon Valley Trail.
  - Creating longer stretches of trail with loops that are easy to navigate, have varying levels of physical intensity, and include ADA accessible options.
  - Diversifying current trail uses to include activities like cycling (paving some segments), mountain biking, and groomed cross-country skiing.

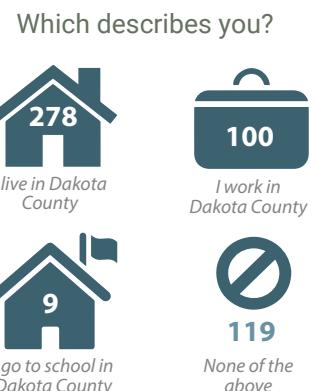
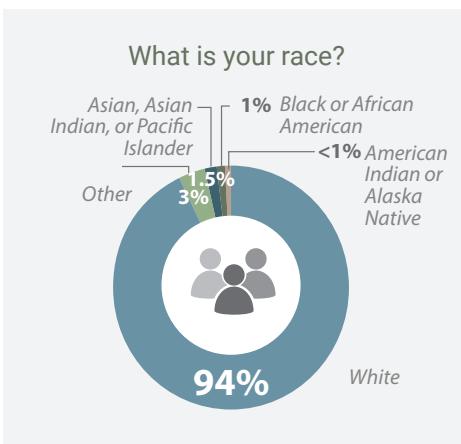
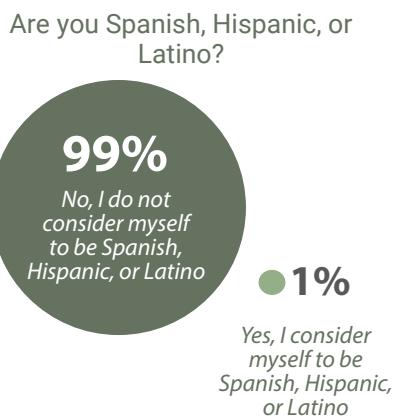
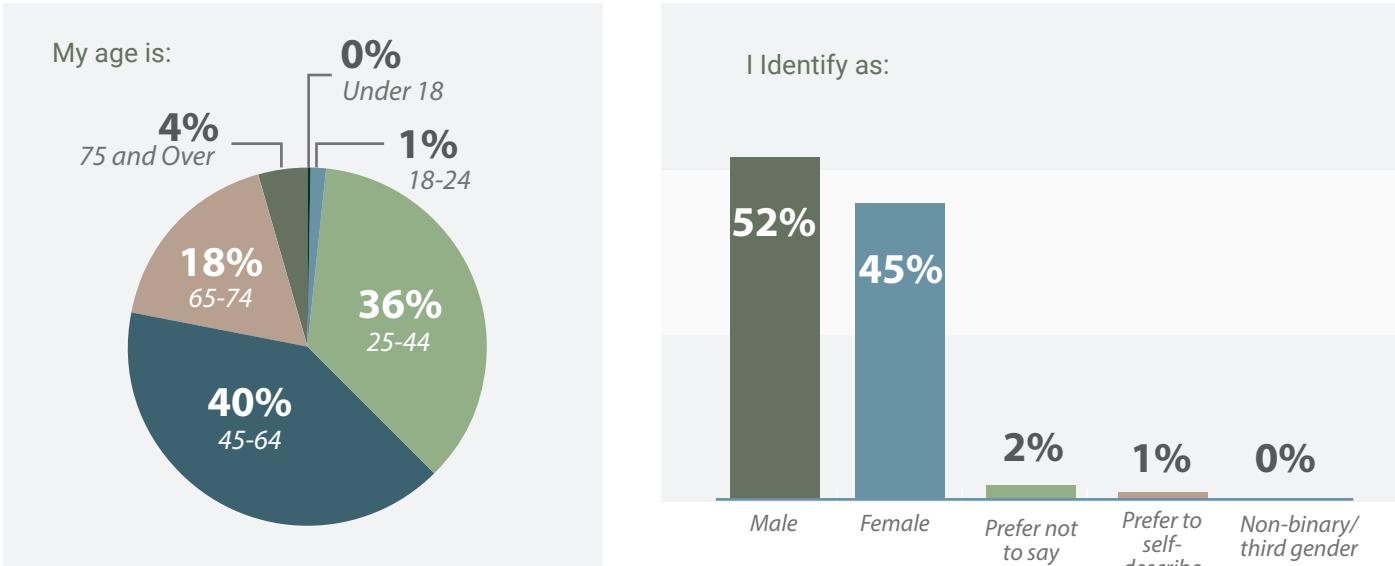
- Potential future park reserve users would be interested in seeing camping facilities such as camper cabins, primitive campsites, full hook-up RV sites, and canoe-in camping options.
- Miesville would likely attract more visitors by offering:
  - Clean drinking water on site and updates to existing facilities like restrooms and shoreline picnic areas.
  - Access to scenic overlooks that capture the bluffs and Cannon River Valley.
  - Improving access points; improved shoreline and public water access sites, connections to trail systems outside of the park reserve's boundaries, and clear directions for vehicles.
  - Trail amenities like benches, wayfinding, and bike repair stations.
  - Mountain biking that is designed and added in a sustainable manner.
  - Keeping the park reserve natural with more access to different types of landscapes.
  - Adding educational and interpretive features that highlight the landscape's natural beauty.
- Potential users are interested in activating spaces with music or art, outdoor skills programs, guided nature tours, self-guided interpretive tours, education that highlights the land's Native American history, and canoe/kayak rentals.



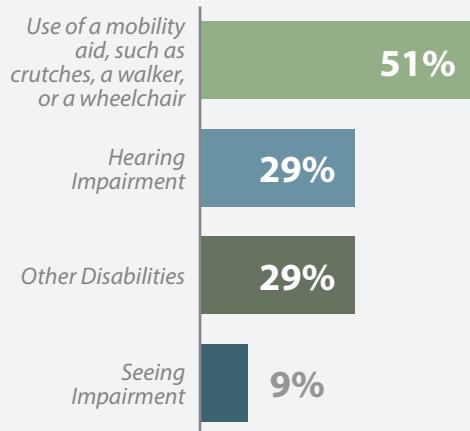
*Polco questionnaire results*

- Many who use and love Miesville Ravine Park Reserve today consider it a special and unique environment within the Dakota County Parks System. There is an overwhelming desire to both see more facilities and amenities within the park reserve, and keep it as natural and undeveloped as possible. Finding the balance between attracting more visitors with more things to do, and preserving Miesville Ravine Park Reserve's natural beauty is a challenge that both design and policy will need to work to address.

## Polco Questionnaire Respondent Demographics:



65 respondents stated that they or someone in their household has disabilities that should be considered as the design team works on a plan for Miesville Ravine Park Reserve. These disabilities include:



What types of things should we consider in the Miesville Ravine Park Reserve Plan that would help people with disabilities enjoy their visit?

- Feel that ADA has a low bar, target responses from people with disabilities.
- Interpretive features and sound assistance headphones.
- Sensory experiences.
- ADA playground equipment.
- Places to relax and take a break (overlooks, bench seating along trails, picnic areas).
- Clear wayfinding with large print and icons.
- Safe river access (worries about disabled child safety along shoreline).
- Consider adaptive design with each feature - ADA disc golf course, trails, mountain biking experience, etc. Try not to limit what they can and can't take part in when possible.
- A number of comments expressed concern about paving trails and adding too much infrastructure - desire to see park reserve remain natural.

## SOCIAL PINPOINT WORD WALL SUMMARY

Within both the word wall and the Polco questionnaire responses, it is clear that current and future park reserve visitors love and appreciate its existing natural environment. From wildlife observation to fishing Trout Brook, guests want to see the park reserve's plant and animal communities protected, they want to learn more about them, and they desire more opportunities and ways to enjoy them.

"Keep it simple. The beauty of the park is that it's relatively unimproved compared to other parks. Keep it as natural as possible"

"I'd like more picnic tables with views of the river"

"The Trout Brook is one of the best places to fish near the metro area. I fly fish for brown and brook trout in Trout Brook frequently. The trout in the section within a half mile of the Cannon River are thriving. There is good cover to fish from the bank with stealth. Above half a mile, the brook is harder to get to and very sandy without a lot of structure. There is a lack of good trails on the upper section near the main road so fishing access is more difficult and hard to explore"

"I think in general, the park should stay as natural as possible. The park is a gem and all of its diverse and unique habitat should be protected"

- "Safer way to climb up river bank. Often muddy and slippery."
- An interpretive piece on the history of the small gauge railroad from Randolph to Red Wing.
- More paths near wild areas.
- More trout access spots"

"Explain some of the history of the park. Who owned the homesteads/farmsteads, info about fish hatchery, etc"

"Maintained mountain bike trails"

"Reroute the trail near north parking lot and replace the small timber bridge to prevent further streambank erosion and provide an improved crossing"

"I'd love to be able to hike at least 6 miles in the park. Today is a long way to drive for less than an hour of hiking"

"There is no drinking water"

"I'd like Bison and Prairie Chicken restored to provide more wildlife to view"

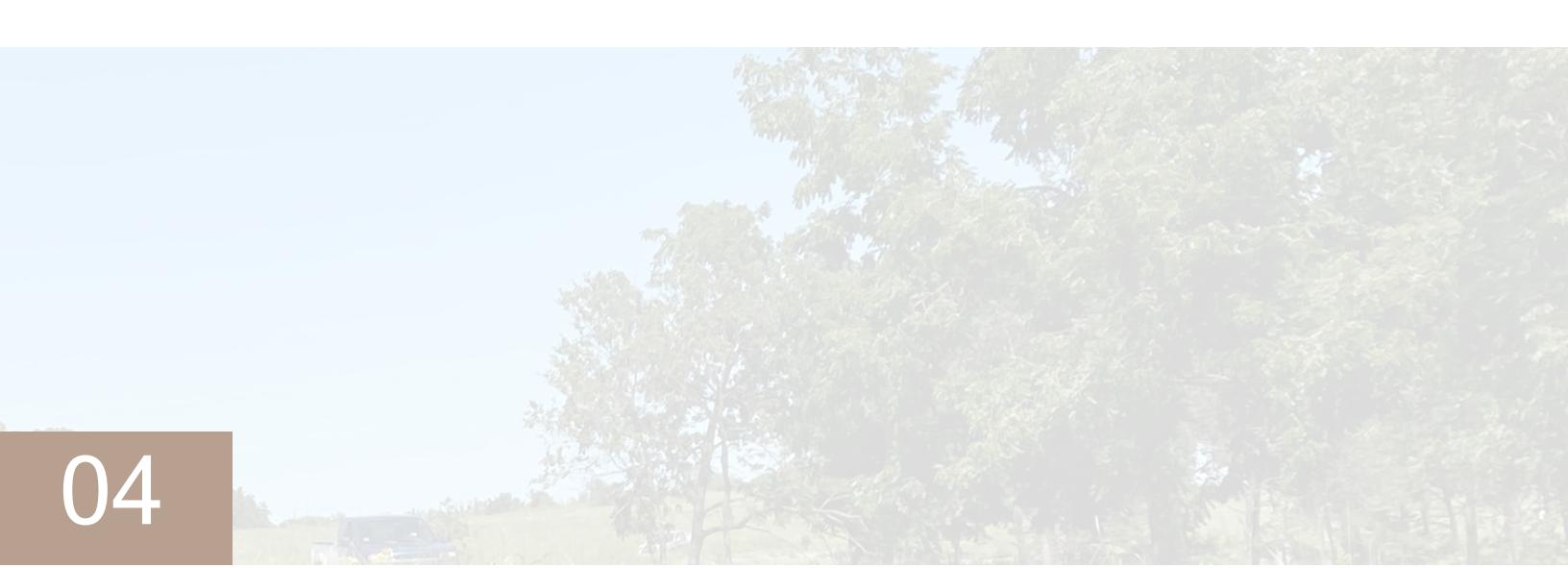
"Formalize gravel bike loops on the surrounding scenic gravel roads as an additional park amenity"

"I'd like it if the roads that go through the park were paved"



*“ The park should stay as natural as possible. The park is a gem and all of its diverse and unique habitat should be protected ”*

*- Polco Questionnaire Respondent*



# EXISTING CONDITIONS

## OVERVIEW

Miesville Ravine Park Reserve's landscape is outstanding; its rugged terrain and remote location contribute to its high ecological quality. However, these features also create some challenges for visitors, who sometimes feel uncertain navigating to the park reserve, while traveling for miles on gravel roads from the nearest town. While seasoned outdoor enthusiasts may feel comfortable traversing the site off-trail, not everyone feels comfortable exploring this way, and the trail system is not well-developed. Accessibility is also an issue; the existing natural surface trails do not allow for ADA access to most of the park reserve. Portions of Miesville Ravine Park Reserve do not have good cell coverage, making internet access spotty and exacerbating feelings of unease for some users. These issues offer a jumping-off point for potential improvements that could make visiting more inclusive and welcoming.

Improving amenities and increasing visitorship to Miesville Ravine Park Reserve comes with its own set of considerations, given the park reserve's cultural features and quality natural resources. Any future recreation development must take care to first avoid potential impacts, and if avoidance is not possible, then it must try to find ways to minimize and mitigate impacts.

### THE EXISTING CONDITIONS CHAPTER EXPLORES THE FOLLOWING TOPICS:

***Existing Conditions:*** a description of existing recreational facilities within the park reserve today.

***Existing Programming:*** current park reserve programs.

***Natural Resources Inventory:*** a summary of existing natural resources in the park reserve, including areas with high erosion potential, high biodiversity, and native plant communities.

***Existing Cultural Resources:*** summary of known cultural resources in the park reserve, including historical resources that are known to be significant to the area.

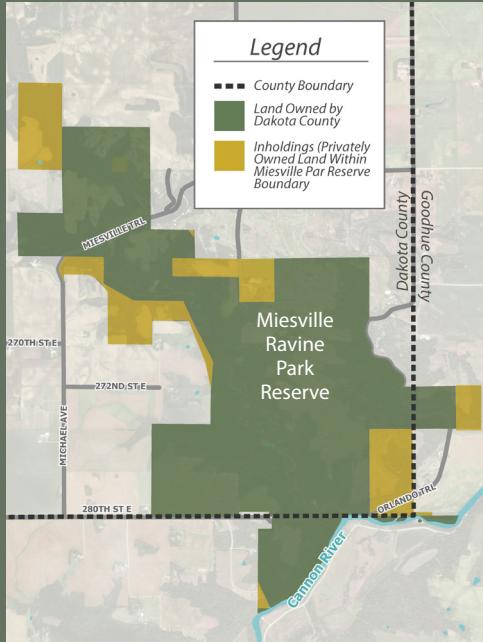
***Cultural Landscape Significance:*** a description of cultural and historic artifacts that exist on site today and their significance to the park reserve's story.

***Issues and Opportunities at Miesville Ravine Park Reserve:*** a summary of issues and opportunities -- as heard from Dakota County staff, key stakeholders, and the public -- to be addressed in this plan document.

## MIESVILLE RAVINE PARK RESERVE GENERAL INFORMATION

### Park Reserve Size: 1,667 acres

- Dakota County Owned Land:
- Inholdings (privately owned land within official park reserve boundary):



### Natural Features:

- Water Surface Area:
- Topographic Change:

### Park Reserve Access:

- North Parking Lot along Orlando Trail
- South Parking Lot along Orlando Trail
- Public Water Access along the Cannon River

### Recreation:

- % Land Area Developed for Recreational Use:

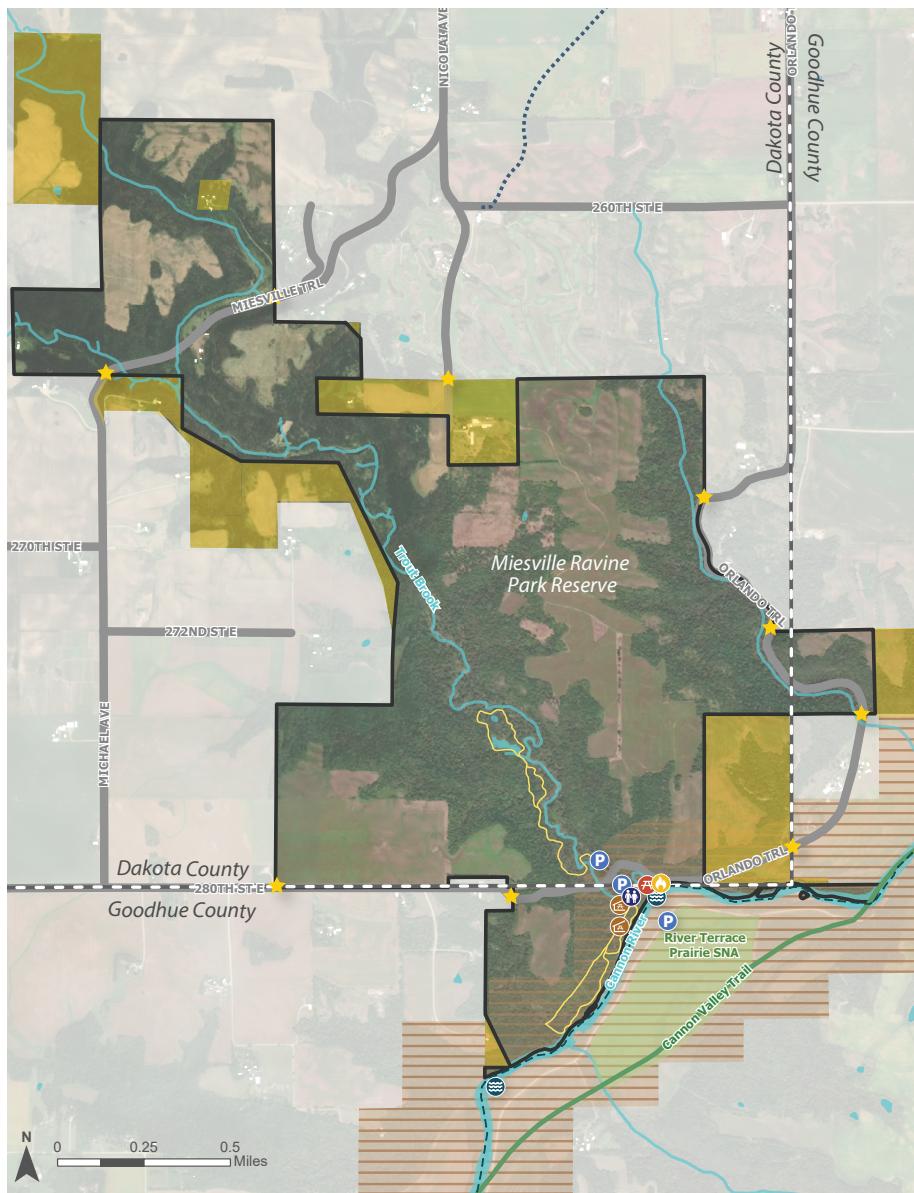
## EXISTING PARK RESERVE CONDITIONS

At over 1,600 acres, Miesville Ravine Park Reserve is vast and showcases a variety of landscapes. Habitats range from oak forests to open prairies, dry rocky savannas to floodplain wetlands, small seeps to reaches of navigable river that attracts tourists and outfitters from around the region. The park reserve's steep terrain has limited development, leaving much of the landscape relatively free from disturbance. Large restoration efforts have taken place over the years to bring formerly cultivated fields back to vast expanses of tallgrass prairie.

While it lacks a large trail network, the park reserve offers rustic access to the beauty of Trout Brook, the Cannon River, and the striking landscapes through which they flow. Trout Brook and its seeps, springs, and tributaries have cut steep ravines down from the park reserve's upland terrace, which has been restored to tallgrass prairie, but is difficult to access. Two miles of natural surface trail loops wind through lowlands along waterways and provide connections to two shelters and a restroom building. Development is currently restricted to the southern half of Miesville Ravine Park Reserve, with most amenities south of Orlando Trail. Only a small gravel parking lot and about a mile of trails (including a short boardwalk) exist north of Orlando Trail. A utility right-of-way separates the southern wing of the park reserve, clear cutting through the native canopy cover. Just upstream from the confluence of Trout Brook and the Cannon River is a water access point with an eroding stream bank. A small picnic area with tables, limited restroom facilities, a fire ring, and waste receptacles is available nearby.

Park Area	Visitor Facility	Description	Year Built
South Park	Gravel Parking Lot North	Gravel lot with adjacent small picnic area provides trail access and Trout Brook access.	
South of Orlando Trail	Gravel Parking Lot South	Gravel lot with one signed ADA parking space and room for about 20 vehicles. Access to trails, Trout Brook, picnicking, restrooms, and Cannon River water access from here.	
South of Orlando Trail	Trailhead	Located at south parking lot. Kiosk and waste receptacles.	
South of Orlando Trail	Public Water Access	Steep and eroding water access on the Cannon River	
South of Orlando Trail	Fire Ring	Simple fire ring located near the water access	
South of Orlando Trail	Picnic Tables	Wooden picnic tables near the water access. No ADA tables observed.	
South of Orlando Trail	Restrooms	ADA-accessible vault restroom building with two toilets	
South and North of Orlando Trail	Trails	Mixture of gravel and turf trail loops, with a short boardwalk, totalling 2 miles	
South of Orlando Trail	Picnic Shelter 1	50'x30' open air shelter with electricity, used for event reservations	
South of Orlando Trail	Picnic Shelter 2	40'x20' open air shelter with electricity, used for event reservations	
South of Orlando Trail	Trout Brook Bridge	ADA-accessible steel and wooden bridge connecting the trailhead to picnic shelters, restrooms, and Cannon River trails	

Table 4.1 Existing Facility Inventory



#### Legend

County Boundary	Open Water	Water Trails	Site Access Points	Fire Ring	Toilet
Existing County Ownership	Wild and Scenic River Designation	Snowmobile Trails			
Inholdings, Private Property Within Park Boundary	Scenic and Natural Areas (SNA)	Greenways	P		
		Park/Hiking Trails		PA	PS

Figure 4.1 Existing Conditions

## EXISTING PROGRAMMING

Miesville Ravine Park Reserve has limited organized educational programs and activities. Occasional county-led walks through the park reserve help to introduce new visitors, but no regular programming is currently offered. Trout fishing is popular among those in the know, and Trout Unlimited has participated in and funded restoration projects within the park reserve. Tubing and paddling the Cannon River are popular ways for visitors to arrive utilizing private outfitters and or personal equipment, but the county does not sponsor trips or provide tubes or kayaks.



Existing restrooms



Cannon picnic shelter



Fire ring and picnic area



Cannon River tubing drop-off site (informal)



## ACCORDING TO THE DAKOTA COUNTY PARK SYSTEM PLAN:

"The park reserve is named for a spectacular 200-foot deep ravine, through which the pristine Trout Brook flows to the Cannon River. The park includes several bluffs, side ravines, and Cannon River frontage. The park landscape is defined as lightly glaciated, characteristic of the high-relief terrain of southeastern Minnesota bluff country and unique in the metro area. The park has a rich natural diversity, ranging from oak forests to open grassy areas, dry rocky hillsides to wet floodplain, and small spring-fed creeks to sections of navigable river. The park has abundant and diverse wildlife populations and an impressive natural stand of white pines near the center of the park on the west side of the large ravine. Trout Brook supports a naturally reproducing population of brook trout."

## NATURAL RESOURCES INVENTORY

A Natural Resource Management Plan for Miesville Ravine Park Reserve was undertaken concurrently with this plan and can be consulted for additional detail on the park reserve's existing and proposed native plant communities, water quality, and related topics. It was an invaluable resource for this plan's development when considering how best to preserve the park reserve's high quality natural areas, while investing in suitable access and amenities.

The following pages highlight key maps that illustrate natural resource-related considerations within the park reserve. Understanding these maps helps to identify optimal locations for future recreation while being conscious of protecting and further enhancing the integrity of its natural resources.



## CURRENT PLANT COMMUNITIES

As part of the Miesville Ravine Park Reserve Natural Resource Management Plan, current plant communities were assessed and classified. The resulting maps were based on 2021 field visits, desktop data, and staff input. Desktop data included Minnesota Land Cover Classification System (MLCCS) data, DNR Native Plant Community (NPC) mapping, historical aerial imagery, and 2-foot elevation contours. An existing vegetation layer was created in GIS using the MLCCS layer and was manually updated according to the other data sources. Land cover was classified based on a simplified version of MLCCS and NPC classifications to provide meaningful and legible mapping at a reserve-wide scale.

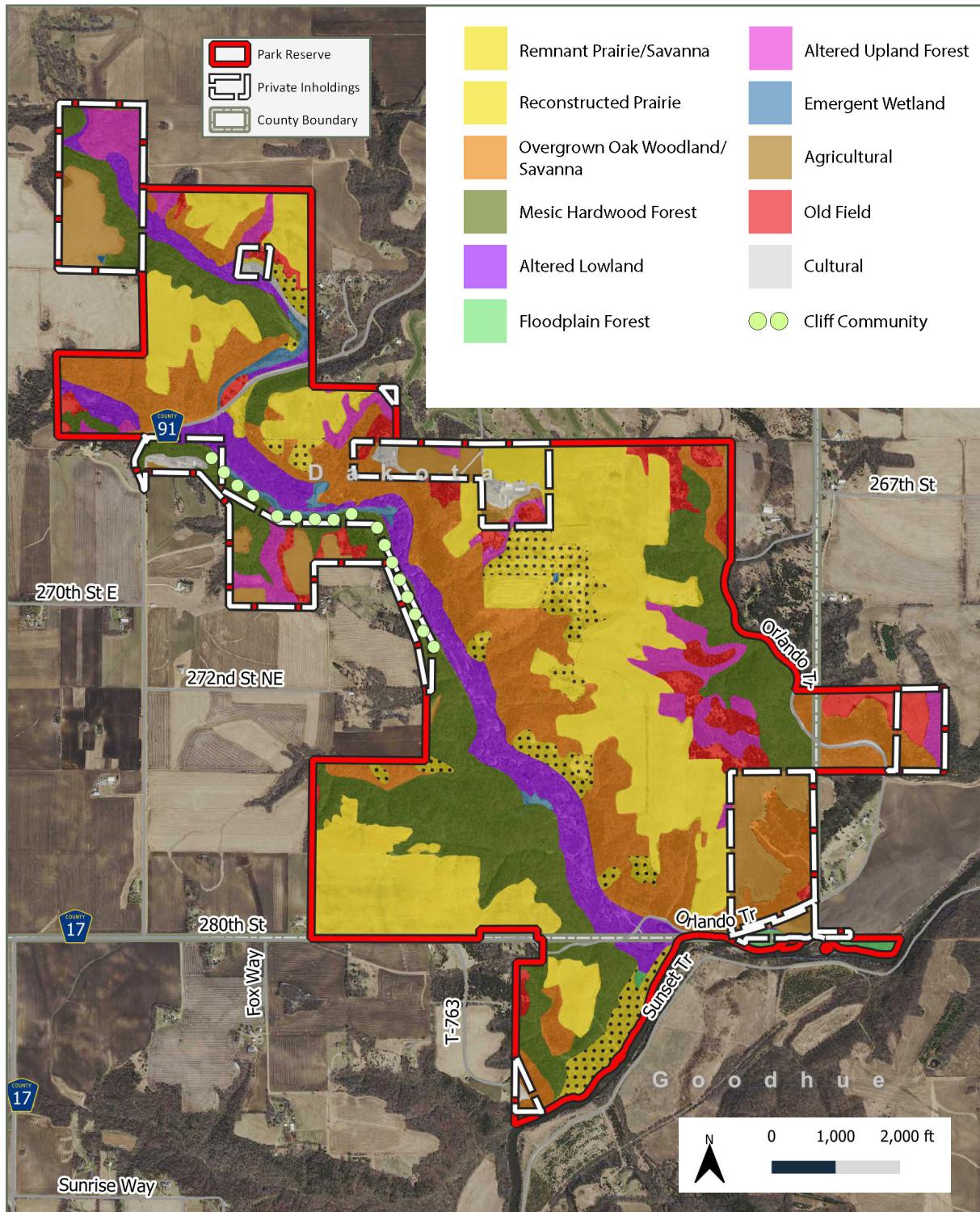


Figure 4.2 Existing Vegetation

## ENDANGERED, THREATENED, AND SPECIAL CONCERN SPECIES

The National Heritage Information System (NHIS) provides information on rare plants, animals, and native plant communities across Minnesota. A map of the park reserve's high quality native plant communities can be found in Figure 4.4. While there are no endangered species reported in Miesville Ravine Park Reserve, there are a dozen threatened or special concern species. Trout Brook's coldwater stream ecosystem supports several rare species of mussels. Blanding's Turtles and Ozark Minnows also use this important habitat. The park reserve's forests support populations of American Ginseng, and its bluff prairies host populations of Kitten-tails and are home to gopher snakes.

Species (Name)	Status
Ozark Minnow	Special Concern
Kitten-tails	Threatened
Blanding's Turtle	Threatened
Gopher Snake	Special Concern
American Ginseng	Special Concern
Fluted-shell	Threatened
Round Pigtoe	Special Concern
Black Sandshell	Special Concern
Mucket	Threatened
Spike	Threatened
Ellipse	Threatened
Creek Heelsplitter	Special Concern

Table 4.2 NHIS List of Endangered, Threatened, and Special Concern Species



Kitten-tail



Blanding's Turtle



Ozark Minnow



American Ginseng



Gopher Snake

## ANIMALS OF MIESVILLE RAVINE PARK RESERVE

*Placeholder: Content for this section is being developed and will be included in the final plan*



BEAVERS  
“CÁPA”  
IN DAKOTA

X

*Image caption*

*Image caption*

*Image caption*

## MINNESOTA COUNTY BIOLOGICAL SURVEY (MCBS)

The MCBS maps native plant communities that are defined as either outstanding or high quality. The following map represents the native plant communities that are classified as high quality within Miesville Ravine Park Reserve. No plant communities were identified as outstanding.

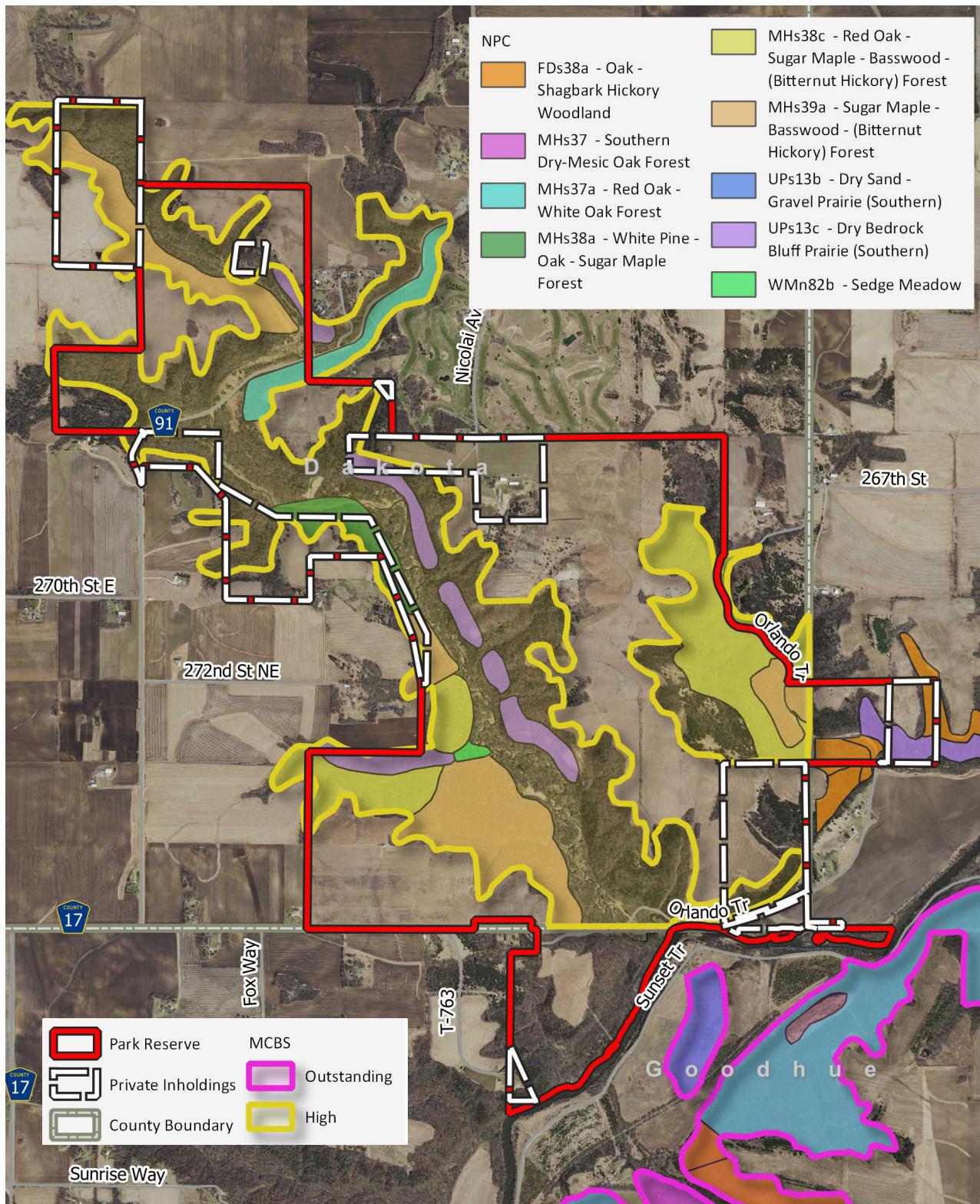


Figure 4.3 Minnesota County Biological Survey- High Quality Native Plant Communities

## AREAS WITH HIGH BIODIVERSITY SIGNIFICANCE

The MCBS classifies areas of "High Biodiversity Significance" where there are "sites containing very good quality occurrences of the rarest species, high-quality examples of rare native plant communities, and/or important functional landscapes." Within Miesville Ravine Park Reserve, these areas add up to more than 1,000 acres, or over 2/3 of the park reserve. Most of the acres considered to have high biodiversity significance are within a half mile of Trout Brook, and almost completely encompass the steep slopes of the ravine. Since the last MCBS mapping, the large patch of former agricultural field on the park reserve's upper terrace has been restored to tallgrass prairie, and has been deemed as having a high biodiversity significance by Dakota County's natural resources staff and the consultants working on the park reserve's NRMP.

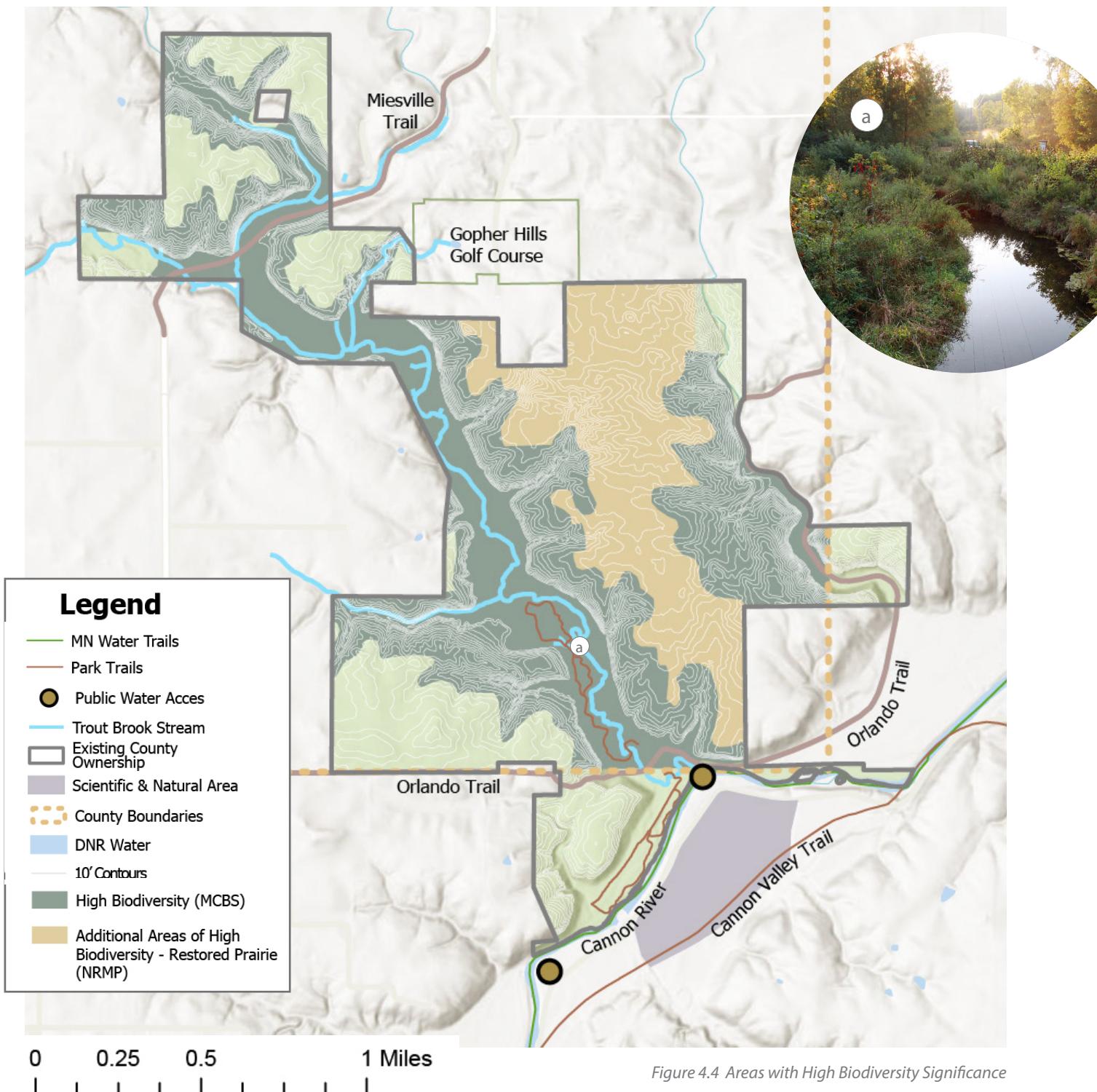


Figure 4.4 Areas with High Biodiversity Significance



*Fly fishing in Trout Brook*

## THE CANNON RIVER WATERSHED

Trout Brook drains into the Cannon River and is part of the Cannon River watershed, but Trout Brook collects water from a subset of this land, called a subwatershed. Miesville Ravine Park Reserve is located at the bottom of this subwatershed, a natural oasis in the midst of a matrix of plowed agricultural fields. Runoff from rainfall can travel a long way before it reaches Trout Brook, picking up pesticides, fertilizer, and carrying sediment along the way. This also means that Trout Brook receives a large volume of water from across the subwatershed during large rainfall events, making it vulnerable to erosion along its banks.

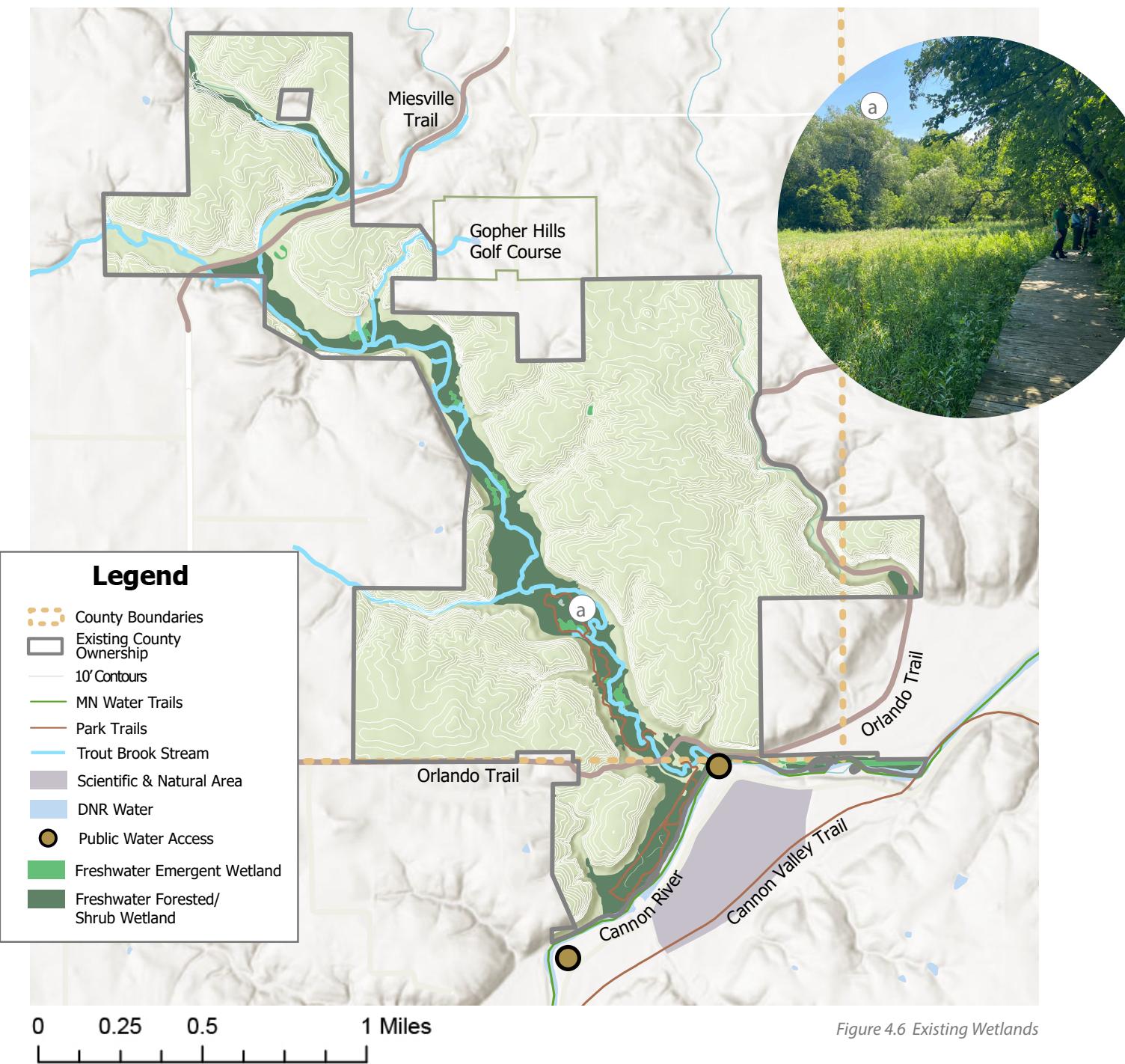
While streambank restoration projects can help to improve the way Trout Brook handles water within the park reserve's boundary, many of the issues that impact the stream, such as nutrient and sediment loads, cannot be resolved without broader interventions. Groundwater sensitivity in the park reserve and across the watershed makes the water table susceptible to pollution. Partnering with the Dakota County Soil and Water Conservation District (SWCD) on initiatives that educate residents on sustainable land management and provide incentives to undertake projects is an important part of keeping Trout Brook a quality trout stream.



*Figure 4.5 Trout Brook Subwatershed Map*

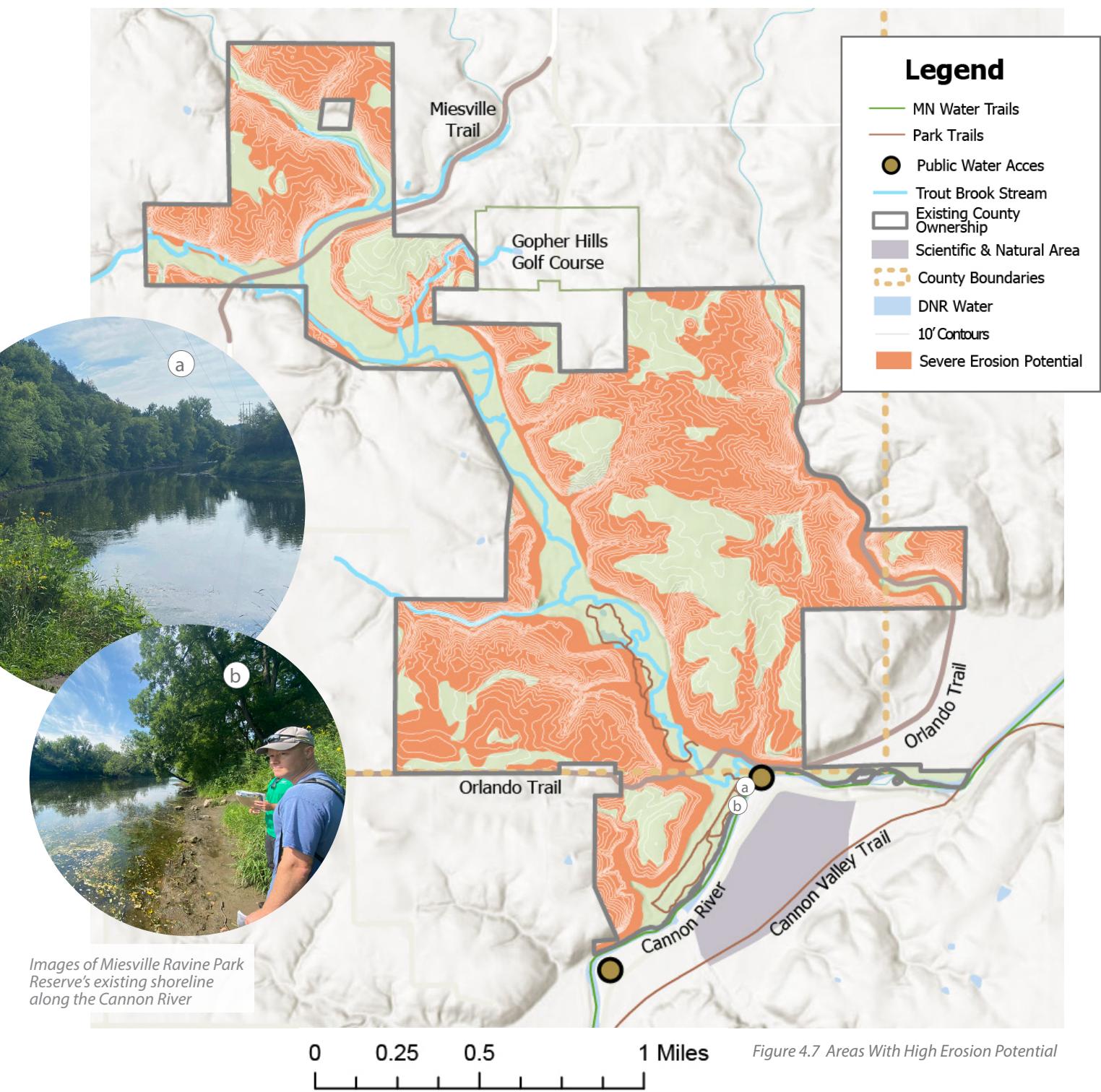
## WETLANDS

Wetlands play an important part in this coldwater stream ecosystem. When properly functioning, the wetlands surrounding Trout Brook are connected to the stream's banks, and as rainstorms raise the water level in the channel, it overflows across the adjacent wetlands, where the water can spread out, pool and be absorbed. Wetlands function as sponges, storing excess water during rainstorms and keeping it from rushing down the channel of the creek and eroding the banks. While many of the wetlands within the park reserve have been preserved, most wetlands that were part of the broader watershed were drained to make way for agricultural fields. This has increased the speed and volume of runoff that reaches Trout Brook, which has resulted in erosion. When erosion gets severe enough, the strembanks become too deep and disconnect from their adjacent wetlands, exacerbating the problem. Stream restoration reconnects the floodplain wetlands to the strembank so they can resume their intended function.



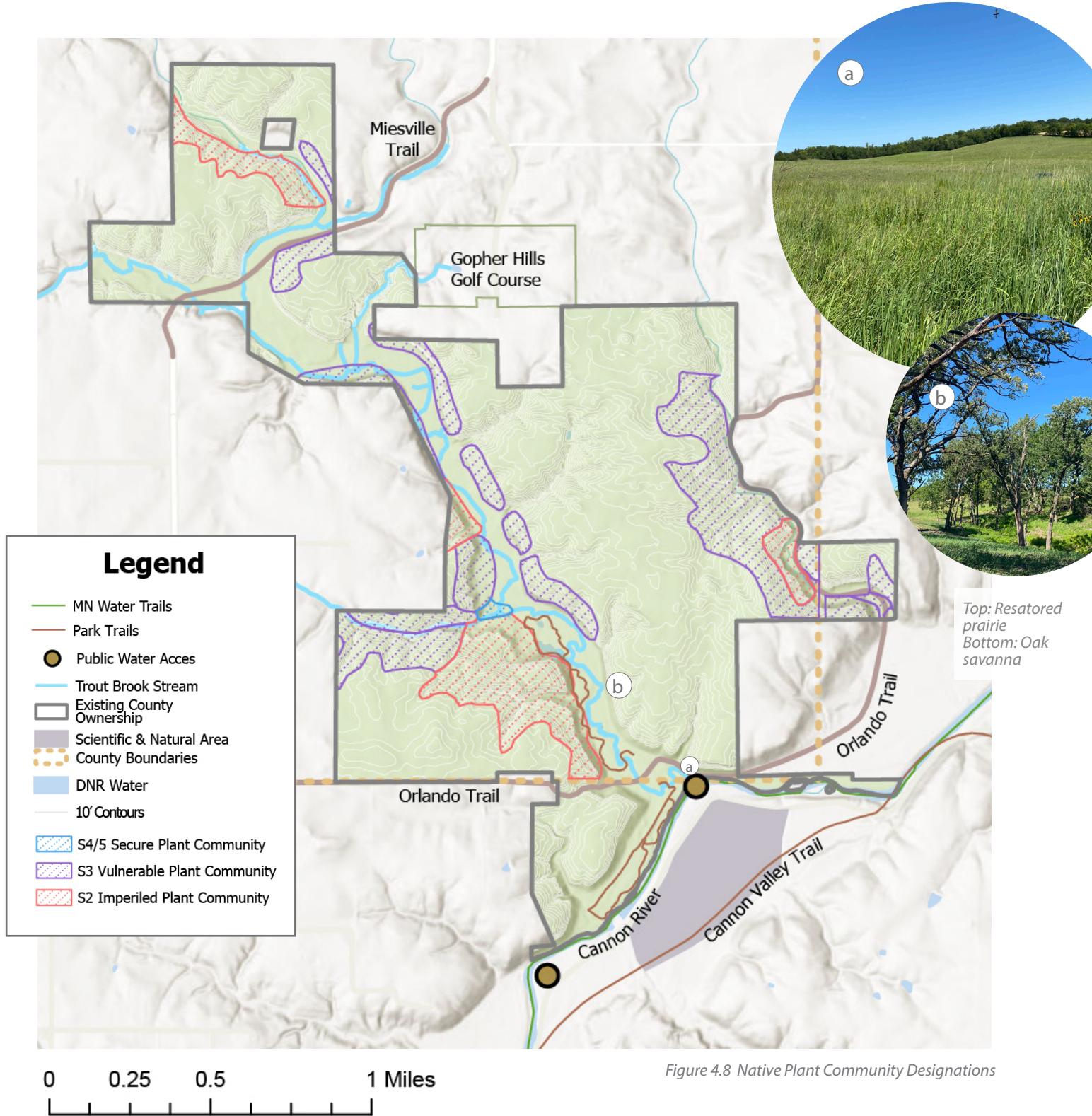
## AREAS WITH HIGH EROSION POTENTIAL

This map highlights the areas of the most severe erosion potential within Miesville Ravine Park Reserve. It can be seen from the map that a majority of the land in the park reserve is highly erodible. Any development that occurs in these areas will require erosion-control measures and careful monitoring to keep up with maintenance needs. This map takes into consideration soil types, soil textures, and existing grades, which is why areas along the edges of the steep ravine show the most potential for erosion.



## NATIVE PLANT COMMUNITY VULNERABILITY DESIGNATIONS

Native plant community designations are based on the vulnerability to loss, local extirpation, or extinction of a specific native plant community from Minnesota. Within Miesville Ravine Park Reserve, the community most at risk (S2) consists of a sugar maple/ basswood forest system. Bluff prairies and oak maple basswood forests between the bluffs and prairies are ranked S3, which is still a vulnerable native plant community. There is only one area considered to have a "secure native plant community," and that is in the middle of the park reserve just north of the furthest extent of the trails. Vulnerable and imperiled plant communities make up 481 acres of the park reserve, more than one-third of the total area.



# EXISTING CULTURAL RESOURCES

## RESOURCES AND THE RIVER—THE STORY OF MIESVILLE RAVINE PARK RESERVE

The history of Miesville Ravine Park Reserve is the story of land use and preservation. One of the defining topographic features of the park reserve—the dramatic valley of Trout Brook—has attracted people for thousands of years. In addition to the history of resource exploitation, there is another story—a story about how people and nature have interacted to preserve resources for future generations. These stories are made tangible by the narratives, buildings, structures, objects and sites within and surrounding the park reserve. Today, people continue to be attracted to this special place. The natural and cultural landscapes combine to provide a sense of the long history of the lands that make up the park reserve.

### TROUT BROOK VALLEY

At the south end of the park reserve, the spring-fed Trout Brook flows out of the valley and joins the Cannon River. The valley, with its year-round water supply and connection to the Cannon River, has attracted people to the area of the park reserve throughout time. Evidence from archaeological sites along the Cannon River, on terraces just east of the park reserve as well as two sites within the park reserve itself along Trout Brook on terraces just above the water level, indicate that the area was used by Native American cultures for thousands of years. Trout Brook and the Cannon River provided people with food, drinking water, water for cooking and for bathing, and medicinal plants.

The surrounding environs provided resources for fuel, tools, weapons and shelter.

Most of the archaeological sites surrounding the park reserve were recorded in the mid-1970s during the Statewide Archaeological Survey. The purpose of this survey was to identify new archaeological sites as well as further document existing ones. Because of this survey, we know more about the Native American groups who lived in the area of Miesville Ravine Park Reserve.

### TROUT BROOK VALLEY AND NATIVE AMERICAN PRESENCE

At the south end of Miesville Ravine Park Reserve, the spring-fed Trout Brook flows out of the valley and joins the Cannon River. The valley, with its year-round water supply and connection to the Cannon River, has attracted people to the area throughout time.

Dakota people hunted game in the Trout Brook area into the 1860s. Native Americans continue to care for these lands as they have for time immemorial.



# CULTURAL LANDSCAPE SIGNIFICANCE

## ARCHAEOLOGICAL SITES NEAR MIESVILLE RAVINE PARK RESERVE

Two archaeological sites have been recorded within the boundaries of the park reserve. Both sites are located along the Trout Brook Valley and are on terraces 10 to 20 feet above the current water level. Both sites are what archaeologists refer to as "lithic scatters," which consist of the pieces of fractured rock left over from the manufacture of stone tools and sometimes the stone tools themselves (though in these cases, no tools were identified). The stone for these fractured rock pieces was readily available from the surrounding landscape. One of these two sites identified within the park reserve is thought to have been a winter camp, visited seasonally over a number of years.

A total of nine archaeological sites have been recorded within one mile of the park reserve, most of which are within just a few hundred feet of the park boundaries. Five of these sites are located along the south side of the Cannon River, and one is located along the north side of the river, immediately southeast of the park reserve.

The other three sites are located on terraces overlooking the Cannon River to the east of the park reserve. Because the steep slopes of the Trout Brook Valley have served to protect the valley from intensive farming and other ecological impacts, its diverse ecological system has been preserved and, aside from the steep, eroding banks of the stream itself and invasion of exotic species, may today look much like it did in the past when Native American first occupied these lands.

Of the sites recorded within one mile of the park reserve, seven are lithic scatters. The eighth site contains numerous projectile points and pieces of pottery, and a nearby ninth site consists of a mound, one of nearly 700 that were recorded along or near the Cannon River during the late 1800s. The presence of these sites, which contain evidence of hunting, cooking, tool manufacture and burial of the dead, indicates that Native American occupation of the park reserve area was not fleeting, likely due to the area's rich resources that provided food, water, shelter, tools, weapons and fuel.

## TRADITIONAL CULTURAL PROPERTIES AND CULTURALLY SENSITIVE AREAS

In September 2022, The Upper Sioux Community (USC) conducted a traditional cultural property (TCP) survey within the publicly owned portions of Miesville Ravine Park Reserve. This study was carried out to begin the process of identifying TCP and culturally sensitive areas (USC 2022). TCPs are associated with the cultural practices, traditions, beliefs, arts and crafts and other institutions of a native community. Culturally sensitive areas are locations that either contain some elements of a TCP or are near existing TCPs. In addition, culturally sensitive areas contain a TCP that has not yet been identified. The TCPs and culturally sensitive areas within the park reserve are different from archaeological sites and should be managed through ongoing consultation with USC (USC 2022).

USC identified 73 features comprising nine TCPs, all of which are categorized by USC as containing or potentially containing burials (USC 2022). Additionally, a culturally sensitive area was identified as likely containing TCPs, but these TCPs were not visible at the time of USC's survey (USC 2022). Additional TCPs may be present on private land within the park reserve.

## NATIVE AMERICAN ARTIFACTS

The mound groups present along the Cannon River and its tributaries, the presence of pottery in at least one site near the park reserve, as well as the presence of Traditional Cultural Properties (TCPs) within Miesville Ravine Park Reserve, indicate that Native Americans were present throughout this landscape during or after the Ceramic/Mound Stage.

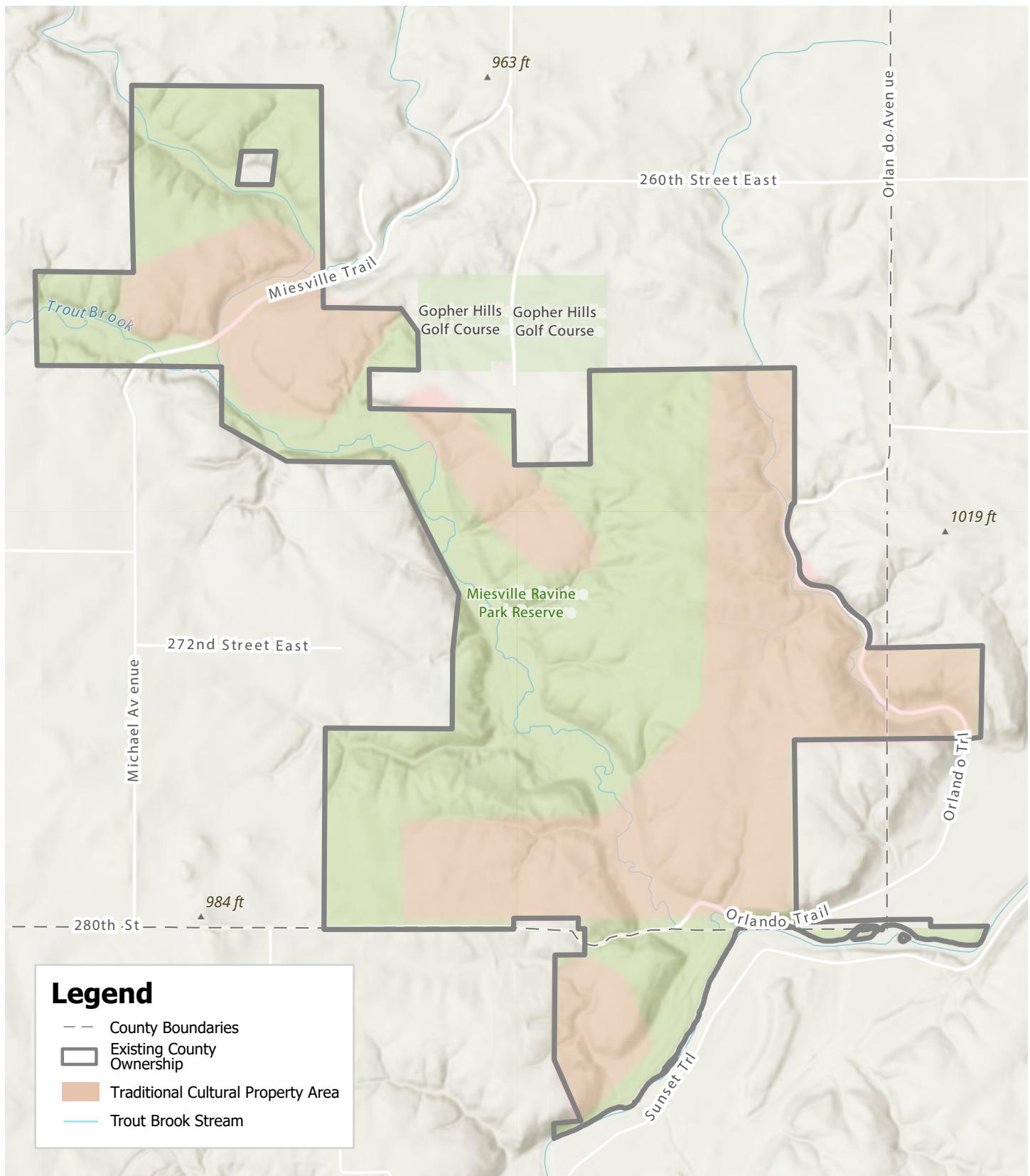
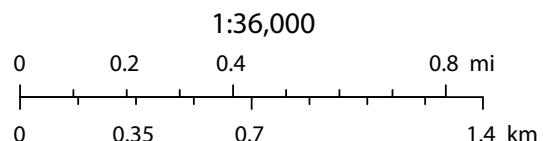


Figure 4.9 Cultural Resources Summary Map



## NATIVE AMERICAN OCCUPATION

The mound groups present along the Cannon River and its tributaries, the presence of pottery in at least one site near Miesville Ravine Park Reserve, as well as the presence of two archaeological sites within the park reserve, indicate that Native Americans occupied the greater park reserve area during or after the Ceramic/Mound Stage. The presence of archaeological sites made up of only stone materials suggest this occupation may have occurred earlier as well.

As its name implies, the Ceramic/Mound Stage corresponds to the time when Native Americans in the Midwest began making pottery and building earthen mounds, between 3000 and 900 years ago. This period corresponds to the time when the Maya settled the Yucatan peninsula, Homer wrote the Iliad and the Odyssey and construction began on both the Roman Colosseum and the Great Wall of China. During the latter portions of this stage, the manufacture of pottery, domestication of plants and construction of burial mounds within a pattern of sedentary village life became typical for Native American groups in the area, though adoption of these elements would not necessarily be immediate or concurrent. In the earliest portions of this stage, it is likely that, while mounds were constructed and pottery was made, daily life was not too distinct from the earlier Archaic Stage.

The Archaic Stage, ranging from about 8000 to 3000 years ago, is characterized by new techniques in the creation and use of stone tools, diverse and specialized hunting and gathering practices, and mobile or semi-mobile groups that moved around the region following game. Specialized hunting of large grazing animals, like bison, was common.

In the late 1650s or early 1660s, French fur traders began operating in Minnesota. By the late 1670s, merchants from Canada had created a company to trade furs with Dakota people. During this period of trade, European goods and influences became more widely available to the Dakota, though some Dakota people had traveled east earlier and encountered Europeans. Many parts of Native American life changed during this period of European interaction: massive depopulation due to disease or warfare, hunting animals for fur trade as opposed for subsistence use, and the adoption and use of Europeans materials, such as iron, glass and porcelain.

The Dakota people hunted game in the Trout Brook area as late as the 1860s. It is likely, therefore, that Native American groups used the resources of the Trout Brook Valley consistently between the Archaic Stage, the Ceramic/Mound Stage, and the 1860s, when they were forcibly removed.

## TROUT BROOK

When the first Euro-Americans came to the area surrounding Miesville Ravine Park Reserve in the mid-1800s, they found it equally as inviting as the Native American settlers to the area and for many of the same reasons. In addition to a year-round water-source, they found prairies for farming and forests to supply the timber needed for building and fuel. Trout Brook provided food. As these new settlers began to plow the land and harvest the trees, they changed the landscape surrounding the valley. The woods that once covered all of the uplands surrounding Trout Brook were cut for timber or burned for pasture until the remaining trees were those that clung to the steepest hillsides; the bluffs were repeatedly plowed and planted. Without trees and other vegetation to hold the land in place, severe erosion began—gouging the land and moving soil and gravel into the waterways. Soon, the railroad blazed its path through the southern portion of the future park reserve. Yet, throughout this period, Trout Brook Valley remained largely unaltered: While its precipitous topography rendered it attractive in the physical sense, it kept the valley itself from being an attractive location for farming or settlement.

## THE PATTERN OF EARLY EURO-AMERICAN SETTLEMENT IN DOUGLAS TOWNSHIP

In the mid-1800s, the park reserve area was largely prairie, with the upland areas surrounding the river being deciduous savanna giving way to deciduous forest nearest the waterway. Expansive prairies bordered the park reserve to the southwest and northeast, and open river bottoms were present along the south edge of the reserve where Trout Brook joins the Cannon River. At this time, during the original land grant survey, the surveyors of Douglas Township recorded no settlements, trails or evidence of permanent human habitation. The first Euro-American settlers of the township soon followed, with Hugh McKay making the first recorded claim in Section 4 in the spring of 1854.

## FAMILY FARMS

During the original land grant survey, the surveyors of Douglas Township recorded no settlements or trails. The first Euro-American settlers of the township, however, soon followed, with Hugh McKay making the first recorded claim in Section 4 in the spring of 1854



A former farm structure is still present on the prairie terrace

A screenshot of a digital map titled "Exploring Miesville Ravine Park". The map shows a green terrain with various farmstead locations marked by small black dots. A legend at the top indicates "Historical Context" and "Natural Resources". On the left, there are three image thumbnails: "Farm History" (showing old farming implements), "Farm equipment relics" (showing a piece of old farm equipment), and "Farm foundation remnants" (showing a concrete foundation). A text box in the "Farm History" section reads: "Old farming implements offer a glimpse at how the land was used in the early-mid 20th century." A "x" button is visible in the bottom right corner of the map area.

Farm equipment relics

A screenshot of a digital map titled "Exploring Miesville Ravine Park". The map shows a green terrain with various farmstead locations marked by small black dots. A legend at the top indicates "Historical Context" and "Natural Resources". On the left, there are three image thumbnails: "Farm Remnants" (showing a concrete foundation and a cottonwood mark), and "Farm foundation remnants" (showing a concrete foundation). A text box in the "Farm Remnants" section reads: "Remnant foundations and a lone cottonwood mark a historic farmstead on the bluff." A "x" button is visible in the bottom right corner of the map area.

Farm foundation remnants

The initial European-American settlement of Douglas Township was to the north of the park reserve. An 1881 account of the township states, "The south-eastern part of the town is very rough, rendering cultivation of portions of sections 28, 24, 25, and 26 impracticable." Though much of the area west of Trout Brook appears to have been settled by 1874, the area of the park reserve was slow to follow (Hoenck 1874). The only feature recorded on the 1874 map within the boundaries of the present park reserve is a trail that crosses diagonally from northeast to southwest across Section 26. This trail connected Trout Brook with the town of Miesville to the north of the park reserve and demonstrates the continued importance and enjoyment of the resources provided by the brook to people living in the area. William LeDuc recounted a fishing expedition to Trout Brook in 1855. The trail connecting the brook with town is still present today as Miesville Trail.

## FARMING IN MIESVILLE RAVINE PARK RESERVE

By 1879, the character of the land surrounding the Trout Brook Valley had begun to change. A plat map dating to that year indicates the presence of five farmsteads within the Dakota County portion of present-day Miesville Ravine Park Reserve. The Minnesota Historical Society does not have an 1879 plat of Goodhue County. These farms were owned by E. Almgreen, John Estergreen, Stephen Gardner, Eri Cornell and E. W. Grosvenor. A farmstead was located in the Goodhue County portion of the park reserve by 1894, and it was owned by "Jas Lawther." By 1896, the Cornell farm was gone; the Grosvenor farm had become the John Ludwig farm; the Almgreen farm had become the Arthur Nelson farm; the Stephen Gardner farm had become the William Knoblauch farm; and new farms had been established by John Green and D. L. Thompson in the Dakota County portion of the park reserve. All seven farms present as of 1896 remained as of 1916, though ownership of the John Estergreen, John Green, D. L. Thompson, and Jas Lawther farms had been transferred to N. Nelson, And Nelson, N. A. Larson and O. N. Larson, respectively. In addition, it is possible that John Ludwig may have moved his house or constructed a new house slightly to the north, based on the location of the building on the 1916 plat map. Most of the early farmers likely engaged in wheat farming, as that was the predominant crop grown in the state between 1860 and 1880.

One of the farms, however, was of a different sort. In the 1870s, E.W. Grosvenor ran a trout farm in Section 27 at the head of Trout Brook. There, he raised trout in a fish house that he constructed for that purpose, feeding them on milk curd, eggs and beef liver. The farm was described in an 1873 newspaper article:

[The fish-house] is, perhaps, forty feet wide by one hundred feet long, merely a frame with roof, and sides roughly boardered. Across this building are constructed troughs, watertight, the bottom covered with gravel, and through which the water is allowed to flow to the depth of four to six inches. In these troughs are the young trout to the number of forty thousand, which are now about three-quarters of an inch in length.

...Besides this house two ponds or tanks have been constructed, with fall enough to carry the water from one to the other, to which may be added others, as it shall be determined to raise one, two, three, four, or five year old trout.

...There are some three hundred trout kept in reservoirs for breeding purposes, varying in size from four to eight inches, who dart with great velocity for their feed, or playfully and sometimes listlessly sport in the transparent water.

Recent aerial photographs show that three of the early farmsteads remain on private land within the park reserve. These farmsteads, along with those in Douglas Township outside of Miesville Ravine Park Reserve, speak to the recent history of the area, which largely retains its rural character today.

## CONSERVATION

By the late 1910s, the people of Minnesota were already beginning to realize the negative impacts that agricultural practices were having on the delicate landscape of southeastern Minnesota, and efforts began to reverse them. Major efforts were begun in the 1940s by Richard J. Dorer, who at that time, worked for the Division of Game and Fish of the Minnesota Department of Conservation. Dorer, a conservation activist who would subsequently work for the Minnesota Department of Natural Resources, was passionate about conservation education, wetlands protection and forest conservation. When he retired from the Department of Natural Resources in 1958, as president of the Minnesota Division of the Izaak Walton League, he began a major crusade to create a "public forest-playground" along the Mississippi River from Hastings, Minnesota, to the Iowa border. Working with other conservationists, such as Edward Franey, Dorer obtained the necessary funds and support, and in 1961, the Minnesota Memorial Hardwood Forest was established as a "memorial to the early Minnesota pioneers and soldiers in all wars."

Over time, the forest has been restored through forest conservation practices, revegetation, repair of eroded stream banks, construction of water control structures and the implementation of less harmful agricultural practices. After Dorer's death in 1974, the Minnesota Memorial Hardwood Forest was renamed the Richard J. Dorer Memorial Hardwood State Forest in his honor.

## THE CHICAGO MILWAUKEE & ST. PAUL

In 1884, the Chicago Milwaukee & St. Paul Railway Company constructed a rail line from Cannon Junction (Red Wing) to Northfield through the Cannon River Valley, with the railroad grade passing through the south end of the park reserve along the north side of the river. This rail line, with connections to both Minneapolis and St. Paul, would likely have served the local farmers in distributing their goods to the more urban areas of the state.

Though the tracks of the Cannon Falls to Northfield portion of the route were taken up in 1918, the portion that ran through the park reserve, from Cannon Falls to Red Wing, continued to be used until 1937. In that year, the Chicago Milwaukee & St. Paul Railway Company (which had become the Chicago Milwaukee St. Paul & Pacific) obtained rights to use the tracks of the Chicago Great Western Railway Company, located on the south side of the river, and therefore abandoned its tracks through the Cannon River Valley.



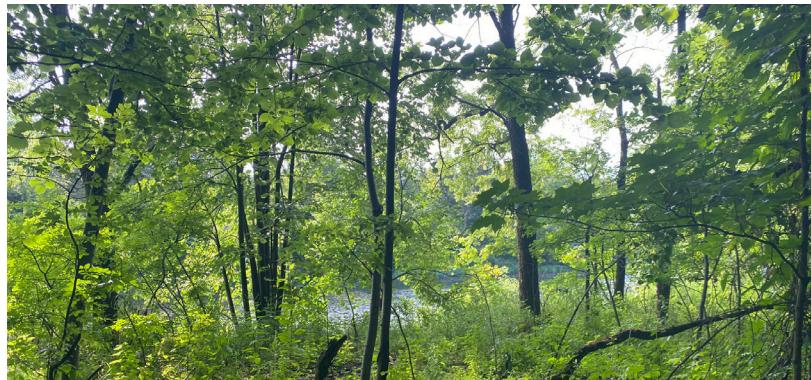
Remnant Prairie



Restored Tall-grass Prairie



*Oak Savanna*



*Mesic Hardwood Forest*



*Floodplain Forest*

## TROUT BROOK

Trout Brook is a Minnesota Department of Natural Resources Designated Trout Stream. Designated Trout Streams are established with the purpose of protecting and fostering the propagation of trout. During the spring and fall, Trout Brook serves as a purely recreational resource, with only catch-and-release fishing allowed. In the summer, it becomes a combination recreational and food resource but with a limit on the number of fish taken per person each season. Ongoing conservation and restoration efforts could help visitors experience the recreation and beauty of Trout Brook and Miesville Ravine Park Reserve.

# ARCHAEOLOGICAL POTENTIAL SUMMARY

In April of 2004, the project archaeologist conducted a windshield survey of the Miesville Ravine Park Reserve to identify areas of low and high archaeological potential. In addition, the project archaeologist compared historical documentation, such as plat maps and aerial photographs, with current field conditions to assess the potential within the park reserve for intact historical archaeological sites. In the fall of 2022, a project archaeologist refined this summary based on additional desktop research.

Areas of higher archaeological potential were generally defined as the undisturbed portions of the park reserve:

- within 500 ft. (150 m) of an existing or former water source of 40 acres (19 hectares) or greater in extent, or within 500 ft. (150 m) of a former or existing perennial stream;
- located on topographically prominent landscape features;
- located within 300 ft. (100 m) of a previously reported site; or
- located within 300 ft. (100 m) of a former or existing historic structure or feature (such as a building foundation or cellar depression).



*Farm Equipment on the prairie terrace*

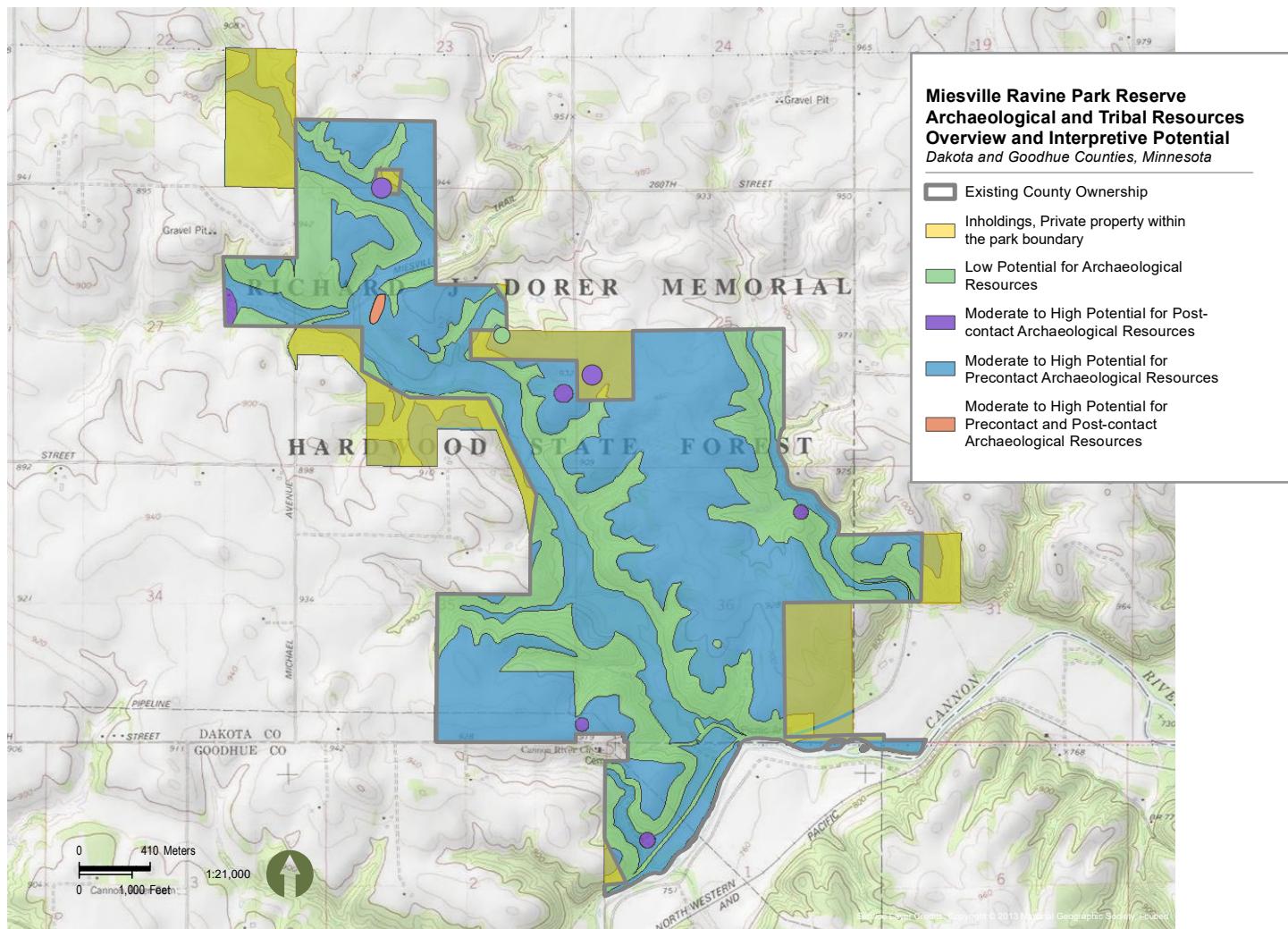


Figure 4.10 Archaeological Potential Summary Map



Trout Brook

Areas defined as having a relatively low potential for containing intact archaeological resources included inundated areas, former or existing wetland areas, poorly drained areas and areas with a 20 percent or greater slope. Low potential areas and areas in which Holocene (less than 10,000 years old) deposits have been significantly disturbed are defined as having little or no potential for containing intact archaeological resources.

Miesville Ravine Park Reserve consists of woodlands; farmsteads and associated agricultural fields; former gravel mining areas; a portion of Miesville Trail and other roads; park buildings; Trout Brook; an intermittent stream and wetlands. The southern edge of the park borders the Cannon River. The topography of Miesville Ravine Park Reserve is extremely variable, with the high bluffs surrounding the Trout Brook Valley sloping steeply down to the valley floor. The bluff tops are undulating, while the valley floor tends to be more level.

The only apparent areas of severe disturbance to the landscape are former gravel mining sites toward the northwest and northeast corners of the park reserve. Based on the level of disturbance in these areas, they are considered to have low potential for intact archaeological resources. The construction of park reserve buildings, roads and the railroad would also have had moderate to severe impacts on the landscape, depending on the depth to which excavations and other ground-disturbing activities occurred. These locations, therefore, are also considered to have low potential for intact archaeological resources.

The locations of the eight former and existing historical farmsteads within the park reserve, including the farmstead that was removed between 1879 and 1896, likely suffered impacts during the late nineteenth century through the construction of the house and associated outbuildings. These locations are considered to have low potential for intact precontact archaeological resources; however, because these locations do not appear to have suffered significant impacts subsequent to the late nineteenth century, these locations are considered to have high potential for intact historic period archaeological resources. The intact foundations of the Jas Lawther/O. N. Larson (and later Minnie Larson) farm remain in the Goodhue County portion of the farm just west of the railroad grade. In addition, two farmsteads constructed in the 1970s and a structure depicted on the 1974 topographic map of the area are, due to their location, are considered to have low archaeological potential. The remainder of the park reserve, not having been occupied during the historic period, is considered to have low potential for containing historic period archaeological resources.

The bluffs within Miesville Ravine Park Reserve are close to and overlook Trout Brook, the Cannon River and an intermittent stream in the eastern portion of the park reserve. Portions of these bluffs in the southeast portion of the park reserve are within 500 ft. of previously recorded archaeological sites. Except for the gravel mining site and the farmsteads mentioned above, the bluffs are largely undisturbed, as it appears that impacts are limited to those caused by cultivation. While plowing fields and harvesting crops cause disturbance to the top layers of soil in a given area, the possibility remains that intact archaeological resources remain buried beneath the plow zone. Based on the topographic prominence of the bluffs and their proximity to the Cannon River, two of its tributaries and previously recorded archaeological sites, as well as the overall lack of disturbance to these locations, the bluffs are considered to have high potential for intact precontact archaeological resources.



Floodplain



Cannon River shoreline

The valley bottom within Miesville Ravine Park Reserve is the site of Trout Brook, which is bordered in many places by slightly higher, flat terraces. These terraces, protected by the steep slopes of the valley, are undisturbed. Previously recorded archaeological sites were located on similar terraces on the south side of the Cannon River approximately 400 ft. from the southeasternmost portion of the valley floor within the park. Based on the lack of disturbance to these terraces; their proximity to Trout Brook and previously recorded archaeological sites, and their similarity in topographic location to terraces where those sites were found, they are considered to have high potential for intact precontact archaeological resources.

The remainder of the park reserve consists of the steep slopes down to the valley floor, the tributaries of the Cannon River and associated wetlands. These locations would have been unsuitable for occupation and are, therefore, considered to have low potential for archaeological resources.

One additional historical resource that bears further consideration is the Miesville Trail. This trail connected

Trout Brook with the town of Miesville to the north of the park reserve and demonstrates the continued importance and enjoyment of the resources provided by the brook to people living in the area. William LeDuc recounted a fishing expedition to Trout Brook in 1855; the trail connecting the brook with the town is still present today. If federal funds or permits are required for future work in the park reserve, and the trail may be affected by that undertaking, it may be necessary to determine if the trail is eligible for listing on the National Register of Historic Places.

For those portions of Miesville Ravine Park Reserve considered to have high archaeological potential, 106 Group suggests that consideration be given to identifying the actual location of archaeological sites to try to prevent potential looting. In addition, if site identification has not previously occurred and ground-disturbing activities within the areas of high archaeological potential are planned, identification of archaeological sites within the areas of impact should be conducted. For portions of the Miesville Ravine Park Reserve that are within or in proximity to TCPs or culturally sensitive areas, 106 Group suggests ongoing consultation with USC to properly manage these areas.



*Before and after landscape images*



## FROM FIELDS TO PRAIRIE

Since the 2005 master plan, hundreds of acres of former agricultural fields atop the bluff have been restored to prairie.

# ISSUES AND OPPORTUNITIES AT MIESVILLE RAVINE PARK RESERVE

The following issues and opportunities were compiled from information gathered through site visits, conversations with county staff, geographical information system mapping, and community engagement.

## FACILITIES AND AMENITIES

### Issues

- There are no facilities or public access sites at the northern end of the park reserve.
- Existing facilities and visitor areas do not have a strong connection to the Cannon River.
- Parking lots can fill on summer weekends.
- No drinking water.
- Limited cell service.
- Existing amenities are spread out and don't interact with each other.
- Increased visitors will require additional facilities like picnic shelters and restrooms.
- Electrical line easement clear cuts through the park reserve and is an eyesore.

### Opportunities

- Directly connect amenities to the parking lots and to one another.
- Add rental facilities to support programming (backcountry skis and snowshoes, paddlecrafts).
- Add unique amenities like a sauna to attract visitors.
- Evenly disperse amenities throughout park reserve to support visitors.
- Partner with nearby golf course to utilize club house for daily park reserve visitation or programmed events.

## INTERPRETATION AND EDUCATION

### Issues

- Little interpretation about the ecology and restoration efforts happening in the park reserve.
- No water trail map for the Cannon River, difficult to navigate or know how long routes/floats are. Limited water trail support facilities.

### Opportunities

- Educate visitors on the uniqueness of the bluff prairies and other habitats within the park reserve.
- Explore history of old farmsteads on the upper terrace.
- Provide information on trout streams and their importance, supplemented by learn to fish programs.
- Explore the role of Native Americans in this landscape.
- The prairie here is more expansive than the one at Spring Lake Park Reserve. If bison introduction goes well there, and access and infrastructure needs can be accommodated, there is an opportunity to explore bison reintroduction at Miesville Ravine Park Reserve.
- Interpret the historic railbed that serves as the park reserve's main Cannon River walk trail.
- Possibilities to explore include virtual tours, designated areas for drone use, a park reserve perimeter driving tour with trailhead/rest area stopping points, or potential cart tours of the prairie terrace.



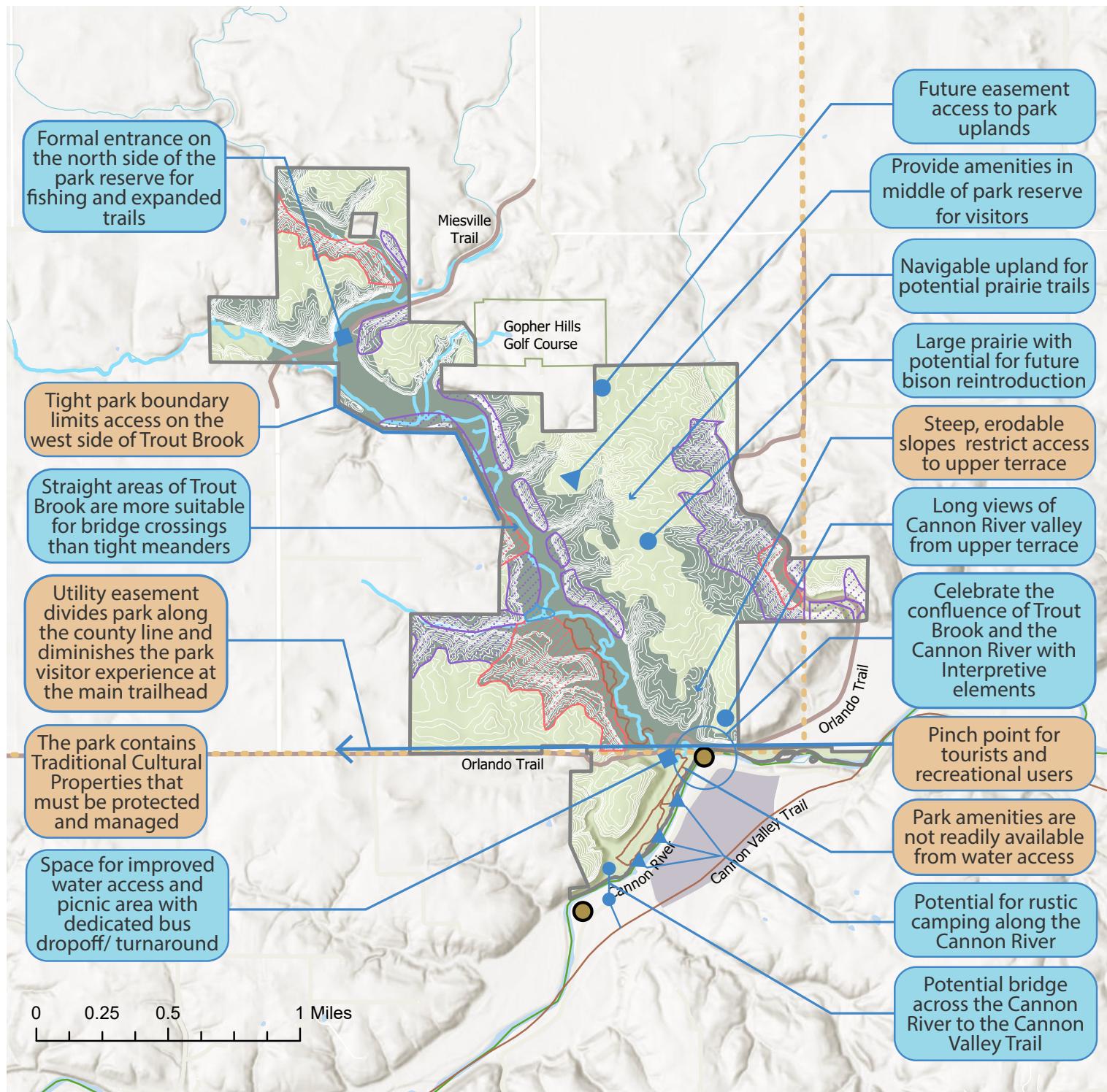
Existing trail wayfinding



Eroded public water access site



Trout Brook footbridge damage



## Legend

County Boundaries	MN Water Trails	Scientific & Natural Area	High Biodiversity (MCBS)
Existing County Ownership	DNR Water		
Issues	Trout Brook Stream	S4/5 Secure Plant Community	Additional Areas of High Biodiversity - Restored Prairie (NRMP)
Opportunities	10' Contours	S3 Vulnerable Plant Community	
	Public Water Access	S2 Imperiled Plant Community	

Figure 4.11 Issues and Opportunities Diagram



Existing electric line easement



Small wayfinding trail sign

## CONNECTIVITY AND CIRCULATION

### Issues

- Remote location, gravel roads, steep terrain, and lack of clear wayfinding signage makes arrival at the park reserve feel unwelcoming to some.
- Park reserve is vast and has no public access in the northern two-thirds.
- Hard to tell where the boundaries are.
- Access to the Cannon River from the parking lots is difficult.
- Influx of traffic from Cannon River tubing overwhelms the park reserve at times. Outfitter drop-off on Miesville Trail outside of the park reserve is a potential safety concern and contributes to river bank erosion down stream from Miesville Ravine Park Reserve's boundary. No dedicated bus access within park reserve.
- Expanding the limited trail network will require clear signage, but will want to limit clutter.
- Some bridges on Trout Brook are in poor condition and beginning to wash out from beneath.
- Steep slopes throughout the park reserve make access to the upper terrace difficult and accessibility near impossible.
- Access to certain areas needs to be restricted during the hunting season.

### Opportunities

- Improve access road, add signage, and design park reserve entry to be more welcoming.
- Name parking lots for clarity.
- Potential to provide multiple smaller parking lots to reduce impacts and get visitors closer to their destinations.
- Consider whether to provide bus access for paddlers and tubers within the park reserve boundary.
- Incorporate ADA access where feasible- adding flat terrain trail loops, improved access to high amenity areas, and strategic ADA-fishing platforms.
- Explore the possibility of trailhead access to the upper terrace via an access easement near the prairie's northern edge.
- Provide access to the park reserve's upper terraces with minimal impact to natural ecosystems and cultural sites. Possibilities to explore include virtual tours, designated areas for drone use, multiple small trailheads connected by public roads surrounding the park reserve, and cart tours.
- Create a northern parking lot as a gateway to the north half of the park reserve. Expand trail access.
- Create environmentally sensitive overlooks and areas of prospect/refuge off of trail loops both within the ravine and on the upper terrace.
- Site bridges in locations that do not exacerbate streambank erosion while allowing for natural stream meandering.
- Create a new trail connection across the Cannon River to the Cannon Valley Trail.

## WATER QUALITY AND NATURAL RESOURCES

### Issues

- Erosion along Trout Brook and the Cannon River is a problem in high traffic areas.
- Trout Brook Stream is critical habitat to two types of trout, one native and the other introduced.
- Areas of the stream wash out due to high water volume during rain events and disconnection to the floodplain (need to disperse energy).
- The park reserve offers nearly ideal beaver habitat but they have been viewed as a pest and not as the ecosystem asset that they are or have the potential to be.
- Maintenance access road to the high bluff prairie is deeply rutted.
- While not pristine, the park reserve is a natural oasis surrounded by agriculture which can have detrimental effects on water quality.
- The park reserve has many acres of Imperiled and Vulnerable Native Plant Communities that require protection.
- Trout Brook's watershed is large and land upstream is predominately privately owned. Any land management decisions that may improve water quality and reduce flooding are reliant on private landowner actions.

### Opportunities

- Restore stream geomorphology and hydrology as much as possible. Use bioengineering techniques and other proven methods. Also consider new methods of stream restoration that include restoring beaver to the system, as is being successfully implemented throughout the country, for instance at Bridge Creek, Oregon.
- Create a formal canoe/kayak launch to reduce erosion.
- Celebrate the confluence of Trout Brook and the Cannon River with interpretive elements.
- Create a fishing platform to reduce erosion.
- Public/private partnerships to clean and protect Trout Brook starting at the top and within the greater watershed.
- Introduce bison to graze on the high prairie.
- Opportunity to continue restoring habitat within the park reserve.
- Partner with the local watershed organization to educate and offer incentives to landowners to encourage best management practices.

## RECREATIONAL OFFERINGS AND PROGRAMMING

### Issues

- Park reserve is remote and few programmed recreational opportunities exist, resulting in low awareness and lower visitorship than desired.
- Introduction of new amenities needs to respect natural and cultural resources, which require special consideration.
- Current trail mileage of just over two miles offers limited exploration of the park reserve.
- Less than five percent of the park reserve is accessible to visitors.
- Existing wayfinding maps are difficult to for many visitors to use.



Informational sign about protecting water quality



- Park reserve does not have basic facilities such as indoor shelter, running water, bus drop-off, and equipment storage needed to support guided programs.
- Visitors arriving via the water access site along the Cannon River are separated from the park reserve's amenities.

## Opportunities

- Miesville Ravine Park Reserve is directly adjacent to the Cannon Valley Trail and River Terrace Prairie Scientific & Natural Area and has the opportunity to make trail and/or bridge connections.
- Opportunity for rustic paddle-in/cart-in/bike-in campsites as part of the Cannon River Water Trail. None between Lake Byllesby and Red Wing.
- Increase awareness and market the park reserve as a destination on a day or weekend trip in the Cannon River Valley.
- Add outdoor recreation-focused programming: birding, fishing, guided hikes, paddling, night sky viewing/stargazing (see figure 4.12).
- Add intro to camping, fishing, and orienteering programs to get new generations comfortable with outdoor recreation.
- Improve the water access and add picnicking and gathering space along with easily accessible amenities.
- Add shore fishing platform upriver from the water access, where people are already fishing.
- Add hiking trails in currently inaccessible areas of the park reserve. Theme loops to create interest and let people know level of difficulty.
- Build partnerships with compatible organizations for birding, fishing, paddling, and other programs.

## HISTORIC AND CULTURAL SITES

### Issues

- While Dakota presence in Miesville Ravine Park Reserve and throughout the Cannon River Valley is documented, it is up to the Dakota People to tell the story of the land's significance to past, present, and future generations.
- The park reserve contains Traditional Cultural Properties that must be protected and managed.
- Stories of early Euro-American settlement in the park reserve and the Miesville area are not well known.

### Opportunities

- Guided and self guided interpretation of historic and cultural history and significance.
- Expand relationships with local Tribes, exploring opportunities for co-management of the park reserve's cultural sites and natural areas, and native-led programming within the park reserve.

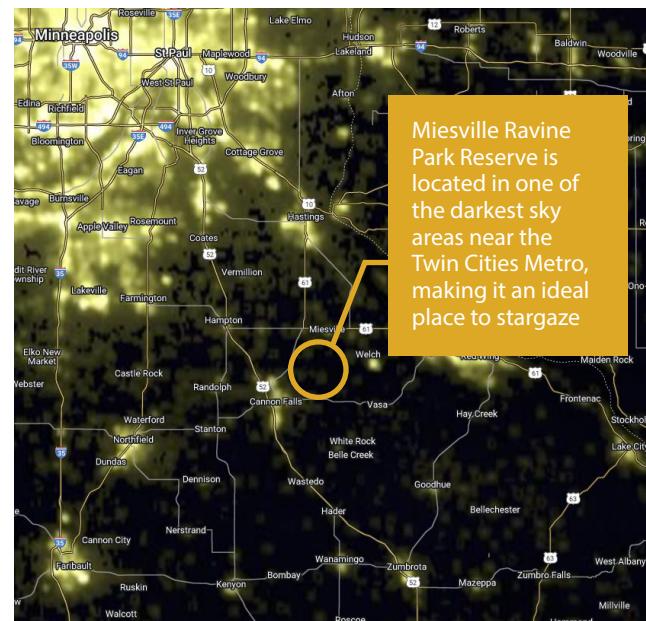


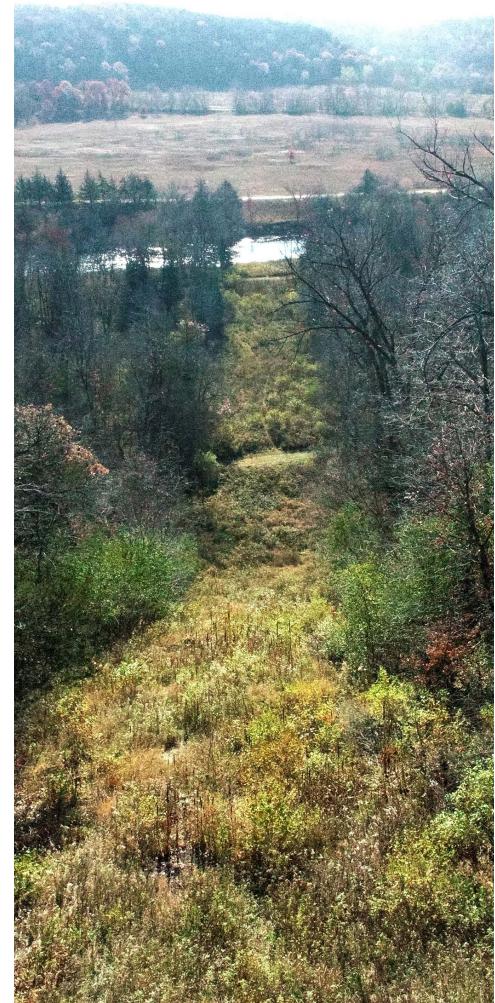
Figure 4.12 Stargazing Map

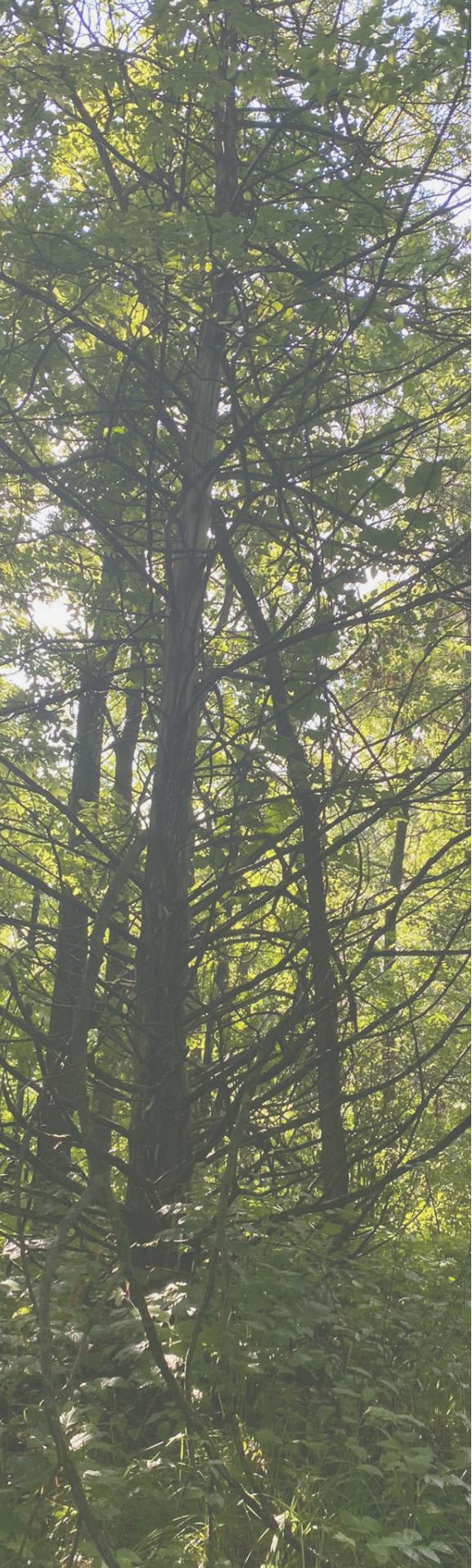
# VISION AND GUIDING PRINCIPLES OVERVIEW

In order to put detailed ideas into an appropriate context, this chapter describes the “big picture” thinking that will guide future park reserve development and programming recommendations. By clearly stating Miesville Ravine Park Reserve’s vision and guiding principles, this chapter sets the foundation for the remainder of the document, in which specific amenities, programs, and methods of stewardship in line with the sentiments of this chapter are proposed for future investment.

## THE PURPOSE OF THIS CHAPTER IS TO:

- describe the long-term vision for the park reserve;
- identify the over-arching approach to the development, programming and management of the park reserve for the next ten years;
- identify guiding principles that have directed suggestions in this document and will guide investments in the park reserve





## APPROACH

Miesville Ravine Park Reserve's remote setting and expansive natural resources are key to its charm, but distance from the Twin Cities population core, lack of visitor facilities, and limited activities has resulted in lower number of visitors than other Dakota County Parks. The plan's three-part approach seeks to direct financial and staff resources in a way that maintains the park reserve's high quality landscapes, while increasing awareness and visitor services:

1. Continue to stabilize and preserve the park reserve's natural and cultural resources through invasive species control, habitat restoration, respectful siting of features, sustainable construction practices, strategic acquisitions, and stewardship outreach with neighboring landowners.
2. Provide thoughtfully integrated, accessible amenities that welcome a broader range of users into the park reserve, including those who may not feel equipped to explore Miesville Ravine currently.
3. Embrace Miesville Ravine's remote setting within the Dakota County park system as a landing pad where visitors are given the tools and the space to get comfortable exploring wild landscapes.

As more people look to the natural world for respite from increasingly urbanized lives, places like Miesville Ravine Park Reserve become even more precious. Outdoor recreation should not feel exclusionary; everyone deserves access to the knowledge, resources, and tools that allow them to enjoy the outdoors. By investing in preservation while revealing the wonders of Miesville Ravine to more people by removing barriers to access, we can create a new generation of stewards for this remarkable landscape.

## VISION & GUIDING PRINCIPLES

The vision statement and guiding principles establish the foundation for this plan. The vision statement succinctly expresses the master plan intent while the guiding principles identify broad directives for development and management. Together they have guided what is proposed within this plan

and will continue to guide decision making related to park development and management through the life of this document.

### VISION STATEMENT

*Miesville Ravine Park Reserve is a healthy and diverse ecosystem whose habitats are protected by strategic preservation and restoration, where native flora and fauna can flourish. Access to and through the park reserve is sensitively expanded in order to improve visitors' experience of this unique landscape, while preserving its wilderness character. The park reserve supports programming and interpretation that expands people's comfort with and connection to the natural world, provides them a window into the past, and empowers them to be stewards into the future.*

## GUIDING PRINCIPLES

### **1. Complement the rustic setting and provide a strong sense of arrival with entry improvements.**

*Miesville Ravine is a dramatic landscape that inherently puts its visitors in a different frame of mind as they approach. The visitor experience starts well before reaching the park reserve's borders. Landscaping and signage should reflect the park reserve's wilderness feel, while guiding visitors where they need to go.*

### **2. Strike a harmonious balance between landscape preservation and human use.**

*Miesville Ravine's "park reserve" designation demonstrates that this place is about blending outdoor experiences with dedicated preservation of both natural and cultural resources. Because Miesville Ravine is an extraordinary and delicate ecological system with significant cultural sites, the potential impacts of providing human access must be weighed in every design decision.*

### **3. Celebrate the park reserve's rugged setting while making it more inclusive.**

*Improve access throughout the park reserve in a thoughtful, sustainable way. Make Miesville Ravine Park Reserve feel safe and approachable for users by adding amenities that improve visitor comfort and empower them to explore, while keeping their footprint minimal in order to preserve the wilderness feel of the broader park reserve.*

### **4. Program the park reserve, and its visitors, for success.**

*Provide facilities that enable the park reserve to be used as a home base for a variety of programs focused on helping visitors to comfortably navigate, respectfully explore, and learn to love the outdoors.*

### **5. Protect Miesville Ravine Park Reserve's vulnerable and imperiled habitats.**

*The park reserve's bedrock bluff prairies, maple basswood forests, and its coldwater stream are among the region's most sensitive ecosystems. The park reserve must be managed in order to sustain these important pieces of Minnesota's natural heritage, and the County must work throughout the watershed to mitigate further impacts to Trout Brook.*

### **6. Embrace the park reserve's proximity to the Cannon River.**

*Many of Miesville Ravine's visitors first experience the park reserve by arriving via the Cannon River. Offering a well-designed and accessible water access, convenient amenities, and dedicated circulation for water trail trips would provide invaluable services to visitors.*

### **7. Enhance Miesville Ravine's connection to the broader Cannon River valley.**

*The wealth of nearby recreation opportunities that span the Cannon River, from Lake Byllesby Regional Park to the bluffs of Red Wing, offers visitors a variety of experiences. Miesville Ravine Park Reserve's offerings should make it an essential destination as part of a day or weekend trip to the area, without having to provide all desired recreational amenities and experiences at Miesville Ravine Park Reserve itself.*

### **8. Highlight the park reserve's expansive upland terrace prairie.**

*After more than a decade of intensive habitat restoration, Miesville Ravine Park Reserve boasts the largest contiguous prairie in the regional park system. The establishment of this striking landscape is an achievement that deserves to be shared with visitors.*

### **9. Partner with those who have stewarded this landscape for generations.**

*Miesville Ravine Park Reserve exists as it does today, in large part, due to the kinship and care of native peoples. Dakota County recognizes the role that Traditional Ecological Knowledge has played in this landscape, and would like to strengthen its partnership with the Dakota people by providing opportunities for native-led care or co-management of portions of the park reserve.*

### **10. Protect the wilderness experience within the park reserve.**

*Visitors feel surrounded by wilderness in most places within the park reserve's boundary. Development within and at the fringes of the park reserve could severely impact that visitor experience. Maintain scenic views through vegetation management, ensure development within the park is suitably low profile, and pursue relocation of the power lines that cut through the park.*





# APPENDIX

## PHASE 1: COMMUNITY ENGAGEMENT APPENDIX

1. Stakeholder Meeting Summaries
2. POLCO Survey Results

### STAKEHOLDER MEETING SUMMARIES

#### Caminatas Domingueras - 5/29/2022

##### Attendees: Approximately 30

Caminatas Domingueras is a Latinx walking club. Members meet at parks in the Twin Cities metro area to walk on weekends. During and after the Miesville Ravine Park Reserve walk participants shared informal input regarding what they like about the park and what improvements they would like to see.

- The morning of the walk there was a severe weather warning. The walk was delayed until the storm passed. Participants sheltered in their cars as there is no shelter in the park. Because there is weak cell service in the park and on-site staff could not track the storm, a Dakota County Parks staff person at Lebanon Hills Regional Park phoned with weather updates.
- This walking group normally likes to walk 5 miles, Miesville only offers two miles of hiking trails.
- The mowed trails were wet, and one family had a child in a stroller. The stroller had to be carried in several places to avoid puddles and muddy conditions.
- Some participants walked down to Trout Brook. The best locations to access the brook were not obvious without a guide. Because of the wet conditions, the steep bank was slippery, and many participants chose not to go down to the brook.

- One participant said that she started walking to improve her health and she has improved her fitness because of regularly attending the walks.
- Many of the participants enjoy taking pictures of each other at scenic overlooks. More photo opportunities at scenic spots would be appreciated.
- The group gathered after the walk for coffee and snacks at the picnic table near the parking lot. Many mentioned that a more formal picnic area by the river and a playground would be great additions.

#### Huellas Latinas - 7/9/2022

##### Attendees: Approximately 30

Luisana Mendez leads Spanish Language Hikes in the Twin Cities. The Miesville hike was attended by families and youth participants in the US Fish and Wildlife Internship program.

- The Miesville hike was not as well attended as hikes in other parks, likely due to driving distance.
- None of the walk participants had been to Miesville Ravine Park Reserve before and were curious to know more about the Cannon River – basic information such as where to put in your canoe or kayak, what the name

of the river is, water conditions, distance to the next downstream boat landing are lacking. The morning of the walk there were many people tubing on the river, but no information in the park about how to participate in that activity.

- Desired improvements mentioned included: better trail wayfinding, better vehicular wayfinding, particularly after leaving the paved roads, improved riverfront picnic area.
- Desired activities: hiking, tubing, kayaking, foraging.

### Outdoor Career Success - 8/26/2022

#### Attendees: approximately 10 youth participating in the Dakota County Parks Outdoor Career Success Program

Participants had not been to Miesville Ravine Park Reserve but during their weeklong program had visited other Dakota County Parks.

After a brief introduction to the park and planning process, participants identified activities they may like to participate in if they did visit Miesville Ravine Park Reserve. (numbers indicate number of hands in favor of each activity).

- Hiking (2)
- Fishing (7)
- Picnicking (7) – shade and BBQ grills were mentioned as important
- Hanging out in nature (6)
- Canoeing, kayaking, or tubing on the Cannon River (9)
- Snowshoeing (5)

### MnDNR and Cannon Valley Trail Staff Listening Session - 11/7/2022 (teams meeting)

#### Attendees:

Taylor Huinker (Area Hydrologist MnDNR), Scott Roepke (Cannon Valley Trail Manager), Rachel Hintzman (MnDNR Parks and Trails Area Supervisor), Lil Leatham (Principal Planner, Dakota County), Niki Geisler (Parks Director, Dakota County), Grant Fleetwood (Parks Operations Coordinator), Sarah Evenson (HKGi)

#### Connection to the Cannon Valley Trail (CVT)

- Would give trail users another place to go and explore
- Miesville Ravine Park Reserve is a natural park which fits well with the natural character of the Cannon Valley Trail
- This area is mile 6 approximately (halfway between Cannon Falls and Welch), and so a natural stopping location
- Mile 6.1 there used to be an interpretive DNR loop that CVT wants to revitalize and revamp. Updated park plan

should note this location. There's a DNR road off Sunset Trail back to 6.1.

- This would be a good turnaround point for people to go back to Welch/Cannon Falls
- There is already a turnaround on the eastern half of the CVT and they've been looking for one on this western half
- Right now there's a small bench and kiosk at mile 6.1, but no restroom or water.
- Land between CVT and Miesville Ravine Park Reserve is MnDNR land (State Forest dept and SNA), so there's a possibility of a spur connection to the park
- The CVT master plan mentions connection to Miesville Ravine Park Reserve and it is still of interest
- Existing Cannon Valley Trail use
  - Mainly groomed for cross country skiing. The area near Miesville Ravine Park Reserve is groomed for cross country skiing
  - Some portions plowed for pedestrians
  - Some sections allow fat tire biking
  - Around 100,000 people per year pre COVID-19. Currently there are about 125,000 per year.

#### Cannon River

- Wild and Scenic River (WSR) designation is managed by Bob Storely from the MnDNR- Rachel will provide his contact and follow up with others, including the forester for the Richard J Dorer Memorial Harwood Forest, the MnDNR Area Fishing Supervisor, and Scientific and Natural Area Supervisor.
  - Canoe establishments in the WSR designation require a Conditional Use Permit (CUP). Inner tube establishments are prohibited.
- The purpose of the WSR is to limit intrusions on the scenic quality of the river, so crossings in any form should be heavily scrutinized. Some things we would be looking for would be that the crossing is placed close to an existing crossing or placed in the most unobtrusive location.
- If there are any new or reconstructed public roads in the WSR district, the local government must review and approve through a CUP.
- Dakota County and MnDNR have partnered on public water access sites before and would likely be interested in doing so at Miesville Ravine Park Reserve
- State water trails encourage sustainable public access regardless of water level
- More amenities you can provide, the better. Standard amenities include rest area, picnic tables, fire ring, drinking water, waste receptacles. Paddle camping is provided in some places and interpretation would be of interest

#### General Comments

- There are gravel road cyclists on the gravel roads around Miesville. The numbers of riders are not known; group rides and races are also present in the area

- Any work along trout stream needs a permit except for certain bridge designs.
- Scott Roepke lives close to Miesville Ravine Park Reserve. He forgets about it because it is so remote, but when he goes there, he fishes the trout stream. When fishing, you don't need any built facilities
- Rachel Hintzman has been to Miesville Ravine Park Reserve as ending point kayaking from Cannon Falls. Easy parking access is important as part of any paddle trip.
- Taylor Huinker has biked the CVT from Cannon Falls and agrees it would be to provide a connection to the park from the CVT.

#### Contacts for future follow up

- Cannon River State Water Trail, Sunset Trail Public Water Access Site, public water access partnerships
  - Bob Storlie, PAT Area Supervisor
  - bob.storlie@state.mn.us
  - 507-206-2845
- Richard J. Dorer Memorial Hardwood State Forest
  - Joe Brown, Forestry Area Supervisor
  - joseph.r.brown@state.mn.us
  - 507-522-5062
- Fishing
  - Kevin Stauffer, Area Fisheries Supervisor
  - kevin.stauffer@state.mn.us
  - 651-299-4032
- River Terrace Prairie SNA
  - Kit Elstad-Haveles, Regional SNA Management Supervisor
  - kit.elstad-haveles@state.mn.us
  - 651-259-5763

#### Cannon Falls Canoe and Bike Rental - 11/3/2022

##### (phone conversation)

Attendees: Lil Leatham, Principal Planner Dakota County and Willie Lacefield, owner of Cannon Falls Canoe and Bike Rental



Figure 5.3 CVT Mile 6.1

- Is interested in a boat launch within the park, both loading and pick up would be easier. Is supportive of concept in 2005 Miesville Ravine Park Reserve Master Plan
- The current location (on Orlando Trail outside of the park) works pretty well. The bad part is people with their own equipment park off to the side of the road for 2-3 hours. Also, people with their own equipment sometimes take a long time to get in/out of the water
- Requests for restrooms don't typically come up
- Doubtful the County will make any improvements before Willie Lacefield retires
- Cannon Falls Canoe and Bike Rentals does not keep records of how many people they are picking up at Miesville/renting equipment to
- He has 49 Kayaks (10 tandem, 20 six person rafts, and 32 canoes) on summer weekend all boats are in the river. The rafts are by far the most popular
- Would like to discuss concepts in the spring, in person meeting works best
- Is interested in more information about when the new Cannon River boat launch at Lake Byllesby Regional Park will open

#### Cannon Falls Chamber of Commerce - 11/4/2022 (phone conversation)

Attendees: Lil Leatham, Principal Planner Dakota County and Kayle Paulson, Cannon Falls Chamber of Commerce

- Currently the Cannon Falls Chamber of Commerce promotes the Lake Byllesby Campground. It is listed in the Discovery Guide (57,000 are distributed) and the campground brochure is distributed at the Chamber office.
- Dakota County cannot join the Chamber and staff devotes as much time as possible to the 191 paying members.
- The Chamber has been focusing on an advertising campaign which includes: AAA, Minnesota Monthly, MN Trails, Minneapolis St. Paul Magazine, and on-line advertising in the region (Iowa, North Dakota, South Dakota, and Minnesota).
- The Chamber has a billboard with the slogan "Worth the Trip"
- Hiking trails, water sports, and biking are all activities in the region that can draw visitors to the area.
- Chamber of Commerce members may be interested hearing more about potential future plans for Miesville Ravine Park Reserve at their April 18 breakfast meeting. Meeting agendas are planned 6 weeks in advance. Lil and Kayle will touch base at the end of January.

## Dakota County Public Art Citizen Advisory Committee - 11/15/2022

Lil Leatham introduced the Miesville Ravine Park Reserve planning project to the Public Art Citizen Advisory Committee followed by discussion

- The Arts Committee is interested in project updates at milestones during the planning process
- Only one member of the committee has visited the park. The committee member mentioned that part of the park's appeal is that it is rugged and not well known. Keeping it as pristine as possible is desirable.
- Committee members discussed integrating art into park destinations, as part of interpretive features, and integrating art into park signage.

## Resident Phone Interview - 11/22/2022

### General

- Visits the park several times a week
- Has noticed more visitors since COVID. Prior to COVID she used to see 1-2 people on weekdays and more on weekends. Now will see approximately 5 people on weekdays and 15 more on weekends
- On weekends the parking lot fills up. Not everyone is hiking on the trails, some are fishing and some are picnicking
- More people of color are visiting the park, notably Hispanic and Hmong groups. They tend to visit in larger family groups and gather near the sandy areas – like a beach.
- Lake's husband and children are black. One thing that would make the park more welcoming to people of color is to see other people of color in the park. When Lake and her husband are in the park and see other black people, they are often surprised but it increases the comfort level
- In general, the park is safe, but over the years there have been a couple of incidents with suspicious people. Lake walks with her dog who is very protective.

### What do you like about Miesville Ravine Park Reserve?

- Likes that the hiking trails provide access to the Cannon River, Trout Brook, prairie, and forest
- Walks on the maintenance access road to get to the upper terrace prairies
- Likes that this park is left as nature and would not like to see a lot of recreational development, for example a campground in the park
- Likes that the trails are shaded in summer
- Really enjoys that the park doesn't have a lot of visitors and traffic
- Really likes that Dakota County Parks keeps its parks natural

### What would make the park better?

- Would like to see the trail between the river and the eastern prairie re-opened
- Now that the park has more visitors, the trash needs to be emptied more often
- At times she sees dog poop and garbage on the trails
- The trails do not need to be mowed as wide as they are currently being mowed
- The walnut trees on the riverside at the base of the bluff are diseased
- More programs with school and senior groups that combine introducing the park and natural resource stewardship
  - Last summer there was a noticeable decline in butterflies and other pollinators in the park. Working with school groups to raise butterflies and releasing them in the park
- Birding programs- the park is a great place to see birds, for example hummingbirds and scarlet tanager. Providing information about the right time of year to see certain birds and hosting birding programs
- Partnership programs with the Mn Deaf School, and inter city schools
- Offer free swimming lessons at all Dakota County Parks with swimming
- Pave at least one trail with a surface that someone in a wheelchair and seniors can use and experience the park

## Xcel Energy - 11/28/22 Teams Meeting

Attendees: Lil Leatham, Dakota County Principal Planner; Niki Geisler, Dakota County Parks Director; Kurt Chatfield, Dakota County Planning Manager; Kristin Sersland, Xcel Energy Community Relations Manager; Chris Berglund, Xcel Energy

- Power line 711 within Miesville Ravine Park Reserve is a 69KB transmission line and is substantial. It connects to the Welch Substation and may also serve houses in the area.
- Relocating the lines is possible. Dakota County would have to obtain new land rights (the current land rights have been in place since the 1920s), would need to pay for the materials and relocation.
- Relocating the Cannon River crossing would need to go through a MnDNR process, which could be challenging.
- It is possible to bury lines. This is costly and is not typical as it introduces maintenance challenges. It is difficult to locate and fix any breaks in the line. The conduit would need to be designed for cooling. In this area, it would be very difficult to bury the lines.
- It is possible to build roads and parking lots. Typically, buildings would not be allowed under the line easement (likely 50'; 25' on each side of the line)
- There are currently no plans to expand, decommission, or otherwise change service in this area.

- Because of the location near the Cannon River this area does require a lot of maintenance. If a new location in the park could be found, Xcel may be interested in moving this line away from the river.
- Chris will follow up with Xcel staff about: where line 711 travels and purpose in the power transmission network; and if the pole design in Miesville could transition to a monopole design.
- Next steps for the planning process are to develop recreation development concepts. Lil will share these with Xcel Energy staff when they completed in Spring 2023.

## Douglas Township Board of Supervisors - 12/5/2022

### Douglas Township Hall

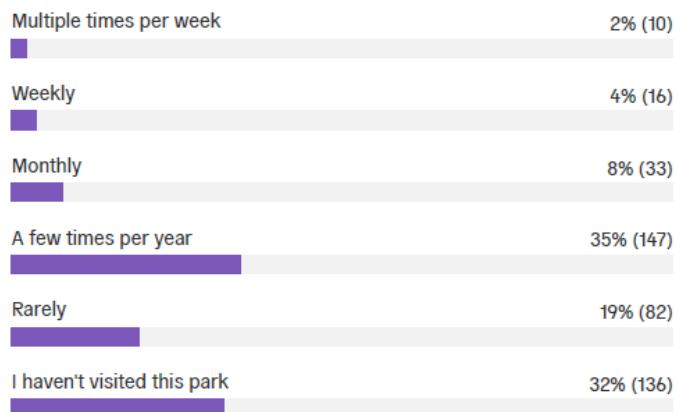
#### Notes

- Appreciate the park's natural areas and natural features.
- Generally, they would like to see a more amenities that benefit area residents.
- Town Board Supervisors asked how the Parks Department is managing the wooded areas and if we are managing to prevent accidental fire. There are a lot of downed trees and if there is an unintentional fire, it could burn and burn beyond the park boundary.
- The springs are beautiful, and it would be great to be able to walk back to them.
- Wild parsnip is prevalent in many areas and should be managed better to prevent spreading.
- Adding interpretation would be very interesting.
- They may be able to help with local contacts who know the early farming history/farm families.
- Camper cabins would be a great addition to the park.
- Would like Dakota County to take on 280th and Orlando Trail as county park roads. The Township spends a lot of money maintaining these roads primarily for park and Cannon River Outfitters.
- Would like more of the park to be accessible. The Clerk used to swim in the river and wade up the creek and does not do this anymore because she can't physically navigate the riverbank entrance.
- Not concerned about the power lines, one Township Supervisor mentioned that seemed like a high cost endeavor and if the County has that kind of money, it should consider giving back to the taxpayers instead.
- Curious how challenging it would be to provide a trail to the upper bluffs.
- Interested in better Cannon River access within the park boundary.

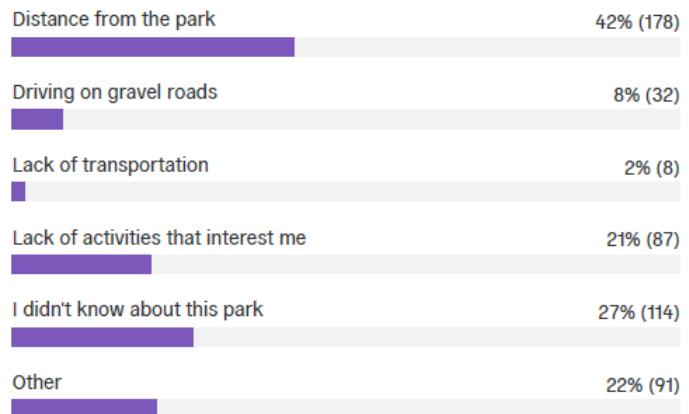
## POLCO SURVEY RESULTS

### Miesville Ravine Park Use and Preferences Survey September 2022

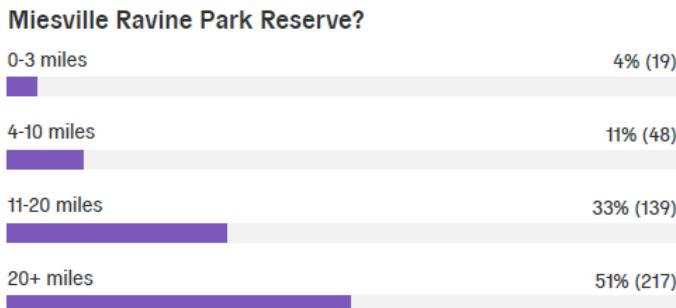
#### How often do you visit Miesville Ravine Park Reserve?



#### What prevents you from visiting Miesville Ravine Park Reserve more frequently? (Select all that apply)



#### How far do you or would you have to travel to reach Miesville Ravine Park Reserve?



If you answered "other" to the preceding question, please tell us more about reasons you don't visit this park more often.

We tend to alternate between parks to allow for change of scenery. Love that Miesville has 2 options currently :)

It's far away

We have a young child that can be difficult to convince to go on a hike. It has nothing to do with the facilities.

Lack of time for recreation

Lack of soft surface trails for hiking to the high quality natural resource areas in the park reserve.

We just try to experience as many different places with our toddler as we can. Went once a year prior to 2020, but not since we moved and our son was born.

Newborn

Life is busy and there are lots of places to visit and activities to do. I like to change things up and not visit the same area all of the time too.

We have a lot of good, state, regional and city parks we already visit regularly.

Short & limited walking trails

Not sure what the activities are at the park

I just don't think about going there, although the few times I've been there, I liked the park.

I hike different trails everyday

I use the park mostly during winter (weekly) for snowshoeing. Occasional use in the summer.

Nothing

Work schedule dictates visiting parks closer to home

Not enough activities, sparse trails, no biking, disc golf

A lot of parks aren't handicap friendly. I use either crutches or wheelchair and I don't like going somewhere and find out I can't do anything. Usually stick to city parks.

Park is dangerous place, too many people with guns.

Disabled veteran in a wheelchair.

Coordinating a trip with other errands in the area, other Dakota Co parks or outdoor experiences are closer to other things I need to do like meet friends or get groceries.

More scenic options closer to home

Other parks are closer

other parks are closer. I need to visit it more often as it is a very neat and inviting area with lots of environmental qualities

This park is often forgotten by my family compared to the other county parks

Visit daily, should not be developed. Keep natural.

Work and other commitments.

N/a

I am an avid mountain bike rider and the trails do not exist here.

I would visit weekly if there were mountain bike trails

Prefer locations that offer quality mountain biking designated trails in addition to other activities such as hiking.

I ride my bicycle for exercise and entertainment. I specifically ride gravel roads to avoid traffic and often ride to parks as a destination. However, bikes are not allowed in Miesville Ravine so I have not ventured that way. If my bike were allowed in the park, I'd go there.

No Mountain Biking Trails

Like to check out other parks

Busy

Busy running kids to activities

Busy with life

Mountain bike trails

Bus traffic from private tubing companies that launch and retrieve their customers at trout brook leave trash, block traffic, and are exceptionally dusty and noisy. This is one of the most beautiful parks I've seen and the buses from the tubing companies prevent myself and many others from visiting more frequently.

The gravel road conditions are unsafe. It seems like the tubing busses from Cannon Falls and Welch really damage the roads and they never get fixed. The dust can be overwhelming at times from bus traffic.

The busses running the tubers are dangerous during the summer. They run frequently and fast. The tubers, traffic, noise and dust really ruin the park experience.

I own a nearby farm so time is split.

Dodging the tubing bus. Very dangerous on the roads that are already subpar

The bus traffic (tubers, etc.) on the road to the park makes it a lot harder/more stressful to access the park. Additionally, the fact that the road is gravel makes me less likely to want to drive my car to get there. I don't want to damage my car, but I am also more cautious driving on a gravel road, especially after rain or snow. I love the park, and I think it's a great place to visit, but the bus traffic combined with the gravel road make me less likely to visit. I come down to the park probably 4-5 times per year, but I could see myself going once or twice a month if the road was paved and the bus traffic was less frequent or if the bus drivers did not drive down the middle of the road. I also want to clarify when I'm referring to "bus traffic," I am not talking about the school buses that pick up and drop off students. I am specifically talking about the tubing companies' buses.

Lots of bus traffic on the gravel roads

The bus traffic from the tubing companies is very intrusive to an otherwise peaceful park. The gravel roads to the park are dangerous to travel when the busses are speeding by loaded with tubers. Additionally the hill descending down toward the parking area is rutted and dangerous.

Bus traffic

Noise and dust from tubing bus is a major deturant from visiting more often.

We use it to either launch kayaks or land, so it depends on the water level of the Cannon river

Life is busy!

A lack of Free time

Too many people allowing their dogs to run off leash

busy farming  
Just moved to the area  
I live with a couple miles of the park so a few times a year is plenty  
For lack of a better place to put this suggestion: I have had problems with GPS access and also cellular access in the past at this park. Frustrating. Ex. 2 cars of friends after hiking at the park wanting to meet someplace for warm food- but don't know the area and no internet to locate a restaurant. Also making plans via phone, needing to let someone know I'm running late, or I would like to stay at the park longer—but no cell coverage!!! Bummer!!!

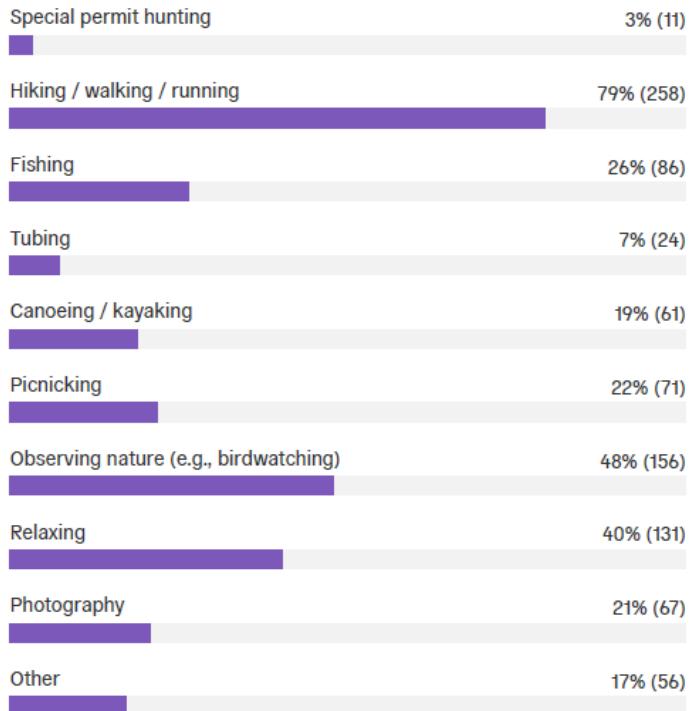
We only recently discovered this park and loved it so we will return in 2023  
Cell phone service is not great, so I don't like to travel there when I am alone.  
General time constraints  
I love to trout fish and pick agates in the spring!  
Not good weather on days off from work.  
No RV camping  
Horseback Riding is not allowed.  
Closer to Lebanon Hills.  
Limited trails  
Lack of access to Cannon Valley Trail. I am a Cyclist.  
The trails do not seem well maintained.  
We love to hike but for the drive the amount of hiking is quite minimal. Pleasant but it would be nice if there was more. Also, cell phone reception is dismal so spending any amount of time there can be hard if you can't communicate. It would be nice if there were restrooms on the north side of the road, too.  
Pretty full schedule  
Don't like the tubers, from Welch, in the area.  
Busy on weekends  
Time available  
Just don't have the time  
Because a man has started letting his dog run off-leash and out of sight the past few times I've tried to visit. . I totally understand having your dog off-leash if no one is there, but this has happened multiple times where there are other dogs on leash. As a female that walks alone, the last thing I want to do is have a confrontation in the woods with some guy.  
So many parks, so little time  
Time  
Probably weather if anything  
Nothing  
We visit a variety of parks.  
I'm not as mobile as I once was.....  
Time constraints  
Limited time the conditions are favorable for fishing  
Not enough time  
I'm fairly busy and can only get away every once in awhile  
Visiting other parks in the state.

Seen more people trout fishing trout brook. Less fish with smaller sizes. I'm a catch and release fly fisherman and I've seen a lot of trout kept. Otherwise the stream is small and beautiful. It's a gem but I believe it may need special regulations to protect it in the future.  
Fishing there hasn't been very good lately.  
Each time I visit, I need to re-figure out how to get there. I've only visited the area of Trout Brook at the confluence, as I have never known how to get to the north lot.  
Trails are rather limited  
There's only so much time.  
Visit daily  
Lack of extra time

### Which seasons do you prefer to visit Miesville Ravine Park reserve? (Select all that apply)



### What activities have you done at Miesville Ravine Park Reserve? (Select all that apply)



If you answered "other" to the preceding question, please tell us about other activities you do at Miesville Ravine Park Reserve.

Not applicable. Haven't visited this park.

Cycling around the park

ATV thru the area

Geocaching

Biking

None

None

None (yet)

Have not yet visited it

Snowshoeing

Snowshoeing

We love to swim in the cool creek with our kids it's a great place for a kid sized adventure.

Walk with our dog

Nothing

Creek exploring

None of the above.

I have not been there

Biking

Gravel biking

Snowshoeing

OHV trails

Gathering water cress

Playing in the water with my kids.

Trailhead for gravel riding loops.

I've not been there. But I like to walk on trails in the woods.

I took my dog for a walk

Never been here

None

Foraging watercress

Playing/swimming in the streams/river

Snowshoeing

I would hike or mountain bike

Biking

Snow shoeing

Mountain biking

Biking

Family gathering

Run my dog

Haven't been there wasn't an answer.

Haven't been there. First I've heard about it.

snowshoeing

Geocaching

Snowshoeing

Camping

I find lots of agates, banded chert, petrified wood, to name a few, in trout brook. Great place to rockhound!

We love walking along the Ravine and finding new places to get into the water and play in the sand and searching for rocks. Our dog loves running around in the water and swimming in deeper areas.

Snow showing. Helping with/learning about archeological digs. Helping with/learning about land/waterway restoration. Learning survival skills, what to do if get lost, cold, hurt, etc. How to help others in these situations. Supporting good resource management.

N/A

Camping.

Geocaching!

rock hunting

Snow shoe/ cross country ski

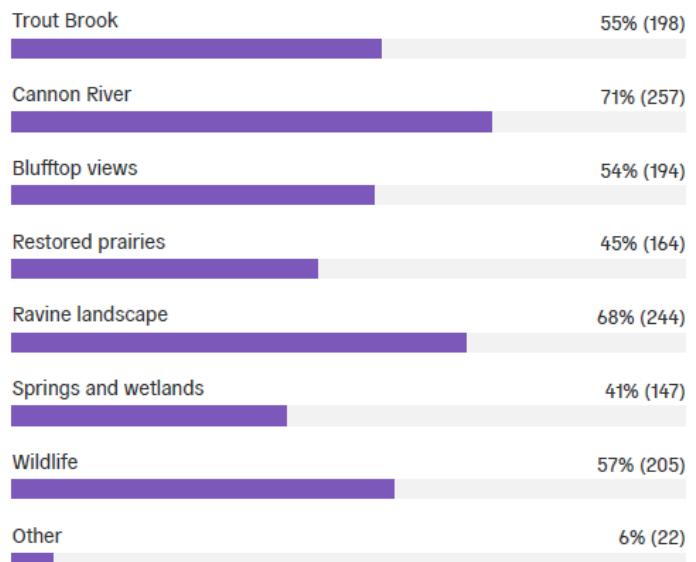
I have never visited the park, but plan to do so over an upcoming weekend.

I'm not familiar with this park.....but I would like to know more about it!

In July, 2022, I caught mooneye fish on a #18 dry fly immediately above the confluence of the Cannon and Trout Brook. Please consider any future footbridge placement with this in mind. I would prefer that any such bridge be placed downstream slightly from the confluence. I find it disruptive to have people watching me from a bridge, as fish (especially trout) spook when people cross or stand on the bridge.

Swimming

**Which natural qualities attract you to the park? (Select all that apply)**



If you answered "other" to the preceding question, please tell us about other natural features or qualities that attract you to this park.

Lovely gravel road for cycling

The drive to the Ravine is really lovely, and I like the proximity to Cannon Falls so I can stop at Tilion Brewery after I visit the park.

Addition of bison, right?

Fall colors

It's so natural and uncrowded

fall colors, springtime flowers, mushrooms

Hiking Trail, Bird Species Present

Would visit more often if it had an 18-hole disc golf course

NEver been

woodland flowers

Mountain biking is required to attract me to this park.

Rustic

White pines, old growth trees, steep bluffs, morels

I like this park because there are so few maintained trails I like a wild park with very few trails

Seclusion, and the grassy walking paths are amazing

Usually a lot less people

Woods

Nice wide and flat trails that are easy to walk and hike with kids.

Native Minnesota flora and fauna. I'm from north east Ohio and have been in MN 17 months. My first find was Cannon Falls, and Byllesby! I fell in love...

It's mostly untouched - small parking lot, not many people, remote portions still exist, etc

Spring wildflowers

I like to fly fish, so availability of water access and trout.

I'm not familiar with this park.....but I would like to know more about it!

Lots of natural woods

Are there natural features within the park that you feel need to be protected or restored? Please explain.

Not applicable. Haven't visited this park.

Likely all of the current features need to be protected. Cannot comment on restoration.

water features

River access,

Keep it natural – NO pavement, no buildings.

Trout brook and the prairies

Yes! Miesville Ravine Park Reserve has some of the highest quality natural areas in Dakota County. We must preserve and restore, as necessary, these natural areas for current and future residents and visitors to Dakota County.

I like it as is, rather rugged not for everyone so doesn't get crowded

Trout Brook! Please protect it! It is an absolute gem. I fish it frequently and it is just awesome!!!

The trout fishery needs to be improved

More prairie restoration is always nice. And i worry some parts of the bank are prone to additional erosion by being walked on.

I feel that the cannon river watershed needs to be restored and strictly protected so that the water is safe to tube and swim in and is safe for the fish and other creatures that live in it. I feel that the natural feeling of the park needs to be protected in general and not developed. There are enough crowded developed places to go already. I really hope that camper cabins do not get placed in the reserve. Keep it primitive and natural. That is what makes this place special - the fact that it is not overly developed.

Protect the integrity of the Cannon River. Work with Clean River Partners to ensure that.

I'd like to see more natural-looking benches for people to sit on the trails sometimes. I'm a senior and I like to hike in places that provide a place for me to sit now and then.

all

Protect the water

Trout stream and springs

Remove buckthorn

In general, we need to protect all of our natural areas, especially rivers, wetlands, and prairies—for the physical and psychological health of people, animals, etc. I don't know what areas in the park need to be restored.

Waterways and the vegetation around them

Prairie grasses

Clean water

We love the trout brook

Everything

No

The Trout brook and cannon river should have minimal disturbance

Natural areas are "over improved" by county. Forever Wild is simply a motto not a practice by Dakota County. It should not mean add buildings and pavement.

N/A	The natural springs Do not mess up the park by putting trails everywhere NO Mountain bike or horse trails!!
The brook!	Trout brook needs to be protected, its one of few streams in the area that are preserved and clean, protected from runoff. An old conservation dam washed out, concerns about erosion. Protect the prairies. Concerns that tubers may get loud and litter. Tubing buses drive too fast through the park.
Creek trails	I like the that the trails are rustic and not groomed in the winter time. I is difficult to enjoy nature when you have to compete with moms on their cell phone as the push double stroller on maintained paths.
Quiet and natural surroundings	Yes, I hope all the natural features will be protected or restored. Native wildflower plantings would be nice.
Garlic mustard removal	Natural river course
More buckthorn and invasive removal.	Spring and stream
More buckthorn and invasive removal.	Keep the goats going out there! Lots of thorny things for them to eat!
Nothing specific, conservation of natural resources in general should guide planning.	Stream and bank improvement
No	Native flora and fauna and natural landscapes that mitigate the heavy footsteps of man, such as pollution and consumerism. We need to steward our resources in a way that promote the greatest good for all people's. That will be a way that does not rape the land nor promote economic disparities between people's. Where there is a balance between justice and mercy, peace prevails.
The creek is lovely. I know many people, myself included, enjoy scrambling down to be at the water's edge, and I worry that we are harming the waterway. Perhaps a more formal set of access points would prevent people going off-trail.	I love the rustic nature of the park. When you are there you feel far away from the city.
Please do not add any paved trails. The natural habitat makes the park so lovely.	The spring, the animals
The prairies need to be protected as well as the disturbed woodland. Also all the fields should be restored to their pre-human contact composition i.e .if it was a praire restore it to a praire if it was a forest restore it to the forest it was before humans destroyed the land etc. Also Restore the Bison adn Praire Chicken to this park.	Don't make the whole park easily accessible! Nature's beauty is more vibrant with less human intrusion.
All	Love the silence
Flood prone, so protect the slopes of the hills so they don't wash away.	I defer to the excellent Dakota County natural resources staff to make the right choices
Great wildflowers! Lots of prickly ash.	The trout brook! The clear water is beautiful and fun to watch fish and the birds it attracts.
Buckthorn and Garlic Mustard removal	The trout stream. Better maintenance and stocking.
Garlic mustard needs to be controlled.	Creeks
1. Water quality needs to be maintained/improved 2. Wildlife (especially nesting birds) need to receive top priority when any improvements are considered, as this park is a magnet for several breeding bird species of greatest conservation need. With loss of bird habitat globally, it's critical to make sure we don't overdevelop the park at the expense of nesting birds.	Identified cultural resources, shoreline, prairie
All natural areas should be protected	Grasslands
Prairies	Trout Brook access.
It would be nice to see less garlic mustard	wildflowers, watercress
None	Everything. Keep the natural feel and groom the paths
Not sure	Some years I worry about how shallow trout brook gets
No	I don't know enough about the park's ecology to answer, but I'm generally in favor of protecting and restoring natural features.
Areas that birds and other wildlife need to live.	Seclusion- not "popular "
Trout brook has a lot of potential for fishing but the tubers often impede fishing opportunities. Also, trout brook tends to silt in after heavy rains.	All natural features need protection from human destruction including but not limited to pollution, chemicals, pavement, cars...
The Cannon River is turning into Apple River with too many tubers partying.	Trout Brook has some wild parsnip and other invasive species in its floodplain. The lower half of Trout Brook has some eroding banks and is difficult to access-it could benefit from a habitat restoration project similar to the one done on the upper part of the stream.
It's really great - just the roads and the tubing bus.	Trout fishing
I would generally like to see the park preserved and well cared for.	
The small stream in the park seems like it could be managed better to make trout habitat	
All need to be protected.	
Steep slopes	
Yes. The whole park needs to be protected.	
white pines, a mix of trees and woods - not just oak savanna and prairie	

Trout. They are such an amazing fish but will have trouble with climate change. I only catch and release for that reason. I haven't looked into the regulations at the park but this would be the closest trout fishing opportunity to me.

The riparian corridor is badly invaded by multiple invasive including garlic mustard and buckthorn

Trout Brook, and the trout that inhabit it

Trout Brook - protected

I like that it is not over develop. The brook is a great place for beginner trout fishing and is relatively close to the southern edge of the twin cities. It need to be nurtured

Brook trout

Bank restoration and stream structures to help enhance the fish population and orevent flooding would be wonderful.

Water and stream quality.

Trout Brook for sure

Retaining the clean, healthy water in Trout Brook to promote trout populations. Control the nitrogen levels in Trout Brook to raise the water quality.

Trout Brook needs to be protected.

any Native American historical sites if found. Most of the park is untouched at least in the Ravine and should stay that way. Remove invasives though.

Stream and river

This is a great trout stream! I feel it is critical that we continue to keep this stream vibrant with strong insect and trout populations

Trout &Cannon River

Trout habitat should be protected at all costs.

Protect Trout Brook and extend the restoration

Trout Brook. It would be great to remove a lot of the soil that was likely deposited in the valley many decades ago as a way to return the stream to (or near) its historic floodplain.

I would like the river / creek protected to have healthy fishery. I love to fly fish. This would be an area close to home.

Trout Brook needs to be improved and maintained to support the natural fishery within along with adequate access for users. Keeping RVs out of the streambed and away from the streambanks is also important.

Since trout brook is a beautiful stream containing both brook and brown trout with almost full access, it has increased in fishing activity the last couple years. I worry about the health of the stream declining due to the proximity to the cities and overfishing.

Trout Brook as a trout stream

Stream quality.

I'm not familiar with this park.....but I would like to know more about it!

I'd like to see further stream improvements to improve trout habitat.

Trout habitat improvement, more defined trails

Yes. Please protect some of the undeveloped areas on the west side of park. For example, there is a trail on the west side of the park not too far from the Cannon River Lutheran Church. My family loves hiking that because it feels very remote and like you are in the wilderness.

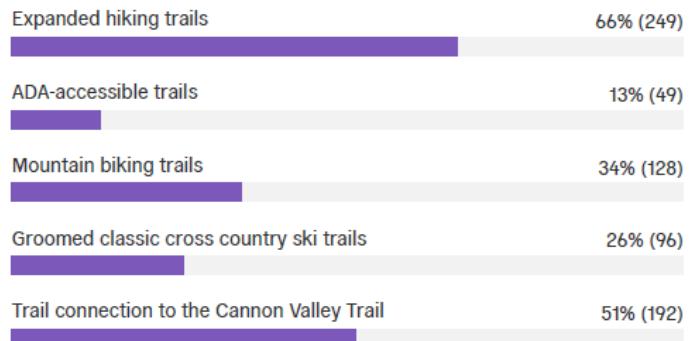
Soil Conservation is most important. I do not want to see erosion of the ravine from the upper bluff edges to the ravines and any where within the

watershed.

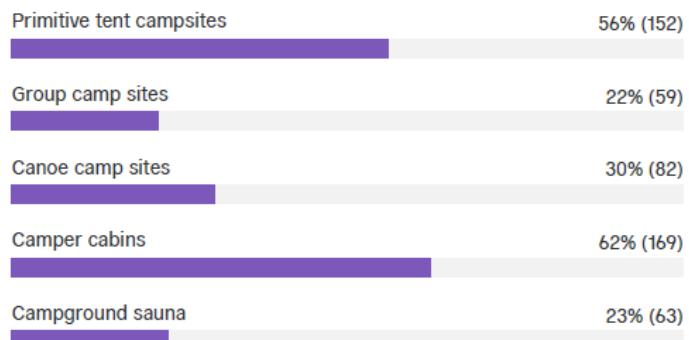
As a "Park Reserve", I would like to see the park retain its natural characteristics without an abundance of development. I would hate to see playgrounds, as a for instance. I think you ruined Spring Lake Park Reserve by adding this type of amenity. I would like a wild park.

I think in general, the park should stay as natural as possible. The park is a gem and all of its diverse and unique habitat should be protected.

### What potential trail experiences would you enjoy at Miesville Ravine Park Reserve? (Select all that apply)



### What potential camping experiences would interest you at Miesville Ravine Park Reserve? (Select all that apply)



**What other potential recreation facilities and amenities would you enjoy at Miesville Ravine Park Reserve? (Select all that apply)**

Improved Cannon River paddling access	33% (129)
Trout Brook access	27% (104)
Shore fishing areas	26% (101)
Smaller first-come, first-served picnic shelters	17% (65)
Improved riverfront picnic area	30% (114)
Scenic overlooks	48% (184)
Nature playground	27% (103)
Sledding hill	21% (80)
Drinking water	43% (167)
Modern restrooms	58% (225)
Other	15% (56)

**If you answered "other" to the preceding question, what kinds of features and amenities would appeal to you?**

Park events

RV camping sites would be great, too.

ATV trails

Snowshoeing trails

More bluff overviews!!!

Signs throughout the park that identify and explain the flora, fauna, and natural features that exist in the park

Better trail signs

Mountain Bike Trails would be very appealing, especially with the lack of nearby trail systems

Too many amenities are being added to county parks. Save our tax money for people not for destroying natural areas with buildings and pavement.

Full hook-up RV campsites

improved biking access & signage from the Cannon Valley Trail

If you added a bird feeder, maybe more bird watchers would come. You could ask for feed donations.

If you added a bird feeder, maybe more bird watchers would come. You could ask for feed donations.

I go there most often to snowshoe. If groomed ski trails were added I would want to make sure that there were dedicated snowshoe trails. Other parks turn all hiking trails into ski trails and then snowshoeing becomes limited.

18-hole disc golf course

Campground with electric hookups

Permanent purposely placed artifacts for children to locate and discover along trails would excite them and be learning tools.

Would be nice to have some benches especially in prairie area on the bluff group picnic area, love the camping ideas. like the primitive experience.

I read the old master plan stating that mountain bike trails cannot be built in a manner that is sustainable. This statement is just old thoughts and not based in actual experience. A mountain bike trail could be built here. If it were built professionally it would sustain better than most of the hiking trails that currently exist. Plus, mountain bike riders enjoy being in nature as much as a hiker does we just use a different means of getting around a park.

Winter fat bike trails

Mountain Biking amenities such as pump/tool station, bike racks, and changing area.

Mountain bike trails with year round biking

Mt Bike skills area

Mountain bike trails

Winter snowshoe and fatbike trails.

Deer archery hunting

I am a bicyclist, and I ride the Cannon Valley Trail about 3-4 times each year. I really love your proposed idea to build a bicycling bridge across the

Cannon River... that would help connect our new Miesville Ravine Reserve park.

Accessible areas.

Paved bike trail

None

Keep the park no overnight camping

Switchbacks up the bluffs

Concerned too much development cause issues to the Park and natural features due to geology and water resources...prefer to see little development and more care towards maintaining the ecological resources. There are plenty of parks in the area to do more aggressive recreation and people need to understand that and enjoy each place with as little impact as possible to those that are more vulnerable.

Hiking Trails that access prairie. Good enough to hike and snow shoe. No bikes. They just tear up trails.

Benches on trails- not just for resting, but also as a quiet place to commune with nature.

camping for trailer campers with electric hookups

Wildlife blinds for viewing endangered pocket beagles

RV PARKINg up to 40-45'

We like it wild

Horseback riding trails

A information kiosk or shelter where one can learn more about any/all aspects of that area. Zipline? Rock climbing?

Mix of full hookup and tent sites mirroring that of Lake Byllesby Campground

more hiking trails and trails that connect to each other.

Campground... There are VERY few Campgrounds in this area. I think this is an important consideration.

Campground with electric sites and showers

Please - cross country ski trails!!!

I am handicapped

port o potty

Horse back riding trails

Peace and quiet

improved habitat work to increase brook trout density for angling opportunities

None, keep it the way it is.

Sites for motorhomes - we camp in a motorhome and are always looking for nature sites.

Please connect it to the bike trail. It's very dangerous biking on the gravel roads to access the park.

## What potential events, education programs, and rentals

would interest you at Miesville Ravine Park Reserve?

(Select all that apply)

Fishing events 18% (61)

Trail run events 18% (60)

Art and music events 30% (103)

Outdoor skills programs (e.g., paddling, camping, mountain biking, orienteering) 43% (145)

Geocaching programs 20% (68)

Guided nature walks (e.g., plant identification, birdwatching) 39% (132)

Self-guided interpretation (e.g., history and nature information) 46% (156)

Stargazing programs 30% (103)

Tube rentals 23% (79)

Canoe / kayak rentals 38% (129)

Other 6% (21)

If you answered "other" to the preceding question, what other types of events, programs, or rentals would interest you at this park?

Foraging

Stand Up Paddleboard

If there are Native American cultural sites in the park reserve, self-guided interpretation should be considered, as long as supported by Native American representatives.

Native American land use history and natural interpretation; native craft demonstration

County is spending too many dollars on park improvements. Keep it natural!!!!

Things for a disabled veteran in a wheelchair could do.

Would like to see signage along trails identifying important plants and trees.

Would like to see signage along trails identifying important plants and trees.

Disc Golf tournaments

I like the park as it is except there could be turkey hunting with a bow during the spring turkey season

A way to get involved in trout fishing. Rental equipment and classes. It's much more of a niche style of fishing than your standard pier fishing at any other park.

None

Mountain bike activities

Mt biking trails. Please.

Mountain biking events, races, classes

Mountain bike races

Canoe and kayak rentals administered by the park may eliminate some of the damage done by the private tubing companies in Welch and Cannon Falls.

Forever wild yes keep this park wild!!

Automatic refunds of any course fees paid for non-attendees when it rains (even a little rain can be prohibitive for some people, even when it isn't enough to cancel the event because some people might still be able to attend).

firewood sales, places to do campfires.

Bird watching

None

Canoe and tube rental is NOT a good idea because there is no transportation back upstream to your car. It would be great to have snowshoe rental/ trails because the Cannon Valley Bike Trail doesn't allow it.

Do you have additional comments about the future of Miesville Ravine Park Reserve?

I don't know this park but I may have to go explore it one day

I love the idea of adding more facilities here. Compared to the other Dakota County Parks, I think this one is quite a gem, but it's also very underutilized, possibly due to location, possibly due to facilities and amenities.

Please add mountain bike single track. More parks like Lebanon!

Stop paying - stop spending money on new buildings

Would really love cross country trails in the park!

Control/reduction of invasive species is critical.

I like that it is not over developed

Yes, keep the upper reaches of Trout Brook wild, I mean the section Trout Unlimited helped restore. Do not improve the trails or parking in that area. Leave it be. It gets plenty of use and I fear to much use would destroy the beauty and quality of the fishery!!

I never knew about this park. You definitely want to improve advertising of it.

I love that MN and Dakota County prioritize green space and outdoor activities. While I haven't visited Miesville Ravine Park Reserve, now that it is on my radar I will make the trip! Please keep improving and supporting our lovely county parks. Makes living here all the better.

Expanded hunting and fishing opportunities

I really want to stress that what makes Miesville special to me and my family is how undeveloped and peaceful it is. I don't like the idea of developing this reserve, especially paved trails or any kind of noisy music/art events or any other activities that will draw a lot of crowds. With the crowds and the "easy" access to everything, will come the increase in dogs and they will run all over natural areas and ruin everything and hikers will have to step in the dog feces that their owners didn't pick up. There are plenty of developed natural areas for Dakota County residents to go to with or without dogs that offer easy access to everything. There should be places that are for people that enjoy a quiet outdoor experience that isn't "easy", something that you don't just drive up to and engage in without any physical effort, but a peaceful and potentially physically challenging interaction with nature. More and more, spaces like Miesville are being destroyed by development and overuse without considering that there are many people that would like to recreate in under developed areas. Please keep this area wild, not just for me, but for nature itself. We have hurt her enough and I want something left in tact for the children of this world. Please make the main focus of this plan on cleaning up the Cannon River watershed and restoring and protecting the area, not developing it. If you must develop, please keep the focus on keeping it ultra natural and consider offering recreation that is active people, not just onlookers. My above opinions do not apply to people with disabilities that require a wheelchair or walker. I think that off road wheelchairs and walkers should be available to rent or check out for people with disabilities, so they too can experience the benefits that a peaceful and quiet reserve such as the rare gem that Miesville can offer.

Preserve the river!

I'm pretty strongly opposed to increasing mountain biking as well as motorized uses. I'd like to see the quiet, fishing-and-nature feeling of the reserve preserved.

I didn't know about this park, but I'm happy to check it out now! Will definitely keep an eye out for future camping, hiking, biking and snowshoeing opportunities. Nature playground and anything kid-friendly makes it an even bigger bonus - thanks!

We love this park and are excited to see the work being done, especially on upper bluff. We would love to see more about the history of the park. Farmsteads and hatchery.

Thank you for keeping this park so natural and beautiful.

I like the low key quiet atmosphere of this park. I'd like to see it stay that way!

We love miesville it is a hidden gem

The trout are tiny. As with other sothern mn streams, why cant we have the same wonderful stocking and easments they have in Iowa? Its great fun and attracts tourism to rural areas, would think it basically pays for itself when done as well as IA does it.

Save our natural areas and stop all developments that destroy the land.

Never been to the park, but would love to go. Just need transportation to and from home.

no

no

I like this park as is and think it's nice to go to a place that doesn't have all the proposed developed recreation items you've listed in other questions. Perhaps, since this park doesn't already have significant recreation development (and there are choices within your system already with these things), Miesville ravine is the park to focus on funding that benefits nature. Put the money you'd put into all the listed options into protecting habitat, removing invasives, etc.

Could identify scenic drive from ravine to Cannon Falls on both side of river.

Could identify scenic drive from ravine to Cannon Falls on both side of river.

I would really appreciate the opportunity to camp, even if it was only dispersed camping.

As a Professional Disc Golf Course Designer who has designed several of the popular disc golf courses in Dakota County cities and suburbs, our county has yet to install a course on county property to help support this fast growing individual recreational activity. A 20-30 acre mostly wooded area would be sufficient for a relatively low maintenance course suitable for all ages and skill levels, especially the demographic that plays pickleball. As IGH mayor in 1990, Joe Atkins helped us plant trees on Arbor Day in the new North Valley disc golf course that are still thriving today.

This park is a special place. Please consider development very carefully. This should be Dakota County's "wilderness" park. Other parks have been heavily developed. This is understandable, but there should be at least one park that remains rural and wild if possible. I can see great potential for an expanded well-designed natural surface trail system as well as backpacking sites. This is also one of the closest locations to the Twin Cities core with great gravel biking loops on surrounding roads. Please consider this amenity when evaluating further paving. Scenic gravel roads should be viewed as an asset in our fast-developing region.

have spring turkey hunting with a bow.

I did not know about it so getting the word out about what the park offers to Northfield residents would be a plus

Will do my best to get there this fall to check it out!

I havent checked it out yet, but definitely will be!

Thank you for asking!!

Let's keep it natural. Lakeville gets so many compliments on rustic Antler Park, but the city passed a levy to completely citify it with a concrete fountain, more paved parking, grass field for t-ball will be gone, and possibly add restaurants. Yuck.

Please keep this park wild. We don't need any more "Disney" parks.

Please bring the Bison and Praire Chickens to Miesville Ravine Park Reserve. Also pave the roads that go through the park.

If this could be updated to be a mini whitetail park, that would be great. A mix of paved and unpaved trails ends up getting the most use.

This park is beautiful just the way it is it's quiet people that enjoy the outdoors come to it it's not full of trash you don't have to worry about parking it's just a safe place it should stay that way

just love this park. and he roads that get you there are awesome.

Add more miles of trails with better views. Would be nice to better use the river. I like the camping ideas--add rustic cabins here!

I love this park and am excited that there may be additional trails there.

Please do not destroy the natural areas or install paved paths. This happened in whitetail woods and was devastating. The amount of trees and earth moved was difficult to see. Leave Meiseville as natural as possible. It's the main reason I always go there. Nice restrooms and park shelters are unnecessary. Not only is it expensive, it creates the need for more upkeep. Let people enjoy the space as natural as possible. Anything man made harms the environment and takes away from the natural vibe at the park.

I believe that the option of mountain bike riding in this park should be kept open as an option if not adopted in this master plan. The following reasons are reasons that this should be an inclusion into the master plan. The metro is growing into the direction of Miesville park, Dakota County population is growing and the demand for all activities is increasing and the explosive growth of the Minnesota High School League Mountain Bike Association has created a significant increase in the number of new riders amongst junior high and high school aged children. In 2021 the number of school children riding in this league was approaching 2,000 riders.

I've been to many mountain bike trails in the metro and have seen how well they are made and how many people come to enjoy them. I think Miesville would benefit greatly from a mountain bike trail.

Silent sports such as mountain biking would be an incredible improvement!

Build a super fun single track Mt biking trail. At least 20 miles. If it's fun people will come from all over to ride it. Thanks.

Baffled why one would create beautiful new classic ski trails and exclude skate skiing. The furniture is not classic. Skate skiing is completely overlooked in Dakota County save for Lebanon West Trailhead which needs work to correct off camber steep downhill turns - rather dangerous. Us skate folks have to leave our beloved Dakota parks and drive to Hennepin County to skate. The county is missing a big opportunity to create something, somewhere like Hyland. Also, please include mountain bike trails. No activity adds more users to a park, and users that take good care of the resource. Thanks for "listening" Gary

Mountain biking is a growing sport and it would be great to have at the park reserve.

Mountain biking is a fast-growing sport, and the growth of the Hastings Mountain Bike team is proof that this sport gets kids outside, on bikes, and enjoying nature while improving their bodies and minds. The economic

impact of added MTB friendly trails has been proven in nearby communities such as River Falls, Prescott (Kinnickinnic), Woodbury (Carver), Inver Grove Heights (Salem Hills), Red Wing (Memorial) and numerous other MN/WI communities. It has also been proven that trails can be easily and safely shared by both hikers and bikers, which is often a perceived barrier to this concept. Adding MTB use/trails to Miesville Ravine Park Reserve would add resources and options to an underserved local youth community, while adding a positive economic impact to the area. Please consider adding mountain bike trails to the Miesville Ravine Park Reserve!

Mountain biking, mountain biking, mountain biking! Lebanon Hills has a fantastic trail network and it would be great to recreate that on a smaller scale at Miesville Ravine as there are far fewer riding options in this area.

Mtn biking is huge in MN - look at Lebanon park in Eagan as an example. Having a professionally built trail would complement the terrain of the park.

It would be great to offer mountain biking in southeastern Dakota County with bluffs and ravines. It would bring riders and revenue to Dakota County as well as to Cannon Falls.

Mt Biking is the fastest growing outdoor activity, all members of family can participate all year round (Fat Bike winter), look at how much use Lebanon Hills gets, drives economic activity and use of resources.

We have a small local MTB composite team. We would love to see trails created for the crowning sport of mountain biking. Many of the clubs find ways to volunteer to groom trails and keep them usable.

I love that the park is on a gravel road. It is one of my favorite stops when I "gravel" ride my bike through the area. I would actually use the park less if the road to it was paved, as I mainly come by bike. If mountain bike trails were added or access to the Cannon trail was added I would use it much more often. If some form of camping would be created I would suggest sites that are bikepacking friendly. Bike packers don't need much. Primitive sites with access to water and a clean bathroom/shower is all. Maybe dedicated hammock posts for those that prefer hammocks over traditional tents and a simple bike repair station (like those found at mountain bike trailheads) This type of camping would also draw hikers and others looking a night to appreciate the natural beauty of the park. This park is ideally situated in a beautiful valley along fun gravel roads that are only a one day bike ride from the Twin Cities as well as several other larger southern towns making it a perfect stopping point for bikepacking. Finally, tapping into the biking community has the potential for a lot of volunteer help.

Would love horseback riding trails

Please keep the park as rustic as possible.

I think mountain bike trails would be a great addition to the park. The landscape would allow for this and very little interference with other activities. It has such a vast area for trails which would allow unique and beautiful ways to allow access to other areas of the park that are not currently accessible.

Major improvements must be made to the gravel roads to the park. The local townships overlook the exceptionally poor quality of the roads and its becoming a major safety concern. Obviously, the biggest contributor of road damage is the private tubing companies that are constantly running their buses back and forth. In addition to the road damage caused by the tubing companies, they present a traffic risk to park visitors and disturb the peace of the park.

This is an incredible park. The gravel roads are a major deterrent for increased usage and overall enjoyment. The roads must be paved.

Don't turn it into a party campground and drunken tubing River. Please!

Road conditions are pretty bad. Improved surfacing or more regular road maintenance would improve experience. Also the about of bus traffic from the tubing companies certainly takes away from the experience of visiting the park.

The narrow gravel roads are very dangerous with the tubing bus traffic.

Will have to visit it. I really enjoy Lebanon Hills trails.

I'd like to see critters such as American Bison with a fenced in area; could critters that once occupied this terrain such as rattle snakes be introduced?

Please keep this park natural. I have seen what Dakota County likes to do with their parks. They like to pave everything, plant non-native turf grass everywhere, and ruin the whole point. Nature. There are plenty of parks like that in the county.

less development, less access, this is a great natural park reserve, keep it reserved and undeveloped....please note in presentation and reporting of survey results that this survey was a "push" survey that serves to direct answers from survey takers....for example, question 11 does not have an option for "rough fisherman trails" or "rough deer trails" or "existing rough minimum maintenance trails"....question 12 does not have an option for "no camping"....question 13 does not have an option "no new recreation necessary"....question 15 does not have an option for "I would prefer no structured programs or rentals at this park due to it's unique nature".... question 8 does not include "white pines" as a feature...a bridge connecting the uniquely wild areas on both sides of the Cannon detracts from both....

Keep this park wild!!

The park should just stay quiet with quiet people and functions (if any) we don't live out here to be in a ruckus of campers or parties. Nature nature nature, enjoy it and then leave it alone. We are on the Dakota county/Goodhue County line

PLEASE, make sure to consider how vulnerable this place is ecologically. It only takes a large rain event in the area to cause damage to the streams and bluffs of the park...do not make it worse by trying to provide more recreation.

Enough parks property is dedicated to the casual visitors. If you want to truly enjoy the outdoors and nature, having trails that are clear but not widened, paved and made for strollers is what I want for this park.

Mountain biking would be AMAZING there!! Please add trails.

We love Miesville Ravine because it tends to be a quieter park. I hope a way will be found to preserve the quieter/contemplative opportunities of a visit, even as you may open it to a wider group of visitors. (Ex. denser planting of trees/shrubs or something as noise barriers around the river landing, picnic area and other noisier areas- playground, restrooms, etc), keeping them separated from trails, or other quieter locations.

Keep the the remoteness / rustic feeling of the park.

I just love this place so much and look forward to visiting every spring.

This has turned into my favorite place to go and spend time that's close to home. I love spending time along the north shore searching for rocks and spending time with my feet in the water and Miesville Ravine Park is now my favorite place to do those exact things closer to home.

Bylesby and Lebanon Hills have some of the nicest RV camping in the metro, and would love another option in Dakota county. In 2022 we camped 5 weekends at Dakota county campgrounds. Will likely do even more in 2023

Leave a lot of it "wild"

## Horseback riding trails

I've been looking for a developing place like this. I grew up on a farm in the Cuyahoga National Park prior to it becoming a park. Now the paths that were set through the woods by my uncle's cattle and my pony are some of the formal horse trails. Prior to that it was part of the Connecticut Western Reserve and included active Native American hunting and burial grounds. There is even evidence of prehistoric hunting and tools. A lot to learn about, and from. It was my home. I miss it. My mom now lives in Dakota county, but I found an apartment in Anoka county.

A gem. Thank you

I hope that any updates and modernization don't take away from the rustic charm the park currently has.

More hunting opportunities!

Don't turn this park into Lebanon!

The biggest hurdle to people using this park are the gravel roads to get there. If you want the metro population to use that park, the paving of the road is mandatory. Also, the park is very kid non-friendly. No play equipment to speak of and the trails are rough with large bumps that pose a tripping hazard to young children. There are trails that are not even maintained (like literally overgrown by weeds). People are not expecting a Lebanon Hills experience way out in the sticks like this place is, but there should be a minimum amount of upkeep and features to get people excited to visit.

Keep it as natural as possible!

Keep it rural, keep it primitive meaning no motorized activities. Camper cabins, perhaps primitive camping, more trails, but it's value is its state of naturalness. A birding, fishing destination. Minimize the attraction for party-ers (both off the river and coming by on their 4 wheelers) to hang out or litter. The canoe rental place and tubing place use the parking lot entrances to turn around their busses. I get it, but it's a bit of a congestion issue with people just coming to the park to enjoy it. During the summer they are turning around in these entrances multiple times per hour.

Welch rentals ruin the area.

Please do not make it a camp ground we have enough of those. Also, please leave the park open to hunting during special seasons as well.

very nice

The park currently isn't too busy. Please don't turn this hidden jewel into a metro park.

Love this park, thanks for investing!

We love MRP for the nature. Don't make it too commercialized

I've loved this park whenever I've gone to it. I wish more people knew about it, but I also love that it feels like a hidden gem near my hometown.

As a resident of the area- nobody wants it to be "popular" but enjoyable.

I hope it remains as pure and natural as possible

I'm concerned how increased traffic will damage township roads

Trout fishing is a rare opportunity in MN, much less the metro. The trout should be protected from all possible hazards, including excess fishing.

I am a member of TCTU and lead the streamkeeper team that is monitoring water quality on Trout Brook, so we have a special interest in what happens with the area.

Now that I know about it, being a Dakota Cty resident, I would be for preserving it as much as possible and making it a fine fly fishing, catch and release, destination.

Why can't it just be left alone. I enjoy the fact that the area along trout brook is pretty much untouched by man. Let nature run its course. You can't improve it by human involvement.

It has a first class stream that should be protected and ensured that brook trout have good habitat to increase numbers

Would like to see improved Trout Brook trout fishing opportunities

Keep it simple. The beauty of the park as it is is its relative simple unimproved state. It's mostly just nature as it should be.

I love the park, really hope it gets preserved as needed to keep the small natural valley along trout brook healthy.

Trout Brook is a trout fishing gem. The improvements in the north end in recent years have been an outstanding success. Thanks, Dakota Co.!

I would like to know more about this park (so advertising would be good). I enjoy Lake Byllesby's motorhome sites and a paved trail for bicycle riding. Are those features at Miesville Ravine Park Reserve?

I love the park's remoteness and deeply love the level to which it has remained undeveloped. Each time I visit, I need to re-figure out how to get there. I've only visited the area of Trout Brook at the confluence, as I have never known how to get to the north lot. I will be going there today. After reading the 2005 master plan completely, I want to visit more than ever. I'm an avid trout fisherman and a Trout Unlimited member. This park seems perfect for me. I prefer to be "in" nature as opposed to "near" or "around" nature. Please keep this park from becoming another Lebanon Hills or Schaar's Bluff. I love those parks, but for me they serve a different purpose. Miesville Ravine is a calming place for me, a place where I can find quite stillness no longer available in most Dakota County parks.

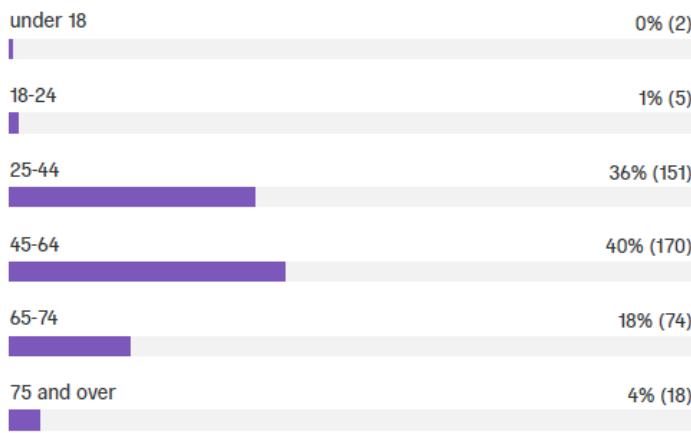
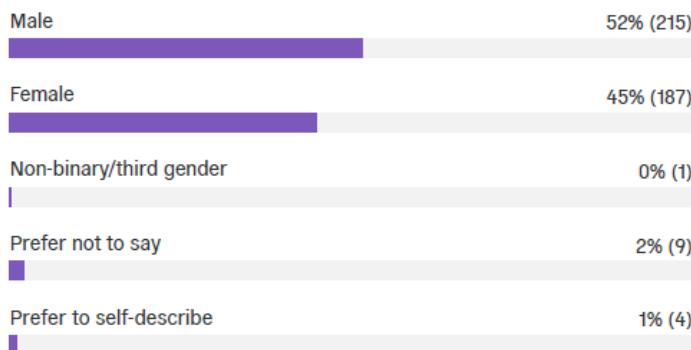
Try to keep it wild

I do not want the development of mountain biking trails at all. I am sure the sandy soils would not hold up to this activity. Cross Biking events could be promoted on gravel and tar roads that would draw just as many visitors and avoid the potential of soil erosion. Protect the soils and water quality!

Please strive to keep this park as natural as possible. People who want to pull campers and run generators already have plenty of places to go. Those of us in the metro who want a place where they can truly escape and be in nature have very few choices so close to home.

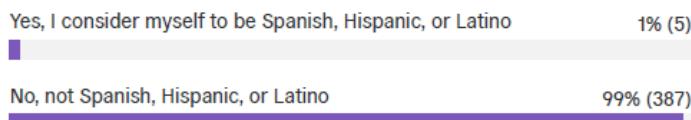
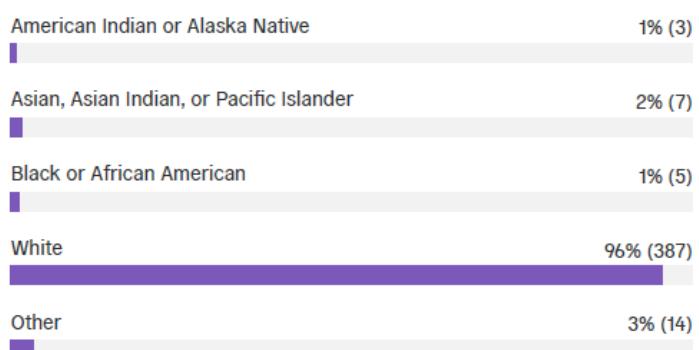
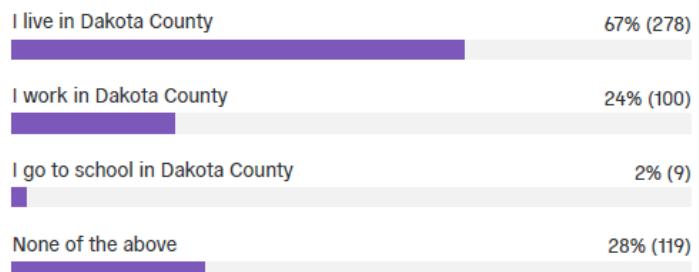
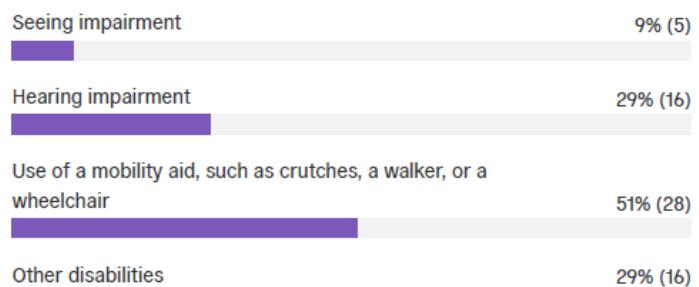
I like keeping it quiet and less disturbed

The gravel roads to the park can be dangerous and congested with the tubing busses!! Especially at the tubing launch area. Please add a canoe/tube launch with easy access to the parking lot, separate from bus launch area. Please keep it rustic, not commercialized, and preserve nature:)

**My age is:****I identify as:****If you responded that you prefer to self-describe, please do so here**

Why the \*\*\*\* are you asking for my gender? What difference does it make if someone is a homosexual, heterosexual, or mentally ill on a park design?

Two spirit  
gender non-conforming queer female  
sigh  
Demigirl  
Please get back to just male or female. and sh\*tcan the 'identify' baloney.  
My god. This is so pathetic... And how did you get away with not using 'LatinX' below!? ;)

**Are you Spanish, Hispanic, or Latino?****What is your race? (Select all that apply)****Which describes you? (Select all that apply)****Do you or someone in your household have disabilities that we should consider as we plan for Miesville Ravine Park Reserve? (Select all that apply)**

## What types of things should we consider in the Miesville Ravine Park plan that would help people with disabilities enjoy visiting the park?

Just because something is ADA compliant/accessible doesn't mean it necessarily is truly enjoyable or accessible for people with disabilities -- it's a low bar. While I don't have a disability myself, I've learned that ADA is a low bar from people who do. I would make sure to gain specific input from people who do have disabilities and are familiar with this specific park.

That being said, I really like that this question is listed on this survey!

trails and hikes with sound assistance headphones

Life is not fair. Don't pave the wilderness to appease less than 0.0001%

ADA Trails; ADA playground area; Benches for fishing, scenic overview; Pictorial identification for plants/wildlife

I support ADA accessible trails as long as no pavement is introduced into the park reserve. By necessity, this would be limited to relatively flat areas. Potentially consider wheelchairs capable of taking disabled visitors on steeper natural surface trails. These could be provided by the county for special events at the park reserve.

People with Sensory Issues need areas to relax and enjoy

Access to restrooms, outhouses, or porta potties at locations on the trail far from other restrooms.

Accessible playground equipment and trails seem lovely. Sensory experiences for those who thrive with them, too.

Consider making off road wheel chairs and/or walkers available for rent or to check out for people with disabilities so they can experience nature off trail.

benches, railings, especially on steep sections of trail. Consider hard surfaces for trails (with appropriate runoff control) which can also help with erosion minimization.

I would like to see more places to sit at times while hiking the trails. I have trouble walking more than a half mile w/o sitting as a senior.

Accessible asphalt trails and scenic overlook spots.

Wide trails

A playground with rubber turf and other inclusive equipment. Paths that are accessible.

Accessible walkways and bathrooms

Special hunting access

Barrier free trails

Make sure there are ramps in addition to the stairs.

Access to nature, where ppl can get away from the main park area and feel like they are really in nature.

Wheelchair or other accessibility, signs printed large enough for vision impaired people

Groomed trails

benches to sit on along the trails

A nature play area should be accessible to kids of all abilities - we love Thompson Park and Kaposia Landing and wish there were more facilities like them.

modern Restrooms paved trails or at least smooth. Playgrounds that I can take my grandson to and walk with him and not be worried about my crutches dropping in big holes.

Trail cams that can be accessed online.

Transportation to and from park being it is 36 miles one way to travel from my home. I am a disabled veteran who can't power scooter 36 miles one way. I would love to visit the park one day before I meet my maker as I am a senior.

I like the idea of expanded trails (for hiking and to connect to the bike trail), and also options for spending the night. Thanks for having so many great parks in Dakota County, we have two elementary-aged kids and our family loves the parks...we appreciate a free, fun, and healthy way to get out and explore!

Electric scooter and paved trails

Captions available for hard of hearing participants at guided events

It's wonderful that it isn't crowded. I hope whatever you do doesn't lead to still more drunken tubers on the river in the summer, or to pollution of Trout Brook.

ADA approved access to disc golf course

Videos of features in use by members of that community.

NA

Some paved trails for wheelchair accessibility.

Some paved trail.

Trails without loose ricks and humpy roots!! I'm getting to the point that my balance is not as good as it once was!!

Send them to King's Park instead.

I appreciate benches periodically placed along trails to rest. Ones placed with a view are even better.

There are plenty of park set up for disabled folks this one should stay natural

Treat the river access carefully. Better access makes it easier for my ADD/ADHD child and other autism spectrum disabilities to fall in.

Some paved trails - maybe the mile of trails on the Cannon River side. We saw a father assisting his young adult son in a motorized wheelchair on those trails, and it was extremely difficult for both of them. ADA-compliant toilet facilities would also be useful for people with disabilities. Access to running water seems particularly important.

Adaptive mountain bike trails. Not many adaptive options exist in the metro so it would be great to have more options for disabled riders.

Have a webpage on information where they could rent special handicap equipment to easily access trails etc.

Handicapped accessible bathrooms and facilities, including parking

Adaptive multi use trails would be great.

Groomed trails

Groomed trails

Boardwalks for wheelchair use in picnic areas. Use of solid, hard rubber material around park areas instead of pea rock or mulch.

I would like to see paved trails wide enough for electric scooters/wheelchairs to use

Accessible paths to scenic areas.

Modernize and improve the shelter and picnic area but do not expand it

Handicap accessible bathroom(s) wheelchair accessible picnic table(s), a wider paved trail, perhaps with large-print labels of trees and plants. Class in bird identification by their calls.

Consider direct river and stream access, e.g. fishing and water contact.

Paved trail

Paved trails, accessible ramps for fishing, boating access.

Ensure the bridge is wheelchair accessible.

My son has cerebral palsy...places to sit down along the trails would be great. Handrails too.

Wheel chair trail access non paved

People who are disabled can feel more vulnerable than others in a new environment. I try to imagine what it would be like to get out of my car there with my eyes covered, my hearing blocked, and be handed a walker to use and be told, "Come enjoy this nature!" Paths that a wheelchair or walker can usually safely go on would be very calming. The whole reserve wouldn't have to be that way. Also handicap parking close to shelter or picnic benches. Picnic area/shelters accessible by wheelchairs and walkers. If there are to be speakers/events, then some hearing aids are equipped to be turned on to the microphone system (sorry, can't remember what it's called). Paths should be very well and sturdily marked, and also in Braille, as to which path one is on (so that one may find it on the map), as well as know how to get back to car/shelter. Have emergency phone number/access system at least centrally posted. Wheelchair accessible bathrooms. Bathrooms and shelters that are sturdy enough built as to provide shelter if storm/hail/lightening/wind rolls in. Having sturdy buildings will help people feel safer in ravine country with no cell service knowing that MN weather is sometimes unpredictable! I am mobility impaired, and my mom is mobility, sight, and hearing impaired.

hiking trails

Connection to Cannon Valley Trail. Accessible areas and bathrooms

Benches for resting for people with long-covid

Leveled trails, perhaps more boardwalk. Modern restrooms with accessible stall. An accessible deck to overlook river and perhaps sit. Fishing platform on north side of road.

Fishing Deck.

IDK

Some paved trails. Benches along the trails. Drinking king water

Clear, large print signage, especially for way finding.

Parking close to the trailheads.

Protect the trout and spring water.

Access to water.

Please consider these comments in light of the that I am 75 and I show signs of it.... Not every park needs lots of disability access. Leave some of them wilder and more challenging. Sometimes disability access backfires. for example, the blacktop trail at Scharr's Bluff is great for disabled people, but that feature also allows fat-assed fools on electric powered incumbent bikes (which should be banned as motorized vehicles in the first place) to roar along, scare people, and take up much of the trail width. Have you ever hiked Eagle Mountain trail? Would you want it "Improved" with disability access?? Thanks for considering this.

Handicap access would enhance the area

More frequent benches on walking trails.

Having a location with handicap accessible trout fishing would be amazing.

Flat paved section. Everyone should be able to enjoy some part of nature.

Accessible ramp, bathrooms, designated parking spot

Informational plaques or signs at points of interest.

A handicapped fishing area around the southern parking area would be a cool idea. Also if bank slanting was improved from the road downstream that may be kind of neat.

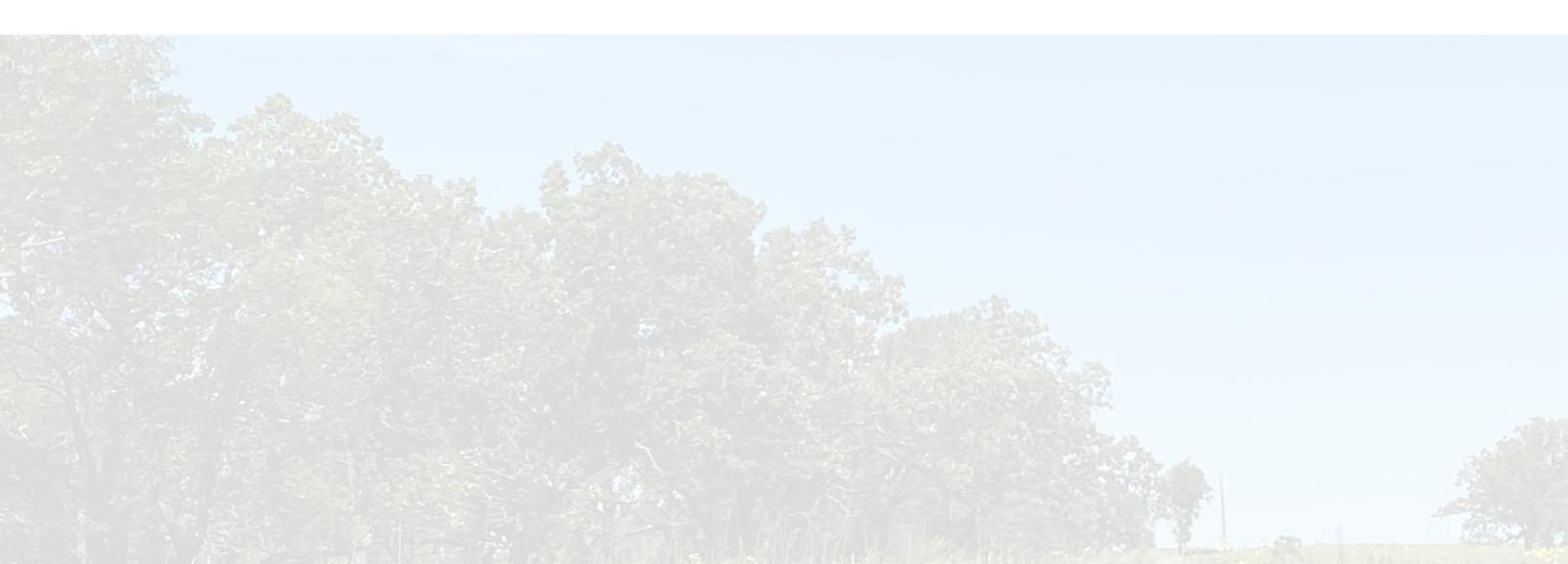
Not sure.

Locations for a motorhome or hard-sided trailer for camping, accessible bathroom/showers, and some paved trails for walking.

1. On paths, periodically provide enough space to allow caregivers and those with disabilities to be side-by-side. 2. Consider a small-scale, discreet, electrically-powered (solar?) transportation apparatus safely transporting those with disabilities between the high meadow trail and lower trail. This may be pie in the sky, but helpful.

Better access for persons with disabilities to go fishing would be a good thing.

Keep things close, so you don't have to walk very far.





# Physical Development Committee of the Whole

## Request for Board Action

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**Item Number:** DC-1659

**Agenda #:** 5.4

**Meeting Date:** 1/10/2023

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**DEPARTMENT:** Transportation

**FILE TYPE:** Regular Information

### **TITLE**

**Update On County Project 99-013 (ST00011), CR 46 Roadway Expansion From TH 3 To TH 52**

### **PURPOSE/ACTION REQUESTED**

Receive an update on County Project (CP) 99-013 County Road 46 4-lane expansion project from Trunk Highway (TH) 3 to TH 52.

### **SUMMARY**

To promote a safe and efficient transportation system, Dakota County, the Cities of Rosemount and Coates, and Empire Township are partnering on CP 99-013 (ST00011). CP 99-013 (ST00011) is the preliminary design of County State Aid Highway (CSAH) 46 (160th Street/Brandel Drive) from TH 3 in Rosemount and Empire Township to CSAH 48 (160th Street) in Coates (see Attachment: Location Map). The design includes expanding CSAH 46 to a four-lane divided highway, reviewing the existing right of way, and determining preliminary right of limits.

By Resolution No. 20-427 (September 1, 2020), the County Board authorized execution of a joint powers agreement with the City of Rosemount and authorized execution of a contract with TKDA for design services for CP 99-013 (ST00011). By Resolution No. 21-373 (July 20, 2021), the County Board authorized execution of a contract amendment to TKDA's design contract to include out of scope work for traffic analysis, right of way mapping, additional environmental evaluation, and cultural resources review.

The project team has been developing a preliminary design with project stakeholders. The high-level cost estimate is \$40 million for construction. External funding opportunities have been pursued to help offset County and local costs which included state bonding, 2022 Metropolitan Council Regional Solicitation, and Rebuilding American Infrastructure with Sustainability and Equity (RAISE). The project was not successful in obtaining any of these three outside funding sources.

Throughout 2023, coordination will continue with the University of Minnesota on the preliminary design process to arrive at a layout supported by external partners including the cities and township. Additional outside funding opportunities will also be pursued during the year. Due to ongoing design coordination and funding needs, construction of the project has been programmed in 2027 and will be dependent on securing the necessary funding for the project.

The current pavement condition on CSAH 46 is near the end of its life and an overlay is needed in 2023 to preserve the pavement to an acceptable level. Staff is planning for an overlay on CSAH 46 between TH 3 and CSAH 48 and will include operational improvements for safety and mobility along

the corridor. The overlay will extend the useful life of the pavement and allow additional time to move the design forward, work with stakeholders and secure external funding.

Staff is planning on further evaluation of ramps at the CSAH 46/TH 52 interchange and will be coordinating with the Minnesota Department of Transportation and the City of Coates. This evaluation will be included with the layout for the portion of CSAH 46 from TH 3 to the western edge of the CSAH 46/TH 52 interchange.

## **RECOMMENDATION**

None.

## **EXPLANATION OF FISCAL/FTE IMPACTS**

None       Current budget       Other  
 Amendment Requested       New FTE(s) requested

## **RESOLUTION**

Information only; no action requested.

## **PREVIOUS BOARD ACTION**

20-427; 09/01/20  
21-373; 7/20/21

## **ATTACHMENTS**

Attachment: Location Map

## **BOARD GOALS**

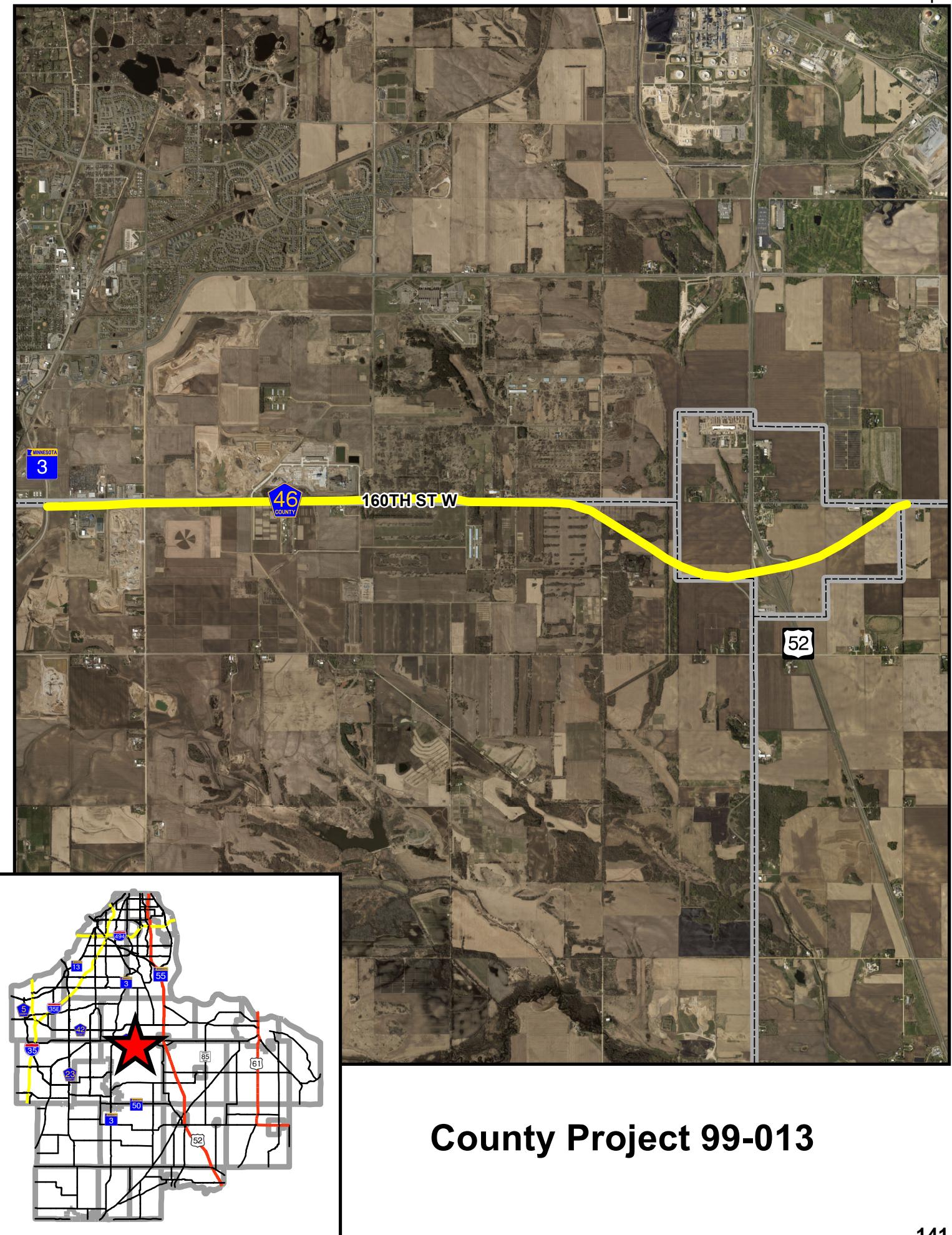
A Great Place to Live       A Healthy Environment  
 A Successful Place for Business and Jobs       Excellence in Public Service

## **PUBLIC ENGAGEMENT LEVEL**

Inform and Listen       Discuss       Involve       N/A

## **CONTACT**

Department Head: Erin Laberee  
Author: Jenna Fabish





# Physical Development Committee of the Whole

## Request for Board Action

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**Item Number:** DC-1760

**Agenda #:** 7.1

**Meeting Date:** 1/10/2023

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Adjournment