



CARVER COUNTY

minnesota

Carver County Board of Commissioners March 1, 2022 Board Meeting

The County Board Room is open to the public. However, Board Room audience capacity is limited to twelve (12) due to COVID-19 concerns.

Individuals who are not able to attend in person and wish to provide public comments can do so by email at admin-contact@co.carver.mn.us or by leaving a voicemail at (952) 361-1516. Public comments received in writing such as those received by e-mail will be summarized during the meeting and posted on the County website at

<https://www.co.carver.mn.us/government/county-board-of-commissioners/county-board-meetings-and-agendas> following the meeting.

Voicemail public comments will be played during the meeting. If you would like to join the Regular Session videoconference please send an e-mail, no later than noon on the Monday prior to the scheduled meeting date, to Carver County Administration at admin-contact@co.carver.mn.us to receive a WebEx invitation.

Public comments that relate to an item on the agenda will be heard when that agenda item is discussed. Please limit your public comments to five minutes or less.

The Regular Session portion of the meeting will be webcast live at: <https://www.youtube.com/user/CarverCountyMN/live>

- 9:00 a.m. 1. a) **CONVENE**
- b) Pledge of allegiance
- c) Public comments submitted via email/voice mail
- 2. Agenda review and adoption
- 3. Approve minutes of February 15, 2022, Regular Session..... 1-4
- 4. Community Announcements
- 9:20 a.m. 5. **CONSENT AGENDA**
- Communities: Create and maintain safe, healthy, and livable communities*
- 5.1 Request to contract with PLM, Blue Water Science, and Waterfront Restoration for AIS Rapid Response Services..... 5
- 5.2 Award of Construction Contract for Countywide 2022 Pavement Marking Contract 6-8
- 5.3 Purchase of Docks for Waconia Regional Park..... 9-11

Connections: Develop strong public partnerships and connect people to services and information

- 5.4 Application for a 1 Day to 4 Day Temporary On-Sale Liquor License for St. Peter Lutheran Church, Watertown 12
- 5.5 Consumption & Display Permit for Marsh Lake Hunting Preserve, Inc... 13

Customer service: Continue the County's delivery of high value, timely service and support

- 5.6 Replacement and Purchase of GPS Units for Program Delivery 14

Culture: Provide organizational culture fostering accountability to achieve goals and sustain trust/confidence in County government

- 5.7 Public Services Division Request for Out of State Conference Approval 15
- 5.8 Approval of Settlement Agreement 16

Growth: Manage the challenges and opportunities resulting from growth and development

- 5.9 Approval of Settlement Agreement for Right of Way for the Jonathan Carver Parkway Project - Phase 1 17-20
- 5.10 Purchase of Property for the Highway 212 Project - Benton Township .. 21

Finances: Improve the County's financial health and economic profile

- 5.11 Office of Justice Programs Pathway to Policing Reimbursement Grant 2022 22-24
- 5.12 Review Health & Human Services and Commissioner Warrants..... NO ATT

9:20 a.m. **6. CONNECTIONS: Develop strong public partnerships and connect people to services and information**

- 6.1 Commissioner Appointment to Joint County Ditch 1 25

9:25 a.m. **7. COMMUNITIES: Create and maintain safe, healthy, and livable communities**

- 7.1 Resolution supporting Carver County senior care communities 26-27
- 7.2 Approval of 5-year Aquatic Invasive Species Strategic Plan 28-55
- 7.3 Joint Powers Agreement and Turnback Agreement for the Highway 117 (Galpin Blvd) Project with the City of Chanhassen 56-57
- 7.4 Award of Construction Contract to Valley Paving, Inc. for Highway 24 Project, Highway 10 Project- North Watertown, and Highway 10 and 127 Resurfacing 58-60
- 7.5 Grant Agreement with MN Department of Transportation for the Highway 24 Project..... 61-62

10:30 a.m. **8. GROWTH: Manage the challenges and opportunities resulting from growth and development**

- 8.1 **Closed Session** for land acquisition for the Highway 212 Project- Dahlgren Township..... 63

11:00 a.m. **9. County Administrator Report**

11:05 a.m. **ADJOURN REGULAR SESSION**

David Hemze
County Administrator

UPCOMING MEETINGS

March 8, 2022	No Board Meeting
March 8, 2022	7:00 p.m. Annual Township Meetings
March 15, 2022	9:00 a.m. Board Meeting
March 22, 2022	9:00 am. Board Work Session
April 5, 2022	No Board Meeting
April 12, 2022	9:00 a.m. Board Meeting

A Regular Session of the Carver County Board of Commissioners was held in the County Government Center, Chaska, on February 15, 2022. Chair Gayle Degler convened the session at 9:00 a.m.

Members present: Gayle Degler, Chair, John P. Fahey, Vice Chair, Tim Lynch, Matt Udermann and Tom Workman.

Members absent: None.

Under public comments, Billie Jean Undesser, introduced herself and stated she was the Executive Director for the Chaska River City Days. She explained they have been updating their website and trying to revamp River City Days and get more people involved. She explained they were a nonprofit and this was a three-day event for the community. She encouraged the Board to offer their input and pointed out the event would be held July 29-31st.

Workman moved, Udermann seconded, to approve the agenda. Motion carried unanimously.

Lynch moved, Fahey seconded, to approve the minutes of the February 1, 2022 Regular Session. Motion carried unanimously.

Lynch moved, Udermann seconded, to approve the following consent agenda items:

Authorized the Parks Department to issue redeemable vouchers for recreation services and products.

Approved STOC funding to hire a temporary Child Protection Social Worker for up to 67 days in 2022 starting in late March/early April and approved related HH&S budget amendment.

Approved 1.0 FTE temporary Public Health Nurse utilizing funding from the MDH Covid-19 Response and Vaccination Implementation Grant and related HH&S budget amendment.

Authorized the County Engineer to sign and execute contracts with Xcel Energy and MVEC for rural intersection lighting facilities, pending finalization the contract review process.

Resolution #11-22, 2022 Seasonal Road Restriction.

Resolution #12-22, Awarding the Highway 32 Bridge and Highway 32 Patching Contract, Carver County Contract 22-052 Project #148744/CP 2201.

Resolution #13-22, Grant Agreement No. 1045732 to Accept Grant Funds from the Minnesota Department of Transportation.

Approved the receipt of free compost from the Shakopee Mdewakanton Sioux Community and to use the material to establish the pollinator planting at the Environmental Center.

Contract with Minnesota Occupational Health.

Reappointed Crystal Campos as County Auditor and Kendra Olson as Election Administrator.

Approved the 2021-2022 AFSCME Public Works Unit Collective Bargaining Agreement and related budget amendment.

Approved the 2022 Attraction and Retention Memorandum of Agreement with Minnesota Public Employees Association Licensed Deputies Bargaining Unit and related budget amendment.

Approved an estimated \$400,000 loan to the County's Ditch Authority to cover the actual 2022 cost for the ditch benefit redeterminations and related buffer strip payments and related Property & Financial Services budget amendment.

Approved citizen donation to Sheriff's Office to purchase a new canine protective vest.

Reviewed February 8, 2022, Community Social Services' actions/Commissioners' warrants in the amount of \$504,909.30 and reviewed February 15, 2022, Community Social Services' actions/Commissioners' warrants in the amount of \$320,215.61.

Motion carried unanimously.

Stephen Manweiler, Metropolitan Mosquito Control Director, presented the Mosquito Control's annual update. He identified services performed by the District. He explained mosquito biology, mosquito habitat and control methods used. He indicated they are also mandated to assess the risk of tick-borne diseases each season and control gnats. He pointed out 2021 was one of their driest years and a quiet season. Manweiler highlighted the number of acres controlled over the last six years.

He reviewed their 2022 tax levy, expenditures and the County's share of that levy. Manweiler explained the financial history of the District, noting the record service demands in 2014. He pointed out in 2016 the District initiated a long-term plan to bring the budget and levy into balance by incremental increases to the annual levy.

Manweiler clarified the materials they use do not have any impact to people or the environment and the EPA has to approve the materials they use.

Chair Degler thanked the District for the update.

Paul Moline, Water Management Department, reviewed Laketown Township's request for a Resolution to support the Township's bonding request for a sewer system feasibility study. He explained in 1983 the County assisted the Township in applying for federal funds to develop the current 201 system. He indicated the grant helped construct and take care of systems around Lake Bavaria, Pierson Lake and Reitze Lake. He stated the system was designed for 20 years in anticipation of the cities annexing the township. He explained that did not happen as fast as initially thought and the system was well past the expected 20-year life. Moline stated the Township was looking for a way to extend the life of the system or hook up to an existing city sewer in those cities. He indicated from a water standpoint there is an interest in doing that to protect those lakes.

Mike Klingelhutz, Laketown Township, explained they were asking for a Resolution of support for a collaborative sanitary sewer feasibility study for \$86,000 in bonding money from the State. He noted the use of their ARPA money to upgrade the lift stations and seal them. He indicated they have been holding together the present system diligently and with great expense. He stated now was a good opportunity to apply for bonding money.

The Board discussed what might occur after the study is completed. Laketown Township supervisors Klingelhutz, Parris and Nelson explained what they hoped to gain by the study including determining future costs, grant opportunities, their next steps and potential to get areas hooked up in the future with the three cities.

Fahey offered the following Resolution, seconded by Lynch:

Resolution #14-22 to Support the Laketown Township State Bonding
Request for the "201" System Feasibility Study

Patrick Lambert, Public Works, requested the Board approve settlements related to the Highway 24 project. He stated the settlements were in line with the Board's previous direction.

Fahey offered the following Resolution, seconded by Degler:

Resolution #15-22
Authorizing Settlement of Compensation for Acquisition of Real Property Interests
Needed for Highway 24 Project

Chair Degler clarified this related to PIDs 10.2000030, 10.0100800, 10.0142200, 10.0100200, 10.1500020, 10.1500010, 10.0121200, 10.0121250, 10.0121400.

On vote taken, Degler, Fahey, Udermann, Workman voted aye. Lynch abstained.

Kerie Anderka, Employee Relations, requested the Board approve the Administrator's 2021 performance rating. She noted the previous closed session to discuss the Administrator's performance and summarized their discussion and overall performance rating.

Lynch moved, Workman seconded, to approve an overall rating of outstanding for County Administrator Hemze's 2021 performance. Motion carried unanimously.

Lynch moved, Udermann seconded, to adjourn as the County Board and convene as the Carver County Ditch Authority. Motion carried unanimously.

Dave Frischmon, Property & Finance, requested the Ditch Authority order the redetermination of benefits for select County ditches and approve viewers for the redetermination. He explained the County included seven county ditches and ten joint ditches with neighboring counties. He pointed out the Ditch Authority's responsibility to oversee ditch inspections, track the costs and spread costs over to the benefitting ditch owners.

He explained, over time, land development expands property owners who benefit from ditch systems and noted the new law that will require payments to property owners for buffer strips. He indicated payment for buffer strips would be completed as part of the redetermination process. Frischmon believed 60,000 acres were in need of redeterminations. He pointed out the Joint Ditch meetings to be held next week with neighboring counties.

Frischmon reviewed staff recommendation to contract with H20 Viewers, pointing out additional services would be included and noted their solid reputation. He identified the projected redetermination costs, buffer strip payments and the multi-year assessments that would follow.

He stated he would be asking the Joint Ditch Boards next week to also order the redetermination and hire viewers for select joint county ditches. Frischmon indicated redeterminations would be completed this summer, followed by landowner meetings and a public hearing.

He explained doing at this time is related to the buffer strip payments, land development and increased land values. He stated staff was recommending that all ditches be brought up to date at this time. Mike Wanous, Soil and Water, concurred it was time to get redeterminations done to make sure the correct property owners were being assessed for work done. He stated this may trigger additional ditch clean out requests and more people would help pay for the work.

Udermann questioned accepting the higher bid and if this was the better of the two bids. Frischmon indicated H20 would provide additional services and they felt there was value in that. He stated H20's way of doing business would be easier for the property owners to understand why they are being charged and how much. He added Sibley County was also impressed with the work H20 performed.

Lynch moved, Fahey seconded, to Order the Redetermination of Benefits for County Ditches 2-3, 5, 6, 7, 9 and 10 and to hire H20 Viewers as the viewers for the Redetermination of County Ditches 2-3, 5, 6, 7, 9 and 10. Degler, Fahey, Lynch, Workman voted aye. Udermann voted nay. Motion carried.

Udermann moved, Lynch seconded, to adjourn the Carver County Ditch Authority. Motion carried unanimously.

David Hemze
County Administrator

(These proceedings contain summaries of resolutions/claims reviewed. The full text of the resolutions and claims reviewed are available for public inspection in the office of the county administrator.)

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Request to contract with PLM, Blue Water Science, and Waterfront Restoration for AIS Rapid Response Services

Primary Originating Division/Dept: <u>Public Services - Planning & Water Mgmt</u>	Meeting Date: <u>3/1/2022</u>
Contact: <u>Andrew Dickhart</u> Title: <u>AIS Coordinator</u>	Item Type: <u>Consent</u>
Amount of Time Requested: <input type="text"/> minutes	Attachments: <input type="radio"/> Yes <input checked="" type="radio"/> No
Presenter: <input type="text"/> Title: <input type="text"/>	

Strategic Initiative:

Communities: Create and maintain safe, healthy, and livable communities

BACKGROUND/JUSTIFICATION:

The Carver County Planning & Water Management Department is responsible for administering the Carver County Aquatic Invasive Species (AIS) Prevention & Management plan. One of the strategies highlighted in the AIS plan is Early Detection Monitoring & Rapid Response. Because rapid response efforts to new AIS introductions require swift response times and often certified pesticide applicators, staff would like to have at least TWO qualified firms under contract to assist in rapid response operations.

Staff released an RFQ for professional services for rapid response and management of AIS in 2020 and then extended the deadline into 2021 because of the pandemic and lack of proposals. Staff has now received proposals from three contractors and is requesting to enter agreements with ALL THREE firms as the RFQ was NOT for a sole source consultant, rather a "pool" of consultants. Having agreements with multiple firms increases the probability that the required services will be available under short notice.

The three proposals were received from 1) PLM Lake and Land Management 2) Blue Water Science, and 3) Waterfront Restoration. The funded amount (\$30,000) is an estimated maximum based on available AIS funds; existing and forecasted for 2022-2023. It is unlikely that that all of the funds will be allocated to only one contractor or used for only one project. Projects will be handled on a work order basis. There may be no projects at all if no new AIS introductions are found or rapid response is deemed to be not feasible. 2022 funds are budgeted and 2023 funds will be based on County Board approved budgets, rollovers, CCWMO levy, and external funding.

ACTION REQUESTED:

Motion to contract with PLM Lake and Land Management, Blue Water Science, and Waterfront Restoration for professional services for rapid response and management of AIS pending the contract review process.

FISCAL IMPACT: Included in current budget

If "Other", specify:

FUNDING

County Dollars =	\$0.00
AIS State Aid, rollover, ...	\$30,000.00
Total	\$30,000.00

FTE IMPACT: None

Related Financial/FTE Comments:

2022 funds are budgeted and 2023 funds will be based on County Board approved budgets, rollovers, CCWMO levy, and external funding.

Office use only:

RBA 2022- 8169

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Award of Construction Contract for Countywide 2022 Pavement Marking Contract

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

This project includes annual maintenance striping on all County highways, which is required to maintain and operate public highways and conform to the MnMUTCD. Carver County held a bid opening on Wednesday, February 16th, 2022, for the Countywide 2022 Pavement Marking Contract. A total of two (2) bids were received and the low responsible bidder was Sir Lines-A-Lot, LLC with a total bid of \$304,442.29, which was 8.4% under the Engineer's Estimate. The Engineer's Estimate was \$332,183.61. After review of the bids, County staff recommend awarding a contract to the low responsible bidder, Sir Lines-A-Lot, for this project.

ACTION REQUESTED:

Motion to adopt a resolution to award a construction contract with SIR LINES-A-LOT in the amount of \$304,442.29 for the Countywide 2022 Pavement Marking Contract, pending finalization of the contract review process.

FISCAL IMPACT:

If "Other", specify:

FUNDING

County Dollars =

FTE IMPACT:

Total

Insert additional funding source

Related Financial/FTE Comments:

* County PW Project ID 228016.

Office use only:

RBA 2022 - 8215

**BOARD OF COUNTY COMMISSIONERS
CARVER COUNTY, MINNESOTA**

Date: March 1st, 2022 Resolution No: _____
Motion by Commissioner: _____ Seconded by Commissioner: _____

**Awarding of the Countywide 2022 Pavement Marking Contract
Carver County Contract 22-062 (PR #228016)**

WHEREAS, The County Engineer has secured and designated funding for this contract in the current fiscal year Road and Bridge budget; and

WHEREAS, On Wednesday, February 16, 2022 at 2:00 p.m. at Carver County Public Works, 11360 Highway 212, Cologne, Minnesota, two (2) bids were received by Carver County Public Works and opened by two (2) representatives of Carver County Public Works for the **Countywide 2022 Pavement Marking Contract**, said bids for the responsible bidders are summarized as follows:

<u>Contractor</u>	<u>Total Bid</u>	<u>Over/Under Engineers Estimate</u>
Traffic Marking Service, Inc.	\$308,796.32	-7.0%
Sir Lines-A-Lot, LLC	\$304,442.29	-8.4%
<i>Engineers Estimate</i>	<i>\$332,183.61</i>	

And WHEREAS, after examination of the bids by Carver County Public Works, Sir Lines-A-Lot, LLC is the successful low responsible bidder.

NOW THEREFORE, BE IT RESOLVED that the Carver County Board of Commissioners hereby authorizes and directs the Carver County Board Chairman and Carver County Administrator to enter into Carver County Contract **22-062** with **Sir Lines-A-Lot, LLC. of Edina, MN**, in the name of the County of Carver for the construction of the **Countywide 2022 Pavement Marking Contract** in accordance with the construction plans and specifications contained in the project manual; and

BE IT FURTHER RESOLVED that Carver County Public Works is hereby authorized and directed to return the proposal guaranty to the bidders, except that of the successful low responsible bidder and second lowest bidder, which shall be retained until the construction contract has been signed and the performance and payment bonds of the low responsible bidder have been executed; and

BE IT FURTHER RESOLVED that Carver County Engineer, or his designee, is hereby authorized to take actions necessary and to enter into work orders, change orders or supplemental agreements on behalf of Carver County with an amount less than twenty-five thousand dollars (\$25,000) and an increased aggregate project total of all project changes of fifty thousand dollars (\$50,000.00), when time is of the essence to make contract changes due to unforeseen construction conditions in order to minimize construction delays and to efficiently carry out the planned project improvements.

YES	ABSENT	NO
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

STATE OF MINNESOTA
COUNTY OF CARVER

I, Dave Hemze, duly appointed and qualified County Administrator of the County of Carver, State of Minnesota, do hereby certify that I have compared the foregoing copy of this resolution with the original minutes of the proceedings of the Board of County Commissioners, Carver County, Minnesota, at its session held on the 1st day of March, 2022, now on file in the Administration office, and have found the same to be a true and correct copy thereof.

Dated this 1st day of March, 2022.

Dave Hemze

County Administrator

MINNCOR Industries
 2420 Long Lake Rd
 Roseville, MN 55113



Quotation

Number: SQ-027671-3
 Quotation Date: 2/11/2022
 Page: 1 of 1
 Customer PO Number ..:
 Your Contact:
 Sales Responsible: Jessica Berg
 Quotation Expiration Date: 3/6/2022
 Terms: NET 30

Main: 651.361.7500
 Toll Free ..: 800.MINNCOR
 Fax: 651.603.0119
 E-mail: customer-service@minncor.com

Bill To:
 Carver County Parks
 10775 County Road 33
 Young America, MN 55397

Deliver To:
 Carver County Parks
 10775 County Road 33
 Young America, MN 55397

Line#	Item number	Item Name	Quantity	Unit	Unit price	Req Ship Date	Amount
1	CustomMetalProduct Dept: 10 CC: 10	Custom Metal Product Custom boarding/ferry dock with sheriff's dept slip. Lake Waconia	1.00	EA	41,400.0000	2/4/2022	41,400.00
2	CustomMetalProduct Dept: 10 CC: 10	Custom Metal Product L shaped Ferry dock without sheriff slip	1.00	EA	34,200.0000	2/11/2022	34,200.00
3	CustomMetalProduct Dept: 10 CC: 10	Custom Metal Product 3 slip mini marina for COney Island	1.00	EA	41,700.0000	2/11/2022	41,700.00
4	CustomerDockorSite Dept: 10 CC:	Customer Dock or Site Delivery Product will be delivered to the customer specified receiving area or loading dock. Product will remain in factory packaging.	1.00	EA	500.0000	2/11/2022	500.00

Sales balance	Sales tax	Total
117,800.00	0.00	117,800.00

North Shore Docks
 3250 Northshore Dr
 Wayzata, MN 55391 US
 (612) 282-4664
 travis@nsmarina.com

Estimate

ADDRESS
 Jake Sandvig

ESTIMATE # 1037
DATE 12/08/2021
EXPIRATION DATE 01/08/2022

DATE	SERVICE	DESCRIPTION	QTY	RATE	AMOUNT
	Commercial North Shore Docks Floating Dock System	The floating structure is custom built with aluminum framework and Roto molded floats. The decking we use is composite material called Titan decking that is strong, durable and maintenance free. Titan is available in both mushroom and gray color. 1) 5'x20' Walkway from shore to the main walkway. 100ft2 1) 5'x116' Main Walkway. 580ft2 5) 4'x24' Fingers. 480ft2 4' Corners in each corner of the 32' fingers. 64 ft2	1,224	110.00	134,640.00T
	Gangway	To be determined at time of project invoicing	0		0.00T
	Pipe Bracket with Pipe	Included in ft2 price	13	0.00	0.00T
	Install	Not included	1	0.00	0.00T

Thank you for your interest in our commercial floating dock system that we have used in many marina applications along with residential applications to house boathouses. Titan, which is the product that we use for decking is available in both a mushroom or gray color. This estimate is for the floating structure itself and does not include install at this time. This project if it is approved would not be available until winter 2022 if North Shore Docks is not installing or spring 2023 if North Shore Docks is installing due to supply chain issues. Thank you
 Travis Anderson

SUBTOTAL	134,640.00
TAX	10,131.66
TOTAL	\$144,771.66

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Application for a 1 Day to 4 Day Temporary On-Sale Liquor License for St. Peter Lutheran Church, Watertown

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

St. Peter Lutheran Church, 3030 Navajo Ave, Watertown has applied for a 1 Day to 4 Day Temporary On-Sale Liquor License. They are planning an event for Sunday, May 22, 2022. The event will be held in the church parking lot and grounds. The officers are Dale Muhs (President); Brenda Dressel (Vice-President); Deborah Muhs (Secretary); Joyce DeNomme (Treasurer); & Dale Muhs (Chairman). There are no delinquent taxes on this property.

ACTION REQUESTED:

Motion to approve the 1 Day to 4 Day Temporary On-Sale Liquor License application for St. Peter Lutheran Church, Watertown for Sunday, May 22, 2022.

FISCAL IMPACT:

If "Other", specify:

FUNDING

County Dollars =

FTE IMPACT:

Total \$0.00

Insert additional funding source

Related Financial/FTE Comments:

Office use only:

RBA 2022 - 8203

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Consumption & Display Permit for Marsh Lake Hunting Preserve, Inc

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

Shawn Eastman, Manager of Marsh Lake Hunting Preserve, Inc has applied for annual renewal of their Consumption & Display Permit for 2022-2023. Marsh Lake Hunting Preserve, Inc is located at 5785 Hunters Rd, Chaska. There are no delinquent real estate taxes on this property.

ACTION REQUESTED:

Motion to approve the annual renewal of the Consumption & Display Permit for Marsh Lake Hunting Preserve, Inc.

FISCAL IMPACT:

If "Other", specify:

FUNDING

County Dollars =

FTE IMPACT:

Total **\$0.00**

Insert additional funding source

Related Financial/FTE Comments:

Office use only:

RBA 2022 - 8206

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Replacement and Purchase of GPS Units for Program Delivery

Primary Originating Division/Dept: <input type="text" value="Public Works - Program Delivery"/>	Meeting Date: <input type="text" value="3/1/2022"/>
Contact: <input type="text" value="Luke Kranz"/> Title: <input type="text" value="Assistant County Surveyor"/>	Item Type: <input type="text" value="Consent"/>
Amount of Time Requested: <input type="text" value=""/> minutes Presenter: <input type="text" value=""/> Title: <input type="text" value=""/>	Attachments: <input type="radio"/> Yes <input checked="" type="radio"/> No
Strategic Initiative: <input type="text" value="Customer Service: Continue the County's delivery of high value, timely service and support"/>	

BACKGROUND/JUSTIFICATION:

Carver County Public Works is looking to replace two of our older GPS units. This equipment is used on a regular basis by our surveyors, inspectors, and engineers on a variety of road, bridge, and land surveying projects. GPS technology continues to advance making projects more efficient. We are looking to replace our two older Trimble R8 GNSS units with two new Trimble R12i GNSS units, along with purchasing a used Trimble R10 GNSS unit. The total cost is quoted at \$79,360.57. This price is from Frontier Precision who is the local Minnesota vendor for Trimble and the pricing is based on the State Contract.

ACTION REQUESTED:

Motion to approve the purchase of two new Trimble R12i and one used Trimble R10 GNSS GPS Units from Frontier Precision for the Public Works Program Delivery Department.

FISCAL IMPACT: <input type="text" value="Included in current budget"/>	FUNDING
If "Other", specify: <input type="text" value=""/>	County Dollars = <input type="text" value="\$79,360.57"/>
FTE IMPACT: <input type="text" value="None"/>	Total <input type="text" value="\$79,360.57"/>
<input checked="" type="checkbox"/> Insert additional funding source	

Related Financial/FTE Comments:

\$75,000 was included in the 2022 Budget in Attachment E . The additional funds will come from a carry over of 2021 funds for equipment in Department 303.

Office use only:

RBA 2022 - 8201

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Public Services Division Request for Out of State Conference Approval

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

Out of state travel request for IT Security Manager to attend a cybersecurity conference from April 20-22, 2022 in Orlando, Florida. The conference is hosted by Knowbe4, a cybersecurity company that specializes in protecting the human element of cybersecurity. The landscape of cybersecurity is ever changing and a conference such as this helps Carver County stay on top of trends and further the organization's security posture.

ACTION REQUESTED:

Approval for out of state conference and travel for the IT Security Manager to attend the 2022 KB4-CON Conference April 20-22, 2022 in Orlando Florida.

FISCAL IMPACT:

If "Other", specify:

FUNDING

County Dollars = **\$1,500.00**

FTE IMPACT:

Total **\$1,500.00**

Insert additional funding source

Related Financial/FTE Comments:

Conference cost will be covered through existing Information Technology budget. The figure listed includes anticipated travel, lodging and expenses, conference registration fees are free as a customer.

Office use only:

RBA 2022 - 8216

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Approval of Settlement Agreement

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

The County and former employee Leah Neudorff have reached a full and final settlement in the amount of \$8,631.50 to settle a pending civil matter filed by AFSCME Council 65 and Ms. Neudorff. The settlement includes a full release and waiver of all claims and withdrawal of the grievance with prejudice by AFSCME and Ms. Neudorff, and non-admission of liability clause. The County maintains no wrongdoing related to this matter but recognizes this as a cost-effective resolution which brings closure to this matter and avoids the high cost of continuing litigation.

ACTION REQUESTED:

Motion to approve the Settlement Agreement between Carver County and AFSCME Council 65 representing Leah Neudorff in the amount of \$8,631.50.

FISCAL IMPACT:

If "Other", specify:

FUNDING

County Dollars =

FTE IMPACT:

Total

Insert additional funding source

Related Financial/FTE Comments:

Office use only:

RBA 2022 - 8228

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Approval of Settlement Agreement for Right of Way for the Jonathan Carver Parkway Project - Phase 1

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

The 2021 construction season included the Jonathan Carver Parkway Project - Phase 1 which is the reconstruction and expansion of Highway 11 (Jonathan Carver Parkway) to a four-lane highway between 4th Street and Highway 61 in the City of Carver. The project is near completion. Additional right-of-way was needed to complete the project scope. Carver County contracted with appraisers in order to establish fair market value for the right of way acquisitions needed in support of the project and Public Works staff reviewed the appraisals. Public Works staff also completed minimum damage assessments to establish fair market value for parcels that did not require an appraisal.

One additional parcel of land is being acquired in fee title in order to obtain clear title to the land for all highway and public purposes and this request is for that parcel. The acquisition area is currently encumbered with a drainage & utility easement on the subdivision plat and a prescriptive (unrecorded) trail easement. The fee acquisition would allow for clear title to use the property for all public transportation, trail and utility purposes. Public Works staff are recommending the county board authorize the settlement for compensation to the impacted property owners located at PID #20.2400150 based on the completed appraisal.

ACTION REQUESTED:

Motion to adopt a resolution to payment of compensation for right-of-way acquisition for the Jonathan Carver Parkway Project - Phase 1 at PID #20.2400150

FISCAL IMPACT:

If "Other", specify:

FTE IMPACT:

FUNDING

County Dollars =	<input type="text" value=""/>
CSAH Const. Funds	\$19,150.00
City of Carver	\$19,150.00
Total	\$38,300.00

Insert additional funding source

Related Financial/FTE Comments:

**BOARD OF COUNTY COMMISSIONERS
CARVER COUNTY, MINNESOTA**

Date: March 1, 2022

Resolution No: _____

Motion by Commissioner: _____

Seconded by Commissioner: _____

Resolution Authorizing Settlement of Compensation to Owners for Acquisition of Real Property Interests Needed for Jonathan Carver Parkway Project – Phase 1

WHEREAS, the Board of Commissioners of Carver County is the official governing body of Carver County (“County”); and

WHEREAS, the County, acting by and through its Board of Commissioners, is authorized by law, and pursuant to Minnesota Statutes, § 163.02, subd. 2; §117.012; and § 117.042, to acquire land and other real property interests in Carver County which the County needs for a public use or public purpose; and

WHEREAS, the County proposes to construct highway and related improvements in Carver County for expansion to a four-lane highway as part of the Jonathan Carver Parkway Project – Phase 1 (“Project”); and

WHEREAS, to complete the Project, the County must acquire the real property interests described in Exhibit A, attached hereto, from the Owners of the real property interests identified in said Exhibit A; and

WHEREAS, the County obtained either an appraisal(s) from a licensed real estate appraiser when the estimate of the damages from the County’s proposed acquisitions of the real property interests described in said Exhibit A exceeds \$25,000, or the County obtained a minimum damage acquisition report from a qualified person with appraisal knowledge, in lieu of an appraisal, when the estimate of the damages from the County’s proposed acquisitions of the real property interests described in said Exhibit A is under \$25,000; and

WHEREAS, County must determine and submit an initial written offer of just compensation to the Owners of said needed real property interests covering the full amount of damages caused by the County’s proposed acquisitions; and

WHEREAS, the Owners of said real property interests may obtain an independent appraisal by a qualified appraiser of the real property interests which the County proposes to acquire for the Project; and

WHEREAS, the Owners of said real property interests are entitled to reimbursement for the reasonable costs of the appraisal from the County up to a maximum of the limits stated in Minn. Stat. §117.036, provided the Owner submits to County the information necessary for reimbursement; and

WHEREAS, the Carver County Board of Commissioners authorized the Public Works Division Director or agents under his supervision, to make initial written offers of just compensation to the Owners within the Project from whom property interests are required; and

WHEREAS, the Public Works Division Director or agents under his supervision, have negotiated settlement(s) with the Owners impacted by the Project as described in said Exhibit A.

NOW, THEREFORE, BE IT RESOLVED that County’s acquisition of the real property interests described in said Exhibit A and the construction of highway and related improvements of Expanding the roadway to 4 lanes as part of the Jonathan Carver Parkway Project – Phase 1 constitute a valid public use or public purpose; and

BE IT FURTHER RESOLVED that based upon the estimate of damages from the County’s proposed acquisitions of the real property interests described in said Exhibit A which the County obtained either from an appraisal(s) or a minimum damage acquisition report(s) and the negotiations between said Owner(s) and the Public Works Division Director or agents under his supervision, County shall make a payment of compensation to the Owners within the Project from whom the County must acquire needed real property interests, in the amounts as described in said Exhibit A; and

BE IT FURTHER RESOLVED that the Carver County Board of Commissioners hereby authorizes and directs the Carver County Board Chairman and Carver County Administrator to enter into Stipulation of Settlement Agreement with said property owner(s), in the name of the County of Carver for the Project.

YES	ABSENT	NO
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

STATE OF MINNESOTA
COUNTY OF CARVER

I, Dave Hemze, duly appointed and qualified County Administrator of the County of Carver, State of Minnesota, do hereby certify that I have compared the foregoing copy of this resolution with the original minutes of the proceedings of the Board of County Commissioners, Carver County, Minnesota, at its session held on March 1, 2022, now on file in the Administration office, and have found the same to be a true and correct copy thereof.

Dated this 1st day of March 2022

Dave Hemze County Administrator

Exhibit A
to
Resolution Authorizing Settlement of Compensation to Owners for Acquisition of Real Property
Interests

Jonathan Carver Parkway Project – Phase 1

Carver County Public Works No. 168811

Property Tax Identification No. 20.2400150

Fee Owners: Gunner & Sara Geller

Property Address: 1126 Lorraine Ct, Carver MN 55315

Settlement Amount: \$38,300.00

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Purchase of Property for the Highway 212 Project - Benton Township

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

Carver County Public Works is currently in the preliminary design phase of the Highway 212 Project - Benton Township. This project includes the expansion of existing Highway 212 to a 4-lane expressway from approximately 1,200 feet West of Highway 34 in the City of Norwood Young America to Highway 36 (W) in the City of Cologne. Additional right of way will be needed in order to complete the project. A portion of the property located at PID #11.0130500 is located within the proposed corridor of the project improvements, and the property owners contacted the Public Works Staff about purchasing the entire property since they would like to sell the entire property now. The Public Works Senior Right of Way Agent has completed a comparable sale analysis on the property in order to establish a value. Public Works staff is recommending purchase of the property and any remnant of the parcel will be sold once the project is completed in 2025.

ACTION REQUESTED:

Motion to approve a purchase agreement for the acquisition of land for the Highway 212 Project - Benton Township at PID #11.0130500.

FISCAL IMPACT:

If "Other", specify:

FUNDING

County Dollars =	<input type="text" value=""/>
Trans. Sales Tax	\$90,000.00
Total	\$90,000.00

FTE IMPACT:

Insert additional funding source

Related Financial/FTE Comments:

Office use only:

RBA 2022 - 8222

Carver County Board of Commissioners Request for Board Action



Agenda Item:
Office of Justice Programs Pathway to Policing Reimbursement Grant 2022

Primary Originating Division/Dept: Sheriff ▼	Meeting Date: 3/1/2022 📅
Contact: George Pufahl Title: Lieutenant	Item Type: Consent ▼
Amount of Time Requested: <input type="text"/> minutes Presenter: <input type="text"/> Title: <input type="text"/>	Attachments: <input checked="" type="radio"/> Yes <input type="radio"/> No
Strategic Initiative: Finances: Improve the County's financial health and economic profile ▼	

BACKGROUND/JUSTIFICATION:

The Carver County Sheriff's Office started a Sheriff's Cadet Program in 2018 (Pathway to Policing Program). The Pathway to Policing Program grant covers half of the cost associated in this program. Sheriff's Cadets are individuals the Sheriff's Office has committed to employ as licensed peace officers once they become qualified by meeting all normal hiring standards for the position. The Carver County Sheriff's Office will provide proper education and training to the cadet that fully satisfies Minnesota P.O.S.T board requirements.

ACTION REQUESTED:

Request for the County Board to adopt the Resolution Authorizing Execution of Agreement and the Grant Agreement.

FISCAL IMPACT: Budget amendment request form ▼ If "Other", specify: <input type="text"/>	FUNDING <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">County Dollars =</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Grant</td> <td style="text-align: right;">\$45,618.00</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$45,618.00</td> </tr> </table>	County Dollars =	<input type="text"/>	Grant	\$45,618.00	Total	\$45,618.00
County Dollars =	<input type="text"/>						
Grant	\$45,618.00						
Total	\$45,618.00						
FTE IMPACT: None ▼	<input checked="" type="checkbox"/> Insert additional funding source						

Related Financial/FTE Comments:
Budget amendment included to recognize grant funded costs.

Office use only:
RBA 2022 - 8190



BOARD OF COUNTY COMMISSIONERS
CARVER COUNTY, MINNESOTA

Date: Resolution No.:
Motion by Commissioner: Seconded by Commissioner:

RESOLUTION AUTHORIZING EXECUTION OF AGREEMENT

Be it resolved that Carver County Sheriff's Office will enter into a cooperative agreement with the Office of Justice Programs in the Minnesota Department of Public Safety.

Sheriff Jason Kamerud is hereby authorized to execute such agreements and amendments, as are necessary to implement the project on behalf of Carver County Sheriff's Office.

Table with 3 columns: YES, ABSENT, NO. Each column contains five horizontal lines for recording votes.

STATE OF MINNESOTA
COUNTY OF CARVER

I, David Hemze, duly appointed and qualified County Administrator of the County of Carver, State of Minnesota, do hereby certify that I have compared the foregoing copy of this resolution with the original minutes of the proceedings of the Board of County Commissioners, Carver County, Minnesota, at its session held on the 1st day of March, 2022, now on file in the Administration office, and have found the same to be a true and correct copy thereof.

County Administrator

Budget Amendment Request Form



To be filled out AFTER RBA submittal

Agenda Item: Office of Justice Programs Pathway to Policing Reimbursement Grant 2022

Department:

Meeting Date:

Fund:

- 01 - General
- 02 - Reserve
- 03 - Public Works
- 11 - CSS
- 15 - CCRRA
- 30 - Building CIP
- 32 - Road/Bridge CIP
- 34 - Parks & Trails
- 35 - Debt Service

Requested By:

DEBIT		
Description of Accounts	Acct #	Amount
Sal/Ben	01-201-236-1612.6111	\$45,618.00
TOTAL		\$45,618.00

CREDIT		
Description of Accounts	Acct #	Amount
Pathway to Policing Grant	01-201-236-1612....	\$45,618.00
TOTAL		\$45,618.00

Reason for Request:

Budget for State grant reimbursement for cadet program (pathway to policing program)

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Commissioner Appointment to Joint County Ditch 1

Primary Originating Division/Dept: Administration (County)

Meeting Date: 3/1/2022

Contact: Dave Hemze Title: County Administrator

Item Type:
Regular Session

Amount of Time Requested: 5 minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

Connections: Develop strong public partnerships and connect people to services and information

BACKGROUND/JUSTIFICATION:

At the County Board's January 4th Organizational Session, Commissioners Fahey, Degler and Lynch were appointed to Joint County Ditch #1. Due to a conflict of interest related to Joint Ditch #1 redetermination of benefits, Commissioner Lynch has requested his appointment be rescinded and another Board member be appointed to Joint County Ditch #1.

ACTION REQUESTED:

Motion to rescind the apointment of Commissioner Lynch to Joint Ditch #1 and appoint another Board Member to Joint County Ditch #1.

FISCAL IMPACT: None

If "Other", specify:

FUNDING

County Dollars =

FTE IMPACT: None

Total \$0.00

Insert additional funding source

Related Financial/FTE Comments:

Office use only:

RBA 2022 - 8229

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Resolution supporting Carver County senior care communities.

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

Carver County senior care communities, as well as senior care communities statewide, are facing a crisis having adequate caregiver staff to meet the care needs of our senior population. The COVID-19 pandemic has amplified this crisis. Two senior care facilities in Carver County have received support from the National Guard to assist with staffing shortages.

While this assistance is greatly appreciated, it is short term, and does not resolve the more structural concerns related to this crisis situation. Long term solutions are needed. Minnesota's leaders, including the State Legislature, will need to come together to support sustainable investments in senior care communities.

Mike Senden, President and CEO of Auburn Homes and Services will speak to the Board about these concerns facing senior care communities in Carver County.

ACTION REQUESTED:

Motion to approve the resolution supporting Carver County senior care communities.

FISCAL IMPACT:

If "Other", specify:

FUNDING

County Dollars =

FTE IMPACT:

Total

Insert additional funding source

Related Financial/FTE Comments:

Office use only:

RBA 2022 - 8224

BOARD OF COUNTY COMMISSIONERS CARVER COUNTY, MINNESOTA

Date: _____ Resolution No: _____
 Motion by Commissioner: _____ Seconded by Commissioner: _____

Carver County Board of Commissioners is concerned about the crisis that is facing senior care communities in Carver County, as well as the state of Minnesota, which has been amplified by the COVID-19 pandemic.

WHEREAS, A lack of revenue from lower-than-expected occupancy, added expenses of caring for seniors during the time of COVI D-19, and inadequate ongoing financial support from state or federal sources in 2021 have put Carver County senior care communities in an unsustainable position; and

WHEREAS, There are over 23,000 unfilled caregiver positions in Minnesota senior care communities Data shows that over 75% of nursing homes statewide are limiting admissions and the primary reason cited is the lack of staff to care for additional residents: and

WHEREAS, When senior care communities cannot accept seniors into our building, there are backups in hospitals that affect the delivery of health care for everyone; and

WHEREAS, Carver County senior care communities are committed to providing safe, quality care to everyone in need in Carver County; and

WHEREAS, Carver County Health and Human Services offers assistance to and provides various supports to our senior care communities, but is unable to provide direct staffing support; and

WHEREAS, This crisis facing our senior care communities in Carver County, as well as in the state of Minnesota cannot be solved without help from the community and Minnesota’s leaders.

NOW, THEREFORE BE IT RESOLVED, That Carver County Board of Commissioners encourages Minnesota's leaders to come to together to prioritize seniors and their caregivers and request the Minnesota Legislature provide additional investments in senior care communities.

YES	ABSENT	NO
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I, Dave Hemze, duly appointed and qualified County Administrator of the County of Carver, State of Minnesota, do hereby certify that I have compared the foregoing copy of this resolution with the original minutes of the proceedings of the Board of County Commissioners, Carver County, Minnesota, at its session held on the day of March 1, 2022, now on file in the Administration office, and have found the same to be a true and correct copy thereof.

 Dave Hemze County Administrator

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Approval of 5-year Aquatic Invasive Species Strategic Plan

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

The Carver County Planning & Water Management Department is responsible for the development and implementation of the County's Aquatic Invasive Species (AIS) Prevention and Management program. PWM staff have received direction from the Carver County Board of Commissioners to draft a 5-year strategic plan outlining the AIS program. Staff has identified goals, objectives, and priorities to be outlined in the plan and has received input from local stakeholders and a recommendation from the Water Management Organization Citizen Advisory Committee. This plan will serve as a guide for staff to utilize when preparing and prioritizing annual AIS watercraft inspection, monitoring, outreach, and management programs or projects.

Staff will present a summary of the 5-year AIS Strategic Plan and is seeking Board approval.

ACTION REQUESTED:

Motion to approve the 5-year Aquatic Invasive Species Strategic Plan.

FISCAL IMPACT:
If "Other", specify:

FUNDING

County Dollars =

Total

FTE IMPACT:

Insert additional funding source

Related Financial/FTE Comments:

Office use only:

RBA 2022 - 8226



Carver County

2022 – 2026 AQUATIC INVASIVE SPECIES STRATEGIC PLAN

February 2022

The purpose of this five-year AIS Strategic Plan is to outline the current status of the AIS program, future direction, and framework for implementing new and ongoing actions strategies. During this time, additional priorities, goals, and action steps will be identified as part of an ongoing mission to successfully prevent and control invasive species, prevent habitat loss, water quality degradation, and other impacts associated with AIS and to ensure access to lands, lakes, and rivers in Carver County.

Carver County Planning & Water
600 E 4th St, Chaska MN 55318
www.co.carver.mn.us/water

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DRAFT

1.0 Executive Summary

The Carver County Planning & Water Management Department is responsible for the development and implementation of the Carver County Aquatic Invasive Species (AIS) Management Program which works to prevent, manage, and control invasive species in the lakes, rivers, and wetlands of the county. The goals, action strategies, and objectives of the program were identified in the 2017 Aquatic Invasive Species Prevention and Management Plan, which is revised and updated in this document. The current plan is comprised of five central strategies to achieve these goals: Promote Collaboration, Education & Public Outreach, Watercraft Inspections & Decontamination, Early Detection Monitoring & Rapid Response, and AIS Management Projects. Within each strategy there are specific objectives and associated actions to effectively manage aquatic invasive species and their impacts on Carver County's native ecosystems. These objectives have been prioritized by county staff, the Board of Commissioners, and participants in AIS Stakeholder workshops.

2.0 AIS Plan Objective

The Carver County Planning & Water Management Department published its first AIS Management Plan in 2017 which documented currently known AIS issues in the County and identified goals and objectives that could be implemented by the County and its partners. This update reflects the program's ongoing mission to fulfill the objectives in the 2017 Plan and describes future needs and priorities of the program to manage the impacts of AIS in Carver County. The purpose of this five-year AIS Strategic Plan is to outline the current status of the program, future direction, and framework for implementing new and ongoing actions strategies. During this time, additional priorities, goals, and action steps will be identified as part of an ongoing mission to successfully prevent and control invasive species, prevent habitat loss, water quality degradation, and other impacts associated with AIS and to ensure access to lands, lakes, and rivers in Carver County. Invasive species management is strongly tied to water quality and quantity and will be integrated with the Department's water management activities to establish a holistic approach to AIS prevention and management.

2.1 Goals

In addition to the strategies outlined in this strategic plan, staff has set the following goals related to the prevention and management of AIS to address current and forecasted challenges over the next five years.

- ✓ Increase public awareness and participation in prevention.
- ✓ Increase available resources and leverage partnerships.
- ✓ Assess county resources and risks for AIS introduction and spread.
- ✓ Assess and control existing populations of AIS to minimize harmful impacts.
- ✓ Continue to prioritize and adapt to funding and other changes.
- ✓ In-depth evaluation of prevention & management strategies, projects, and education efforts for efficacy and cost-effectiveness.

3.0 Introduction

3.1 AIS in Minnesota

Aquatic invasive species (AIS) are nonindigenous species that threaten the diversity or abundance of native species, the ecological stability of infested waters, or any commercial, agricultural, aquacultural, or recreational activities dependent on such waters. As the world trade network continues to grow, new markets and trade routes continually open. This growth will increase the number of new species introductions and the frequency with which such introductions occur. Unchecked, AIS have the potential to imperil public health and transform ecosystems, resulting in widespread environmental degradation. AIS also threaten sectors of the state's economy that depend upon natural resources and native ecosystems. Aquaculture, tourism, property value, recreation, shipping, and water resource infrastructure, including hydropower facilities, may be adversely impacted by AIS. Some AIS introductions cannot be eradicated once established, and the invasion itself becomes irreversible. Proactive and coordinated management is necessary to protect the waters of Minnesota from AIS.

Minnesota's waterways have experienced a number of these aquatic invaders and are threatened by more in nearby regions. Many AIS were originally introduced to the great lakes area by ballast water discharges from over sea commercial vessels, and by the aquarium trade. AIS have continued to spread from human activities, specifically water related activities such as fishing, hunting, and water recreation here in the land of 10,000 lakes. Some common AIS that have made their way to Minnesota include: zebra mussels (*Dreissena polymorpha*), Eurasian watermilfoil (*Myriophyllum spicatum*), curly-leaf pondweed, (*Potamogeton crispus*), several species of carp (*Cyprinidae*), and more recently starry stonewort (*Nitellopsis obtusa*). We are also on the lookout for other species not yet in the state where arrival is likely imminent and of high impact, such as hydrilla (*Hydrilla verticillata*) and quagga mussels (*Dreissena rostriformis*).

Minnesota is committing to AIS prevention efforts to ensure our water resources can be enjoyed by future generations. The 2014 Legislative Session enacted Law Chapter 308 to provide Minnesota counties with [Aquatic Invasive Species Aid](#). Under the program, Counties are tasked with aiding in the prevention of aquatic invasive species through activities that “may include but are not limited to, site-level management, countywide awareness, and other procedures that the county finds necessary to achieve compliance.” The state administered \$4,500,000 for the year of 2014, and \$10,000,000 in 2015

AIS State Prevention Aid	
Year	Carver County
2014	\$59,671
2015	\$132,000
2016	\$132,000
2017	\$126,006
2018	\$137,325
2019	\$132,278
2020	\$132,294
2021	\$132,055
2022	\$141,746

Table 1: Annual AIS State Prevention Aid

and each year thereafter if statute remains unchanged. The amount designated to each county is based on the number of public water accesses as well as the number of watercraft trailer parking spaces within the county. Table 1 shows the prevention aid dollar amounts Carver County received each year since 2014. County efforts will be in addition to work conducted by the MN Department of Natural Resources. It is the hope that this legislation will, with federal, state, and local support, reduce the spread of aquatic invasive species and their detrimental effects on Minnesota's lakes and rivers.



Figure 1: Carver County Location

3.2 County Background Information

Located just southwest of the Twin Cities, Carver County encompasses eleven cities, ten townships, and is home to 106,922 people per the 2020 US Census. The city of Chaska, situated in the western part of Carver County, is the County seat. The County shares its borders with Wright County to the north, Hennepin County to the east, Scott and Sibley Counties to the south, and McLeod County to the west. According to state records, Carver County has 76 named lakes, 29 public water accesses, and 335 public trailer parking spots. A small portion of Lake Minnetonka is on the Carver/Hennepin border and is managed by Hennepin County.

3.3 County AIS Prevention History

The Carver County AIS program got its start in 2011, shortly after state legislation allowed the MN DNR to share its watercraft inspection authority with the Counties. Members of the Lake Minnewashta Preservation Association (LMPA) reached out to the County and expressed their concern of AIS spreading to the lake. This put the wheels in motion for launching a watercraft inspection program.

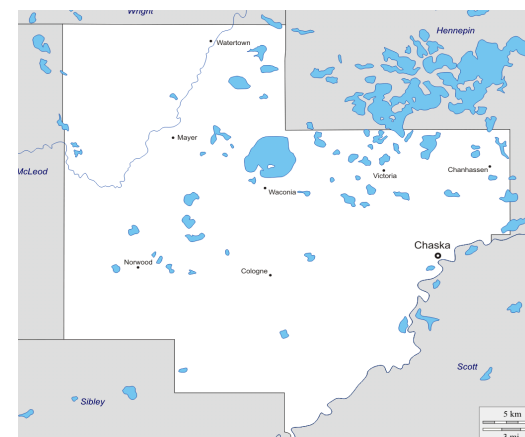


Figure 2: Carver County Boundary

In 2012, with support from partnerships with the Minnehaha Creek Watershed District (MCWD) and Friends of Lake Bavaria, the County was able to provide watercraft inspection services at public water accesses on 5 lakes including Waconia, Hydes, Rietz, Bavaria, and Minnewashta.

The watercraft inspection program has evolved over the last decade due to funding and logistical challenges (Table 2). For instance, the number of public water accesses receiving watercraft inspection services has varied due to funding, local partnership, and prioritization changes. As funding shifts, implementation challenges arise, such as prioritizing which lakes receive inspections, hours of inspections, and reviewing inspection strategies and logistics to align with available resources. The roving inspection program is one example of a creative implementation change.

Roving inspections are watercraft inspections that take place at multiple accesses by a single inspector who “roves” between various lakes. This model was attempted as a response to a decrease in partnership funds in 2017 and 2018. The idea was that one inspector would be able to conduct inspections on lower-use lakes with the use of signs that direct boaters to call the inspector, who would arrive within five minutes. Ultimately, although reducing costs for inspections, this model was discontinued because of very limited occurrences of boaters calling the inspector. Nonetheless, Carver County continues to creatively plan and prioritize resources accordingly for anticipated and unforeseen program changes.

The AIS program was initially implemented by the Carver County Parks Department until 2016 when the county determined that the program would be a better fit for the Planning & Water Management Department. The county subsequently hired a full-time AIS Coordinator to further develop and implement the program. The AIS program began to include more strategies such as decontamination, early detection monitoring, rapid response, and other AIS management projects that are highly linked to water management and the department's goals and priorities. AIS management is included in the Carver County Water Management Organization's (CCWMO) Watershed Management Plan, annual water monitoring plans, and as criteria to prioritize projects and waterbodies.

AIS Watercraft Inspection Program History			
Year	Public Water Accesses with Inspection Services	Roving lakes	Decontamination Service
2011	1	No	No
2012	5	No	No
2013	11	No	No
2014	10	No	No
2015	15	No	Yes
2016	15	No	Yes
2017	11	Yes	Yes
2018	11	Yes	Yes
2019	7	No	Yes
2020	7	No	Yes
2021	8	No	Yes

Table 2: AIS Program History

3.4 Importance of AIS Control in Water Management

Invasive species can have direct and substantial effects on water quality and quantity, as well as the plants and animals that rely on aquatic habitats. Scientists recognize that riparian communities are among the most susceptible to invasion by non-native species. Both terrestrial and aquatic invasive species affect watershed condition by altering erosion, runoff, and deposition processes. Failure to account for these effects in total maximum daily load models could result in substantial errors in calculating load allocations. These effects along with other natural physical processes may affect water availability and lead to flooding or drought.

Various means exist for invasive species to degrade water quality:

- Invasive species have the potential to disrupt nutrient loading as seen with water hyacinth and bunchgrass, alter sediments (zebra mussels), and release toxins as would be the result of a Tui Chub introduction.
- Invasive species also alter pollutants through bioaccumulation and the introduction of other contaminants into waterways. As new invasive species are introduced, many management efforts are relying on pesticides to

control invasive species spread, however this mitigation strategy may exacerbate ecological and human health effects.

- Decomposition of invasive plants, such as Eurasian watermillfoil, alters the loading cycles of nitrogen and phosphorus.
- Following die off, bacterial decomposition of decaying plant material can reduce dissolved oxygen.
- Zebra and Quagga mussels filter particles from the water column and concentrate nutrients in their feces, changing nutrient regimes and enriching sediment. They also change water clarity and alter conditions for native species adapted to turbidity, accumulate and transfer water-borne contaminants to other benthic invertebrates and contribute to cyanobacteria blooms.
- Invasive species are well known to restructure freshwater food webs.

Many other examples of how invasive species affect water quality and quantity exist, so the management of invasive species in waterways should be holistic and integrated with other waterway management activities, other nuisance plant and animal control work, and fisheries management activities.

4.0 Current Status of County Waters

As of September 2021, the following waters in Carver County were listed as infested with AIS by the MN DNR (Table 3). The County has 29 waterbodies that are currently infested with Eurasian watermilfoil and 9 that are infested with zebra mussels. After the discovery of zebra mussels in Lake Minnewashta, County Water Management and Minnehaha Creek Watershed District (MCWD) staff, along with support from Lake Minnewashta Preservation Association (LMPA), led a rapid response effort to control and eradicate the infestation. Thanks to an aggressive early detection program, the zebra mussel infestation was found early enough for feasible treatment options. A 29-acre portion of the lake known as "Little Minnie" was treated with a copper product EarthtecQZ and initial results indicated the treatment was effective. Subsequent monitoring of the rest of the lake over the next few years was necessary to confirm whether zebra mussels were present in other areas of the waterbody. Staff from Carver County, MN DNR and MCWD continued to closely monitor for zebra mussels as part of the DNR's requirement to make annual monitoring reports for 3 years after initial introduction. Unfortunately, zebra mussels were found in various occasions in separate portions of the lake in 2019 and 2020.

Waterbody	Infestation and Year listed		
	Eurasian Watermilfoil	Brittle Naiad	Zebra Mussel
Ann	1995	2017	
Auburn	1995		
Bavaria	1995		
Burandt	2004		2017
Carver Creek from Waconia to the Minnesota River			2018
Courthouse	2016		
Eagle	2001		
Firemen's	1997		
Hydes	2014		
Jonathan (Upper Lake Grace)	2016		
Kelser's Pond	2009		
Lotus	1995	2017	2019
Lucy	2007		
Lundsten	2019		
Miller			2018
Minnewashta	1995		2016
Oak	2020		
Parley	2001		
Pierson	1995		2020
Reitz	2008		
Riley	1995		2018
Schutz	1995		
Steiger	2002		
Stone	1995		
Susan	2005	2019	
Swede	2008		
Unnamed (Grace)	2016		
Virginia	1995		2014
Waconia	1995		2014
Wasserman	2001		
Zumbra	1995		

Table 3: Carver County Infested Waters List

4.1 Nearby Threats

There is a risk of further spread from these lakes within the county and the risk of introductions from infested waterbodies that are located outside of the county. There are over 25 waterbodies in neighboring Hennepin County that are infested with zebra mussels, including the massive and extremely popular Lake Minnetonka. A small portion of Lake Minnetonka crosses over the Carver County border and is very close in proximity to many Carver County lakes. Prior Lake in neighboring Scott County is another popular zebra mussel infested lake that could potentially be a source of AIS introduction. Recent findings of starry stonewort in Stearns, Wright, and Hennepin Counties are also a cause for alert. We know that outdoor enthusiasts and recreational users travel all over the state, so being mindful of which infested lakes they might be traveling to and from can help with prevention efforts.

5.0 Prevention & Management Strategies

Management of AIS is challenging; however, considerable success is being achieved. Prevention efforts, research and information exchange, new detection and eradication techniques, innovative control methodologies, and collaborative models are increasing our capacity to manage AIS. The Carver County AIS Strategic Plan is a series of strategies that presents a coordinated approach to prevent, respond to, and manage AIS. This involves taking advantage of what has been learned and creating next steps that are well planned and coordinated. The Strategic Plan contains a target set of priority objectives, and associated strategies that are intended for next 5 years.

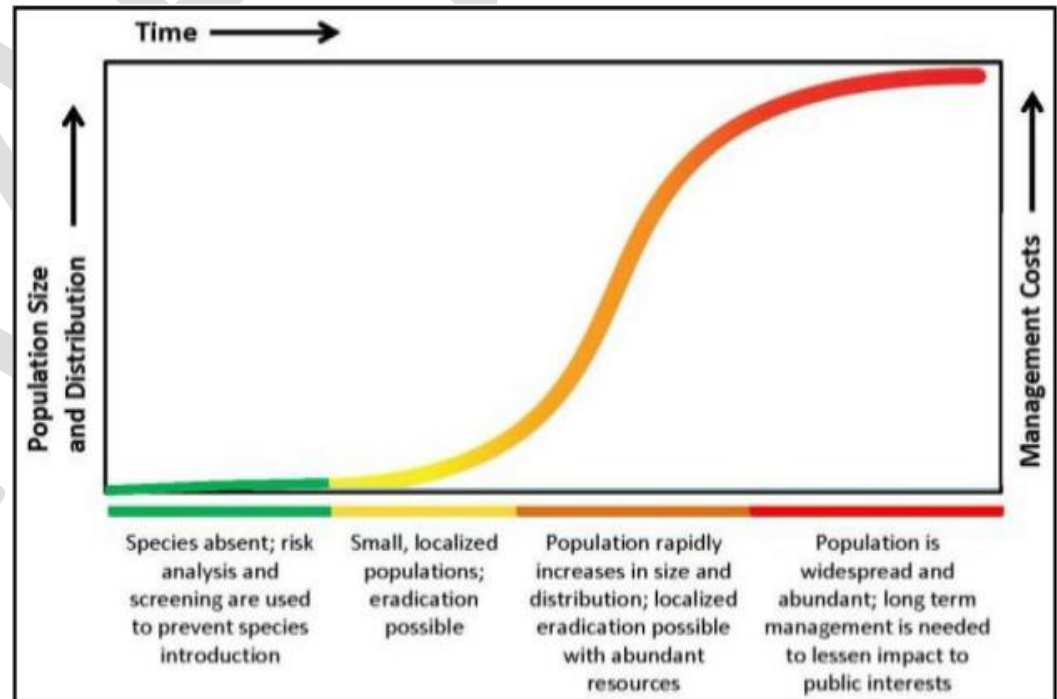


Table 4. Carver County Infested Waters List

5.1 AIS Prevention

Unchecked, AIS have the potential to transform ecosystems, resulting in widespread economic, environmental, and societal harm. The invasion curve below (Figure 3) illustrates that prevention is the most cost-effective means to avert the risk of harmful species introductions. Once introduced, AIS often spread quickly. If a species is not detected and managed early, intensive, long-term control efforts will be unavoidable and costly.

Figure 3: Invasion Curve

Preventing the spread of AIS into and out of Carver County waterbodies is the key priority of the AIS program. Long-term success in prevention will reduce the rate of introductions, the rate of establishment, and avoid many of the long-term economic, environmental, and social costs associated with AIS. The central strategies and associated action steps for AIS prevention are detailed below:

5.1.1 Promote Collaboration

The threat of AIS is a complex and wide-spread issue that requires collaboration over County, State, and Regional borders. The US Forest Service, US Fish & Wildlife, Army Corp of Engineers, National Park Service, Natural Resource Departments, County and Tribal resource managers, local watershed districts, lake associations, sportsmen clubs, non-profits and engaged citizens all play a crucial role. Having diverse cooperative partnerships in place can strengthen a program's effectiveness by increasing the knowledge base, creating consistency, and sharing resources and ideas.

To help strengthen and develop the AIS program, the county partners with other counties, watershed districts, and/or jurisdictions whose water bodies connect to the County's to develop a regional approach to AIS prevention.

Minnesota Department of Natural Resources (MNDNR)

Carver County partners with the MN DNR in several ways. The DNR requires that counties interested in implementing AIS prevention programs that include watercraft inspections enter into a delegation agreement. The MN DNR provides training, testing, and authorizations to inspectors working for the County. They also provide protocols for inspection and decontamination procedures and are available for technical advice as needed. The County is responsible for hiring and supervising watercraft inspectors and making sure they complete the required training and certification. County staff work closely with DNR AIS specialists and planners when creating and implementing the County AIS plan. The two agencies join forces frequently to ensure a consistent inspection program and communicate effectively with DNR enforcement officers.

The DNR also facilitates regional workshops to bring together local government staff to share and learn from collective experiences, support collaborative efforts, and maintain strong inter-county relationships.

City of Chanhassen

A cooperative agreement with the City of Chanhassen helps provide watercraft inspections at three Chanhassen lakes, Lotus, Susan, and Ann.

Minnehaha Creek Watershed District (MCWD)

The MCWD partnered with Carver County 2012 – 2020 by issuing grants that helped provide watercraft inspections at 3 lakes as part of the Carver County Watercraft Inspection program. One of the grants was a cost-share agreement that covered 50% of inspection costs for Lake Minnewashta. Another grant agreement provided funds for roving inspection services at Piersons, Parley, and Wasserman lakes. The District no longer provides these watercraft inspection funds but County and MCWD staff have a close and productive relationship and have worked together in a variety of AIS prevention and management endeavors, including early detection monitoring and rapid response efforts.

Riley Purgatory Bluff Creek Watershed District (RPBCWD)

A cooperative agreement with RPBCWD helps provide watercraft inspections at three lakes in the District, Lotus, Susan, and Ann. District staff also work closely with County staff coordinating early detection monitoring, rapid response efforts, and aquatic vegetation surveys.

Lake Minnewashta Preservation Association (LMPA)

LMPA has been partnering with the County since the birth of the AIS Program and has contributed funds to watercraft inspections and rapid response efforts at lake Minnewashta. Association members work closely with county staff coordinating inspection schedules, monitoring for AIS, and coordinating aquatic vegetation surveys.

Lotus Lake Conservation Alliance (LLCA)

The LLCA contributes funds for watercraft inspections at Lotus Lake. Association members work closely with County staff coordinating inspection schedules, monitoring for AIS, and helping recruit watercraft inspectors.

Area Partnership for Piersons Lake Enhancement (APPLE)

APPLE has contributed funds for watercraft inspections at Piersons Lake and work closely with County staff coordinating inspection schedules, and monitoring for AIS.

Neighboring Jurisdictions

Carver County staff has professional relationships with several resource managers from nearby counties and watershed districts, as well as AIS managers throughout the state. Through these relationships, staff can keep up with the rapidly changing and growing world of AIS prevention and learn what other counties are doing with their prevention aid funds, about new and innovative ideas for AIS grants, and what is happening in cutting edge AIS research.

COUNTY AIS PLAN ACTION (Promote Collaboration)	HOW ACTION SUPPORTS AIS PREVENTION
Develop and maintain contacts with other local organizations, businesses, and government entities.	The participation of local partners is necessary for a county's AIS prevention plan to be effective.
Facilitate the establishment of local organizations to create partners in implementing the county's AIS prevention plan.	Additional partnerships among local organizations (such as Lake Associations) can increase the county's capacity to implement its AIS prevention plan.
Assist with funding local outreach and monitoring efforts by entities other than the county.	Overall AIS prevention efforts can be strengthened by supporting the capacity of local organizations to conduct AIS outreach and monitoring activities.
Seek additional funds to implement unfunded actions in county prevention plan.	The effectiveness of AIS prevention can be limited by inadequate financial resources.
Have Rapid Response Plans in place with partners/stakeholders.	If new infestations are discovered, having a shared rapid response plan in place can increase the probability of successful treatment options.

Table 5: Promote Collaboration Action Steps

5.1.2 Education & Public Outreach

One of the key elements of AIS prevention is increasing public awareness. It is important that the public understands the problems and impacts associated with aquatic invasive species and what they can do to help stop the spread. Effectively reaching people whose actions may have consequences on our natural environment, even in the "digital age," can be an arduous task. It is crucial that AIS managers spread a consistent message and design education programs that communicate effective behavioral change strategies to the proper audiences. Several agencies and conservation groups have created national public awareness campaigns such as the Stop Aquatic Hitchhikers

campaign, Habitattitude and 100th Meridian, and have promoted catch phrases like Clean Drain Dry, and Clean Boats Clean Waters. Carver County wants to help convey these messages and potentially develop its own credo to deliver a clear and consistent message to its local audience.

The goal of the AIS Education and Outreach Program is to develop a diverse set of tools to use for public awareness where the same messages are ingrained in every aspect of the County AIS Plan. Activities associated with this plan include but are not limited to; development of educational curricula for events at schools and youth groups, collaboration with other outreach campaigns such as Stop Aquatic Hitchhikers and Minnesota Sea Grant, installation of AIS signs at public water accesses within the County, and distribution of promotional material and tailored messages to specific audiences regarding steps to take to prevent the spread of AIS.

Additionally, watercraft inspectors are the face of the program and are a great resource for boaters when it comes to AIS education. Law enforcement officers are also trained in AIS education and help remind boaters of laws as well as tips & tricks to stay compliant.

COUNTY AIS PLAN ACTION (Education & Outreach)	HOW ACTION SUPPORTS AIS PREVENTION
Develop and/or use existing AIS curricula for K-12 schools to support youth AIS involvement.	Young people can help prevent the spread of AIS through their own actions and by modeling their knowledge and actions to their families.
Develop and/or use existing informal education materials for County Fairs and other local events.	Providing opportunities for the public to learn about AIS at local events will spread prevention messages.
Work with Stop Aquatic Hitchhikers and other campaigns to strengthen awareness of AIS issues in the county.	Consistent messaging helps educate individuals about their role in AIS prevention.
Explore partnership opportunities with existing outreach efforts such as the MNDNR, Minnesota Sea Grant, and neighboring Counties and Watershed Districts.	Utilizing existing communications materials ensures that the public receives accurate messages about rules and best practices related to AIS prevention.
Install AIS signage at County Public Water Accesses.	Educational signs at boat launches help remind boaters of the AIS laws and steps to take while inspecting watercraft.
Distribute AIS prevention messages via website and social media.	Providing AIS information that is easily accessible online will help the public with AIS prevention efforts.
Distribute AIS prevention messages via print media such as local newspapers and newsletters.	Providing AIS information in local print media gets prevention messages into homes and businesses.
Develop tailored messages aimed at specific audiences (eg., Lakeshore owners, Lake Service Providers, Fishing Community, etc.)	Ensuring that individuals are aware of AIS prevention measures they can take at home or in the course of their work will help reduce the risk of AIS spread.
Develop and/or distribute promotional material (eg., keychains, towels, Stop Aquatic Hitchhikers and Sea Grant materials, and educational AIS specimens.)	Items that display AIS messaging can act as a constant reminder of steps to take to prevent spread.
Improve Watercraft Inspector Education with additional training and continued education.	Providing on-going training and support to Watercraft Inspectors will improve their ability to educate the public.

Conduct Evaluation Surveys to gauge the community’s perception of the AIS program.

Evaluating if the public is receiving AIS messages and if their knowledge and behavior is changing will help improve future education efforts.

Table 6: Education & Outreach Action Steps

5.1.3 Watercraft Inspections & Decontamination

Because overland travel of contaminated watercraft and water related equipment is the largest vector of aquatic invasive species movement from waterbody to waterbody, watercraft inspections and decontamination can be an effective first-line defense against the introduction and spread of AIS. Watercraft inspections also serve to inform the public of the threat of AIS and steps to take to ensure compliance to MN AIS laws. The MN DNR deploys watercraft inspectors at public water accesses throughout the state (including Carver County) based on risk and request, but do not have the ability to have inspectors and/or decontamination stations at every lake. Since 2011, local units of government have been able to enter into a delegation agreement with the MN DNR that allows them to hire their own watercraft inspectors. Inspectors have the authority to prohibit the launch of watercraft to boaters who refuse inspection or refuse to remove attached AIS. They also have the authority to require a watercraft to be decontaminated in scenarios where a decontamination unit is on site. Waterbodies to be inspected are chosen and prioritized based on risk assessments. Metrics such as public use, water connectivity, and suitability for AIS are used to determine how a waterbody is ranked.

COUNTY AIS PLAN ACTION (Watercraft Inspections & Decontamination)	HOW ACTION SUPPORTS AIS PREVENTION
Fund and provide watercraft inspections within the county by hiring authorized watercraft inspectors through a delegation agreement with the MNDNR.	Watercraft inspectors can help spread accurate messages to boaters and help prevent the spread of AIS.
Provide decontamination services for boats and other water related equipment to public.	Decontamination is a key tool in preventing the spread of AIS. It is in the public’s interest to have a convenient and consistent way to decontaminate.
Ensure that the County’s peace officers, including water safety patrol staff, have been trained to follow and enforce AIS laws.	This action will extend the capacity of local enforcement to ensure compliance with AIS laws.
Enlist volunteer educators to distribute educational material at selected public access points and high	Targeting educational efforts to the users of a waterbody may help prevent AIS spread from or into that waterbody.

priority landings during peak usage times (holidays & weekends).	
Clear vegetation debris around public boat launches.	Inspectors can help prevent AIS spread by clearing some of the aquatic vegetation debris around access sites.

5.2 AIS Management & Control

Several AIS introductions have already occurred in Carver County waters, and despite the best efforts at prevention, more will likely occur. Unchecked, AIS can reproduce and spread very quickly, often with significant harmful consequences. Research suggests that early detection and rapid response (EDRR) is the best strategy to manage new AIS introductions. This includes monitoring habitats at greatest risk of invasion, detecting high-risk species soon after introduction, and responding quickly to keep the species from becoming established and spreading. EDRR relies on sufficient resources and capacity to increase the likelihood of finding, containing, and eradicating localized AIS populations before they become widely established. Effective EDRR, however, can avoid the need for larger, longer, and more costly control efforts. The central strategies and associated action steps for AIS management and control are detailed below:

5.2.1 Early Detection Monitoring

A key strategy of effective AIS management is having an aggressive early detection monitoring program. Detecting an invasive species early, before it has become established, increases the feasibility of successful response and eradication efforts. Having staff, volunteers, and lake residents all involved in early detection activities also brings immediate AIS awareness to the community and may strengthen prevention and outreach efforts.

Table 7: Watercraft Inspection & Decontamination Action Steps

The County's Early Detection Monitoring Program takes a target-species approach and involves survey and sample collection for invasive plants and animals, as well as water sample collection for zebra mussel veligers and e-DNA. Species are prioritized according to the MN DNR's [Prohibited and Regulated Invasive Species list](#). Habitats to be monitored are also prioritized based on risk factors such as AIS suitability and infestation risk.

Seasonal interns are trained to conduct AIS early detection surveys on as many lakes and waterbodies in the county that can be safely accessed, taking special considerations to higher prioritized habitats. Survey methods are based on the MN DNR's Guidance for Conducting Aquatic Invasive Species Early Detection and Baseline Monitoring in Lakes document.

County staff and volunteer lake shore owners place and check zebra mussel settlement plates in many lakes, both infested and non-infested. The settlement plates are used for early detection in non-infested lakes and help track zebra mussel distribution and abundance in infested lakes. Staff also conduct aquatic vegetation surveys that help understand the dynamics of plant populations and identify new infestations in County lakes.

COUNTY AIS PLAN ACTION (Monitoring & Early Detection)	HOW ACTION SUPPORTS AIS MANAGEMENT
Placement of zebra mussel substrate sampling plates in multiple waterbodies throughout the County.	Substrate samplers can be used to determine if zebra mussels are present in a waterbody and be used to monitor abundance and population growth in lakes with known zebra mussel populations.
Conduct Aquatic Vegetation Surveys on multiple lakes throughout the County.	Aquatic vegetation surveys will help Water Management staff understand the dynamics of aquatic plant populations in County waterbodies and identify new invasive plant infestations.
Conduct shoreline assessments and snorkel surveys at public water accesses and other high-risk areas.	County staff can contribute to preventing the spread of AIS by searching for signs of new infestations.
Attempt to recruit lake volunteers such as lake residents, students, and conservation groups to conduct shoreline surveys.	Volunteers can expand monitoring efforts and help spread AIS prevention messages.
Conduct zebra mussel veliger tows and e-DNA sampling.	Using multiple early detection methods increases the chances of finding evidence of newly introduced and/or reproducing zebra mussel populations.

Table 8: Monitoring & Early Detection Action Steps

5.2.2 Rapid Response

Although prevention and monitoring efforts are vital to an AIS plan, they are not foolproof. Managers must be prepared to act in the event of an AIS introduction. If a new aquatic invasive species population is detected when it is still small and manageable, it is crucial to have a Rapid Response Plan prepared to ensure that the incident is addressed quickly and effectively. Eradication is usually the goal of a rapid response, but is not always feasible, especially in aquatic ecosystems. The US Fish and Wildlife Service recommend the following steps for a basic rapid response:

- Rapid confirmation of the identity of the suspicious organism.

- Assess the extent of the infestation.
- Quarantine the infested area, if possible.
- Quick review of available control options to choose one best suited for the treatment conditions.
- Application of the chosen control option(s).
- Modification of the control strategy as indicated by the results (“adaptive management”).

The county will use the above guidelines to prepare a rapid assessment and response plan that identifies appropriate actions to contain and/or remove newly detected or expanding invasive species within its boundaries. Because an AIS infestation will likely involve a multi-jurisdictional response, the response plan will have to identify the County’s role and responsibilities among other jurisdictions that may act. Response plans will likely vary from case to case depending on severity of infestation, resources available, and entities involved.

COUNTY AIS PLAN ACTION (Rapid Response)	HOW ACTION SUPPORTS AIS MANAGEMENT
Create a General Rapid Response Plan.	This plan will ensure that new infestations are properly reported, and rapid response is deployed, if required.
Use AIS Rapid Response Plan and thoroughly assess the breadth and severity of new AIS introductions to determine rapid response actions.	Identifying and delineating new introductions will assist in determining response methods, cost, and likelihood of successful rapid response actions.
Have relationships and/or contracts in place with Lake Management consultants and AIS treatment applicators.	Having contracts in place before experiencing a new introduction will help speed up the rapid response process.
Augment communication and reporting mechanisms for citizen monitoring of lakes and rivers.	Ensuring that local discoveries of AIS are quickly communicated to the right people will maximize prevention and management efforts related to new infestations.

Table 9: Rapid Response Action Steps

6.0 AIS Management Projects

We know that prevention is the most efficient and least costly method of combating invasive species and as AIS become more established over time, the effort and associated costs of addressing them escalate exponentially. In some cases where AIS have been introduced and established in waterbodies located within Carver County, intensive, long term

control efforts can be effective in managing or eradicating the introduced species. Several AIS management projects are currently under way in Carver County to address invasive carp and goldfish. The county also partners with various other counties and districts to manage common reed (*Phragmites australis*), an invasive plant found on roadsides and wetlands. Long term management projects such as these are expensive and usually require multiple funding sources such as grants and cooperative partnerships. With limited resources, not every established AIS population in the county can be controlled, however, with continued monitoring and new research, staff continues to search for opportunities to fund and implement management projects. Two current invasive fish management projects are detailed below:

6.1 Goldfish in the Grace chain of lakes

While doing routine monitoring in April 2019, Carver County Water Management staff discovered thousands of goldfish in an inlet to Big Woods Lake in Chaska. It was the most densely populated discovery of goldfish staff had seen. The most likely reason for the goldfish presence is one or more individuals illegally dumping pet goldfish over the years. Big Woods Lake is part of the Grace Chain of Lakes, which also includes Lake Grace, Lake Jonathan, McKnight Lake, and Lake Hazeltine.

Like many aquarium pets, goldfish are not native to Minnesota. When found in lakes and ponds, goldfish pose a threat to water quality and overall ecological health. Goldfish are hardy and very invasive like their close relative, the common carp. They stir up sediments and uproot plants while feeding. This action releases phosphorus into the water, which increases algae and decreases water clarity. The uprooting of native plants removes habitat for the native fish that rely on them, and goldfish compete with native fish for food and shelter. Once established, no easy solution exists to remove an invasive species like goldfish.

6.1.1 Workplan

There have not been any comprehensive studies about goldfish in a lake in the upper Midwest. There is little scientific literature on the impacts of goldfish to a lake, how they affect water quality, or how they respond to removal events.

In spring of 2020, Carver County Water Management Organization received a grant from the Board of Water & Soil Resources for a three-year work plan to study and remove goldfish from Big Woods Lake and Lake Hazeltine where the largest populations of goldfish are found. The study will look at how, where, and when the goldfish move in the chain of lakes. The study will also look at what removal techniques work best and when.

6.1.2 Goals

- Get estimates for number of adult and juvenile goldfish present in the lakes.
- Study spawning and migration habits.
- Identify nursery areas.
- Study how the goldfish population responds to removal efforts.
- Determine potential for long term management of this species.

The knowledge gained from this study can help staff and other agencies understand where goldfish likely spawn, how goldfish migrate through a lake system, how populations respond to fish removals, and the potential effort required to remove goldfish for a whole system.

Timeline for Goldfish Grant Project	2020				2021				2022			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Permitting to sample goldfish and carp	■				■			■	■			
Spring goldfish removal		■				■			■			
Measuring, marking, and PIT tagging goldfish. Collection of samples for ageing.		■				■				■		■
Permitting amendments		■										
PIT antenna installation and troubleshooting		■	■			■	■		■	■		
Electrofishing for CPUE and CMR estimate of goldfish and carp and PIT tagging			■				■				■	
PIT system annual rental from WSB			■	■				■				■
YOY trap net surveys on Big Woods and Hazeltine			■				■				■	
Arranging commercial anglers and assisting with nettings and fish workup			■	■			■	■			■	■
Ageing structure for goldfish and carp (sample of 50)				■								■
Reporting				■		■	■	■				■

Table 10: Goldfish project timeline

6.2 Carp in Benton lake

Common carp are invasive fish that contribute to algae blooms and poor water quality in lakes. While rooting around the lake bottom for food they muddy the water, uproot plants, and re-suspend nutrients like phosphorus back into the water. A 2017 study of Benton Lake in the City of Cologne revealed carp to be a large cause of the poor water quality in the lake.

6.2.1 Workplan

To manage and reduce carp populations in the lake, Carver County Water Management Organization has completed several projects. Fish barriers have been installed to prevent movement of carp, and aerators have been installed to create refugia for blue-gill sunfish, who are known to eat carp eggs. In 2019, the CCWMO received a grant from the Legislative-Citizen Committee on Minnesota Resources (LCCMR) for a 2-year project to study and remove carp from the lake. Although research shows that lakes can be restored by managing common carp, widespread implementation of carp management has been severely hindered by lack of effective removal methods. Traditional methods such as lake drawdowns, poisoning, and commercial seining are often ineffective, harmful to native species, cost-prohibitive, and/or rely on a few specialized contractors that are difficult to secure. This project will demonstrate a new method of managing common carp that can be implemented by citizen groups and LGUs to improve water quality by reducing in-lake nutrient loading.

6.2.2 Goals

- Study carp population estimates and migration habits.
- Enlist local citizens to field test a simple, innovative method of removing carp via specialized baited box-nets.
- Use an electric barrier/guidance system to guide carp aggregations to a removal site during spawning runs.
- Decrease common carp population to a known management threshold of 100kg/ha.
- Monitor lake response to carp removal activities.

Timeline for Benton Lake Project	2017		2018				2019				2020				2021				2022				
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Temp. fish barrier installed						■																	
Use of EGS																							
installed aerators																							
box net removals																							
electrofishing surveys																							
LCCMR grant																							
fish stocking																							
water quality testing																							
radio telemetry																							
PIT antenna installation at fish barrier																							
trap net surveys																							

Table 11: Benton Lake Carp Management Timeline

7.0 Future Direction

7.1 Priorities

It is generally recognized that the most effective strategy against invasive species is to prevent their introduction and establishment. Preventative measures typically offer the most cost-effective means to minimize or eliminate

environmental, societal, and economic impacts. Preventing the spread of AIS into and out of Carver County waterbodies is the key priority of the AIS program. Long-term success in prevention will reduce the rate of introductions, the rate of establishment, and avoid many of the long-term costs associated with AIS.

In addition to the AIS prevention measures detailed above, management of existing native aquatic species and natural areas surrounding our water resources (e.g. maximizing diversity and reducing disturbance) is another way to decrease susceptibility to invasion by non-native species and may also constitute an element of prevention. Many components of the CCWMO's Watershed Management Plan focus on maintaining resilient systems that can act to slow the establishment, spread, and dominance of invasive species.

With aquatic invasive species management still being a relatively new field with everchanging research and new technology, prioritizing strategies can be challenging. Based on current research, Carver County staff, considering input from the CCWMO advisory committee and other stakeholder groups, have identified watercraft inspections to be a very high priority of the AIS program. Watercraft inspectors (other than boaters themselves) are a first line defense from AIS. Inspectors not only inspect watercrafts that are entering and leaving waterbodies for attached AIS, but also educate boaters about AIS laws, best practices, and provide tips how to self-inspect boats and other water related equipment. A significant portion of AIS Program funds are allocated to watercraft inspections, however, several challenges have arisen over recent years, such as decreasing partnership funds and difficulty recruiting an adequate amount of seasonal staff to carry out a full season's inspection schedule. Because of challenges like these, staff must be able to continually adapt the AIS Program priorities to changes in funding, research, and trends in AIS management. Table 11 outlines the current AIS Priorities. These priorities will be reviewed annually and are subject to change if funding and logistical challenges such as staffing continues. If the current watercraft inspection and decontamination program is not sustainable under the current model, a likely scenario would be to decrease the number of inspection hours and allocate any additional resources to EDRR, Education, or AIS Management.

Priority 1	Watercraft Inspections & Decontamination
Priority 2	Early Detection Monitoring & Rapid Response (EDRR)
Priority 3	Education & Outreach
Priority 4	Promote Collaboration
Priority 5	AIS Management Projects

To prioritize watercraft inspection and AIS monitoring activities included in this plan, risk assessments are used to determine priority waterbodies. Risk assessment scores are based on AIS suitability and risk of infestation. Water quality data, connectivity, and public use are all considered.

DRAFT

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Joint Powers Agreement and Turnback Agreement for the Highway 117 (Galpin Blvd) Project with the City of Chanhassen

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

Carver County and the City of Chanhassen have been planning for infrastructure improvements to meet modern design standards on Highway 117 (Galpin Boulevard) between State Highway 5 and the Hennepin County border and completed preliminary design of the corridor in 2018. The City of Chanhassen and Carver County desire to move forward with the Highway 117 Project to undertake design, land acquisition and construction of the proposed improvements identified during the preliminary design work. The goal is to construct the project in 2023.

The City of Chanhassen will be the lead agency and will manage all aspects of the project through completion, with input and coordination with Carver County Public Works staff. This project is eligible to utilize Transportation Sales Tax funds for the County's cost share of the project. The project cost splits for the corridor are based on programmed cost sharing per the Carver County Construction Cost Share Policy. To simplify the application of the cost sharing between the agencies, a set percentage cost share of each agency has been established based on the preliminary cost estimate and will be used for the remainder of the project.

A separate turnback agreement will also be executed at the same time as this joint powers agreement, which includes the transfer of ownership of Highway 117 to the City of Chanhassen at the completion of the project.

The City of Chanhassen Council approved both agreements at their February 14th, 2022 meeting.

ACTION REQUESTED:

Motion to approve a joint powers agreement and adopt a resolution for a turnback agreement with the City of Chanhassen for the Highway 117 Project, pending finalization of the contract review process.

FISCAL IMPACT:

FUNDING

If "Other", specify:

County Dollars =	<input type="text"/>
Sales Tax	\$7,506,650.00
Chanhassen	\$2,560,350.00
Total	\$10,067,000.00

FTE IMPACT:

Insert additional funding source

Related Financial/FTE Comments:

**BOARD OF COUNTY COMMISSIONERS
CARVER COUNTY, MINNESOTA**

Date: March 15, 2022
Motion by Commissioner: _____

Resolution No: _____
Seconded by Commissioner: _____

Revocation and Turnback of County Road No. 117

WHEREAS, County Road No. 117 is a duly established county highway, and

WHEREAS, County Road No. 117, lying immediately north of Trunk Highway 5 in the City of Chanhassen is no longer needed for county highway purposes, and

WHEREAS, it is appropriate for the County to revoke and turnback this highway and to devote its limited resources to other areas, and

WHEREAS, the City of Chanhassen has concurred with this revocation and turnback, and

WHEREAS, the County has authority under Minnesota Statute § 162.02 and § 163.11 for turnback and revocation of county highway corridors.

NOW THEREFORE, BE IT RESOLVED, by the County Board of County of Carver, that County Road No. 117, beginning in Section 15, Township 116 North, Range 23 West at the intersection of Trunk Highway 5 (Arboretum Boulevard) and Galpin Boulevard at a point approximately 700 feet easterly of the northwest corner of said Section 15; thence continuing northerly along Galpin Boulevard through Sections 10 and 3, Township 116 North, Range 23 West, to the Hennepin County border at point approximately 200 feet east of the northwest corner of the Northeast Quarter of said Section 3, and there terminating, is hereby revoked and turned back to said city for use as a city street, and

BE IT FURTHER RESOLVED that Carver County enter into Carver County Agreement No. 21-452 with the City of Chanhassen and that the County Board Chair and County Administrator are authorized to execute the Agreement and any amendments to the Agreement, and

BE IT FURTHER RESOLVED that a copy of this Resolution shall be recorded with the Carver County Recorder by the Carver County Administrator.

YES	ABSENT	NO
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

STATE OF MINNESOTA
COUNTY OF CARVER

I, David Hemze, duly appointed and qualified Interim County Administrator of the County of Carver, State of Minnesota, do hereby certify that I have compared the foregoing copy of this resolution with the original minutes of the proceedings of the Board of County Commissioners, Carver County, Minnesota, at its session held on the 15 day of March, 2022 now on file in the Administration office, and have found the same to be a true and correct copy thereof.

Dated this 15th day of March, 2022.

County Administrator

**BOARD OF COUNTY COMMISSIONERS
CARVER COUNTY, MINNESOTA**

Date: March 1, 2022 Resolution No: _____
 Motion by Commissioner: _____ Seconded by Commissioner: _____

**Awarding of the Highway 24 Project, Highway 10 Project- North Watertown, and Highway 10 and
127 Resurfacing Projects
Carver County Contract 22-070 Project #'s 158793/158794/208883/218897**

WHEREAS, The County Engineer has secured and designated funding for this contract in the current fiscal year Road and Bridge budget; and

WHEREAS, On Friday February 18th at 10:00 a.m. at Carver County Public Works, 11360 Highway 212, Cologne, Minnesota, four (4) bids were received by Carver County Public Works and opened by two (2) representatives of Carver County Public Works for the Highway 10 & 24 Improvements and Highway 10 & 127 Resurfacing projects, said bids for the responsible bidders are summarized as follows:

Bidder Name	Total Amount	% Over/Under Estimate
Engineer's Estimate	\$8,225,269.15	-
Valley Paving Inc	\$7,732,247.45	6.3% Under
S.M. Hentges & Son, Inc.	\$8,197,627.66	0.7% Under
Park Construction Company	\$9,119,493.00	10.4% Over
New Look Contracting, Inc.	\$9,369,376.15	13.5% Over

And WHEREAS, after examination of the bids by Carver County Public Works, Valley Paving, Inc. is the successful low responsible bidder.

NOW THEREFORE, BE IT RESOLVED that the Carver County Board of Commissioners hereby authorizes and directs the Carver County Board Chairman and Carver County Administrator to enter into Carver County Contract 22-070 with Valley Paving, Inc of Shakopee, MN, in the name of the County of Carver for the construction of the Highway 10 & 24 Improvements and Highway 10 & 127 Resurfacing projects in accordance with the construction plans and specifications contained in the project manual; and

BE IT FURTHER RESOLVED that Carver County Public Works is hereby authorized and directed to return the proposal guaranty to the bidders, except that of the successful low responsible bidder and second and third lowest bidder, which shall be retained until the construction contract has been signed and the performance and payment bonds of the low responsible bidder have been executed; and

BE IT FURTHER RESOLVED that Carver County Engineer, or his designee, is hereby authorized to take actions necessary and to enter into work orders, change orders or supplemental agreements on behalf of Carver County with an amount less than one hundred seventy five thousand dollars (\$175,000) and an increased aggregate project total of all project changes of five hundred seventy five thousand dollars

(\$575,000), when time is of the essence to make contract changes due to unforeseen construction conditions in order to minimize construction delays and to efficiently carry out the planned project improvements.

YES	ABSENT	NO
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

STATE OF MINNESOTA
COUNTY OF CARVER

I, Dave Hemze, duly appointed and qualified County Administrator of the County of Carver, State of Minnesota, do hereby certify that I have compared the foregoing copy of this resolution with the original minutes of the proceedings of the Board of County Commissioners, Carver County, Minnesota, at its session held on the 1st day of March, 2022, now on file in the Administration office, and have found the same to be a true and correct copy thereof.

Dated this 1st day of March 2022.

Dave Hemze

County Administrator

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Grant Agreement with MN Department of Transportation for the Highway 24 Project

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

The Highway 24 Project near Watertown has been identified on the County's Capital Improvement Plan for pavement rehabilitation and shoulder widening for several years. County staff applied for funding through the Local Road Improvement Program (LRIP) during the project development process and the project was awarded funding. This program is administered by MnDOT to provide funding to local agencies for reconstruction of roadways that meet the established criteria of regional significance. The grant covers all roadway improvements up to a specific capped amount, with the County being responsible for costs over the cap. The Highway 24 Project is a large enough project that the full grant amount will be encumbered.

The grant agreement includes \$1,250,000.00 through the LRIP for improvements to Highway 24 from Highway 10 to the Carver County east county boundary and is identified as S.A.P. 010-624-001.

ACTION REQUESTED:

Motion to adopt a resolution to enter Agreement No. 1049522 with MN DEPT OF TRANSPORTATION for the Highway 24 Project, pending finalization of the contract review process.

FISCAL IMPACT:

FUNDING

If "Other", specify:

County Dollars =

LRIP

FTE IMPACT:

Total

Insert additional funding source

Related Financial/FTE Comments:

Office use only:

RBA 2022 - 8211

**BOARD OF COUNTY COMMISSIONERS
CARVER COUNTY, MINNESOTA**

Date: 3/01/2022

Resolution No: _____

Motion by Commissioner: _____

Seconded by Commissioner: _____

WHEREAS, Carver County has applied to the Commissioner of Transportation for a grant from the Minnesota State Transportation Fund for Local Road Improvement for reconstruction of County State Aid Highway 24 from CSAH 10 to the east County border (SAP 010-624-001) and;

WHEREAS, the Commissioner of Transportation has given notice that funding for this project is available; and

WHEREAS, the amount of the grant has been determined to be \$1,250,000.00 by reason of the lowest responsible bid;

NOW THEREFORE, be it resolved that Carver County does hereby agree to the terms and conditions of the grant consistent with Minnesota Statutes, section 174.52, and will pay any additional amount by which the cost exceeds the estimate, and will return to the Minnesota State Transportation Fund any amount appropriated for the project but not required. The proper county officers are authorized to execute a grant agreement and any amendments thereto with the Commissioner of Transportation concerning the above-referenced grant.

YES

ABSENT

NO

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

STATE OF MINNESOTA
COUNTY OF CARVER

I, Dave Hemze, duly appointed and qualified County Administrator of the County of Carver, State of Minnesota, do hereby certify that I have compared the foregoing copy of this resolution with the original minutes of the proceedings of the Board of County Commissioners, Carver County, Minnesota, at its session held on the 1st day of March, 2022, now on file in the Administration office, and have found the same to be a true and correct copy thereof.

Dated this 1st day of March, 2022.

Dave Hemze

County Administrator

Carver County Board of Commissioners Request for Board Action



Agenda Item:

Closed Session for land acquisition for the Highway 212 Project-Dahlgren Township

Primary Originating Division/Dept:

Meeting Date:

Contact: Title:

Item Type:

Amount of Time Requested: minutes

Attachments: Yes No

Presenter: Lyndon Robjent, Darin Mielke Title:

Strategic Initiative:

BACKGROUND/JUSTIFICATION:

A number of parcels related to the Highway 212 Project-Dahlgren Township are currently in the eminent domain process. Public Works staff have received a counteroffer settlement proposal from the property owners of a parcel located at PID # 04.0160600.

Public Works staff would like to discuss the settlement proposal and get direction from the county board on next steps.

ACTION REQUESTED:

Motion to enter into closed session pursuant to Minn. Stat. Section 13D.05, subd. 3(c) to discuss confidential settlement negotiations related to PID # 04.0160600.

FISCAL IMPACT:

If "Other", specify:

FUNDING

County Dollars =

FTE IMPACT:

Total

Insert additional funding source

Related Financial/FTE Comments:

Office use only:

RBA 2022 - 8205