

(\$ in thousands)

Project Title	Rank Fund		Project Requests for State Funds			Gov's Rec	Gov's Planning Estimates	
			2020	2022	2024	2020	2022	2024
Treetop Trail – Monorail Track Repurposing	1	GO	11,000	0	0	11,000	0	0
Revitalize the Zoo	2	GO	15,500	0	0	5,000	0	0
Asset Preservation	3	GO	12,500	0	0	10,000	10,000	10,000
<b>Total Project Requests</b>			39,000	0	0	26,000	10,000	10,000
<b>General Obligation Bonds (GO) Total</b>			39,000	0	0	26,000	10,000	10,000

[mnzoo.org](http://mnzoo.org)

### AT A GLANCE

- A world-class conservation venue that is home to more than 4,900 animals—many endangered
- 485 acre campus with 121 buildings and related facilities
- 1.3 million visitors annually
- The state’s largest environmental educator, with more than 400,000 participants each year
- \$222.7 million annual economic impact, supporting more than 2,200 jobs
- More than 90,000 free admissions to Minnesotans who qualify for assistance programs such as the Supplemental Nutrition Assistance Program and MinnesotaCare through Free to Explore

### PURPOSE

The mission of the Minnesota Zoological Garden (Minnesota Zoo or Zoo) is to connect people, animals and the natural world to save wildlife.

The Minnesota Zoo is a primary recreation destination for the state, as well as the state’s largest environmental education center and a worldwide leader in conservation. While physically located in Apple Valley, the Minnesota Zoo serves and belongs to all Minnesotans.

When the Minnesota Zoo opened more than 40 years ago, it introduced people to a new kind of zoo: a zoo where animals lived in open, naturalistic settings rather than inside cages with steel bars. Today, that forward thinking has set a new standard for zoos throughout the world. The Zoo’s exhibits include Russia’s Grizzly Coast, Discovery Bay, Medtronic Minnesota Trail, 3M Penguins of the African Coast, Tropics Trail, Northern Trail and the Wells Fargo Family Farm. Exploring these exhibits encourages guests to engage in conservation issues, learn about ecosystems worldwide, and celebrate Minnesota’s natural history. In addition, the Zoo features amenities like Hanifl Family Wild Woods and Woodland Adventure, which promote nature-based play and an appreciation for the natural world. The Zoo’s vision is to increase efforts to connect guests with nature and inspire actions to conserve wildlife habitats.

The Zoo is engaged in conservation efforts not only onsite, but also throughout Minnesota and the world. Through partnerships with other state and federal agencies, it conducts work to save imperiled prairie butterflies, restore endangered native freshwater mussel species, and breed/reintroduce bison (tested free of cattle genes) to state parks throughout Minnesota. Zoo guests experience these programs directly through exhibits and interpretation, while Zoo staff execute programs in the field and behind-the-scenes. With private funding, the Zoo is involved in conserving critically-endangered black rhinos, Asian wild horses, Amur tigers and other species abroad.

More than 400,000 people participate in the Zoo’s environmental education programs each year. The Zoomobile outreach program brought the Zoo to more than 51,000 Minnesotans in 42 counties in FY18, and more than 91,000 participants from 55 counties participated in Zoo field trips. The Zoo Safari and Zoo Explorers programs allowed nearly 15,000 of those participants to come for free, including transportation and lunch. Zoo naturalists and keepers provide guests with conservation-focused education programs about animals at the Zoo.

Recognizing that ticket cost can be a barrier to accessing the Zoo’s campus and programming, the Zoo ensures that admission is free for Minnesotans who qualify for assistance programs, such as the Supplemental Nutrition Assistance Program, the Special Supplemental Nutrition Program for Women, Infants, and Children, and MinnesotaCare. The Free to Explore program served more than 90,000 Minnesotans in FY19.

Further, the Zoo offers programs targeted to serve communities with special needs through autism camps, American Sign Language (ASL) days at the Zoo, and Dream Night for children with chronic healthcare needs. In 2018, the Zoo launched MNZoo4All, an app to help people with autism and sensory-processing disorders navigate the Zoo in ways that best meet their needs. The Zoo bridges additional access barriers by providing maps of the campus in ten foreign languages, ASL interpreters, sighted guides, and tactile tours.

Through these programs and its operations, the Zoo contributes to the following statewide outcomes: **a thriving economy that encourages business growth and employment opportunities; Minnesotans have the education and skills needed to achieve their goals; strong and stable families and communities; a clean, healthy environment with sustainable uses of natural resources; and efficient and accountable government services.**

## STRATEGIES

In 2016, the Zoo revised its strategic plan to solidify its critical role in helping Minnesotans connect with nature and increase the value they attach to the natural world. With a new strategic plan, the Zoo began a master planning process in July and will conclude it in 2019. Four overarching goals drive this process to revitalize, naturalize and mobilize the Zoo:

1. Deliver extraordinary on- and off-site Zoo experiences
2. Position the Zoo as a trusted conservation organization that saves wildlife
3. Develop a comprehensive approach for activating the Zoo's unique resources for all people to play and explore in the natural world
4. Develop and implement a sustainable business model befitting a zoo in the 21st century

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See Minnesota Statutes Chapter 85A (<https://www.revisor.mn.gov/statutes/?id=85A>) for an overview of the Minnesota Zoo's purpose, organization and authority.

### AT A GLANCE

Four goals guide the Minnesota Zoo's strategic plan:

- Deliver extraordinary on-site and off-site experiences.
- Position the Minnesota Zoo as a trusted conservation organization that saves wildlife.
- Develop a comprehensive approach for activating the Zoo's unique resources for all people to play and explore in the natural world.
- Develop and implement a sustainable business model for a 21st-century zoo.

The Zoo's capital priorities are determined against these strategic goals. The priority projects are designed to:

- meet the needs maintenance needs of a 40-year old facility;
- enhance the guest experience to keep the Zoo on a financially sustainable path; and
- ensure quality animal care and welfare standards for the next 40-years.

The Zoo's capital plan leverages private funding sources whenever possible, in line with the Zoo's business model of being a public/private partnership.

### Factors Impacting Facilities or Capital Programs

Major factors impacting the Minnesota Zoo's facility and capital projects are:

- **An aging facility.** Minnesota's "New Zoo" is over 40 years old. The Zoo has increasing repair needs to maintain the existing site. Such repairs and investments are essential to the safety, security, and well-being of the Zoo's 1.3 million annual guests and 4,900+ animals. Maintaining the Zoo's site is also essential to the Zoo's business in meeting guests' expectations.
- **Guest expectations.** Over half of the Zoo's operating revenue comes from earned income sources such as admissions, membership, and education programs. In order to maintain and grow these revenues, the Zoo must meet increasing guest expectations for exhibit quality, new technology, guest amenities, and animal care. Our guests expect to have extraordinary, new experiences when they visit the Zoo. The Zoo's priority capital projects are chosen with these guest expectations in mind.
- **Animal care and welfare standards.** Standards for animal care and welfare have evolved and increased in the 40 years since the Zoo was built. As a result, some of the Zoo's facilities do not meet current animal care standards. Priority capital projects such as the remodeling of our current animal hospital are designed to bring the Zoo facility up to current standards.

### Self-Assessment of Agency Facilities and Assets

The Minnesota Zoo has completed a full Facilities Conditions Assessment (FCA) of the Zoo site, which has identified over \$33 million in asset preservation needs throughout the site. Of that total amount, around 8 percent are found in buildings or structures that are considered to be in crisis or poor conditions. This assessment is used in setting priorities for large capital and maintenance projects.

### Agency Process for Determining Capital Requests

Zoo management prioritizes capital requests based on the strategic and master plans. A new Master Plan for the Minnesota Zoo is nearly complete, which will help guide the Zoo's capital projects for the next ten years.

The Minnesota Zoo Board has fiduciary responsibility for the Zoo and approves the capital project priorities through its oversight and approval of the Zoo's strategic and master plans.

### **Major Capital Projects Authorized in 2018 and 2019**

The Zoo used asset preservation funds appropriated during the 2018 legislative session for projects such as:

- Completion of the Zoo's fish holding floor and facility, which was critically close to failing/collapsing prior to construction.
- Improvements to the Tiger Lair exhibit including replacement of a retaining wall and rockwork.
- Replacement of aviary mesh enclosure necessary to protect the Zoo's aviary collection in the Tropics Trail.
- Lower plaza improvements to address cracked concrete and uneven pathways.
- An animal hospital HVAC and heat exchanger replacement.

**Treetop Trail – Monorail Track Repurposing****AT A GLANCE****2020 Request Amount:** \$11,000**Priority Ranking:** 1**Project Summary:** Repurpose the defunct monorail track into a 1.25-mile elevated walking loop through oak forest, wetlands, and animal habitats. Through a public/private partnership, the Minnesota Zoo Foundation is raising private contributions toward the total cost of more than \$22 million.**Project Description**

The Minnesota Treetop Trail repurposes the existing monorail track into an accessible pathway to nature, providing Zoo guests of all ages with new perspectives of the animals and serving as a gateway to undeveloped natural areas on the Zoo campus. The elevated walking loop will start at the Zoo's central plaza, arc over animal exhibits, and circle currently inaccessible natural areas in the northern section of campus. With its minimum 12' wide walkway, artistic touchdown structures, and strategically placed trail bump outs, the Trail will offer:

- A place to observe and immerse oneself in the natural world
- A place to be active and engage with the outdoors
- A place to inspire and cultivate creativity
- A place to play and connect with family and friends

Transforming the monorail track into the Minnesota Treetop Trail involves:

- Placing a new walking surface, guardrails, and stabilizing materials on the existing monorail track;
- Renovating the existing monorail loading area into the main entrance to the Trail;
- Building viewing bump outs and ADA-accessible touchdown points at key areas around the loop; and
- Installing guest amenities such as shade, seating, wayfinding signage, water fountains, and security equipment.

Through a public-private partnership, the Minnesota Zoo Foundation is raising private contributions toward the total cost of more than \$22 million.

**Project Rationale**

For over three decades a monorail train circled the Zoo's beautiful 485-acre grounds, offering unique perspective on animal exhibits and views into the pristine nature of the northern section of campus. The Zoo decommissioned the monorail in 2013, due to declining ridership and obsolete trains that would cost more than \$40 million to replace. Rather than spend millions to remove the monorail track, this project will creatively repurpose the structure to transform the Zoo guest experience and provide a

gateway to nature.

This one-of-a-kind journey through the trees will allow Zoo guests to connect with nature on a grand scale. Engaging people with nature is vital to the Zoo's vision of a future in which wildlife thrives in Minnesota and beyond. The Zoo's 2018 *Pathway to Nature* report makes the case that playing in nature leads to protecting nature. It concludes that the Minnesota Zoo is uniquely positioned to serve as a gateway to nature for people who are hesitant or unaccustomed to immersion in nature. The Treetop Trail will become the bridge between the more familiar, structured zoo experience and greater immersion in nature—leading to more engagement with and ultimately conservation of natural resources.

From getting in your steps to taking in the view, Treetop Trail will offer unique outdoor experiences and programming focused on Connecting to Nature, Health & Wellness, Art & Creative Expression, and Recreation & Leisure. Built for year-round use and nighttime activation, early completion is vital to a sustainable business model for the Zoo, bringing new audiences to the Zoo and opening up new programming and revenue streams related to nature.

### **Project Timeline**

Once full funding is available, we anticipate design and construction will take approximately 2 years, with a goal of opening in summer of 2022.

### **Other Considerations**

None.

### **Impact on Agency Operating Budgets**

As a world-class Zoo and the state's largest environmental educator, the Minnesota Zoo's mission and financial model are driven by creating new ways for people to connect with animals and the natural world. Periodically opening new exhibits and experiences is critical to sustaining attendance and generating earned income that comprises two-thirds of the Zoo's operating budget. The Zoo anticipates that additional costs for maintenance and programming for the Treetop Trail will be supported through earned income from attendance and new fee-based programming.

### **Description of Previous Appropriations**

None.

### **Project Contact Person**

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### **Governor's Recommendation**

The Governor recommends \$11 million in general obligation bonds for this request.

(\$ in thousands)

## Treetop Trail – Monorail Track Repurposing

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 11,000	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Non-Governmental Funds	\$ 0	\$ 7,000	\$ 0	\$ 0
<b>Pending Contributions</b>				
Non-Governmental Funds	\$ 0	\$ 4,000	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 22,000</b>	<b>\$ 0</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 2,000	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 18,129	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 226	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 1,645	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 22,000</b>	<b>\$ 0</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 306	\$ 0
Operating Budget Impact (FTE)	0.0	3.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 11,000	100 %
User Financing	\$ 0	0 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	Yes
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?</b>	Yes
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 473.4485: Guideway Project</b>	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

## Revitalize the Zoo

**AT A GLANCE****2020 Request Amount:** \$15,500**Priority Ranking:** 2**Project Summary:** Revitalize the 40-year old, 485-acre Minnesota Zoo campus by repurposing the newly-vacated movie theater into a jumping off point for nature adventure, reopening a long-closed portion of the Tropics Trail, and renovating the 1970s-era animal hospital to improve animal welfare.**Project Description**

This request is part of the Minnesota Zoo's new 10-year plan to revitalize, naturalize, and mobilize the 40-year old campus through renovation of existing exhibits and facilities. Top priority projects within the plan are:

Repurpose movie theater building to nature adventure

Ensuring the Zoo's new nature identity is clearly recognizable to all guests, the Zoo is repurposing its recently vacated movie theater into a destination for nature-based adventure for all ages. The partner-managed large format theater building reverted to Zoo ownership in early 2019. With its location just outside the Zoo main entrance and adjacent to a scenic forested hill, the theater building is a perfect site for the jumping off point to nature adventure. The master plan envisions the Zoo will offer year-round fee-based adventure experiences including indoor and outdoor rock climbing, zip lines, an elevated ropes adventure course, indoor and outdoor nature-based children's play structures, and a group rental pavilion. The theater's interior and exterior will be designed to reflect the Zoo's commitment to its mission to connect people, animals and the natural world to save wildlife. This request is for the first phase of development, which includes either the outdoor or indoor portion of the adventure activities as well as renovations to the building interior needed to support these activities.

Reopen closed portion of Tropics Trail as a new exhibit

In the middle of the popular Tropics Trail is a boarded up hallway that was once the beloved nocturnal section of the trail, which closed over 10 years ago. The exhibit will be completely redesigned and reopened as an immersive walk-through experience that accommodates much-needed guest restrooms and an animal encounter space.

Renovate animal hospital to improve animal welfare

Built in 1975, the Zoo's animal hospital predates the opening of the Zoo and requires significant renovation to meet industry standards for animal care. The project will replace HVAC systems and electrical services, repair the exterior structure, including adding an ambulance bay for safe animal transport, renovate facilities to support modern veterinary technology and practices, update workspaces, and co-locate compatible animal programs.

The project will include design and construction of these concepts outlined in the 10-year facilities

master plan completed in 2019.

## **Project Rationale**

Two high profile facilities – a long stretch of the popular Tropics Trail and the recently vacated movie theater at the Zoo’s entrance—are sitting vacant and not contributing to the guest experience or the Zoo’s bottom line. Converting the movie theater to a hub for nature adventure is central to the Zoo’s goal of becoming a *Pathway to Nature* for all Minnesotans. The project is also central to the Zoo’s sustainable business model by bringing in new audiences and opening up new revenue streams.

Reopening the closed portion of the Tropics Trail as a new exhibit is vital for keeping the Zoo fresh and relevant for the next 40 years. Empty spaces and signs of neglect threaten the Zoo’s vitality and can have a negative impact on attendance. Existing members see this as evidence of a diminishing return on their membership investment, potentially negatively impacting membership renewal rates. Corporate sponsorship/investments, which also have significant impact on the Zoo’s earned income and profitability, favor innovation and new experiences making revitalization of these projects critical for sponsorship retention.

As a nationally-accredited zoo, we uphold the highest standards of care for our collection of nearly 5,000 animals. Our team of veterinarians and technicians work tirelessly to care for the animals, but they are hampered by an extremely outdated facility. Animal welfare standards, veterinary practices, and medical technology have advanced tremendously in the decades since the Zoo’s animal hospital was built. While our veterinary staff work wonders with what they have, the outdated facility greatly limits their efficiency and effectiveness.

## **Project Timeline**

This request is part of a ten-year plan to revitalize the Zoo. Projects included in this request will be completed within the timeframe that the funding is available.

## **Other Considerations**

None

## **Impact on Agency Operating Budgets**

This project supports a sustainable business model by addressing the needs of an aging site and improving the guest experience. New and improved guest experiences are critical to sustaining attendance and generating earned income that comprises two-thirds of the Zoo’s operating budget. The revitalization plan is designed to invest in the Zoo’s existing facilities and minimize increased operating costs where possible, or grow revenue to support higher costs where appropriate.

## **Description of Previous Appropriations**

None

## **Project Contact Person**

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**Governor's Recommendation**

The Governor recommends \$5 million in general obligation bonds to improve the Minnesota Zoo's animal hospital.

(\$ in thousands)

## Revitalize the Zoo

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 15,500	\$ 0	\$ 0
<b>Funds Already Committed</b>				
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 15,500</b>	<b>\$ 0</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 1,730	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 10,102	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 220	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 674	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 2,774	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 15,500</b>	<b>\$ 0</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 15,500	100 %
User Financing	\$ 0	0 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	Yes
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?</b>	Yes
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 473.4485: Guideway Project</b>	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A

**Asset Preservation****AT A GLANCE****2020 Request Amount:** \$12,500**Priority Ranking:** 3**Project Summary:** Asset preservation to maintain the Minnesota Zoo's 40 year-old, 485-acre campus. Routine asset preservation appropriations are vital to maintaining this beloved state asset for future generations of Zoo guests.**Project Description**

Minnesota's "new zoo" is over 40 years old, and the campus is aging rapidly. Priorities for asset preservation during the next biennium include:

- Repair of animal exhibits and support buildings, including roof and skylight replacement.
- Replacement of outdated mechanical, electrical and life support systems to meet Minnesota B3 sustainability requirements, including assessment and design to replace the heat plant.
- Updating restrooms to meet ADA requirements, egress codes, and guest expectations.
- Repair and replacement of deteriorated bridges, trails, and roads throughout the site.

**Project Rationale**

Asset preservation allows the Minnesota Zoo to remain a safe, secure, and fun destination for Minnesotans of all ages. The Minnesota Zoo operates on the scale of a small city, with 485 acres of land, 121 buildings, its own heat plant and back up generators, 6.5 miles of roads, 48 acres of parking lots, and 25 miles of fencing. Animal exhibits and holding facilities require complex air handling and life support systems to ensure animal welfare. Significant investment is needed each year for the Zoo to remain fresh and relevant.

**Project Timeline**

Asset preservation funding will be spent during the four year time-frame of the appropriation.

**Other Considerations**

None

**Impact on Agency Operating Budgets**

Asset preservation projects support a sustainable business model for the Minnesota Zoo. More efficient building systems reduce utility and repair bills. Timely infrastructure improvements prevent costly failures and downtime. Renovating and retrofitting existing spaces makes staff more efficient and improves the guest experience – both of which are vital to generating revenue and controlling costs. Over 50% of the Zoo's operating budget is earned through admissions, membership, education, and other programming. Supporting a positive guest experience through maintaining the Zoo's campus is essential to the Zoo's continued operation.

**Description of Previous Appropriations**

2018 - \$6 million  
2017 - \$4 million  
2014 - \$7 million  
2012 - \$4 million  
2011 - \$4 million  
2010 - \$6 million  
2009 - \$3 million

**Project Contact Person**

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**Governor's Recommendation**

The Governor recommends \$10 million in general obligation bonds for this request. Also included are budget estimates of \$10 million for each planning period for 2022 and 2024.

(\$ in thousands)

## Asset Preservation

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 12,500	\$ 0	\$ 0
<b>Funds Already Committed</b>				
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 12,500</b>	<b>\$ 0</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 250	\$ 0	\$ 0
Design Fees	\$ 0	\$ 250	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 12,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 12,500</b>	<b>\$ 0</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2020	FY 2022	FY 2024
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 12,500	100 %
User Financing	\$ 0	0 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	Yes
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?</b>	Yes
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 473.4485: Guideway Project</b>	
Is this a Guideway Project?	N/A
Is the required information included in this request?	N/A