

Natural Resources

Projects Summary

(\$ in thousands)

Project Title	Rank	Fund	Project Requests for State Funds			Gov's Rec	Gov's Planning Estimates	
			2020	2022	2024	2020	2022	2024
Natural Resources Asset Preservation	1	GO	137,000	137,000	137,000	70,000	70,000	70,000
Natural Resources Betterment of Buildings	2	GO	47,500	47,500	47,500	25,000	25,000	25,000
Natural Resources Acquisition and Betterment of Public Lands	3	GO	69,000	69,000	69,000	30,000	30,000	30,000
Wildfire Aviation Infrastructure	4	GO	9,500	4,000	4,000	9,500	0	0
Improving Accessibility to State Parks and Recreation Areas	5	GO	10,000	10,000	10,000	10,000	0	0
Dam Safety Repair, Reconstruction or Removal	6	GO	20,000	10,000	10,000	20,000	20,000	20,000
Flood Hazard Mitigation Grant Assistance Program	7	GO	20,000	20,000	20,000	20,000	20,000	20,000
Lake Vermilion Soudan Underground Mine State Park	8	GO	16,800	11,000	15,000	5,800	0	0
Parks and Trails Local and Regional Grant Program	9	GO	4,000	4,000	4,000	4,000	4,000	4,000
Community Tree Planting Grants	10	GO	2,000	2,000	2,000	2,000	0	0
Total Project Requests			335,800	314,500	318,500	196,300	169,000	169,000
General Obligation Bonds (GO) Total			335,800	314,500	318,500	196,300	169,000	169,000

dnr.state.mn.us/

AT A GLANCE

Conserve and manage natural resources

- Manage 1.3 million acres of wildlife management areas, 192,000 acres of scientific and natural areas, and 4.2 million acres of state forest
- Protect, monitor, enhance, and restore habitat on 4,500 fishing lakes and 16,000 miles of streams and rivers
- Manage 2,800 surface-water monitoring sites

Provide recreation opportunities

- Operate 75 state parks and recreation areas, 43 state forest campgrounds and nine state waysides
- Manage 2.4 million license sales and 1.4 million boat or vehicle registrations
- Manage more than 29,400 miles of trails for hiking, biking, snowmobiles, off-highway vehicles, horseback riding, and cross-county skiing
- Manage 1,700 public water accesses, 368 fishing piers, and 35 water trails

Build the economy

- Manage fishing, hunting, and wildlife-watching activities supporting 48,000 jobs and \$3.8 billion in economic activity
- Manage 12 million acres of state mineral rights contributing directly to the mining economy, including 3.5 million acres of school trust lands
- Meet certification requirements on 5 million acres of state forest lands, including 2.5 million acres of school trust lands, that provide timber, habitat, clean water, and recreational opportunities

Demonstrate operational excellence

- Manage 2,900 facilities statewide
- Direct an annual budget of roughly \$565 million
- Employ more than 4,300 employees, who worked 5.5 million hours, which equates into 2,700 full time equivalents

PURPOSE

The mission of the Department of Natural Resources (DNR) is to work with Minnesotans to 1) conserve and manage natural resources, 2) provide outdoor recreation opportunities; and 3) provide for commercial uses of natural resources in a way that creates a sustainable quality of life.

DNR fulfills this mission by:

- Conserving the diversity of land, waters, and wildlife so people can enjoy the outdoors and benefit from natural resources and related industries.
- Connecting Minnesotans and visitors with the state's natural wonders.
- Promoting responsible use of resources.
- Managing an outdoor recreation system that provides diverse opportunities for all Minnesotans to experience and understand our natural and cultural heritage.
- Protecting and promoting healthy waterways and groundwater.
- Managing state forests, mineral rights, and school-trust lands for the benefit of the state and local economies.

DNR contributes to priority statewide outcomes:

- The environment is clean and healthy and natural resources are used sustainably.
- Families and communities are strong, stable, and healthy.

- The economy is thriving and supports business growth and employment opportunities.
- People in Minnesota are safe.

STRATEGIES

To accomplish its mission, DNR uses the following long-term strategic framework:

1. **Conserve and enhance waters, natural lands, and fish and wildlife habitats.** DNR works closely with partners to achieve this by:
 - Enhancing groundwater management—monitoring, permitting, education and compliance—to ensure sustainable use and quality.
 - Working with farmers, landowners, local officials, and the public to promote conservation of prairies, grasslands, and wetlands.
 - Preventing and curbing the spread of invasive species.
 - Inventorying and monitoring the status of natural lands, waters, wildlife, and plants.
2. **Provide outdoor recreational opportunities.** Seek to engage more Minnesotans in outdoor activities to benefit health, community, and conservation by:
 - Providing affordable outdoor learning experiences to beginners by implementing programs such as the “I Can” series and “Learn to Hunt.”
 - Promoting user friendly, digital recreation information, such as new websites and mobile apps.
 - Implementing the parks and trails system plan to provide quality visitor experiences and attract new users.
3. **Manage natural resources for sustainable economies and community prosperity.** While ensuring strong environmental stewardship, DNR helps generate billions of dollars a year for the state through our work related to recreation tourism, forest products, and mineral and water resources, by:
 - Maintaining diverse, healthy, sustainable, and productive forests that meet certification standards.
 - Researching and developing mining technologies that protect the environment.
 - Improving data management systems to provide better access to and analysis of groundwater and surface water data for sustainable communities.
 - Leasing mineral rights and real estate and selling land and timber from the school trust portfolio.
4. **Achieve operational excellence in public service.** DNR strives to continually improve services offered by:
 - Increasing the use of plain language and presenting information in easy-to-understand formats.
 - Ensuring the health and safety of employees and visitors at DNR facilities.
 - Improving access to parks, trails, and other DNR facilities for people of all abilities.
 - Maintaining work standards that reinforce positive and professional conduct, promote diversity, and support staff training and development.
 - Increasing energy efficiency and renewable energy use to reduce costs and help the environment.
 - Developing “continuous improvement” projects to improve public service and customer satisfaction.

While pursuing these long-term strategies, DNR recognizes its current operating environment and the broader challenges and opportunities the agency and all Minnesotans face:

- **The agency has a three-part mission that requires careful balance in order to achieve expected results.** Conservation, outdoor recreation, and economic development can often intersect in creative and fruitful ways, and it requires dedicated vision, strategic management, and operational excellence to ensure all of DNR’s programs work together to meet its mission. The application of rigorous science, high quality data, and fully engaged stakeholders from across a well-informed public can help DNR achieve that balance and fulfill its mission.
- **Climate change continues to impact Minnesota’s natural resources.** The state’s climate already is changing rapidly and will continue to do so for the foreseeable future. Temperatures are increasing—especially in winter—and larger, more frequent extreme precipitation events are occurring. These changes are impacting Minnesota’s wildlife, plants, waters, historic resources, infrastructure, and

available outdoor recreation activities. For example, Eastern larch beetle populations are booming with milder winters and 300,000 acres of infested tamarack forests have been lost.

- **The state’s demographics are changing, which has implications for natural resource management.** According to the state demographer and U.S. Census Bureau, Minnesota is becoming a more diverse state with rapidly growing Asian, Black, and Hispanic populations. Not all cultures and ethnicities think about or want to use natural resources in the same way. In addition, different generations think about resources differently. For example, baby boomers brought up on hunting are aging out of the sport and millennials are not replenishing their ranks in equal numbers.
- **The state’s workforce is undergoing a similar change, with additional implications for the agency.** The composition of DNR’s workforce has been changing, and must continue to change, if the agency is to reflect the state and its residents’ diverse perspectives on natural resources. The percentages of women, minorities, and persons with disabilities in our workforce have all edged up over the past 10 years, with substantial change likely to come. The continued trend of retiring baby boomers has also had an impact on the agency’s collective experience, but also offers an important opportunity to approach our work with fresh perspectives.
- **The demand for governmental services is often greater than the resources available.** The 2018 bonding appropriation was a comparative success in helping address substantial, long-standing needs to repair and restore buildings and other state assets (e.g., trails and bridges) that Minnesotans use, but the list of aging assets continues to grow and increased investment is needed.
- **DNR has been implementing promising strategies for several years to increase cost-effectiveness and fulfill our mission.** For example, the Strategic Land Asset Management (SLAM) initiative has added an important analytic framework for our land asset portfolio by guiding acquisition management, exchanges, and sales activities. Also, DNR’s improvement of facility energy use—reducing energy use by 14 percent compared to 2010—demonstrates the agency’s ongoing efforts at conserving energy.
- **Invasive species and animal and plant diseases and pests continue to threaten natural resources.** Despite increased inspection and education efforts, new lakes and rivers are infested by aquatic invasive species each year. Chronic wasting disease has been identified in wild deer in southeastern and central Minnesota and continues to be detected in captive deer farms in several areas across the state. Invasive pests, such as the emerald ash borer, present threats to forests and other plant communities. These stressors increasingly demand the attention of DNR programs.
- **Water quality and quantity are critical to Minnesotans, the state’s economy, and to fish, wildlife, and other natural resources.** The need for active and innovative management of surface water and groundwater is growing. Improved assessment and monitoring, modeling, and watershed-based planning processes allow DNR and other agencies to better understand water resources and develop management approaches to address both supply issues and water quality impairments.

Department of Natural Resources legal authority comes from Minnesota Statutes:

84 (<https://www.revisor.mn.gov/statutes/?id=84>)

84A-84D (<https://www.revisor.mn.gov/statutes/part/CONSERVATION>)

85-87A (<https://www.revisor.mn.gov/statutes/part/RECREATION>)

88-91 (<https://www.revisor.mn.gov/statutes/part/FORESTRY>)

92-94 (<https://www.revisor.mn.gov/statutes/part/LANDS+AND+MINERALS>)

97-102 (<https://www.revisor.mn.gov/statutes/part/GAME+AND+FISH>)

103A (<https://www.revisor.mn.gov/statutes/?id=103A>)

127A (<https://www.revisor.mn.gov/statutes/?id=127A>)

AT A GLANCE

The mission of the Department of Natural Resources (DNR) is to *work with Minnesotans to conserve and manage the state's natural resources, to provide outdoor recreation opportunities, and to provide for commercial uses of natural resources in a way that creates a sustainable quality of life.*

DNR seeks to achieve the following goals to fulfill its mission:

- **Goal 1:** Minnesota's waters, natural lands, and diverse fish and wildlife habitats are conserved and enhanced.
- **Goal 2:** Minnesota's outdoor recreation opportunities meet the needs of new and existing participants so all benefit from nature.
- **Goal 3:** Management of Minnesota's natural resources contributes to strong and sustainable job markets, economies, and communities.
- **Goal 4:** DNR has operational excellence and a focus on continuous improvement in public service.

Factors Impacting Facilities or Capital Programs

DNR is responsible for extensive capital assets that benefit Minnesotans. This includes many buildings, millions of acres of land, waterways, parks, trails, and more. Preserving and renewing this infrastructure is a priority for the DNR. In 2015, the DNR went through a comprehensive asset review that resulted in the 10-Year Capital Asset Need Report, which was most recently updated in January 2019. The DNR also conducts ongoing facilities condition assessments to determine the most critical needs amidst changing conditions.

The DNR capital asset plan accounts for the need to upgrade aging infrastructure, address deferred maintenance and improve access and safety for Minnesotans and visitors.

Minnesota is also facing unprecedented change regarding natural resources and public interaction with these natural resources. Accelerating shifts in climate are having significant impacts on Minnesota's lands and waters and are expected to intensify the negative effects of wildfires, invasive species, and disease on the state's resources. Demand for water is increasing rapidly and more information is needed to ensure water supplies are managed sustainably. All of these impacts threaten the resiliency of Minnesota's lands, waters, wildlife, and recreational opportunities. Further, demographic shifts and changing users necessitate better accessibility to remove barriers to outdoor recreation.

DNR has formulated a 2020 Capital Budget request to implement the department's goals and address the most critical needs in the face of changing conditions and shifting demands. The request advances the four strategic goals focused on achieving DNR's mission.

Goal 1: Minnesota's waters, natural lands, and diverse fish and wildlife habitats are conserved and enhanced. DNR is accelerating efforts to prevent and curb the spread of harmful invasive species, target conservation in prairie and forest landscapes, and develop more effective approaches to lake, river, and aquatic habitat conservation. The 2020 Capital Budget requests include funding for the strategic acquisition and betterment of public lands.

Goal 2: Minnesota's outdoor recreation opportunities meet the needs of new and existing participants so all benefit from nature. Outdoor recreation opportunities support the state's robust tourism economy, contribute to Minnesotans' health and quality of life, help keep established communities competitive, and attract new businesses and a skilled workforce. The 2020 Capital Budget requests serve to ensure people have access to high-

quality, diverse outdoor experiences by providing for the development and improved accessibility of parks, trails, water access sites, and conservation areas.

Goal 3: Management of Minnesota’s natural resources contributes to strong and sustainable job markets, economies, and communities. Investing in Minnesota’s vital natural resource economies is critical to maintaining the long-term economic health of the state. Minnesota’s natural resource-based economies – including recreational tourism, forest products, and mineral resources – generate billions of dollars for the state. The 2020 Capital Budget requests focus on improving the health and productivity of the state’s forest lands, developing new recreation opportunities, better managing water resources, improving management of school trust lands, reducing flood risk, supporting wildfire suppression, and leveraging capital budget investments to support local economies.

Goal 4: DNR has operational excellence and a focus on continuous improvement in public service. DNR is one of the state’s largest and geographically dispersed agencies, with many work locations, varied work sites and built assets valued at more than \$3 billion. Maintaining the existing infrastructure is critical to sustaining the benefit of the state’s important assets. Through the 2020 Capital Budget request, DNR seeks to improve its delivery of conservation services, ensure the health and safety of Minnesotans, reduce operating costs, reduce greenhouse gas emissions, and preserve the state’s cultural and ecological assets.

Self-Assessment of Agency Facilities and Assets

DNR has identified millions in capital investment needs across the state. Natural Resources Asset Preservation (M.S. 84.946) is a critical investment to maintain and improve capital resources and to provide safe and accessible places to work and recreate. The DNR 10-year Capital Asset Need Report indicates that, over the next 10 years, \$156 million in bonding is needed annually to fund deferred maintenance and renew and replace obsolete or inadequate assets. Acquisition of key parcels and betterment of public lands is also needed to advance strategic goals.

- Buildings in unacceptable or poor condition: DNR owns and maintains 2,852 buildings encompassing 3.3 million square feet at approximately 225 locations statewide. In addition to office, workspace, and storage facilities, this includes state park visitor centers, shower buildings, fish hatcheries and more. Nearly one-third of DNR’s buildings are more than 50 years old; only 25 percent align with today’s design and building standards. Many of these buildings have major issues impacting health and safety, such as mold or leaking roofs.
- State park accessibility: Many state park buildings and amenities are inaccessible, which can be a barrier to enjoyment of the outdoors for many Minnesotans. Our goal is to improve the accessibility of state parks and recreation areas by making comprehensive improvements to highly used facilities, while also bringing existing buildings up to code as major maintenance occurs.
- Aviation infrastructure: DNR’s ability to effectively respond to wildfire and other safety needs depends on having safe, secure, and efficient space for our air operations. Current facilities do not meet this standard.
- Deteriorating roads and bridges: DNR is responsible for more than 3,300 miles of forestry, wildlife, and state parks roads and about 325 bridges. This infrastructure needs an investment of over \$30 million to address deficiencies.
- Resurfacing trails: Of the 675 miles of paved state trails, about 100 miles currently need rehabilitation. Meeting ongoing maintenance needs for the trail system means resurfacing 30 miles per year at an average cost of \$200,000 per mile.
- Aging trail bridges: DNR has approximately 350 trail bridges, including more than 100 bridges over 100 years old. To bring these bridges up to current standards over the next 10 years would take \$7 million annually and subsequently \$2 million annually for maintenance.
- Flood risk prevention: Flood mitigation and risk prevention are very cost-effective investments. On average, \$1 expended averts \$7 in future damage. Minnesota has made significant improvements in this

area and the remaining flood risk is primarily to structures built before the floodplain zoning regulations became effective in 1969. Approximately \$20 million annually in additional funding for four years would substantially address the remaining community flood protection projects.

- Aging public dams: The state's 644 public dams (312 state and 332 local), most of which are over 50 years old, require ongoing or emergency repairs and reconstruction to protect public safety and property.
- Water monitoring: Approximately 7,000 monitoring wells are necessary to ensure adequate assessment of groundwater availability for water supply planning; the state's current network only includes about 1,000 wells. \$1 million annually is needed to expand the network in the most critical areas.
- Maintaining sustainable forests: DNR administers 4.2 million acres of forests located in state forests and wildlife management areas. An investment of \$7 million is needed to replant and treat forest stands in the wake of disease outbreaks and planned harvests. Additional funds for acquisition of key forest parcels and easements would help ensure sustainability. Enhancements at the Badoura Nursery are needed for efficiency and safety and to ensure adequate supply of native tree seedlings for reforestation.
- Supporting recreational fishing: DNR's fish hatcheries support a robust recreational fishing industry by raising and stocking approximately 2.2 million fish. \$1.1 million is currently needed for improvements to existing hatcheries to ensure continued safe and efficient operation.
- Supporting conservation lands: Wildlife management areas, aquatic management areas, scientific and natural areas, native prairies and state parks and trails all require some level of development to ensure the public has adequate access and facilities. This includes access roads, parking lots, fencing, signage, and shower facilities. Acquisition of key parcels and inholdings requires about \$34 million.

Agency Process for Determining Capital Requests

The 2020 Capital Budget request is based on a strategic capital plan design to advance the department's mission and goals. DNR's 10-year Capital Asset Need Report (mndnr.gov/reports) is used to develop our capital budget requests. This report identifies the asset types, current condition, and the annual need for renewal and replacement. The capital budget development process employs an agency-wide interdisciplinary approach where a DNR capital budget team representing all major programs develops budget proposals based on these objectives. Priority needs are identified and discussed and inform the Commissioner's ultimate 2020 capital budget requests.

Major Capital Projects Authorized in 2018 and 2019

2018 Projects:

- Natural Resource Asset Preservation – \$26.581 million
- Acquisition and Betterment of Buildings – \$6 million
- State Park Accessibility – \$0.5 million
- Flood Hazard Mitigation Grants – \$20 million
- Parks & Trails Development – \$11.5 million
- State Land Reforestation and Stand Improvement – \$3 million

2019 Projects:

- Natural Resource Asset Preservation – \$3.419 million

Natural Resources Asset Preservation

AT A GLANCE

2020 Request Amount: \$137,000

Priority Ranking: 1

Project Summary: \$137 million in state funds is requested for the repair and renovation of the Department of Natural Resources (DNR) capital assets (including buildings, roads, trails, water accesses, bridges, recreational facilities and more) to assure they are safe and functional for the recreating public, support the conservation of Minnesota’s natural resources, and preserve the state’s investment in its capital assets.

Project Description

This \$137 million request is to fund Natural Resources Asset Preservation and Replacement needs under M. S. 84.946. DNR manages a broad array of building and recreational assets that serve and benefit people across Minnesota. This includes 2,852 buildings at over 225 locations, 75 state parks and recreation areas, 9 waysides, 43 forest campgrounds, 3,300 miles of roads, 675 miles of surfaced state trail, over 1,000 bridges and culverts, 1,700 water access sites, over 1,000 water control structures and dams, 15 hatcheries, 2 nurseries, 368 fishing piers, and thousands of miles of hiking trails. All of these require periodic renewal.

The value of DNR buildings and recreational assets is about \$3 billion. To keep everything in a safe and usable condition requires significant and ongoing repair, renovation, and renewal.

- **Buildings:** \$64 million for renewal of existing buildings, particularly to bring crisis or poor building components up to acceptable or better condition. Special focus will be paid to safety, accessibility, code compliance, roof replacements, replacement of inefficient mechanical systems, and providing renewable energy. Projects include completing the repair of the Soudan mine hoist shaft.
- **Water and Wastewater Systems:** \$10 million to address aging water and wastewater systems statewide, including at Itasca, Whitewater, Myre-Big Island, and Scenic State Parks. Top priority projects involve fixing systems that do not fully meet current health and environmental standards.
- **Roads, Trails, and Bridges:** \$38.5 million to provide critical renewal and replacement of roads, trails, culverts, and bridges on state land. These systems provide access to state forest lands, state parks, recreation areas, and wildlife management areas and include many bridges that are more than 100 years old.
- **Public Water Access Sites and Lake Superior Small Craft Harbors:** \$15.5 million to rehabilitate existing public water access sites and harbors to address safety issues and implement best management practices for shoreland management, aquatic invasive species (AIS) management, and accessibility components.
- **Water Control Structures:** \$3 million for water control structures that provide waterfowl habitat on key shallow lakes and wetlands. DNR manages hundreds of dikes, water control structures, and fish barriers across Minnesota. These structures are deteriorating and require repair or replacement to maintain existing investments in the state’s fish and wildlife resources.

- Monitoring Wells: \$1.1 million for rehabilitation of existing groundwater monitoring (observation) wells.
- Campsites, Group Camps, and Day Use Areas: \$3.8 million for major renovations to address deferred maintenance and meet the changing needs of the public. Priority sites include Nerstrand, Temperance River, and Maplewood State Parks.
- Hatcheries and Nurseries: \$1.1 million for critical repair and replacement of hatchery system components statewide.

Project Rationale

DNR managed parks, trails, and public land are enjoyed by visitors across the state. DNR’s assets have been neglected because of insufficient funding and the resulting deferred maintenance is significant and costly. The December 2018 facility condition assessment shows that of about 2,852 buildings, 215 are in crisis condition and 549 are in poor condition. Some bridges are weight restricted, trails are in very poor condition, and state natural resources are under-utilized because of inadequate accesses or water control structures. The needs are documented further in DNR’s 10-Year Capital Asset Need report, which was most recently updated in January 2019 (mndnr.gov/reports).

Project Timeline

Funds will be expended or encumbered by 2024, with the majority of spending in years two and three.

Other Considerations

The DNR has set aggressive goals for securing a more sustainable future that incorporate greater use of clean energy to reduce the state’s greenhouse gas emissions. DNR leads by example in adopting renewable energy installations, which have included Solar PV capable of annually generating 675 KW at 31 locations, energy-star equipment, and building construction designed to operate near the net-zero level.

Impact on Agency Operating Budgets

This will have a minimal impact on operating budgets.

Description of Previous Appropriations

L2019 Ch. 2 - Bond, Asset Preservation, \$3,419,000

L2018 Ch. 214 - Bond, Asset Preservation, \$26,581,000

L2017 (1st SS), Ch. 8 - Bond, Asset Preservation, \$15,000,000

Project Contact Person

Shannon Lotthammer
 Assistant Commissioner
 651-259-5021
 Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$70 million in general obligation bonds for this request. Also included are budget estimates of \$70 million for each planning period for 2022 and 2024.

Natural Resources

Project Detail

(\$ in thousands)

Natural Resources Asset Preservation

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 45,000	\$ 137,000	\$ 137,000	\$ 137,000
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 45,000	\$ 137,000	\$ 137,000	\$ 137,000

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	\$ 6,750	\$ 20,550	\$ 20,550	\$ 20,550
Project Management	\$ 4,500	\$ 13,700	\$ 13,700	\$ 13,700
Construction	\$ 33,750	\$ 102,750	\$ 102,750	\$ 102,750
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
TOTAL	\$ 45,000	\$ 137,000	\$ 137,000	\$ 137,000

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	\$ 137,000	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?	No
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	No
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

Natural Resources Betterment of Buildings

AT A GLANCE

2020 Request Amount: \$47,500

Priority Ranking: 2

Project Summary: \$47.5 million in state funds is requested to support the Department of Natural Resources' (DNR) strategic and long-term investment in its building management objectives. This includes the reconstruction or replacement of DNR offices, state park shower buildings, nurseries, and fish hatchery buildings. Of highest priority are buildings that are unsafe, not accessible, no longer serve their intended purpose, or have reached the end of their useful life.

Project Description

This \$47.5 million request includes funds under M.S. 86A.12 to acquire, construct, and improve buildings. New construction and expansion of use do not qualify for asset preservation funding, so building betterment funding is needed. The request would allow significant improvements to or replacement of buildings that are not accessible, unsafe, no longer serve their intended purpose, or have reached the end of their useful life.

Funding would address the critical need for statutorily required storage of mineral exploration samples (Drill Core Library in Hibbing); enhance the safety and efficiency of processing equipment at the Badoura nursery; enhance ease of maintenance and accessibility of campground shower buildings at Frontenac, Scenic, Bearhead, and Lake Bronson state parks; and replace hatchery buildings at Waterville. The funds would also support the siting and design of office spaces to address needs in Bemidji, Spicer, Little Falls, and International Falls.

Additional storage buildings are also needed at various locations around the state. The equipment used by DNR, such as boats and fire trucks, to provide safety services to the public and protect our natural resources is becoming larger and contains highly sophisticated electronic operating systems. This equipment no longer fits in many existing DNR storage buildings and is forced to be stored outside.

Project Rationale

DNR buildings must be safe, accessible, energy efficient and optimally located to best serve the public and meet the agency's infrastructure needs. To meet these goals, DNR follows these guidelines:

- Right-size the DNR's building portfolio,
- Provide just enough facilities to support DNR's mission and not more,
- Construct and operate facilities to have the smallest environmental footprint possible, and
- Design facilities to enhance and support integrated natural resource work.

Project Timeline

This request has many components and all phases will be complete within the given time frames.

Other Considerations

In addition to cost reductions, it is anticipated that co-location of DNR sites will enhance outdoor recreation opportunities by focusing delivery at key locations. DNR has successfully co-located offices and other facilities with other public entities, as evidenced by sites in Warroad (with the City), Thief River Falls (DPS and MNDOT), and Blackduck (US Forest Service), and is seeking similar opportunities.

The cost of constructing buildings to properly store equipment is offset in the long-term by increasing the life-cycle of the equipment.

Impact on Agency Operating Budgets

This will have a minimal impact on operating budgets.

Description of Previous Appropriations

L2018, Ch. 214 - Bond, Buildings, \$6,000

Project Contact Person

Shannon Lotthammer
Assistant Commissioner
651-259-5021
Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$25 million in general obligation bonds for this request. Also included are budget estimates of \$25 million for each planning period for 2022 and 2024.

Natural Resources

Project Detail

(\$ in thousands)

Natural Resources Betterment of Buildings

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 6,000	\$ 47,500	\$ 47,500	\$ 47,500
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 6,000	\$ 47,500	\$ 47,500	\$ 47,500

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 120	\$ 950	\$ 950	\$ 950
Design Fees	\$ 1,080	\$ 8,550	\$ 8,550	\$ 8,550
Project Management	\$ 600	\$ 4,750	\$ 4,750	\$ 4,750
Construction	\$ 4,200	\$ 33,250	\$ 33,250	\$ 33,250
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
TOTAL	\$ 6,000	\$ 47,500	\$ 47,500	\$ 47,500

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	\$ 47,500	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?	No
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	No
Has the predesign been approved by the Department of Administration?	No
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

Natural Resources Acquisition and Betterment of Public Lands

AT A GLANCE

2020 Request Amount: \$69,000

Priority Ranking: 3

Project Summary: \$69 million in state funds is requested for the Department of Natural Resources (DNR) to acquire and better state lands in order to improve and conserve Minnesota's natural heritage, enrich public outdoor recreational opportunities, and provide for sustainable commercial uses of natural resources.

Project Description

This request includes \$49 million under M. S. 86A.12 to acquire and improve public lands and \$20 million under M. S. 84.027, subd. 18 to provide compensation to the permanent school trust fund.

- Acquisition: \$34 million would be used to acquire (either in fee or through easements) strategic in-holdings and parcels for Scientific and Natural Areas (SNAs), State Parks, forest management, and Pheasant Summit Action Plan implementation. This includes Forest for the Future acquisitions to prevent the loss of large parcels of forest land.
- Betterment of Public Lands: \$15 million would be used to improve public lands, including reforestation, SNA development, construction of a campground with off-highway vehicle access in the Beltrami Island State Forest, building new public water accesses, adding groundwater observation wells, and increasing production at hatchery ponds.
- School Trust Land Acquisition and Betterment: \$20 million would be used to provide compensation to the Permanent School Trust Fund for the acquisition of lands that contain DNR facilities that prohibit or limit revenue generation. These funds will begin to address the requirement under M. S. 84.027, subd. 18. This request includes the betterment of trust lands by accomplishing reforestation and improvement of forest roads, which would increase compensation to the Permanent School Trust Fund.

Project Rationale

This funding is needed to improve the management and conservation of the natural resources of the state as provided for in M.S. 86A.12. Proper management of natural resources and recreational improvements help to ensure a prosperous and healthy Minnesota. Additionally, this funding would allow the DNR to make progress addressing the requirements under M.S. 84.027, subd. 18 regarding the School Trust Fund.

Project Timeline

Projects will be completed within the required time frame.

Other Considerations

In-holdings are the highest priority for acquisition.

Impact on Agency Operating Budgets

This will have a minimal impact on operating budgets.

Description of Previous Appropriations

L2018, Ch. 214 - Bond, Reforestation, \$3,000,000

L2017 (1st SS), Ch. 8 - Bond, Reforestation, \$1,000,000

L2017 (1st SS), Ch. 8 - Bond, Parks and Trails, \$14,548,000

L2017 (1st SS), Ch. 8 - Bond, St. Paul Invasive Tree Pests, \$1,500,000

The Wildlife Management Area (WMA), Aquatic Management Area (AMA), Scientific and Natural Area (SNA), Native Prairie Bank (NPB) and Groundwater Monitoring programs are also supported in part by the Outdoor Heritage Fund, Clean Water Fund and/or the Environment and Natural Resources Trust Fund.

Project Contact Person

Shannon Lotthammer
Assistant Commissioner
651-259-5021
Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$30 million in general obligation bonds for this request. Also included are budget estimates of \$30 million for each planning period for 2022 and 2024.

Natural Resources

Project Detail

(\$ in thousands)

Natural Resources Acquisition and Betterment of Public Lands

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 20,048	\$ 69,000	\$ 69,000	\$ 69,000
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 20,048	\$ 69,000	\$ 69,000	\$ 69,000

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 0	\$ 54,000	\$ 54,000	\$ 54,000
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 3,010	\$ 2,250	\$ 2,250	\$ 2,250
Project Management	\$ 1,605	\$ 1,200	\$ 1,200	\$ 1,200
Construction	\$ 15,433	\$ 11,550	\$ 11,550	\$ 11,550
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
TOTAL	\$ 20,048	\$ 69,000	\$ 69,000	\$ 69,000

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	\$ 69,000	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?	No
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	No
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

Wildfire Aviation Infrastructure

AT A GLANCE**2020 Request Amount:** \$9,500**Priority Ranking:** 4

Project Summary: \$9.5 million in state funds is requested to support the Department of Natural Resources' (DNR) efforts to extinguish wildfires through aerial suppression and conservation compliance and enforcement. Airtanker base ramps, hangar buildings, utilities and support systems require investments to make them efficient and sustainable.

Project Description

- **Hibbing Airtanker Base:** \$5 million is to replace the ramp (\$2 million) and build new tanker base buildings (\$3 million) at Hibbing. The ramp (staging and access area) is decaying and is almost inoperable. The current facility utilizes two mobile home units that have reached the end of their useful life. The wildfire response facility will be approximately 3,000 sq. ft. and accommodate up to 30 people for briefing, dispatch, crew readiness, storage, and pilot rest areas.
- **Grand Rapids Hangar:** \$2 million to construct a consolidated hangar and helibase facility for DNR wildfire and enforcement operations. The facility will provide security and storage for DNR-owned aircraft as well as facilities for helicopter operations, including accommodations for 12 people for briefing, crew readiness, storage, and pilot rest areas. DNR Forestry and Enforcement divisions currently operate from three separate locations. The current hangar space for DNR-owned aircraft at Grand Rapids is a privately-owned maintenance and storage space with multiple tenants, requiring extensive movement/repositioning of airplanes by the hangar operator. Significant damage occurred to a DNR airplane in 2018 during repositioning, which resulted in months of the aircraft being unavailable.
- **Brainerd Airtanker Base:** \$2.5 million is for the DNR portion of a joint Aircraft Rescue and Firefighting (ARFF) and DNR Airtanker Base building at Brainerd. The joint facility will bring efficiencies through shared utility infrastructure, shared common spaces, parking, and space for an emergency operations center for state, county or local governmental units. The DNR airtanker base portion of the combined building will be approximately 3,000 sq. ft. and accommodate 30 people for briefing, dispatch, crew readiness, storage, and pilot rest areas. The current airtanker base utilizes two mobile home units that have reached the end of their useful life and storage buildings have been constructed ad-hoc and are not efficient or reliable.

Project Rationale

Airtanker base, hangars and helibase facilities must be secure, safe, energy efficient, and provide the space needed for operations personnel and aircraft pilots and crews so DNR can effectively respond to wildfire and support enforcement needs. To meet these goals, these facilities should:

1. Be strategically spaced across the state for efficient and timely response to wildland fires,
2. Utilize appropriate construction techniques and heating/cooling systems for Minnesota's environment,

3. Support integrated operations where necessary and feasible, and
4. Provide for storage and protection of equipment to increase equipment life-cycle and decrease equipment down-time.

Project Timeline

This project has several components in three different locations. The Hibbing ramp is under design. Constructing joint facilities requires similar timeframes for all entities. All phases will be complete within the given timeframes.

Other Considerations

DNR is working with the airport authorities on these projects and may grant them funds to execute construction.

DNR has successfully co-located with other public entities in Warroad, Thief River Falls, and Bemidji.

Infrastructure updates and building improvements at DNR airtanker bases have been sporadic and limited since the program's inception in 1976.

Impact on Agency Operating Budgets

This project is not expected to have a significant impact on operating budgets.

Description of Previous Appropriations

n/a

Project Contact Person

Shannon Lotthammer
Assistant Commissioner
651-259-5021
Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$9.5 million in general obligation bonds for this request.

Natural Resources

Project Detail

(\$ in thousands)

Wildfire Aviation Infrastructure

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 9,500	\$ 4,000	\$ 4,000
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 9,500	\$ 4,000	\$ 4,000

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	\$ 1,425	\$ 600	\$ 600
Project Management	\$ 0	\$ 950	\$ 400	\$ 400
Construction	\$ 0	\$ 7,125	\$ 3,000	\$ 3,000
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
TOTAL	\$ 0	\$ 9,500	\$ 4,000	\$ 4,000

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	\$ 9,500	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?	No
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	No
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

Improving Accessibility to State Parks and Recreation Areas

AT A GLANCE

2020 Request Amount: \$10,000

Priority Ranking: 5

Project Summary: \$10 million is requested in state funds to create comprehensive accessibility at William O'Brien State Park and to design projects at Fort Snelling State Park. Project components would include renovations of bathrooms, showers, campsites, trails, and day use facilities and development of new accessible amenities to serve visitors of all abilities.

Project Description

This project will improve accessibility at strategic facilities and amenities in William O'Brien State Park. This will include renovations of bathrooms, showers, campsites, trails and day use facilities to accommodate all users. It will also include development of new accessible amenities (e.g. yurts or wall tents) to meet the growing demand of a diverse user base and people of all abilities.

Many buildings at state parks are over 50 years old and were built before the advent of the Americans with Disabilities Act (ADA). All recent renovations and construction projects meet ADA specifications, but those projects currently occur only on a building-by-building basis and many parks remain only partially accessible. Funding for this proposal would create comprehensive accessibility at William O'Brien State Park so that the park can be enjoyed by all. Enhancements will also be pursued at Fort Snelling State Park to improve overall accessibility at that highly visited state park.

At William O'Brien State Park DNR would seek to enhance accessibility of the following:

- Walter F. Mondale Day-Use Area: picnic shelter, beach, sanitation building, amphitheater, rental area, fishing pier, nature play, parking
- Interpretive Center
- Riverway and Savanna campgrounds: shower building, campsites, vault toilets, camper cabins
- Riverside group camp: campsites, vault toilets
- Trails and trail amenities
- Water access (boat launch)
- Athletic field
- Wayfinding and signage
- Review/improve parking and access routes throughout the park

Project Rationale

The project is under design with \$500,000 from 2018 bonding funds. This project will show what comprehensive accessibility looks like, serve as a model for ongoing efforts, and, most importantly, provide an accessible experience for Minnesotans.

Project Timeline

- When design is finished - Fall 2021
- When construction begins - Spring 2022
- The midpoint of construction - 2023
- When construction is finished - Fall 2024
- When the project opens to the public - Spring 2025

Other Considerations

The DNR is responsible for providing a wide range of recreational opportunities and these opportunities need to be available to everyone. Enhanced accessibility opens park experiences to people with disabilities, and also improves access and experience for the elderly, young families, and visitors as a whole.

Impact on Agency Operating Budgets

This will have a minimal impact on operating budgets.

Description of Previous Appropriations

L2018, Ch. 214, Bond, \$500,000

Project Contact Person

Shannon Lotthammer
Assistant Commissioner
651-259-5021
Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$10 million in general obligation bonds for this request.

Natural Resources

Project Detail

(\$ in thousands)

Improving Accessibility to State Parks and Recreation Areas

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 500	\$ 10,000	\$ 10,000	\$ 10,000
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 500	\$ 10,000	\$ 10,000	\$ 10,000

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	\$ 400	\$ 1,000	\$ 2,000	\$ 2,000
Project Management	\$ 20	\$ 500	\$ 500	\$ 500
Construction	\$ 80	\$ 8,500	\$ 7,500	\$ 7,500
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
TOTAL	\$ 500	\$ 10,000	\$ 10,000	\$ 10,000

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	\$ 10,000	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?	No
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	No
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

Dam Safety Repair, Reconstruction or Removal

AT A GLANCE

2020 Request Amount: \$20,000

Priority Ranking: 6

Project Summary: \$20 million in state funds is requested to maintain the structural integrity of dams, prevent public safety hazards, and maintain water levels on rivers and lakes. The highest priority project is rehabilitating the Lake Bronson Dam, a high-hazard dam that risks loss of life or serious economic loss if failure were to occur.

Project Description

Minnesota’s public dam infrastructure includes 645 dams owned by the state, counties, cities and watershed districts. The state owns 312 of these public dams, most of which are over 50 years old and require ongoing repairs to maintain their structural integrity, prevent public safety hazards, and to maintain water levels on recreational lakes. Emergency repairs must be made when an imminent dam failure threatens public safety.

This request supports the Dam Safety Program under MS 103G.511 to manage Minnesota’s public dam infrastructure, which includes design, engineering, and construction to repair, reconstruct, or remove dams, and to respond to dam safety emergencies.

DNR prepares a dam safety priority list in May of odd numbered years. Lake Bronson Dam is a high hazard dam and is the DNR’s top priority. High hazard dams are those that have the potential for loss of life or serious economic loss if failure were to occur. The replacement of the Lake Bronson Dam is needed to ensure long-term safety. The current cost estimate is about \$20 million.

After the Lake Bronson Dam project is completed, funding would go to other program priorities. The program also includes the removal or modification of hazardous or obsolete dams that no longer provide significant public benefits and whose rehabilitation would not be cost effective or good for the environment. These projects may also provide natural resource benefits by maximizing the biological diversity of river systems and through restoring and reconnecting upstream and downstream habitats. Low-head river dams need to be modified to eliminate their dangerous “drowning machine” currents.

About 10 percent of Dam Safety Program capital budget appropriations are reserved for emergencies. Any emergency funds remaining are used on high priority projects.

Project Rationale

Dams maintain water levels on many of our recreational lakes, providing significant recreation, tourism, and economic benefits. For example, Mille Lacs, Minnetonka, Bronson and Ottertail Lakes all depend on dams to maintain water levels and surrounding property values. Making needed repairs limits the potential liability of the DNR and local government units that own dams, protects the public safety, and saves money by maintaining existing infrastructure assets.

Project Timeline

Projects will be completed within given time frame.

Other Considerations

Going forward, DNR estimates about \$6 million is needed every biennium to ensure long-term safety of publicly-owned dams.

Impact on Agency Operating Budgets

There will be minimal impact on operating budgets.

Description of Previous Appropriations

L2017 (1st SS), Ch. 8 - Bond, \$9,400,000

Project Contact Person

Shannon Lotthammer
Assistant Commissioner
651-259-5021
Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$20 million in general obligation bonds for this request. Also included are budget estimates of \$20 million for each planning period for 2022 and 2024.

Natural Resources

Project Detail

(\$ in thousands)

Dam Safety Repair, Reconstruction or Removal

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 9,400	\$ 20,000	\$ 10,000	\$ 10,000
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 9,400	\$ 20,000	\$ 10,000	\$ 10,000

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	\$ 1,500	\$ 1,000	\$ 1,600	\$ 1,600
Project Management	\$ 660	\$ 1,000	\$ 700	\$ 700
Construction	\$ 7,240	\$ 18,000	\$ 7,700	\$ 7,700
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
TOTAL	\$ 9,400	\$ 20,000	\$ 10,000	\$ 10,000

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	\$ 20,000	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
Predesign Review (M.S. 16B.335 subd. 3):	
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
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

Flood Hazard Mitigation Grant Assistance Program

AT A GLANCE**2020 Request Amount:** \$20,000**Priority Ranking:** 7**Project Summary:** \$20 million in state funds is requested for grants to cities, counties, and watershed districts for flood risk reduction. Projects range from purchasing and removing damaged and at-risk residential structures from the floodplain to constructing levees, pumping stations, and multi-purpose flood impoundments.**Project Description**

These funds would address flood risk reduction projects in Austin, Fairbault, Golden Valley, Montevideo, Moorhead, Rushford, Roseau River Watershed. Types of projects include the purchase and removal of damaged and at-risk residential structures from the floodplain and construction of levees, pumping stations and multi-purpose flood impoundments.

This funding supports the flood hazard mitigation program in M.S. 103F.161.

Project Rationale

Flood mitigation is cost effective. Studies show that every \$1 spent on flood mitigation avoids \$7 in future damages. Past investment in flood mitigation has resulted in a more flood resilient state and significantly decreased flood fighting and recovery costs as evidenced in the 2019 spring flooding. This project continues previous work in this area to reduce flood risk in the most vulnerable areas.

Project Timeline

Projects will be completed within the given time frame.

Other Considerations

Past appropriations for Flood Hazard Mitigation have leveraged significant federal and local dollars, considerably reducing Minnesota's vulnerability to flood losses.

Impact on Agency Operating Budgets

This will have a minimal impact on operating budgets.

Description of Previous Appropriations

L2018, Ch. 214 - Bond, \$20,000,000

L2017, SS1, Ch. 8 - Bond, \$11,555,000

L2015, SS1, Ch. 5 - Bond, \$23,549,000

L2015, SS1, Ch. 5 - Bond, \$2,515,000 (Disaster)

L2015, SS1, Ch. 5 - General Fund, \$500,000 (Disaster)

Project Contact Person

Shannon Lotthammer
Assistant Commissioner
651-259-5021
Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$20 million in general obligation bonds for this request. Also included are budget estimates of \$20 million for each planning period for 2022 and 2024.

Natural Resources

Project Detail

(\$ in thousands)

Flood Hazard Mitigation Grant Assistance Program

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 57,619	\$ 20,000	\$ 20,000	\$ 20,000
General Fund Cash	\$ 500	\$ 0	\$ 0	\$ 0
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 58,119	\$ 20,000	\$ 20,000	\$ 20,000

TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2020	FY 2022	FY 2024
Property Acquisition	\$ 7,000	\$ 3,000	\$ 3,000	\$ 3,000
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 5,500	\$ 1,600	\$ 1,600	\$ 1,600
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 45,619	\$ 15,400	\$ 15,400	\$ 15,400
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
TOTAL	\$ 58,119	\$ 20,000	\$ 20,000	\$ 20,000

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	\$ 20,000	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
Predesign Review (M.S. 16B.335 subd. 3):	
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
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

Lake Vermilion Soudan Underground Mine State Park**AT A GLANCE****2020 Request Amount:** \$16,800**Priority Ranking:** 8**Project Summary:** \$16.8 million is requested in bonding for the Department of Natural Resources (DNR) to develop key recreational amenities at Lake Vermilion Soudan Underground Mine State Park, including a visitor center, campground, camper cabins, and trails.**Project Description**

These funds would enable the DNR to continue design and construction of recreational opportunities and supporting infrastructure at Minnesota's newest state park. Projects include the Lodge Visitor Center; Murray Campground, including campsites with electric hook-ups, and shower facilities; a solar plant to provide renewable energy for the park; internal hiking trails; and associated roads, parking, and amenities.

Project Rationale

The DNR is responsible for providing a wide range of outdoor recreational opportunities. Lake Vermilion State Park was established in 2008 by the Minnesota Legislature, and the Lake Vermilion-Soudan Underground Mine Cooperative Master Plan was completed in December 2010. The goal for development of the park is to provide new nature-based recreational opportunities that will encourage healthy, active lifestyles, and engage increasingly diverse users in a growing appreciation for outdoor activities.

Project Timeline

This project timeline is for design and construction of Murray campground only.

- When design begins - Fall 2020
- When design is finished - Fall 2021
- When construction begins - Spring 2022
- The midpoint of construction - 2023
- When construction is finished - Fall 2024
- When the project opens to the public - Spring 2025

The Lodge Visitor Center, solar plant, internal hiking trails, and associated roads, parking, and amenities will be complete within four years.

Other Considerations

This request focuses on continued investment and development in Minnesota's newest state park.

Impact on Agency Operating Budgets

Upon completion of the new recreational amenities, there will be some additional operating costs, which will be partially offset by revenue from entrance permits, facility rental, camping fees, and

equipment rentals.

Description of Previous Appropriations

L2018 Ch. 214 - Bond, \$4,000,000

L2017 (1st SS), Ch. 8 - Bond, \$3,500,000

Project Contact Person

Shannon Lotthammer
Assistant Commissioner
651-259-5021
Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$5.8 million in general obligation bonds to develop campgrounds at Lake Vermilion Soudan Underground Mine State Park.

Natural Resources

Project Detail

(\$ in thousands)

Lake Vermilion Soudan Underground Mine State Park

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 7,500	\$ 16,800	\$ 11,000	\$ 15,000
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 7,500	\$ 16,800	\$ 11,000	\$ 15,000

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	\$ 1,325	\$ 3,360	\$ 2,200	\$ 3,000
Project Management	\$ 375	\$ 840	\$ 550	\$ 750
Construction	\$ 5,800	\$ 12,600	\$ 8,250	\$ 11,250
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
TOTAL	\$ 7,500	\$ 16,800	\$ 11,000	\$ 15,000

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	\$ 16,800	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?	No
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	No
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	N/A
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

Parks and Trails Local and Regional Grant Program

AT A GLANCE

2020 Request Amount: \$4,000

Priority Ranking: 9

Project Summary: \$4 million in state funds is requested to provide competitive grants to local governments for acquisition and development of local and regional parks and trails across the state.

Project Description

This \$4 million request in state funds is to provide competitive grants to local governments for acquisition and development of local and regional parks and trails across the state. These funds will support park and trail grant programs as established in M.S. 85.019, which establishes four matching grant programs:

- The Outdoor Recreation Grant Program helps local governments acquire, develop and/or redevelop close-to-home outdoor recreation facilities.
- The Regional Park Grant Program helps local governments acquire shoreland, natural areas and threatened habitat, and develop and rehabilitate natural resource-based outdoor recreation facilities of regional significance.
- The Local Trail Connections Grant Program provides grants to local units of government to develop and acquire trail connections to residential areas, schools, workplaces, community centers, recreation areas, trails and parks.
- The Regional Trail Grant Program provides grants to local units of government for development and acquisition of regional trails outside of the metropolitan area.

The grant programs allow the Department of Natural Resources (DNR) to partner with local communities to acquire land and develop parks and trails that help create a network of close-to-home recreation facilities. The request will provide funding for park grants to local communities to acquire approximately 100 acres, develop or redevelop several local and/or regional parks, and also provide funding for about 20 local and regional trail projects.

Project Rationale

This project supports Minnesota’s communities by helping to ensure public access to a high-quality system of local and regional parks and trails. Connecting people to Minnesota’s great outdoors has been identified by the DNR as a strategic direction critical to enhancing community health and wellness.

Project Timeline

Project funds will be granted within the given time frame.

Other Considerations

While Legacy funds have provided additional park and trail building acquisition and development funding to areas of regional significance, these funding sources cannot be used for local parks and

trails. Therefore, bond funding remains one of the only sources of money for the purchase and development of smaller recreational opportunities located within communities.

Impact on Agency Operating Budgets

There will be minimal impact on the operating budget involved in managing the grant process.

Description of Previous Appropriations

n/a

Project Contact Person

Shannon Lotthammer
Assistant Commissioner
651-259-5021
Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$4 million in general obligation bonds for this request. Also included are budget estimates of \$4 million for each planning period for 2022 and 2024.

Natural Resources

Project Detail

(\$ in thousands)

Parks and Trails Local and Regional Grant Program

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 1,400	\$ 4,000	\$ 4,000	\$ 4,000
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 1,400	\$ 4,000	\$ 4,000	\$ 4,000

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	\$ 210	\$ 600	\$ 600	\$ 600
Project Management	\$ 70	\$ 200	\$ 200	\$ 200
Construction	\$ 1,120	\$ 3,200	\$ 3,200	\$ 3,200
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
TOTAL	\$ 1,400	\$ 4,000	\$ 4,000	\$ 4,000

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	\$ 4,000	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?	No
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	No
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

Community Tree Planting Grants

AT A GLANCE

2020 Request Amount: \$2,000

Priority Ranking: 10

Project Summary: \$2 million in state funds is requested for community grants to help mitigate loss or damage of their forest resources due to shade tree pests or disease. Maintaining shade tree coverage is increasingly important for energy efficiency, climate mitigation, and public health.

Project Description

This request for \$2 million in state funds will provide grants to communities to minimize loss or damage of community forest resources by shade tree pests and plant or replace public trees damaged by forest pests.

By the end of the project, grant recipients must demonstrate their commitment to ongoing care by providing the following documents: updated Community Forestry or Shade Tree Ordinance, annual maintenance plan for public trees, community forestry public education plan, and management plan or forest health management plan.

Projects will be evaluated according to how well they: demonstrate commitment to long-term monitoring and management, increase the diversity of tree species, develop and sustain local community forestry programs, and benefit the entire urban forest resource and provide multiple benefits to the community.

Project Rationale

Minnesota community forests are facing imminent threats from exotic invasive pests such as emerald ash borer (EAB), gypsy moth, and oak wilt. At the same time, maintaining shade tree coverage is increasingly important for energy efficiency, climate mitigation, and public health. This program will use past successes of the Minnesota Shade Tree Program and Minnesota ReLeaf Grant Program to increase the capacity of local forestry programs to prepare for these pests, utilize the removed trees, and replant to restore the many benefits of healthy, diverse urban forests.

Project Timeline

The project will be completed within the given time frame.

Other Considerations

Funding reforestation with bond funds is supported in the Constitution of the State of Minnesota, article XI, section 5(f).

Impact on Agency Operating Budgets

There will be minimal impact on operating budgets.

Description of Previous Appropriations

n/a

Project Contact Person

Shannon Lotthammer
Assistant Commissioner
651-259-5021
Shannon.Lotthammer@state.mn.us

Governor's Recommendation

The Governor recommends \$2 million in general obligation bonds for this request.

Natural Resources

Project Detail

(\$ in thousands)

Community Tree Planting Grants

PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2020	FY 2022	FY 2024
State Funds Requested				
General Obligation Bonds	\$ 0	\$ 2,000	\$ 2,000	\$ 2,000
Funds Already Committed				
Pending Contributions				
TOTAL	\$ 0	\$ 2,000	\$ 2,000	\$ 2,000

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	\$ 100	\$ 100	\$ 100
Project Management	\$ 0	\$ 100	\$ 100	\$ 100
Construction	\$ 0	\$ 1,800	\$ 1,800	\$ 1,800
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
TOTAL	\$ 0	\$ 2,000	\$ 2,000	\$ 2,000

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	\$ 2,000	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?	No
Predesign Review (M.S. 16B.335 subd. 3):	
Does this request include funding for predesign?	No
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?	Yes
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)?	Yes
Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 & 6 and 16E.05 subd. 3)?	Yes
Will the project comply with the targeted group purchasing requirement (M.S. 16C.16 subd. 13)?	Yes
Will the project meet public ownership requirements (M.S. 16A.695)?	Yes
Will a use agreement be required (M.S. 16A.695 subd. 2)?	No
Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?	Yes
Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?	Yes
Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2024?	Yes
M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required	Yes
M.S. 473.4485: Guideway Project	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A