



2020 Capital Budget Request

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Public Safety and Asset Preservation

- Taking care of what we have
- Infrastructure that serves the public and community prosperity
- Ensuring efficient DNR operations

Quality of Life

- Equitable access
- Community prosperity
- Preserving Minnesota's natural and cultural heritage

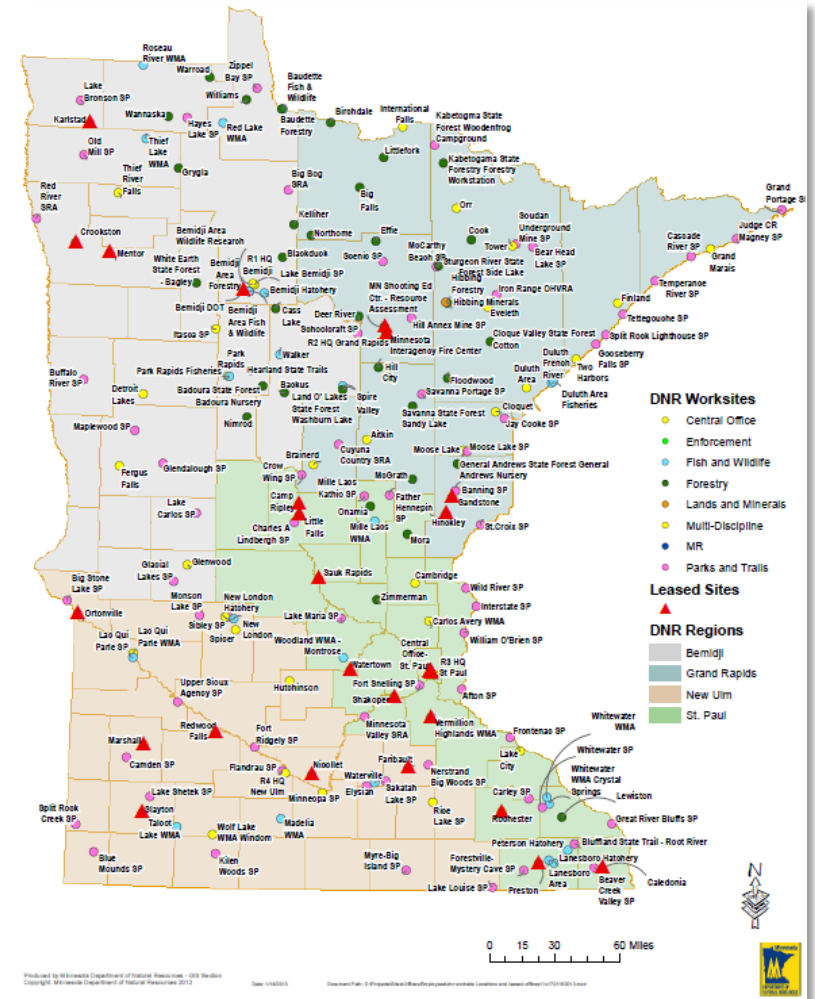
DNR Capital Assets: Diverse



- 5,600 miles of trails
- 2,852 buildings
- 1.3 million acres of WMAs
- 4,500 fishing lakes
- 1,700 public water accesses
- 192,000 acres of SNAs
- 19 fish hatcheries
- 3,300 miles of road
- 468 bridges
- 5,000 campsites
- 5.6 million acres of land
- 1,000 water control structures
- 635 public dams
- 75 state parks and recreation areas
- Two tree nurseries
- 4.2 million acres of forests
- 29,000 building components
- 3,000 culverts
- 85,000 miles of streams, rivers, and water courses

DNR Capital Assets: Extensive and Geographically Dispersed

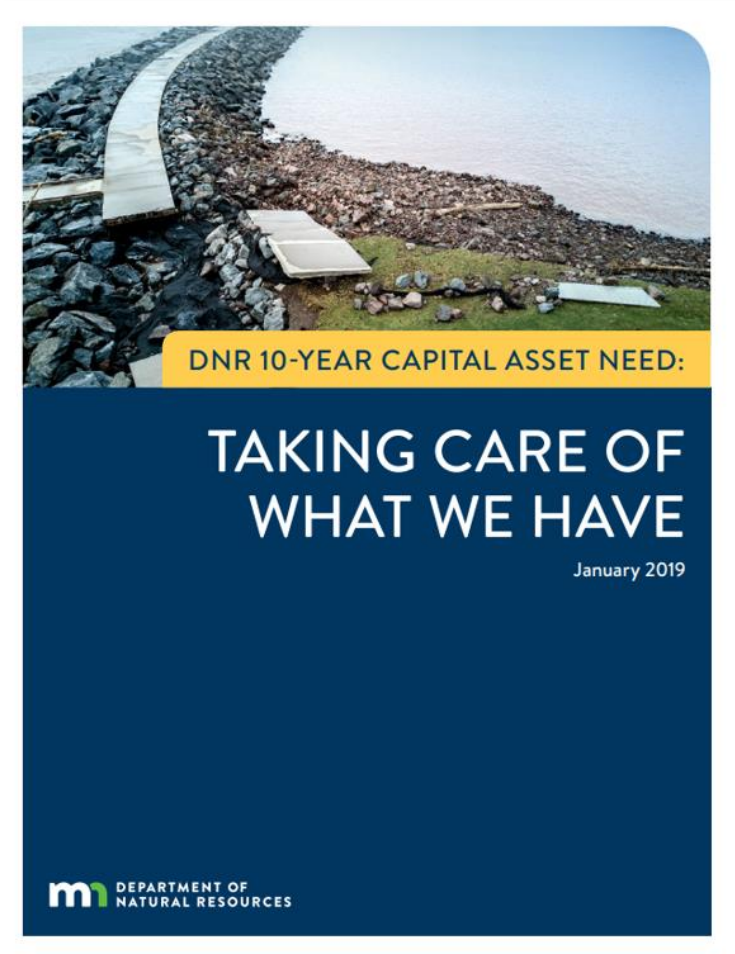
- The DNR is in all 87 counties
- The DNR manages 5.6 million acres of land, which is 11 percent of Minnesota's total land area
- The DNR manages 2,852 buildings
 - 225 work sites (*map to right*)
 - About 30,000 building components
- DNR capital assets are worth about \$3 billion (*based on the Current Replacement Value*)



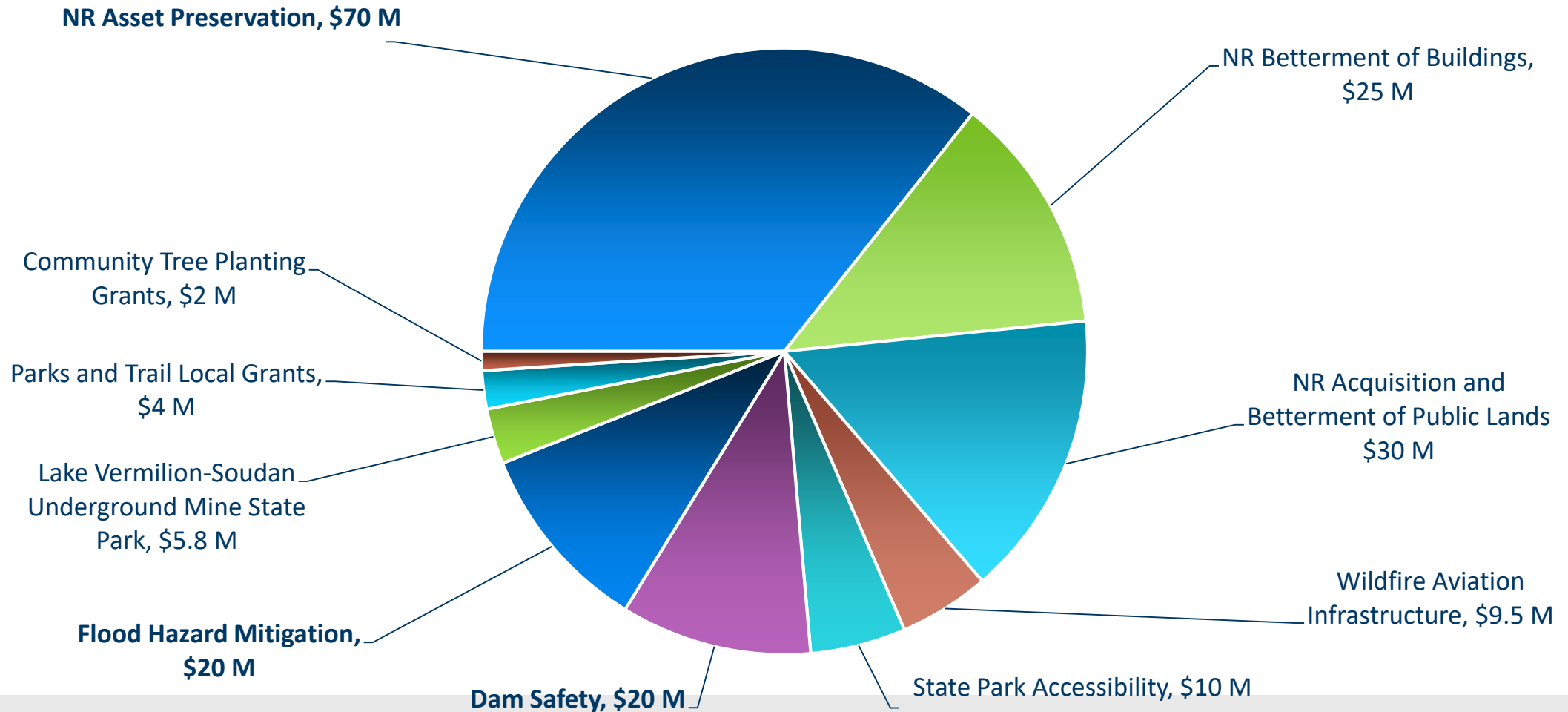
Determining Our Need

- Continuously assessing our assets to identify need
- Use the Department of Administration's Archibus system for buildings
- Need summarized in 10-Year Capital Asset Need report
 - As of December 2018:
 - Deferred maintenance (annualized over 10 years)*: 44.6 million
 - Annual renewal and replacement*: \$111 million
 - Annual Natural Resources Asset Preservation Need: \$155.6 million

**Calculated as a percentage of the current replacement value (CRV) based on the type and life cycle of the asset.*



DNR 2020 Bonding Request Overview



NRAP: Water and Wastewater Systems

- The DNR operates and maintains more than 1,000 individual septic systems and vault toilets
- The DNR also operates 11 wastewater treatment systems
 - Seven in state parks
 - Four at fish hatcheries
- Sewer collection systems and water supply systems are aging and in need of replacement



NRAP: Water Control Structures



- The DNR manages hundreds of dikes, water control structures and fish barriers across the state
- Water control structures provide waterfowl habitat on key shallow lakes and wetlands
- These structures are deteriorating and require repair or replacement to maintain existing investments in the state's fish and wildlife resources

Flood Hazard Mitigation Grant Program



- Supports flood risk reduction projects throughout the state
- Past investment in flood mitigation has resulted in a more flood resilient state, and significantly decreased flood fighting and recovery costs
- Flood mitigation is cost effective — every \$1 spent on flood mitigation avoids \$7 in future damages

- Dams prevent public safety hazards and maintain water levels on rivers and lakes
- Most publicly owned dams are more than 50 years old
- Highest priority is the Lake Bronson Dam, a high-hazard dam
 - High-hazard dams risk loss of life or serious economic loss if failure were to occur
 - Estimate to replace is \$20 million



Thank You!

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