



# 2021 Draft Capital Improvement Program (CIP)

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- 2021 Tentative CIP Schedule
- CIP Summary – All Sections
- Review of CIP Sections
  - Expenses by Category
  - Revenues by Source
  - Major Projects
  - Capital Budget Pressures
- Discussion

# Tentative CIP Schedule



- **September 1:**

Draft 2021 CIP Review and Discussion:

- Buildings/Facilities
- Parks and Greenways
- Transportation
- Transportation Sales Tax
- Regional Railroad Authority
- Environmental Resources
- Byllesby Dam
- Data Networks

- **September 22**

- Draft 2021-2025 CIP Released for Public Comment

- **November 3-6**

- County Board Budget Workshops

- **December 1**

- CIP Public Hearing

- **December 15**

- Proposed adoption of 2021 Operating and Capital Budget

# Capital Improvement Program Summary



Department	2021	% of Total
Buildings/Facilities	\$12,304,298	10%
Parks and Greenways	\$16,201,767	13%
Transportation	\$85,413,552	67%
Transportation Sales and Use Tax	\$8,376,112	7%
Regional Rail Authority	\$62,500	0%
Environmental Resources	\$4,450,000	3%
Byllesby Dam	\$0	N/A
Data Networks	\$1,300,000	1%
<b>Total</b>	<b>\$128,108,229</b>	<b>100%</b>

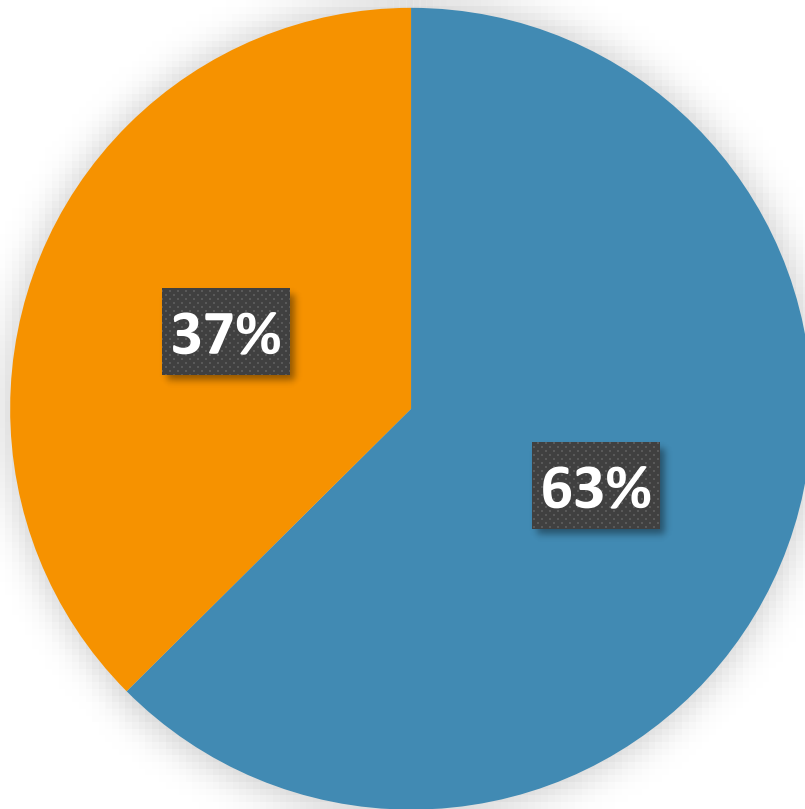
# Buildings/Facilities 2021 Draft CIP



Category	Amount	% Total CIP
Infrastructure Maintenance	\$4,118,500	33%
New Construction	\$4,607,448	37%
Renovation	\$3,578,350	29%
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2021 Total Annual Cost	\$ 12,304,298	100%
2021 County Cost*	\$7,696,850	63%

\* Includes use of General Fund, CPA and Property Taxes

# Buildings/ Facilities 2021 CIP Revenues



## 2021 CIP Revenues

<b>County Funds</b>	<b>\$7,696,850</b>
Levy	\$3,338,405
General Fund Balance	\$4,358,445
<b>State Bonding</b>	<b>\$4,607,448</b>

# Buildings/ Facilities

## Major 2021 Projects by Function



### Infrastructure Maintenance

• Carpet Replacement Program	\$ 531,000
• Roof Replacement Program	\$ 798,500
• Adjustable Workstation Program	\$ 400,000
• LEC Living units Renovations	\$ 540,000
• LEC Intake Garage Dr Renovations	\$ 200,000
• Accessibility Barrier Removal Prgm	\$ 250,000

# Buildings/ Facilities

## Major 2021 Projects by Function



### New Construction

None

### Renovation

New Chance Kitchen Remodel	\$ 250,000
Museum ADA Improvements	\$1,200,000*
UA Bathroom Renovations	\$ 250,000
WSC IAQ resolution	\$ 483,350

\*2020 Funding



# Buildings/ Facilities Capital Budget Pressures



## COVID Related Construction Issues

- Current lack of work causes extreme competition and very good pricing
- Return to average inflation period after pandemic induced slowdown in construction
- Developing the “New Normal” for office space use and future construction to support it

## Largest New Request

- LEC Medical/Mental Health Unit

## MFOS Implementation Phasing

- Move Hasting’s shop operations to Empire; sell Hastings shop
- South Shop site acquisition
  - South Shop design & construction 2023-2025
  - Sale of Farmington Shop site 2026
- Lebanon Hills shop design and construction 2023-2025

# Parks and Greenways 2021 Draft CIP



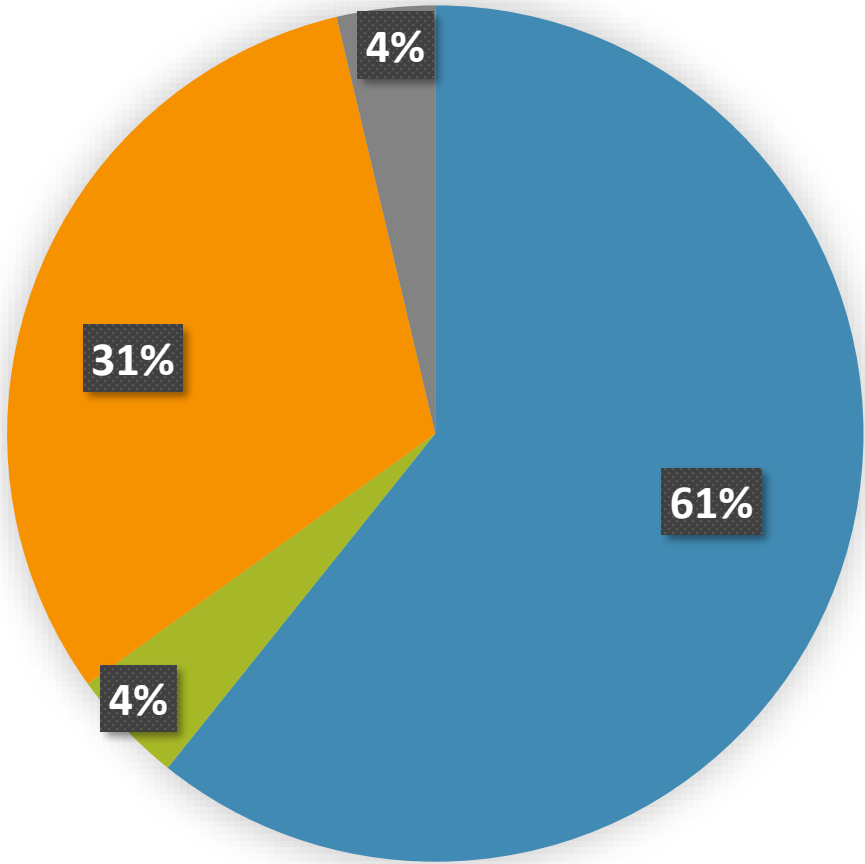
Category	Amount	% Total CIP
Planning	\$200,000	1%
Acquisition	\$4,533,333	28%
General	\$950,000	6%
Greenway Development	\$8,589,148	10%
Park Development	\$250,000	53%
Natural Resources	\$1,679,286	2%
<b>2021 Total Annual Cost</b>		
	<b>\$16,201,767</b>	<b>100%</b>
<b>2021 County Cost*</b>		
	<b>\$9,841,593</b>	<b>61%</b>

\*Includes Levy, CPA, General Fund, 1.00% CIP, Sept. 1, 2020, and Sales and Use Tax

# Parks and Greenways 2021 CIP Revenues



## 2021 CIP Revenues



<b>County Funds</b>	<b>\$9,841,593</b>
Levy	\$191,347
CPA	\$1,516,913
General Fund	\$1,133,333
Interest Earnings	\$1,000,000
ELF	\$5,000,000
Sales and Use Tax	\$1,000,000
<b>City</b>	<b>\$700,000</b>
<b>State</b>	<b>\$5,060,174</b>
AOF	\$3,400,000
PTLF	\$1,100,174
Other Met Council/State	\$560,000
<b>Federal</b>	<b>\$600,000</b>

# Parks and Greenways Major Projects



## Federal Greenway Projects

- Minnesota River GW – Ft. Snelling (2021: \$3.9M; Total \$10.6M)
- North Creek GW – Lakeville/Farmington (2021: \$150k; Total \$1.9M)
- Veterans Memorial GW - Phase 1 (2021: \$2.5M; Total \$5.0M)

## Park Projects

- Natural Resource Improvements (\$1.1M)
- Spring Lake PR Bison Range (\$560k)
- Lebanon Hills RP Campground – Entry Road Safety (\$800k)
- Park & Greenway System Master Plan (\$200k)

# Parks and Greenways Budget Pressures



- Balanced CIP based on available revenues
- Decreases in projected revenue
  - Assumes no State Bonding
  - Reduced Parks & Trails Legacy, Acquisition Opportunity Funds, Federal funds
- Increases in estimated project costs
  - Greenway grade-separated crossings and boardwalks
  - Lebanon Hills campground improvements
- Aging and heavily-used facilities

# Parks and Greenways Budget Pressures



## Strategies

- Complete in-progress projects
- Scale up or re-accelerate projects if bonding occurs
- Backfill shortfalls through reallocations and use of fund balance
- Apply proposed 2040 Transportation cost-share policies

## Draft 2021-2025 Parks CIP

- Maintained
  - Natural Resource Base
  - Minnesota River GW – Ft Snelling
  - Mississippi River GW – Rosemount East
  - North Creek GW – CSAH 42 and Lakeville/Farmington
  - Veterans Memorial GW – Phase 1
  - Thompson County Park
- Reduced
  - Park & Greenway Asset Preservation Program
  - Set-Asides (Planning, Grant Match, Enhancements)
- Delayed
  - Spring Lake Park Reserve MP Improvements
  - Miesville Ravine Park Reserve MP

Improvements

# Transportation Fund 2021 Draft CIP

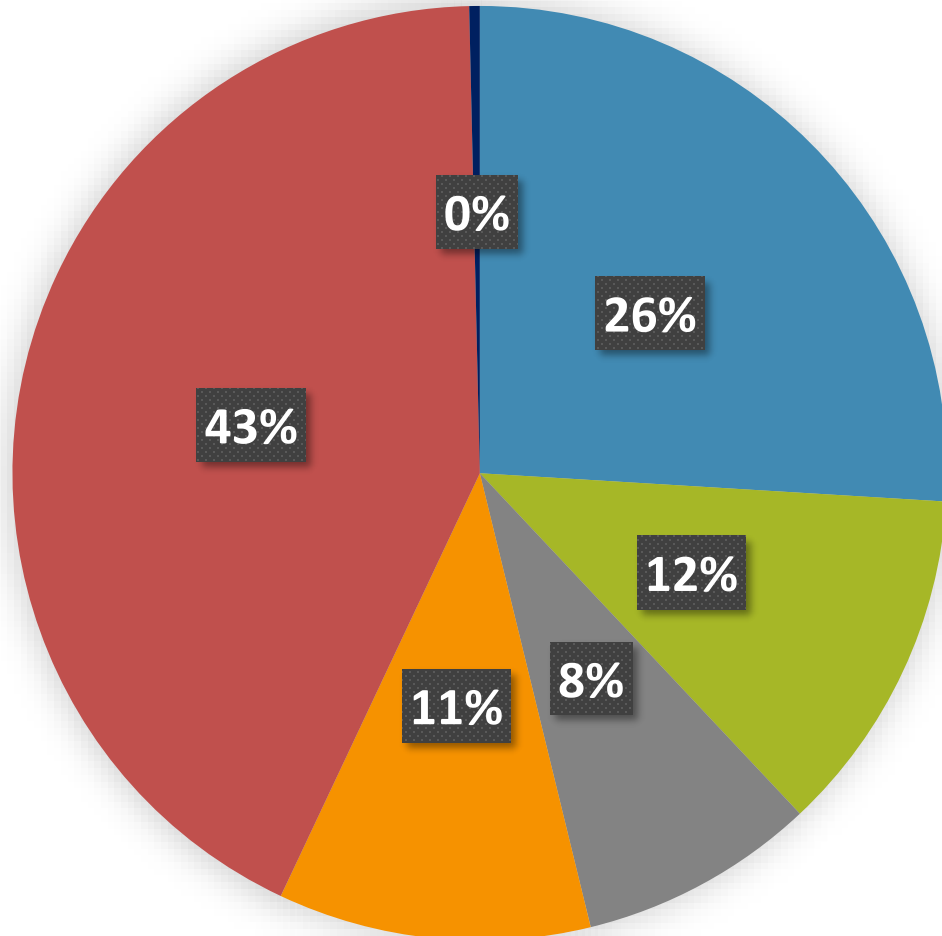


Category	Amount	% Total CIP
Preservation	\$10,560,000	12%
Management	\$24,474,000	29%
Replacement & Modernization	\$15,432,400	18%
Expansion	\$26,156,000	31%
Resources	\$8,791,152	10%
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2021 Total Annual Cost	\$85,413,552	100%
2021 County Cost*	\$58,902,706	69%

\*Includes the use of Wheelage Tax, Gravel Tax, Property Taxes and  
Transportation Fund Balance

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# Transportation Fund 2021 CIP Revenues



## 2021 CIP Revenues

<b>County Funds</b>	<b>\$22,178,529</b>
Fund Balance	\$15,691,392
Levy	\$2,663,387
Wheelage Tax	\$3,823,750
<b>CSAH</b>	<b>\$36,414,177</b>
<b>City</b>	<b>\$10,270,846</b>
<b>State</b>	<b>\$9,240,000</b>
<b>Federal</b>	<b>\$7,000,000</b>
<b>Gravel Tax/Other</b>	<b>\$310,000</b>



# Transportation Fund

## Major 2021 Projects by Goal



### Preservation

- Pavement & gravel resurfacing projects

### Management

- CSAH 30 – School area roundabouts and lane reduction (Eagan)
- CSAH 42 & CSAH 73, traffic signal & median modifications (Rosemount)
- CSAH 23 – 240<sup>th</sup> to 280<sup>th</sup>, right turn lane/bypass (Eureka Twp)

### Replacement & Modernization

- CSAH 88 - Felton Ave. to TH 52 (Randolph Twp)
- CSAH 78 – CSAH 79 to CSAH 49, includes bridge replacement (Castle Rock & Hampton Twp)
- CSAH 80 – Bridge replacement (Castle Rock Twp)

### Expansion

- CSAH 26/63 (Eagan and Inver Grove Heights)

# Transportation Capital Budget Pressures



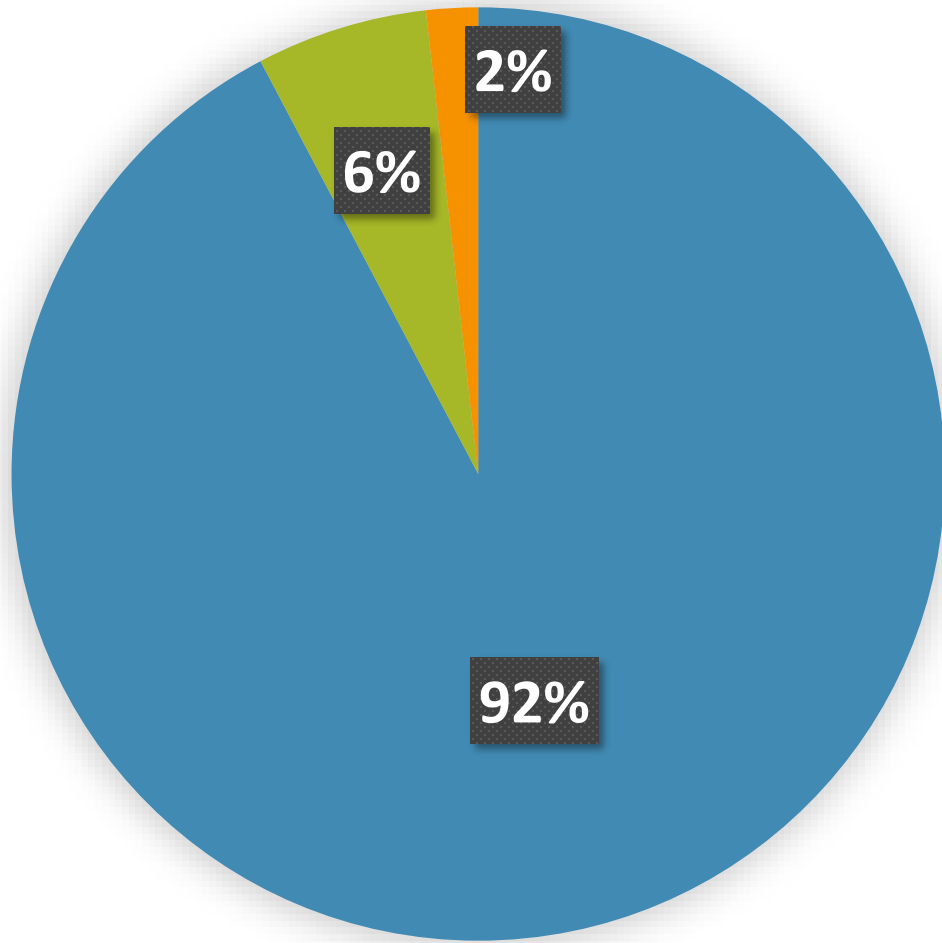
- Accounts For COVID-19 Estimated Funding Impacts
- Regional Solicitation Federal Fund Assumptions
- Assumed Proposed Transportation Plan Cost Share Policy Changes
- City Advance Funding Requests:
  - Hastings, Lakeville and Rosemount
- Additional 2020 CIP Budget Construction Projects:
  - CSAH 70 – CSAH 23 to I 35 (Lakeville)
  - CSAH 86 - CSAH 23 to TH 3 (Castle Rock, Eureka, Greenvale & Waterford Twp)
  - CSAH 91- TH 61 to 210th St (Miesville, Marshall and Douglas Twp)
- Construction Administration Workload – Consultant Assistance
- Sales and Use Tax CIP and Transportation CIP Combined Documents
- Sales and Use Tax Revised List of Eligible Projects and Public Hearing
- Uncertainty of MnDOT Trunk Highway Preliminary Engineering study funding timeframes

# Sales and Use Tax Fund 2021 Draft CIP



Category	Amount	% Total CIP
Expansion	\$3,025,000	36%
Management	\$3,830,000	46%
Resources	\$1,121,112	13%
Transit	\$400,000	5%
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2021 Total Annual Cost	\$8,376,112	100%
2021 County Cost	\$7,729,112	92%

# Sales and Use Tax Fund 2021 CIP Revenues



2021 CIP Revenues

County Funds	\$7,729,112
City	\$497,000
State	\$150,000

# Sales and Use Tax Fund Major 2021 Projects



## Management

- Trunk Highway 3 Project Scoping Study (Eagan, Inver Grove Heights, Rosemount)
- TH 316 safety and mobility improvements (Hastings)
- CSAH 42 safety and capacity improvements (Burnsville, Apple Valley, Rosemount)
- Minnesota Greenway Trail – Fort Snelling segment

## Expansion

- I-35 MnPASS Project Scoping Study (Burnsville, Lakeville)
- CSAH 46 - 2 to 4 Lane Expansion - TH 3 to TH 52 (Rosemount/Empire)

## Transit

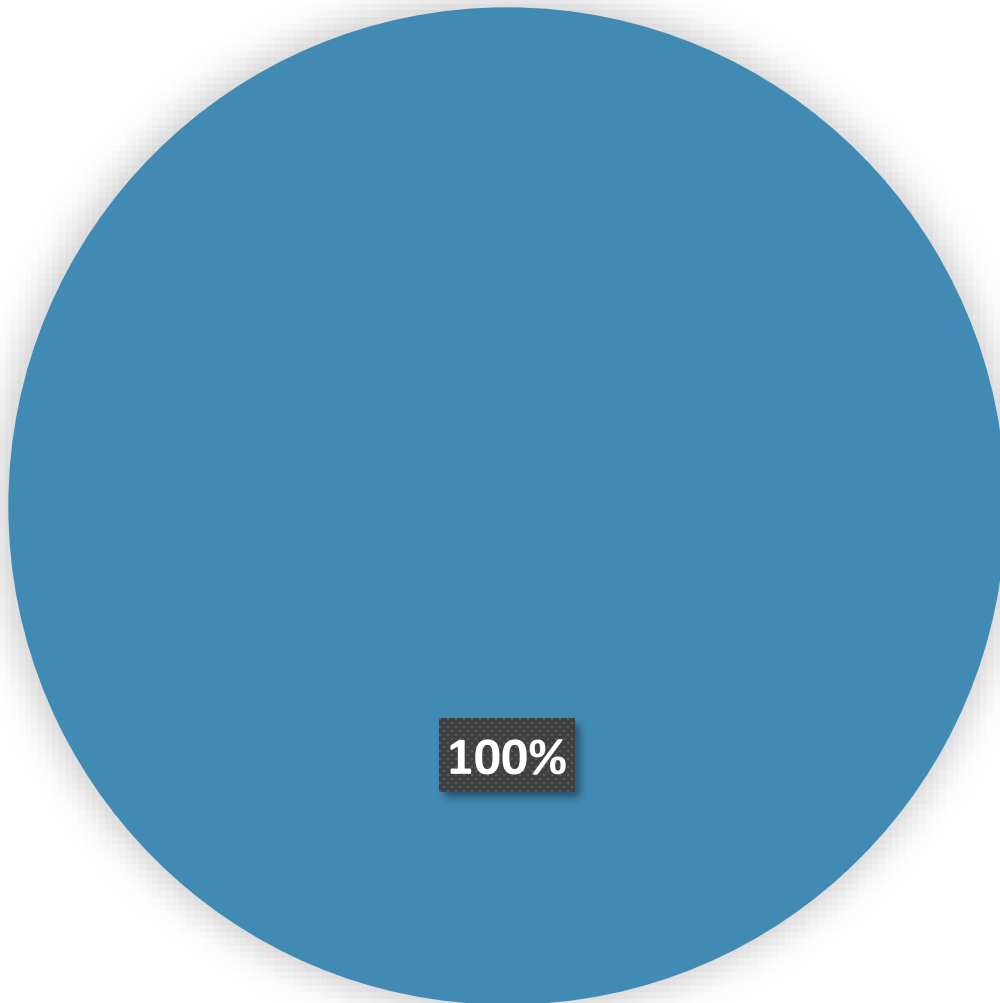
- Burnsville and Eagan Transit Station Modernization (dependent on regional solicitation)

# Regional Railroad Authority 2021 Draft CIP



Category	Amount	% Total CIP
Operations	\$30,000	48%
Resources	\$32,500	52%
2021 Total Annual Cost	\$62,500	100%
2021 County Cost	\$62,500	100%

# Regional Railroad Authority 2021 CIP Revenues



## 2021 CIP Revenues

County Funds

\$62,500

# Regional Railroad Authority Major 2021 Projects



- Orange Line Phase I Operations
- Reimbursement to Transportation Operations



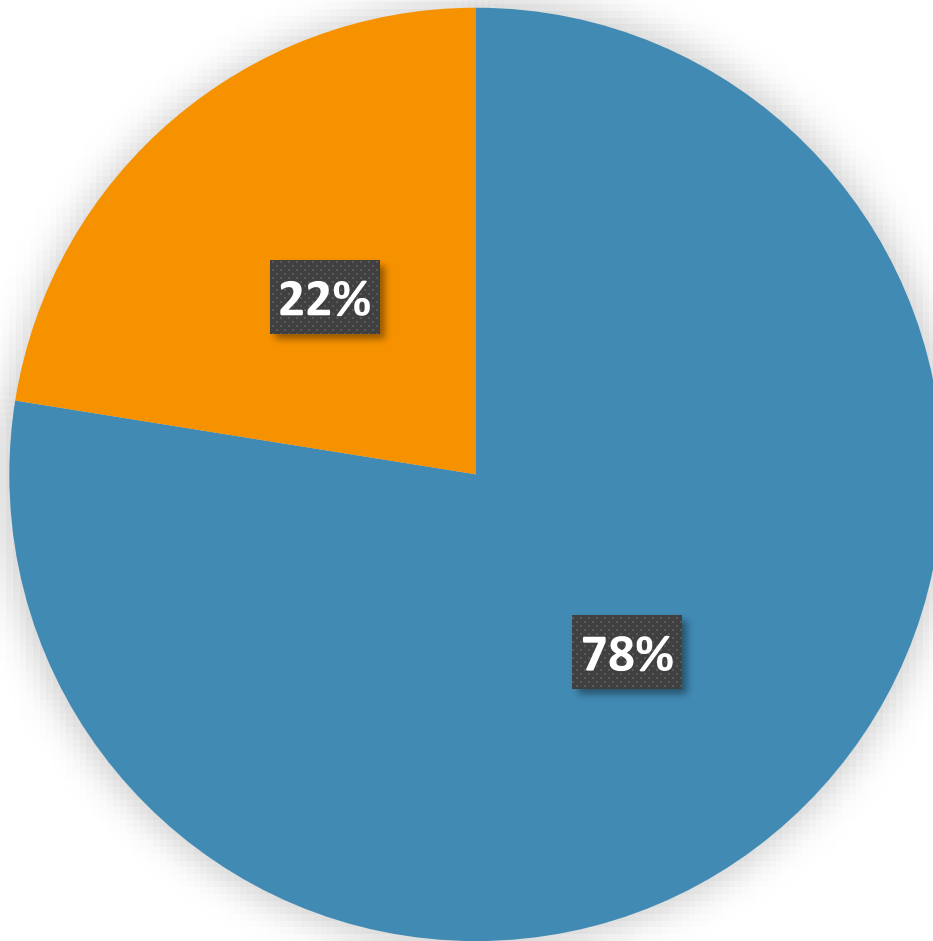
# Environmental Resources 2021 Draft CIP



Category	Amount	% Total CIP
Wetlands and Water Retention	\$1,800,000	40%
Water Quality Capital Projects	\$350,000	8%
Thompson Oaks Wetland Restoration	\$1,800,000	40%
Environmental Assessment and Remediation	\$500,000	12%
2021 Total Annual Cost	\$4,450,000	100%
2021 County Cost*	\$3,450,000	78%

\*Includes the use of ELF  
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# Environmental Resources 2021 CIP Revenues



2021 CIP Revenues

County Funds	\$3,450,000
State	\$1,000,000

# Environmental Resources

## Major 2021 Projects



### Wetland Restoration/Water Retention

- Acquire, construct and restore wetlands to improve surface and ground water quality, improve wildlife habitat and reduce flooding

### Water Quality Capital Projects

- Partner to install best management practices to improve water quality

### Thompson Oaks Wetland Restoration, Water Quality Improvement, and Contamination Remediation Project

- Partner with City of West St. Paul to restore wetland/creek, remediate solid waste contamination, and enhance new section of regional greenway on former municipal golf course

### Environmental Assessment and Remediation

- Investigate and remediate contaminated sites to reduce environmental risk and improve public health

## State grant approvals and matching requirements

- Thompson Oaks – MN Board of Water and Soil Resources Clean Water Fund Grant secured
  - 25% match shared by Dakota County (ELF) and City of West St. Paul
  - Seeking additional state funding to drive down County costs
- Wetlands Restoration/Water Retention – seeking State Environment and Natural Resources Trust Fund (ENRTF) and Outdoor Heritage Fund (OHF) dollars

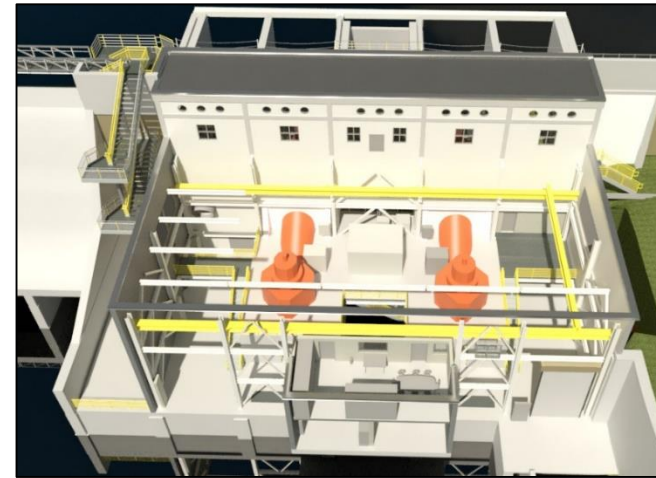
# Byllesby Dam Turbine Upgrade Project Update



## Phase 1 – Initial Work (July 7, 2020)

- Mobilization/Site Preparation/Crane Pads
- Lead Paint Abatement inside Powerhouse (from Env Res CIP)
- Concrete Mass Fill of Back Bays (Structural Stability)
- Procurement of Items with long lead times
  - Precast Walls, Windows, Interior Crane, Mechanical Gates, Etc.

Phase 1 not to exceed current approved CIP budget



## Phase 2 – Remaining Construction Tasks (Award in Q4 2020):

All remaining project tasks to be completed in this phase

- Demolition of Powerhouse
- Construction of Powerhouse
- Installation of Equipment
  
- Financial Discussion w/ County Board – August 2020
- Tentative Project Completion Date – Q2 2022

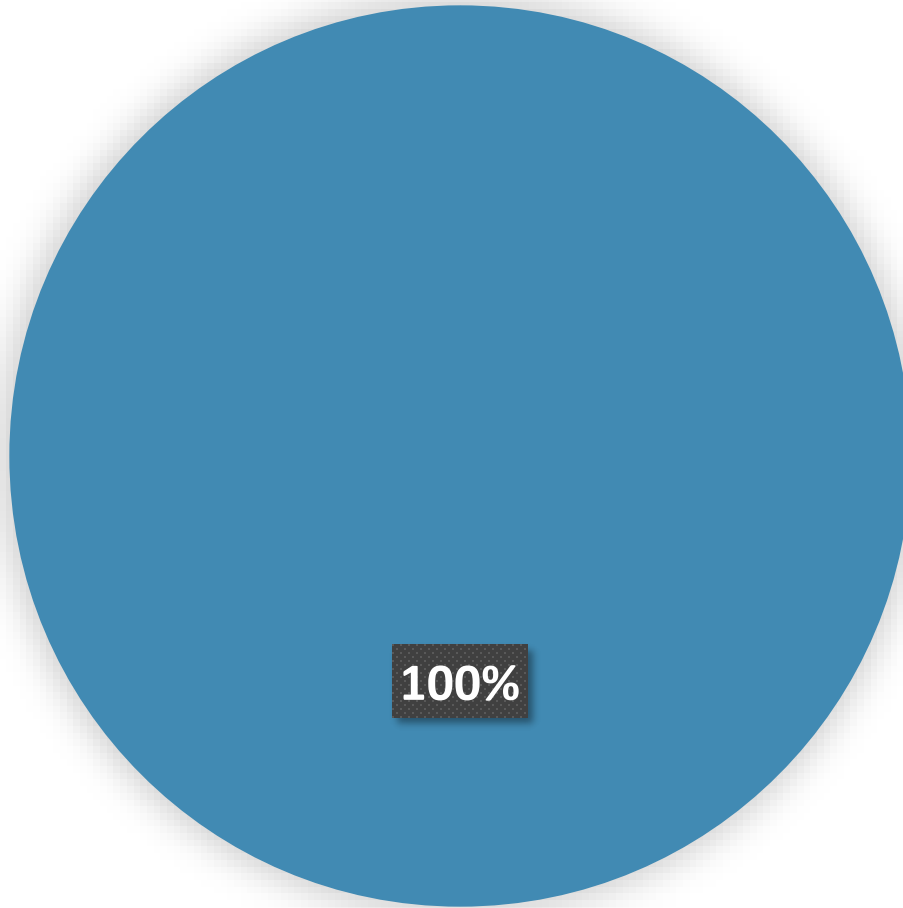


# Data Networks 2021 Draft CIP



Category	Amount	% Total CIP
Modifications/Repairs	\$750,000	58%
New Construction	\$550,000	42%
2021 Total Annual Cost	\$1,300,000	100%
2021 County Cost	\$1,300,000	100%

# Data Networks CIP Revenues



## 2021 CIP Revenues

County Funds

\$1,300,000



# Data Networks

## Major 2021 Projects by Function



### Internal Dakota Exclusive Projects

- Transportation and Parks as customers - \$550,000
- Fiber optic relocation, break fixes and fiber increases - \$750,000



# Data Networks Capital Budget Pressures



- Gaps in Institutional Network
- Engineering Resources
- Legal and Documentation Resources

# Discussion

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