

# City of Duluth Minnesota - 2022 Budget

## Capital Improvement Plan

The City of Duluth's Capital Budget and Plan addresses current and future improvements to the City's infrastructure, facilities, and properties by combining elements of both budgeting (current year needs) and planning (five-year plan). The purpose of the capital budget is two-fold: first, to prioritize and fund the most urgent needs in the coming year's budget; and second, to identify future capital needs with sufficient lead-time so decisions may be made to the City's best advantage.

The City's capital budget includes capital improvement projects to City infrastructure, such as facility enhancements and expansion, upgrades to parks and trails, and improvements to streets and utilities. Also included in the capital budget are capital equipment rolling stock, such as public safety and maintenance vehicles, and non-rolling stock such as technology and public safety equipment. This section presents a summary of the 2022 capital improvement budget and the 2022 through 2026 capital improvement plans.

### 2022 Proposed Improvements

The 2022 capital improvement program outlines total proposed projects in the amount of \$78,822,002 funded through various sources including bonding, State bonding, City Tourism Tax bonding, the Parks fund, the ½ and ½ tax, state and federal grants, the Permanent Improvement fund levy, the Street System Maintenance levy, Street Lighting Levy, the local sales tax dedicated to streets (.5%) and utilities revenue. Included in the capital improvement budget are projects for facilities, state bonding projects, parks and trails, streets and bridges, and the Water, Gas, Sewer, Stormwater and Street Lighting utilities.

To identify funded projects, the City looks at both organizational needs and facility needs. The City then generates reports from the asset management and work order systems to define facility system end of life cycle issues. These projects are identified in collaboration between the project management team and the building maintenance team. The City tries to balance operational needs with maintaining asset integrity and addressing pressing end of life cycle issues. These recommended projects are then brought to the City Council for final approval.

Capital improvements to city buildings and infrastructure will be funded by issuing a capital improvement bond in the amount of \$1,800,000.

State Bonding Projects are to be funded by Federal Funding totaling \$2,625,000, State Bonds totaling \$13,500,000 and Other City Funding totaling \$5,500,000 for a combined total of \$21,625,000.

Parks and trails are to be funded by federal grants totaling \$2,903,726; ARPA Funding totaling \$250,000; state grants totaling \$1,455,307; St Louis River Corridor bond proceeds (½ and ½ tax) of \$1,488,430; other Grants and Donations totaling \$8,025,138; Other City funding of \$625,000 and the Parks fund contribution of \$1,807,613 for a combined program total of \$16,555,214.

# City of Duluth Minnesota - 2022 Budget

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## Capital Improvement Plan

The Street and Bridge Improvement and Preservation program for 2022 totals \$27,336,788. Funding sources include \$3,213,788 from aids and grants, \$1,250,000 from State Bond, \$12,525,000 from State Bonding requests, \$280,000 from property tax dollars levied in the Permanent Improvement fund, \$7,250,000 from the local sales tax dedicated to street improvement (.5%), \$1,212,000 from the Street System Maintenance levy, \$390,000 from the Street Lighting Fund and \$1,216,000 from other City funding sources.

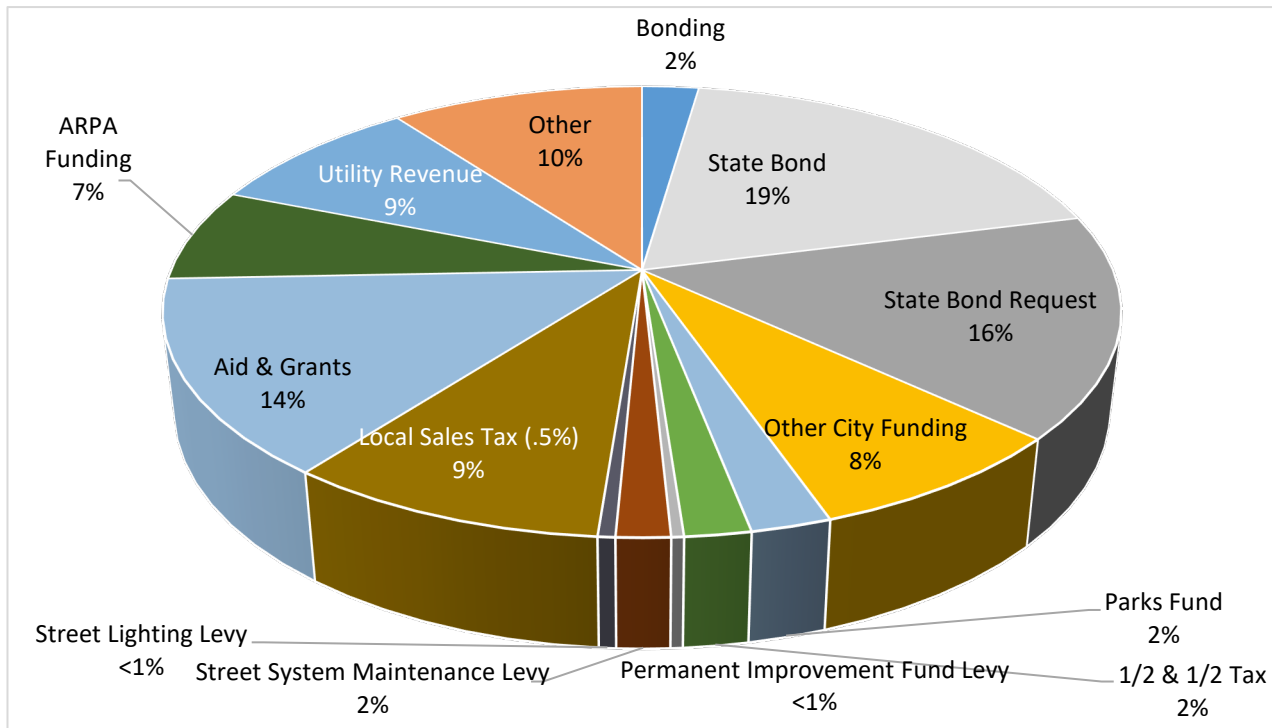
2022 Capital Utility Projects total \$11,505,000 and will be funded using \$5,000,000 from ARPA Funding and \$6,505,000 from utility revenue.

# City of Duluth Minnesota - 2022 Budget

## Capital Improvement Plan

### 2022 Funding Sources

Bonding	1,800,000
State Bond	14,750,000
State Bond Request	12,525,000
Other City Funding	6,125,000
Parks Fund	1,807,613
1/2 & 1/2 Tax	1,488,430
Permanent Improvement Fund Levy	280,000
Street System Maintenance Levy	1,212,000
Street Lighting Levy	390,000
Local Sales Tax (.5%)	7,250,000
Aid & Grants	10,998,821
ARPA Funding	5,250,000
Utility Revenue	6,920,000
Other	8,025,138
<b>Total</b>	<b>78,822,002</b>



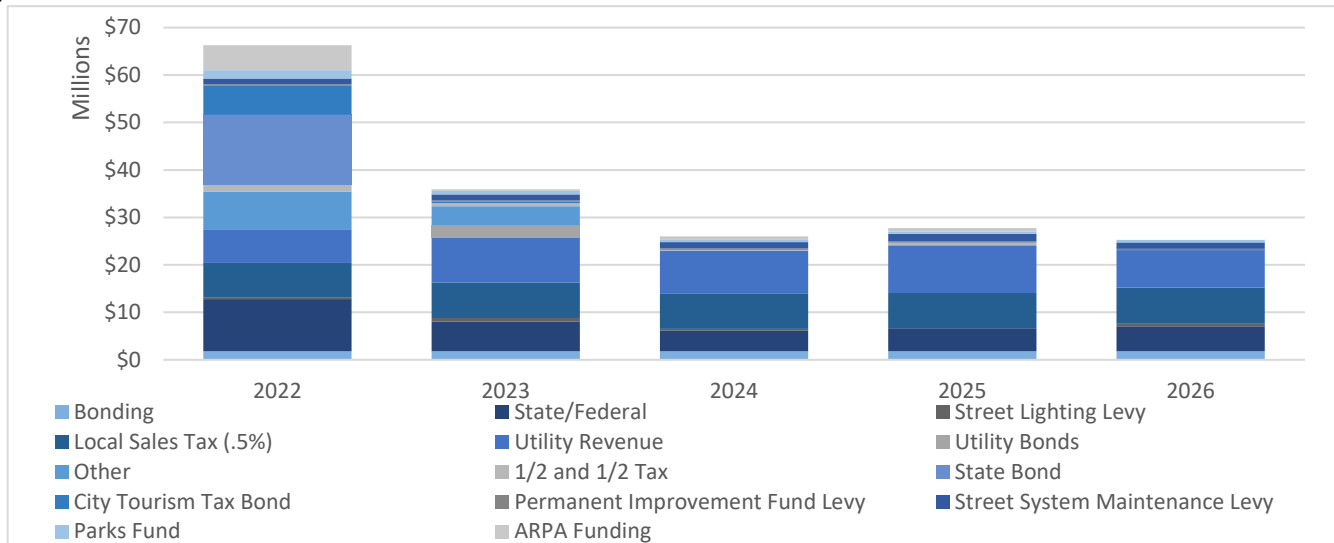
# City of Duluth Minnesota - 2022 Budget

## Capital Improvement Plan

### 5 Year Funding Sources

#### Five Year Improvement Plan Funding

The City has identified \$193.8 million in improvements along with funding sources over the course of the next five years. The City will bond for certain types of improvements as allowed in State Statute. As can be seen below, over the next five years, the City is proposing to bond for a total of \$18.07 million in capital improvements. Shown in the chart below are the funding sources by year for the five-year capital improvement plan.



	2022	2023	2024	2025	2026	Total
Bonding	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	9,000,000
State Bond	14,750,000	-	-	-	-	14,750,000
State Bond Request	12,525,000	-	-	-	-	12,525,000
City Tourism Tax Bond	6,125,000	271,750	25,000	25,000	25,000	6,471,750
State/Federal	10,998,821	6,250,000	4,325,000	4,860,000	5,250,000	31,683,821
ARPA Funding	5,250,000	302,000	723,000	725,000	-	7,000,000
Permanent Improvement Fund Levy	280,000	280,000	280,000	280,000	280,000	1,400,000
Street System Maintenance Levy	1,212,000	1,300,000	1,300,000	1,500,000	1,300,000	6,612,000
Street Lighting Levy	390,000	760,000	400,000	-	700,000	2,250,000
Local Sales Tax (.5%)	7,250,000	7,500,000	7,500,000	7,400,000	7,500,000	37,150,000
Utility Revenue	6,920,000	9,457,500	8,962,500	10,097,500	7,860,000	43,297,500
Utility Bonds	-	2,600,000	-	-	-	2,600,000
Parks Fund	1,807,613	735,000	525,000	525,000	525,000	4,117,613
Other	8,025,138	4,000,000	6,600	-	-	12,031,738
1/2 and 1/2 Tax	1,488,430	651,700	175,000	567,500	-	2,882,630
<b>Total Plan</b>	<b>78,822,002</b>	<b>35,907,950</b>	<b>26,022,100</b>	<b>27,780,000</b>	<b>25,240,000</b>	<b>193,772,052</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022 Funding Sources by Project

<b>Facilities</b>	<b>Bond</b>				
CIP Eligible Capital Maintenance					
Building Improvements/COVID Studies	300,000				
Maintenance Buildings Improvements	250,000				
Civic Buildings (CCW/City Hall/Library)	1,250,000				
<b>Total</b>	<b>1,800,000</b>				

<b>Parks and Trails</b>	<b>Parks Fund</b>	<b>1/2 &amp; 1/2 Tax</b>	<b>Aids/Grants</b>	<b>Other</b>	<b>ARPA Funding</b>
St. Louis River Land Conveyance	240,000	-	-	4,200,000	-
St. Louis River Natural Area Land Acquisition	30,000	-	900,000	2,800,000	-
Lincoln Park Restoration	587,500	810,000	1,092,026	186,575	-
Hartley Legacy Project	266,113	-	905,782	838,563	-
Spirit Landing Project	-	375,000	250,000	-	-
Enger Golf Course Renovation	-	-	-	500,000	-
Projects	-	-	-	-	250,000
Parks Strategic Master Plan	80,000	-	-	-	-
Neighborhood Parks	25,000	54,430	-	-	-
Signage & Wayfinding	100,000	-	-	-	-
Sustainable Infrastructure	237,000	-	-	25,000	-
Lakewalk Shoreline Improvements	-	-	-	100,000	-
Brighton Beach Park Restoration and Lakewalk Extension	127,000	-	500,000	-	-
Waabisheshikana (The Marten Trail) Storm Damage Repair & Extension	-	-	487,000	-	-
Grand Avenue Nordic Center – Phase II	-	50,000	224,225	-	-
Cross City Trail- Irving Park to Greene Street	-	199,000	-	-	-
Other Trail Improvements	115,000	-	-	-	-
<b>Total</b>	<b>1,807,613</b>	<b>1,488,430</b>	<b>4,359,033</b>	<b>8,650,138</b>	<b>250,000</b>

<b>State Bonding Projects</b>	<b>State Bond</b>	<b>Other City Funding</b>	<b>Federal Funding</b>
Seawall & Surface Improvements	13,500,000	5,500,000	2,625,000
<b>Total</b>	<b>13,500,000</b>	<b>5,500,000</b>	<b>2,625,000</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022 Funding Sources by Project

Street & Bridge Reconstruction and Preservation Program	Permanent Improvement		Street Mtc Levy/Local		State Bond/Request
	Fund Levy	Aids/Grants	Sales Tax	Other	
Aerial Lift Bridge Painting and Misc. Structural Repairs	-	840,000	-	-	12,000,000
Brighton Beach Rd Reconstruction	-	801,000	349,000	-	-
Lakewood Rd Reclaim (with County)	-	-	350,000	-	-
St. Andrews Bridge Replacement at Tischer Creek	200,000	-	-	-	525,000
21st Av E Reconditioning London Rd to Woodland Ave	-	-	1,300,000	300,000	1,250,000
Replacement (City share of County Projects)	-	-	-	90,000	-
Arrowhead Rd & Woodland Ave Signal Replacement (City Share of Cty project)	-	225,000	-	-	-
Arrowhead Rd Mill & Overlay (w/County)	-	925,000	-	-	-
Glenwood & Snively Intersection Improvements (County)	-	923,788	-	-	-
Engineering for 2023 Federal project	-	300,000	-	-	-
Street Preservation (Various Locations)	-	-	6,363,000	-	-
Patch Project	60,000	-	-	415,000	-
Sidewalks	20,000	-	100,000	-	-
<b>Total</b>	<b>280,000</b>	<b>4,014,788</b>	<b>8,462,000</b>	<b>805,000</b>	<b>13,775,000</b>
<b>Capital Utility Projects</b>	<b>Utility Rev/Bond</b>	<b>ARPA Funding</b>			
Cathodic Protection System on 42-inch steel construction	10,000	-			
East 2nd St	-	-			
Hidden Valley Phase 2 water main	25,000	1,400,000			
Lead Service Line Revolving Loan Fund	-	2,000,000			
Lead Service Replacement	-	1,600,000			

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022 Funding Sources by Project

	Utility Rev/Bond	ARPA Funding
<b>Capital Utility Projects Continued</b>		
Lead Service Replacement (Misc)	30,000	-
Morris Thomas Rd. (with County)	1,260,000	-
Water Mains and Services (By Ops)	15,000	-
3rd St, Vernon St, 2nd St Alley	200,000	-
Building shell at Stora Enso	140,000	-
Patch Projects	10,000	-
Street Projects	280,000	-
Gas Blanket Project	1,500,000	-
Meter relocations/bollards	250,000	-
Michigan Street 10-inch	120,000	-
Steel main replacements	440,000	-
Upgrading of Upper Woodland	5,000	-
Clarkhouse Creek	100,000	-
Citywide sanitary sewer	1,425,000	-
Lift Station rehabilitation	450,000	-
Citywide manhole adjustments	100,000	-
Non-Capital storm projects	145,000	-
<b>Total</b>	<b>6,505,000</b>	<b>5,000,000</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 5 Year Project Summary

<b>Facilities</b>	2022	2023	2024	2025	2026	Total
CIP Eligible VFA Building Improvements	300,000	375,000	520,000	600,000	500,000	2,295,000
Facilities Building Improvements	-	-	-	415,000	-	415,000
Fleet Building Improvements	-	-	-	35,000	-	35,000
42nd Tool House Improvements	-	-	-	-	300,000	300,000
40th Tool House Improvements	-	250,000	-	-	-	250,000
Tree Farm/Riley Road Improvements	250,000	-	-	-	-	250,000
City Center West Improvements	-	500,000	-	-	100,000	600,000
City Hall Improvements	1,250,000	250,000	250,000	400,000	400,000	2,550,000
Library Improvements	-	425,000	-	-	-	425,000
Firehall #1 Improvements	-	-	300,000	-	250,000	550,000
Firehall #2 Improvements	-	-	250,000	-	-	250,000
Firehall #4 Improvements	-	-	200,000	-	-	200,000
Firehall #7 Improvements	-	-	-	100,000	-	100,000
Firehall #10 Improvements	-	-	280,000	250,000	-	530,000
Public Safety Building (Police)	-	-	-	-	250,000	250,000
<b>Facilities Total</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>9,000,000</b>
<b>Parks and Trails</b>	2022	2023	2024	2025	2026	Total
St. Louis County Tax Forfeit Land Conveyance	4,440,000	-	-	-	-	4,440,000
St. Louis River Natural Area Land Acquisition	3,730,000	-	-	-	-	3,730,000
Lincoln Park Restoration	2,676,101	-	-	-	-	2,676,101
Hartley Legacy Project	2,010,458	-	-	-	-	2,010,458
Spirit Landing Project	625,000	-	-	-	-	625,000
Enger Golf Course Renovation	500,000	4,000,000	-	-	-	4,500,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 5 Year Project Summary

<b>Parks and Trails Continued</b>	2022	2023	2024	2025	2026	Total
Lester Park Golf Course- public planning process	-	75,000	-	-	-	75,000
ARPA Projects	250,000	302,000	723,000	725,000	-	2,000,000
Parks Strategic Master Plan Memorial Park MMP Implementation	80,000	-	-	-	-	80,000
Neighborhood Parks	-	-	85,000	510,000	-	595,000
Signage & Wayfinding	79,430	235,000	221,600	127,500	150,000	813,530
Sustainable Infrastructure	100,000	-	100,000	80,000	100,000	380,000
Other Park Improvements - TBD	262,000	170,000	210,000	210,000	185,000	1,037,000
Lakewalk Improvements	-	-	-	-	25,000	25,000
Brighton Beach Park Restoration and Lakewalk Extension	100,000	-	75,000	-	-	175,000
Waabisheshikana (The Marten Trail) Extension	627,000	50,000	-	-	-	677,000
Grand Avenue Nordic Center – Phase II	487,000	420,000	-	-	-	907,000
Cross City Trail - Irving Park to Greene Street	274,225	-	-	-	-	274,225
St. Louis River Estuary Water Trail Improvements	199,000	931,500	-	-	-	1,130,500
Amity Creek Multi-Purpose Trail	-	100,000	-	-	-	100,000
Trailhead Improvements/Parking	-	10,000	-	-	-	10,000
Other Trail Improvements	-	-	-	125,000	-	125,000
<b>Parks and Trails Total</b>	115,000	56,950	40,000	65,000	90,000	366,950
<b>Parks and Trails Total</b>	16,555,214	6,350,450	1,454,600	1,842,500	550,000	26,752,764
<b>State Bonding Projects</b>	2022	2023	2024	2025	2026	Total
Seawall & Surface Improvements	21,625,000	-	-	-	-	21,625,000
<b>State Bonding Projects Total</b>	21,625,000	-	-	-	-	21,625,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 5 Year Project Summary

<b>Street &amp; Bridge Reconstruction and Preservation Program</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Aerial Lift Bridge Painting and Misc. Structural	12,840,000	-	-	-	-	12,840,000
Brighton Beach Rd Reconstruction	1,150,000	-	-	-	-	1,150,000
Lakewood Rd Reclaim (with County)	350,000	-	-	-	-	350,000
St. Andrews Bridge Replacement at Tischer Creek	725,000	-	-	-	-	725,000
21st Ave E Reconditioning London Rd to Woodland Ave	2,850,000	-	-	-	-	2,850,000
Engineering for Next Year's Federal Project	300,000	300,000	300,000	300,000	300,000	1,500,000
Federal Projects TBD	-	-	-	-	1,850,000	1,850,000
Snively Rd & Woodland Ave Signal Replacement (City)	90,000	-	-	-	-	90,000
Arrowhead Rd & Arrowhead Rd Mill & Overlay (w/County)	225,000	-	-	-	-	225,000
Glenwood & Snively Intersection Improvements	925,000	-	-	-	-	925,000
Street Preservation (Various Locations)	923,788	-	-	-	-	923,788
3rd St Recondition- Mesaba Ave to 12th Ave E	6,363,000	11,700,000	10,575,000	8,400,000	10,500,000	47,538,000
Cross City Trail Segment 3- Irving Park to Keenes Creek Park	-	2,500,000	-	-	-	2,500,000
Gogebic Creek/Steel Creek (MNDOT)	-	810,000	-	-	-	810,000
MNDOT ADA upgrades along I-35 ramps 68th Ave W to 26th Ave E (City Match)	-	290,000	-	-	-	290,000
	-	-	200,000	-	-	200,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 5 Year Project Summary

<b>Street &amp; Bridge Program Continued</b>	2022	2023	2024	2025	2026	Total
Railroad St -Canal Park Dr to 5th Ave W	-	-	2,250,000	-	-	2,250,000
Garfield Ave and Port Terminal Reconditioning Engineering NHS Federal 2025 project	-	-	100,000	360,000	-	460,000
Lake Ave/Canal Park Dr/Buchanan St Reconditioning	-	-	-	2,600,000	-	2,600,000
London Rd 26th Ave E to 60th Ave E (MNDOT)	-	-	-	2,000,000	-	2,000,000
Central Ent Reconstuction (MNDOT project)	-	-	-	-	1,700,000	1,700,000
Mesaba Ave Turn Lane/Signal 1st St (MNDOT)	-	-	-	-	300,000	300,000
Patch Project	475,000	475,000	475,000	475,000	475,000	2,375,000
Misc Annual Infrastructure	-	200,000	200,000	200,000	200,000	800,000
Sidewalks	120,000	120,000	120,000	120,000	120,000	600,000
<b>Street, Bridge, and Preservation Total</b>	<b>27,336,788</b>	<b>16,395,000</b>	<b>14,220,000</b>	<b>14,455,000</b>	<b>15,445,000</b>	<b>87,851,788</b>
<b>Capital Utility Projects</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
1st St E: 9th Ave E to 12th Ave E	-	-	202,500	-	-	202,500
40th Avenue West (County)	-	-	600,000	-	-	600,000
4th Street water main, 6th	-	-	-	200,000	-	200,000
5th Street water main, 6th Ave East to Mesaba Ave	-	-	-	1,100,000	-	1,100,000
6th Ave East- 3rd St to 6th St	-	157,500	-	-	-	157,500
Cathodic Protection System on 42-inch steel construction	10,000	80,000	80,000	-	-	170,000
Duluth Heights Phases #1 and #2	-	490,000	-	-	-	490,000
Duluth Heights #3	-	-	-	-	1,000,000	1,000,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 5 Year Project Summary

<b>Capital Utility Projects Continued</b>	2022	2023	2024	2025	2026	Total
Electrical upgrades at WTP	-	-	-	1,500,000	-	1,500,000
Far East Superior Street	-	300,000	300,000	700,000	-	1,300,000
Fascia repairs at main WTP pump building	-	100,000	-	-	-	100,000
Hidden Valley Phase 2 water main replacement	1,425,000	-	-	-	-	1,425,000
Lead Service Line Revolving Loan Fund	2,000,000	-	-	-	-	2,000,000
Lead Service Replacement (ARP Funded)	1,600,000	-	-	-	-	1,600,000
Lead Service Replacement (Misc)	30,000	-	-	-	-	30,000
MNDOT Gogebic Creek	-	200,000	-	-	-	200,000
MNDOT TH23 Mission Creek Bridge	-	650,000	-	-	-	650,000
MNDOT US Steel Creek	-	120,000	-	-	-	120,000
Morris Thomas Rd. (with County)	1,260,000	20,000	-	-	-	1,280,000
Pump #4 Study	-	-	-	-	50,000	50,000
Raleigh St, 59th Ave W to Grand Ave	-	530,000	-	-	-	530,000
Upper Lakeside phase 1, connection on Glenwood	-	-	900,000	-	-	900,000
Upper Lakeside phase 2, connection at golf course	-	-	-	787,500	-	787,500
Upper Lakeside phase 3 upgrades	-	-	-	-	800,000	800,000
Water Mains and Services (By Ops)	15,000	-	-	-	-	15,000
Water Plant Bldg & Structural Repairs	-	-	-	-	650,000	650,000
Woodland Pump Station construction	-	2,600,000	-	-	-	2,600,000
20th Ave W, 23rd Ave W, 10th St	-	500,000	500,000	-	-	1,000,000
3rd St, Vernon St, 2nd St Alley	200,000	-	-	-	-	200,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 5 Year Project Summary

<b>Capital Utility Projects Continued</b>	2022	2023	2024	2025	2026	Total
Building shell at Stora Enso	140,000	-	-	-	-	140,000
Gas Blanket Project	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Meter relocations/ bollards	250,000	250,000	250,000	250,000	250,000	1,250,000
Michigan Street 10-inch	120,000	-	-	-	-	120,000
MNDOT Central entrance, 8 inch replacement	-	-	320,000	-	-	320,000
MNDOT Gogebic culverts	-	100,000	-	-	-	100,000
Steel main replacements	440,000	500,000	500,000	500,000	500,000	2,440,000
Patch Projects	10,000	-	-	-	-	10,000
Uprating of Upper Woodland	5,000	-	-	-	-	5,000
40th Ave W with SLC	-	-	50,000	-	-	50,000
4th St water main replace	-	-	-	150,000	-	150,000
6th Ave E to Mesaba Ave	-	-	-	150,000	-	150,000
Citywide manhole adjustments	100,000	100,000	100,000	100,000	100,000	500,000
rehabilitation/lining Heights 1 & 2	1,425,000	1,900,000	1,950,000	1,850,000	1,850,000	8,975,000
Lift Station rehabilitation	-	100,000	100,000	-	-	200,000
Annual Transportation SIP projects	450,000	450,000	450,000	450,000	450,000	2,250,000
40th Ave W (County)	280,000	150,000	150,000	150,000	150,000	880,000
Clarkhouse Creek	-	-	150,000	-	-	150,000
Gogebic Creek CIPP and storm improvements	100,000	-	-	-	-	100,000
Kenwood Avenue box culvert fish passage - Chester Creek	-	275,000	-	-	-	275,000
Lower Coffee Creek	-	40,000	300,000	300,000	-	640,000
Non-Capital storm projects	-	100,000	-	-	-	100,000
US Steel Creek	145,000	145,000	145,000	145,000	145,000	725,000
	-	5,000	-	-	-	5,000
<b>Capital Utility Projects</b>	<b>11,505,000</b>	<b>11,362,500</b>	<b>8,547,500</b>	<b>9,682,500</b>	<b>7,445,000</b>	<b>48,542,500</b>
<b>GRAND TOTAL</b>	<b>78,822,002</b>	<b>35,907,950</b>	<b>26,022,100</b>	<b>27,780,000</b>	<b>25,240,000</b>	<b>193,772,052</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 5 Year Funding Sources

	2022	2023	2024	2025	2026	Total
Bond	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	9,000,000
State Bond	14,750,000	-	-	-	-	14,750,000
State Bond Request	12,525,000	-	-	-	-	12,525,000
Other City Funding	6,125,000	271,750	25,000	25,000	25,000	6,471,750
Parks Fund	1,807,613	735,000	525,000	525,000	525,000	4,117,613
1/2 & 1/2 Tax	1,488,430	651,700	175,000	567,500	-	2,882,630
Permanent Improvement Fund Levy	280,000	280,000	280,000	280,000	280,000	1,400,000
Street System Maintenance Levy	1,212,000	1,300,000	1,300,000	1,500,000	1,300,000	6,612,000
Street Lighting Levy	390,000	760,000	400,000	-	700,000	2,250,000
Local Sales Tax (.5%)	7,250,000	7,500,000	7,500,000	7,400,000	7,500,000	37,150,000
Minnesota State Aid	1,873,788	3,650,000	2,845,000	3,020,000	3,770,000	15,158,788
State Grants	1,741,307	-	-	-	-	1,741,307
Federal Grants/Aid	7,383,726	2,600,000	1,480,000	1,840,000	1,480,000	14,783,726
ARPA Funding	5,250,000	302,000	723,000	725,000	-	7,000,000
Other Funding Sources	8,025,138	4,000,000	6,600	-	-	12,031,738
Utilities - Bond	-	2,600,000	-	-	-	2,600,000
Utilities - Current Year Revenue						
-Water	1,321,000	2,793,500	2,248,500	4,453,500	2,666,000	13,482,500
-Gas	2,798,800	2,953,800	3,173,800	2,353,800	2,353,800	13,634,000
-Sewer	2,278,700	2,603,700	2,703,700	2,603,700	2,453,700	12,643,500
-Stormwater	521,500	1,106,500	836,500	686,500	386,500	3,537,500
<b>Total</b>	<b>78,822,002</b>	<b>35,907,950</b>	<b>26,022,100</b>	<b>27,780,000</b>	<b>25,240,000</b>	<b>193,772,052</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Capital Improvement Program Summary

#### Operating Cost Implications of Proposed Projects:

The Capital Improvement Program is the principal funding program the City uses to make large, planned improvements and corrections to its building inventory and infrastructure. It traditionally consists of issuing general obligation bonds for city hall, public safety facilities, libraries and public works facilities. The City maintains 148 structures with an average age of over 40 years. These structures require continued accessibility and code compliance efforts.

<b>Projects</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
CIP Eligible VFA Building Improvements	300,000	375,000	520,000	600,000	500,000	2,295,000
Maintenance Buildings Improvements	250,000	250,000	-	450,000	300,000	1,250,000
Civic Buildings (CCW/City Hall/Library)	1,250,000	1,175,000	250,000	400,000	500,000	3,575,000
(Fire/Police)	-	-	1,030,000	350,000	500,000	1,880,000
<b>Total</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>9,000,000</b>
<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Capital Improvement Bond	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	9,000,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### CIP Eligible VFA Building Improvements

**Description:**

It is important to maintain a city-wide program of facility system replacements and accessibility compliance for structures. Many remote sites need masonry tuck pointing; this is our primary point of water migration into finished spaces. We have damaged window heads, sills and parapets which also need repairs. Additionally, many remote sites are being heated with boilers or furnaces which are 20 years old and beyond. Replacing these with modern, high efficient units with electronic controls can realize significant annual energy savings over the continued life of the structure. All of these types of system replacements and facility upgrades are aimed at keeping these public buildings in the best state of repair and function possible with the funding available.

<b>Project</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
CIP Eligible VFA Building Improvements	300,000	375,000	520,000	600,000	500,000	2,295,000
<b>Total</b>	300,000	375,000	520,000	600,000	500,000	2,295,000
<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Capital Improvement Bond	300,000	375,000	520,000	600,000	500,000	2,295,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### CIP Eligible VFA Building Improvements

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**Project Title:**

CIP Eligible VFA Building Improvements

**Description:**

These fund improvements related to deferred maintenance, end-of-life-cycle systems, and other facility improvement requirements identified in the City's asset management system.

**Funding Source:**

FY 2022-2026

Capital Improvement Bond      \$    2,295,000

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# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Maintenance

**Description:**

As a group of CIP eligible facilities, the Maintenance buildings that support the activities of Property and Facilities Management and Maintenance Operations represent some of the most rapidly deteriorating CIP eligible facilities that the City currently owns. Each of these facilities have significant capital needs that are extremely critical to maintain facility integrity and to continue operations as viable assets housing core City services. The group of maintenance facilities represents many challenges and opportunities. As part of a longer term strategy for this element of the portfolio, the reality that most of these facilities have capital improvement needs in excess of 50% of their replacement value has driven Property and Facilities Management to consider investments that are primarily aimed at maintaining the facility integrity and ensuring the safety and comfort of City staff working out of these facilities while not significantly improving the assets. As assets, this group of buildings have significant value for potential resale, as most are located on prime real estate, and should a longer term solution aimed at a total consolidation of maintenance activities into one newly constructed facility come to fruition, the focus of this part of the capital plan is on – primarily – maintaining the status quo in a manner that sufficiently meets the operational needs and protects the assets from significant deterioration over the next 5 years.

<b>Project</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Facilities Building Improvements	-	-	-	415,000	-	415,000
Fleet Building Improvements	-	-	-	35,000	-	35,000
42nd Ave W Tool House Improvements	-	-	-	-	300,000	300,000
40th Ave W Tool House Improvements	-	250,000	-	-	-	250,000
Tree Farm/Riley Road Improvements	250,000	-	-	-	-	250,000
<b>Total</b>	250,000	250,000	-	450,000	300,000	1,250,000
<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Capital Improvement Bond	250,000	250,000	-	450,000	300,000	1,250,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Maintenance

**Project Title:**

Facilities Building - HVAC

**Description:**

Ventilation/AC

**Funding Source:**

FY 2025



Capital Improvement Bond      \$      415,000

**Project Title:**

Fleet Roof (Design)

**Description:**

Design (\$35,000 FY 2025), Roof replacement (\$950,000 FY 2027+)

**Funding Source:**

FY 2025



Capital Improvement Bond      \$      35,000

**Project Title:**

42nd Ave W Toolhouse - Structural Repairs

**Description:**

Structural study and repairs

**Funding Source:**

FY 2026



Capital Improvement Bond      \$      300,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Maintenance

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**Project Title:**

Tree Farm / Riley Road

**Description:**

Fiber connectivity

**Funding Source:**

FY 2022

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Capital Improvement Bond      \$      250,000



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**Project Title:**

40th Ave W Toolhouse

**Description:**

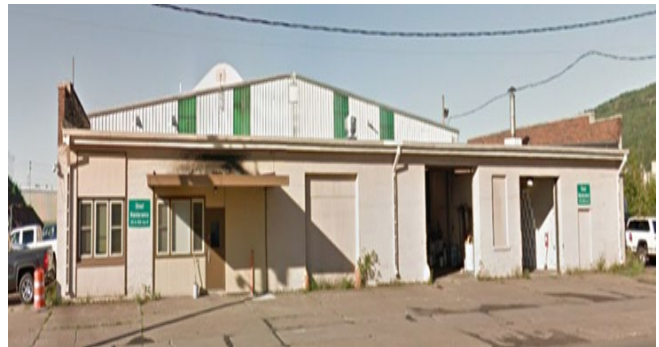
Portable/above ground material storage

**Funding Source:**

FY 2023

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Capital Improvement Bond      \$      250,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Civic (City Center West/City Hall/Library)

**Description:**

These are the public facing facilities that are owned and operated by the City. Much of the activity in these facilities support the operation of City business by housing staff and serving as points of direct engagement with the public seeking City services such as Construction Services, Planning, Engineering, City Clerk, Elections, Public Library, City Council, Public Commissions and the like. These investments constitute renewal and improvement of core facility infrastructure systems such as lighting, HVAC, emergency systems, and building envelope improvements.

<b>Project</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
City Center West Improvements	-	500,000	-	-	100,000	600,000
City Hall Improvements	1,250,000	250,000	250,000	400,000	400,000	2,550,000
Library Improvements	-	425,000	-	-	-	425,000
<b>Total</b>	<b>1,250,000</b>	<b>1,175,000</b>	<b>250,000</b>	<b>400,000</b>	<b>500,000</b>	<b>3,575,000</b>

<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Capital Improvement Bond	1,250,000	1,175,000	250,000	400,000	500,000	3,575,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Civic (City Center West/City Hall/Library)

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**Project Title:**

City Center West Improvements

**Description:**

EOC Driveway/Parking Lot

**Funding Source:**

FY 2023

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Capital Improvement Bond      \$      500,000



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**Project Title:**

City Hall Improvements

**Description:**

Mechanical Electrical and Plumbing Renewal

**Funding Source:**

FY 2022

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Capital Improvement Bond      \$      800,000



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**Project Title:**

City Hall Improvements

**Description:**

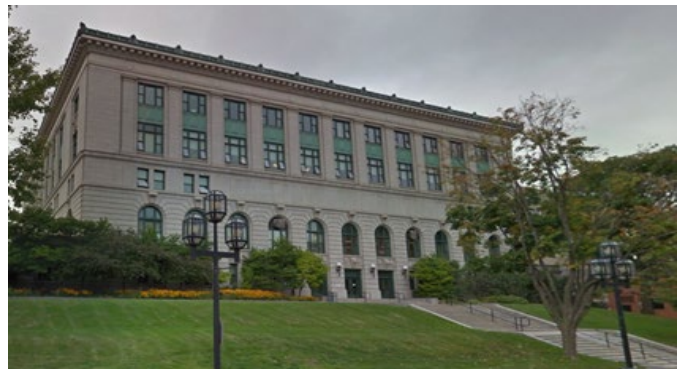
Grounds/Priley Circle Improvements

**Funding Source:**

FY 2022-2026

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Capital Improvement Bond      \$      1,750,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Civic (City Center West/City Hall/Library)

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**Project Title:**

Library Improvements

**Description:**

Elevator Upgrade

**Funding Source:**

FY 2023



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Capital Improvement Bond	\$	425,000
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**Project Title:**

City Center West Improvements

**Description:**

Flooring and Paint

**Funding Source:**

FY 2026



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Capital Improvement Bond	\$	100,000
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# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Public Safety (Fire/Police)

**Description:**

Over the next five years, the City is proposing to invest \$1.9 million in capital maintenance projects at firehalls and police facilities throughout the City. There are remodeling projects to accommodate staff reorganizations as part of the Fire Department consolidation plan. Energy improvements consist of installing new windows and overhead doors, lighting, building controls and replacing furnaces and roofs. Repair and maintenance projects consist of masonry and brick repair, as well as resolving drainage issues and replacing driveways, apparatus bay doors, heating systems, ventilation systems and deferred maintenance requirements identified by the City asset management system (VFA).

<b>Project</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Firehall #1 Improvements	-	-	300,000	-	250,000	550,000
Firehall #2 Improvements	-	-	250,000	-	-	250,000
Firehall #4 Improvements	-	-	200,000	-	-	200,000
Firehall #7 Improvements	-	-	-	100,000	-	100,000
Firehall #10 Improvements	-	-	280,000	250,000	-	530,000
Public Safety Building (Police)	-	-	-	-	250,000	250,000
<b>Total</b>	-	-	1,030,000	350,000	500,000	1,880,000
<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Capital Improvement Bond	-	-	1,030,000	350,000	500,000	1,880,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Public Safety (Fire/Police)

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**Project Title:**

Firehall #1 Improvements

**Description:**

ADA / Bathroom Upgrades

**Funding Source:**

FY 2024

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Capital Improvement Bond      \$      300,000



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**Project Title:**

Firehall #1 Improvements

**Description:**

Living Quarters Upgrade / Reorganization

**Funding Source:**

FY 2026

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Capital Improvement Bond      \$      250,000



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**Project Title:**

Firehall #2 Improvements

**Description:**

Flooring Upgrades & Interior Remodel

**Funding Source:**

FY 2024

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Capital Improvement Bond      \$      250,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Public Safety (Fire/Police)

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**Project Title:**

Firehall #4 Improvements

**Description:**

Flooring Upgrades & Interior/Kitchen Remodel

**Funding Source:**

FY 2024

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Capital Improvement Bond      \$      200,000



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**Project Title:**

Firehall #10 HVAC

**Description:**

Implement HVAC study/install furnace

**Funding Source:**

FY 2024

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Capital Improvement Bond      \$      280,000



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**Project Title:**

Firehall #10 Tuckpointing

**Description:**

Tuckpointing

**Funding Source:**

FY 2025

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Capital Improvement Bond      \$      250,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Public Safety (Fire/Police)

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**Project Title:**

Firehall #7 Electrical

**Description:**

electrical distribution

**Funding Source:**

FY 2025



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Capital Improvement Bond      \$      100,000

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**Project Title:**

PSB Misc Maintenance

**Description:**

Capital maintenance based on asset management system (VFA)

**Funding Source:**

FY 2026



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Capital Improvement Bond      \$      250,000

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# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### State Bonding Projects

**Description:**

The City of Duluth was awarded \$13.5 million in 2020 state bonds to predesign, design, construct, furnish, and equip seawall and Lakewalk infrastructure with related surface improvements, including a boardwalk and bike trails, public gathering spaces, and loading areas, along the shore of Lake Superior in the City of Duluth. This appropriation may also be used for demolition and removal of existing seawall and Lakewalk structures. A complementary Federal Economic Development Administration grant was awarded to contribute to seawall construction including enhancements to accommodate large draft cruise ships.

<b>Projects</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Seawall & Surface Improvements	21,625,000	-	-	-	-	21,625,000
<b>Total</b>	<b>21,625,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>21,625,000</b>

<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Federal Funding	2,625,000	-	-	-	-	2,625,000
State Bond	13,500,000	-	-	-	-	13,500,000
Other City Funding	5,500,000	-	-	-	-	5,500,000
<b>Total</b>	<b>21,625,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>21,625,000</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Parks and Trails Summary

**Description:**

Park and trail capital projects are funded from three major sources: Parks Fund, 1/2 and 1/2 tax, and federal and state grants. The Parks Fund allocates monies each year for small park and trail capital projects (usually less than \$100,000 each). The 1/2 and 1/2 tax was authorized in 2014 to fund a total of \$18 million park, trail, and outdoor recreation projects in the St. Louis River Corridor. The 1/2 and 1/2 tax and the Parks Fund are used to leverage state and federal grants that increase the magnitude of park and trail capital improvements. Selection and design of capital projects is shaped by input and direction from the community, Parks Commission, and City Council.

<b>Projects</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Parks	14,752,989	4,782,000	1,339,600	1,652,500	460,000	22,987,089
Trails	1,802,225	1,568,450	115,000	190,000	90,000	3,765,675
<b>Total</b>	<b>16,555,214</b>	<b>6,350,450</b>	<b>1,454,600</b>	<b>1,842,500</b>	<b>550,000</b>	<b>26,752,764</b>

<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Federal Grant	2,903,726	600,000	-	-	-	3,503,726
ARPA Funding	250,000	302,000	723,000	725,000	-	2,000,000
State Grant	1,455,307	-	-	-	-	1,455,307
Other Grants/ Donations/ Funding	8,025,138	4,000,000	6,600	-	-	12,031,738
Parks Fund	1,807,613	525,000	525,000	525,000	525,000	3,907,613
1/2 and 1/2 Tax	1,488,430	651,700	175,000	567,500	-	2,882,630
Other City Funding	625,000	271,750	25,000	25,000	25,000	971,750
<b>Total</b>	<b>16,555,214</b>	<b>6,350,450</b>	<b>1,454,600</b>	<b>1,842,500</b>	<b>550,000</b>	<b>26,752,764</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Parks Detail

Project	2022	2023	2024	2025	2026	Total
St. Louis County Tax Forfeit						
Land Conveyance	4,440,000	-	-	-	-	4,440,000
St. Louis River Natural Area						
Land Acquisition	3,730,000	-	-	-	-	3,730,000
Lincoln Park Restoration	2,676,101	-	-	-	-	2,676,101
Hartley Legacy Project	2,010,458	-	-	-	-	2,010,458
Spirit Landing Project						
Land Purchase/Design	370,000	-	-	-	-	370,000
Trail Alignment	175,000	-	-	-	-	175,000
Park Restoration	80,000	-	-	-	-	80,000
Enger Golf Course Renovation	500,000	4,000,000			-	4,500,000
Lester Park Golf Course-public planning process	-	75,000	-	-	-	75,000
ARPA Projects	250,000	302,000	723,000	725,000	-	2,000,000
Parks Strategic Master Plan	80,000	-	-	-	-	80,000
Memorial Park MMP Implementation	-	-	85,000	510,000	-	595,000
Neighborhood Parks:						
Fond du Lac and Historical Parks	20,000	160,000	-	-	-	180,000
Grassy Point Park	34,430	-	-	-	-	34,430
Kingsbury Fishing Pier	25,000	-	-	-	-	25,000
Norton Park	-	55,000	215,000	-	-	270,000
Duluth Heights	-	20,000	-	-	150,000	170,000
Grant Park	-	-	-	70,000	-	70,000
Lower Chester Park	-	-	6,600	-	-	6,600
Morgan Park	-	-	-	50,000	-	50,000
Birchwood Park	-	-	-	7,500	-	7,500
Signage & Wayfinding	100,000	-	100,000	80,000	100,000	380,000
Sustainable Infrastructure:						
Parks Facilities-Deferred Maintenance	114,000	-	-	-	-	114,000
Asset Management Plan	25,000	15,000	10,000	10,000	10,000	70,000
Golf Subsidy	25,000	-	-	-	-	25,000
Natural Resources	55,000	55,000	55,000	75,000	75,000	315,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Parks Detail

Project	2022	2023	2024	2025	2026	Total
Playgrounds (Full/Component Replacement)	43,000	100,000	145,000	125,000	100,000	513,000
Other Park Improvements - TBD	-	-	-	-	25,000	25,000
<b>Total</b>	<b>14,752,989</b>	<b>4,782,000</b>	<b>1,339,600</b>	<b>1,652,500</b>	<b>460,000</b>	<b>22,987,089</b>

Funding	2022	2023	2024	2025	2026	Total
Federal Grant	1,692,501	-	-	-	-	1,692,501
ARPA Funding	250,000	302,000	723,000	725,000	-	2,000,000
State Grant	1,455,307	-	-	-	-	1,455,307
Other Grants/Donations/Fundin	8,025,138	4,000,000	6,600	-	-	12,031,738
Parks Fund	1,565,613	295,000	410,000	335,000	435,000	3,040,613
1/2 and 1/2 Tax	1,239,430	160,000	175,000	567,500	-	2,141,930
Other City Funding	525,000	25,000	25,000	25,000	25,000	625,000
<b>Total</b>	<b>14,752,989</b>	<b>4,782,000</b>	<b>1,339,600</b>	<b>1,652,500</b>	<b>460,000</b>	<b>22,987,089</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Parks Projects

**Project Title:**

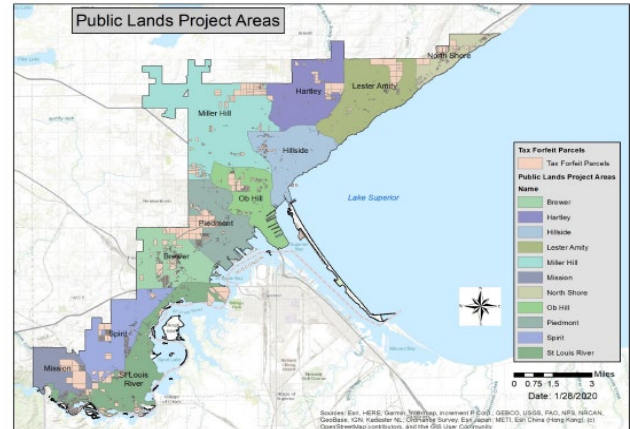
St. Louis County Land Conveyance

**Description:**

Conveyance from St. Louis County to the City of Duluth of \$4.2 million of tax forfeit green space to be managed as part of the City system of protected green space.

**Funding Source:**

	FY 2022
Parks Fund	240,000
Other Grants/Donations/Funding	4,200,000
	4,440,000



**Project Title:**

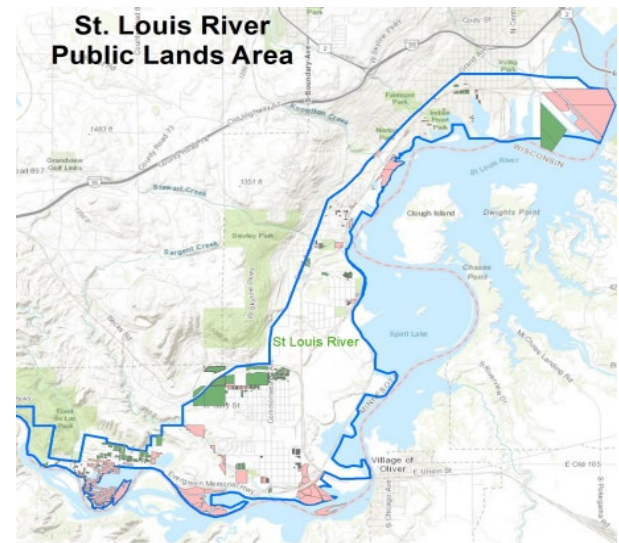
St. Louis River Natural Area Land Acquisition

**Description:**

Federally funded acquisition of \$3.5 million worth of tax forfeit property located within or immediately around the St. Louis River Natural Area.

**Funding Source:**

	FY 2022
Parks Fund	30,000
Federal Grant	900,000
Other Grants/Donations/Funding	2,800,000
	3,730,000





# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Parks Projects

**Project Title:**

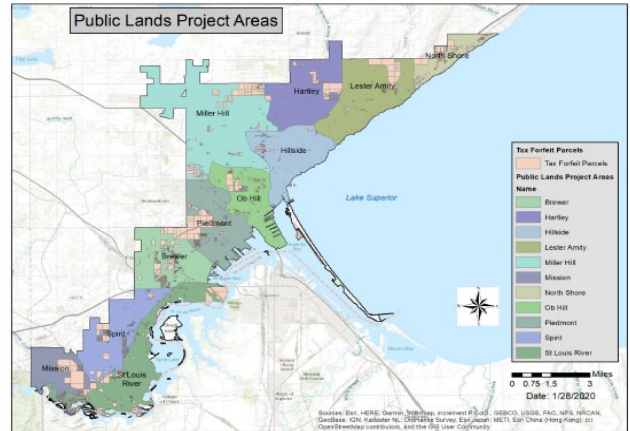
Lincoln Park Restoration

**Description:**

Comprehensive restoration of developed lower portion of Lincoln Park.

**Funding Source:**

	FY 2022
Parks Fund	587,500
1/2 & 1/2	810,000
Federal Grant	792,501
State Grant	299,525
Other Grants/Donations/Funding	186,575
	2,676,101



**Project Title:**

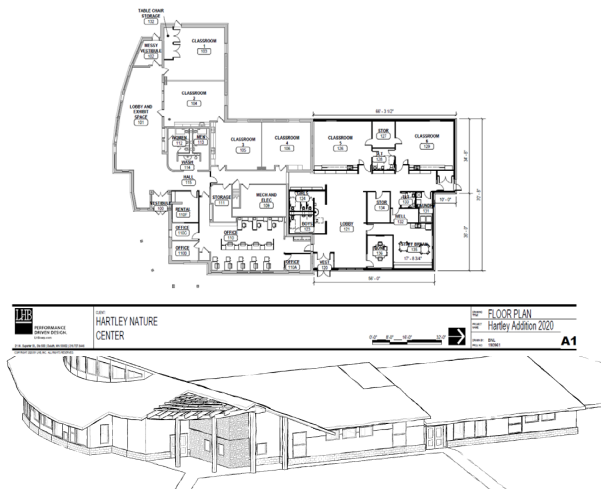
Hartley Legacy Project

**Description:**

Renovation and expansion of Hartley Nature

**Funding Source:**

	FY 2022
Parks Fund	266,113
State Grant	905,782
Other Grants/Donations/Funding	838,563
	2,010,458



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Parks Projects

**Project Title:**

Spirit Landing Project

**Description:**

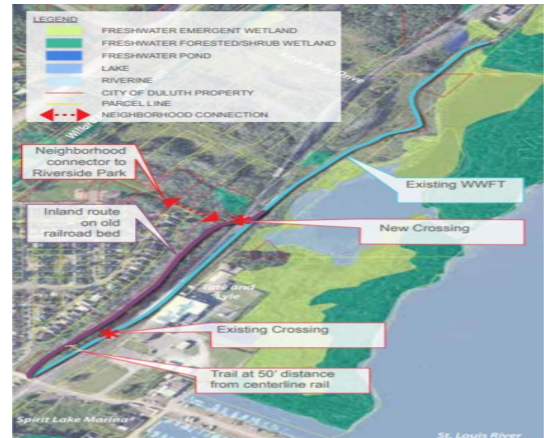
Acquisition and restoration of eight-acre riverfront property and connection of trail systems to and through the property.

**Funding Source:**

1/2 & 1/2  
State Grant

FY 2022

375,000
250,000
<b>625,000</b>



**Project Title:**

Enger Golf Course Renovation

**Description:**

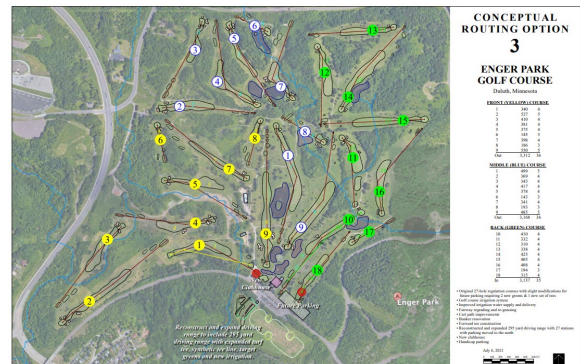
Enger Golf Course renovation items include a new irrigation system, new clubhouse, improvements to fairways, and bunker renovations.

**Funding Source:**

Other City Funding  
Other Grants

FY 2022-2023

500,000
4,000,000
<b>4,500,000</b>



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Parks Projects

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**Project Title:**

American Rescue Plan Act (ARPA) Projects

**Description:**

Neighborhood park improvements and deferred maintenance needs in Qualified Census Tracts: playgrounds, benches, tables, sport courts, etc.

**Funding Source:**

ARPA Funding

FY 2022-2025

2,000,000



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**Project Title:**

Parks Strategic Master Plan

**Description:**

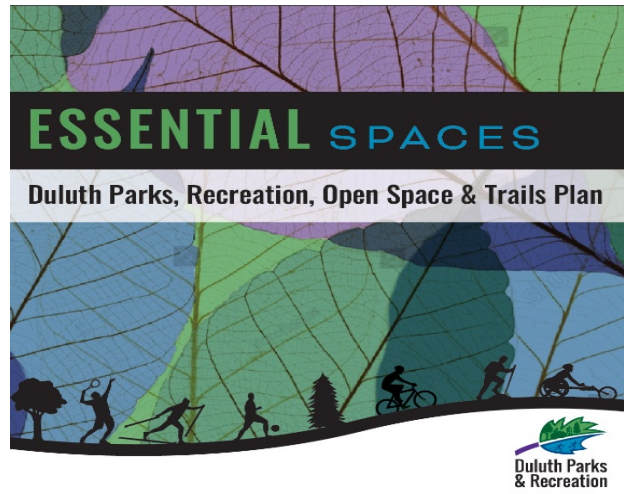
Create an updated master plan for the Parks and Recreation Department.

**Funding Source:**

Parks Fund

FY 2022

80,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Parks Projects

**Project Title:**

Neighborhood Parks

**Description:**

Implementation of mini-master plan for Norton Park miscellaneous infrastructure renewal throughout the system.



**Funding Source:**

	<u>FY 2022 - 2026</u>
Parks Fund	445,000
1/2 & 1/2	361,930
Other Grants/Donations/Funding	6,600
	<u>813,530</u>

**Project Title:**

Signage & Wayfinding

**Description:**

Entrance signs, kiosks, and wayfinding at various

**Funding Source:**

	<u>FY 2022-2026</u>
Parks Fund	380,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Parks Projects

**Project Title:**

Sustainable Infrastructure

**Description:**

Deferred and enhanced maintenance and upgrades to outdoor parks' assets and facilities.



**Funding Source:**

Parks Fund

Other City Funding

FY 2022-2026

937,000

125,000

1,062,000



**Project Title:**

Lester Park Golf Course

**Description:**

Lester Park Golf Course will reopen for one final season of golf in 2023 . A public process will guide the future use(s) of this parkland.

**Funding Source:**

Parks Fund

FY 2023

75,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Parks Projects

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**Project Title:**

Memorial Park MMP Implementation

**Description:**

Development, design, and Phase I implementation of new Memorial Park Mini-Master Plan

FY 2024-2025

**Funding Source:**

1/2 & 1/2

595,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Trails Detail

Project	2022	2023	2024	2025	2026	Total
Lakewalk Improvements:						
Interpretive Plan	100,000	-	-	-	-	100,000
Management Plan	-	-	75,000	-	-	75,000
Brighton Beach Park:						
Green Space Renewal	127,000	-	-	-	-	127,000
Signage & Wayfinding	-	50,000	-	-	-	50,000
Remove Old Road & Restore Landscape	500,000	-	-	-	-	500,000
Waabizheshikana-The Marten Trail:						
Storm Damage Repair	487,000	-	-	-	-	487,000
Segment I Construction	-	420,000	-	-	-	420,000
Grand Avenue Nordic Center	274,225	-	-	-	-	274,225
Cross City Trail:						
Phase III: Irving Park to Greene Street	199,000	931,500	-	-	-	1,130,500
St. Louis River Estuary Water Trail Improvements:						
Munger Landing Park Improvements	-	50,000	-	-	-	50,000
Perch Lake Improvements	-	50,000	-	-	-	50,000
Amity Creek Mutli-Purpose Trail Trailhead	-	10,000	-	-	-	10,000
Improvements/Parking Lots	-	-	-	125,000	-	125,000
Other Trail Improvements:						
ADA Access	5,000	10,000	10,000	10,000	10,000	45,000
Bridges/Infrastructure Failures	35,000	31,950	30,000	30,000	30,000	156,950
Central School Connector	-	-	-	25,000	-	25,000
Forest Hill Property Acquisition	40,000	15,000	-	-	-	55,000
Park Point Beach Access-matching/design	10,000	-	-	-	-	10,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Trails Detail

<b>Project</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Other Trail Improvements- TBD	25,000	-	-	-	50,000	75,000
<b>Total</b>	1,802,225	1,568,450	115,000	190,000	90,000	3,765,675

<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Federal Grant	1,211,225	600,000	-	-	-	1,811,225
State Grant	-	-	-	-	-	-
Parks Fund	242,000	230,000	115,000	190,000	90,000	867,000
1/2 and 1/2 Tax	249,000	491,700	-	-	-	740,700
Other City Funding	100,000	246,750	-	-	-	346,750
<b>Total</b>	1,802,225	1,568,450	115,000	190,000	90,000	3,765,675



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Trails Projects

**Project Title:**

Lakewalk Improvements

**Description:**

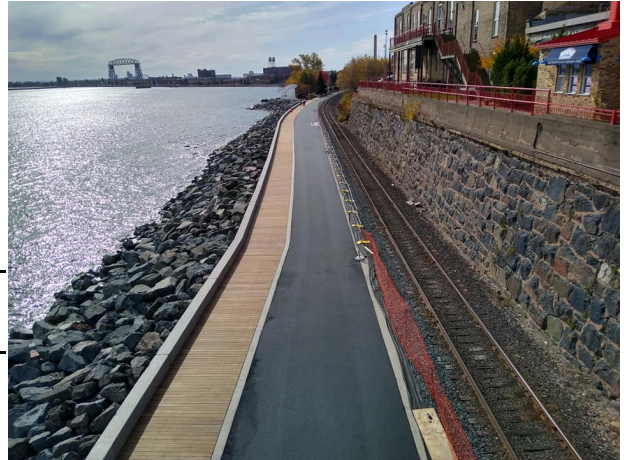
Lakewalk interpretive and management plans.

**Funding Source:**

Parks Fund

Other City Funding

	FY 2022, 2024
Parks Fund	75,000
Other City Funding	100,000
	<u>175,000</u>



**Project Title:**

Brighton Beach Park Restoration and Lakewalk Extension

**Description:**

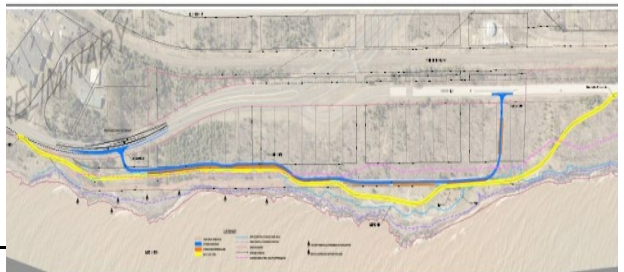
Extension of the Lakewalk, construction of new northeast entrance road, stabilization of shoreline, and renewal of park amenities.

**Funding Source:**

Parks Fund

Federal Grant

	FY 2022-2023
Parks Fund	177,000
Federal Grant	500,000
	<u>677,000</u>



LAKEWALK TRAIL EXTENSION - (BRIGHTON BEACH)



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Trails Projects

**Project Title:**

Waabisheshikana (The Marten Trail) Storm Damage Repair & Extension

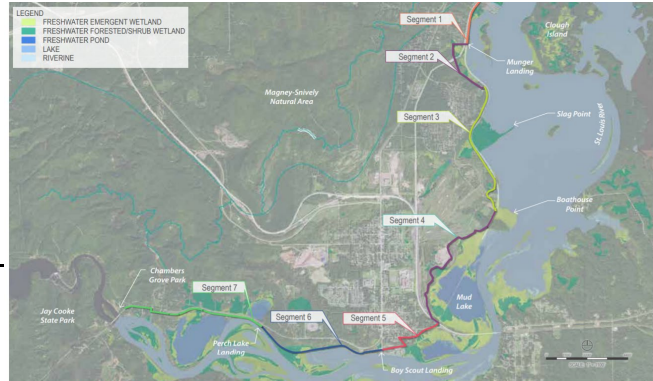
**Description:**

Repair of storm-damaged segment behind Spirit Cove neighborhood and construction of new segments I, II, and III.

**Funding Source:**

	<u>FY 2022-2023</u>
1/2 & 1/2	335,000
Parks Fund	85,000
Federal Grant	<u>487,000</u>
	907,000

*\*Excludes construction costs to be paid directly by federal agencies and US Steel.*



**Project Title:**

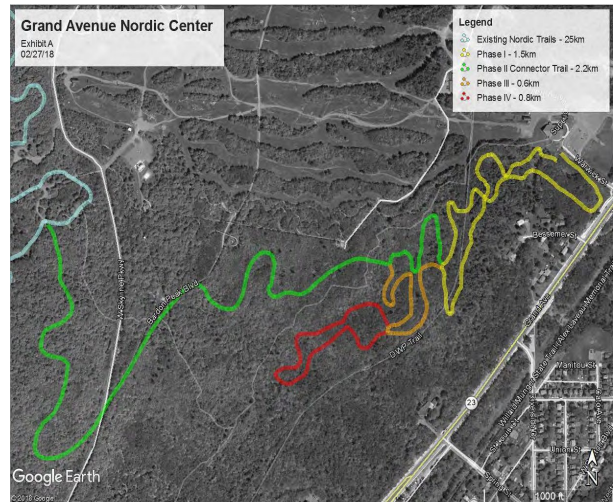
Grand Avenue Nordic Center – Phase II

**Description:**

Phase II, the Connector, will provide a two-way trail that connects the Phase I loop to 20 km (12.4 miles) of Spirit Mountain Nordic Center trails, as well as 14 km (8.7 miles) of Magney-Snively Nordic trails, at the top of Spirit Mountain.

**Funding Source:**

	<u>FY 2022</u>
1/2 & 1/2	50,000
Federal Grant	<u>224,225</u>
	274,225



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Trails Projects

**Project Title:**

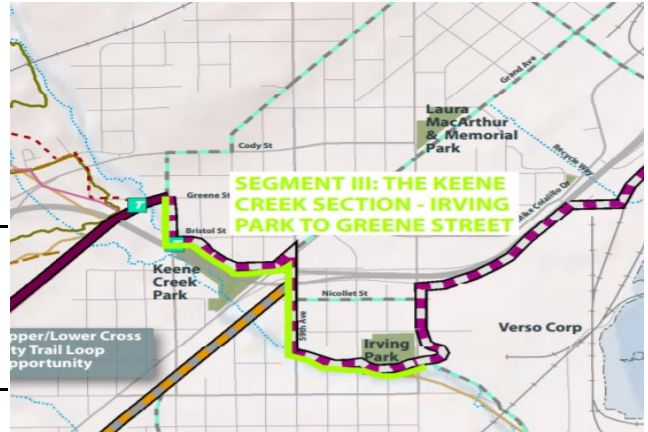
Cross City Trail - Irving Park to Greene Street

**Description:**

Construction of Cross City Trail Segment III from Irving Park to Greene Street

**Funding Source:**

	<u>FY 2022-2023</u>
Parks Fund	28,050
Other City Funding	246,750
1/2 & 1/2	255,700
Federal Grants	600,000
	<u>1,130,500</u>



**Project Title:**

St. Louis River Estuary Water Trail Improvements

**Description:**

New/improved canoe/kayak accesses at Munger Landing and Perch Lake

**Funding Source:**

	<u>FY 2023</u>
1/2 & 1/2	100,000



# City of Duluth Minnesota - 2022 Budget

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## City of Duluth 2022-2026 Capital Improvement Plan

### 2022-2026 Trails Projects

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**Project Title:**

Other Trail Improvements

**Description:**

Other trail improvements

**Funding Source:**

Parks Fund

FY 2022-2026

501,950



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects Summary

**Description:**

These projects include street reconstruction, street preservation and bridge maintenance. Funding sources include municipal state aid, federal funds, grants, street system maintenance levy, local sales tax, St. Louis County, and developer contributions. Utility Improvements that may occur in conjunction with these projects are included in the Utilities Capital Improvement Plan.

**Operating Cost Implications of 2022 Approved Projects:**

Beginning in 2020, the Street Improvement Program began receiving dedicated funding through a local .5% sales tax. The Street Improvement Program (SIP) encompasses the entire City's Street Inventory and street improvements are annually reviewed and prioritized on a variety of factors, in accordance with the SIP plan.

Project	2022	2023	2024	2025	2026	Total
Aerial Lift Bridge Painting and Misc. Structural Repairs	12,840,000	-	-	-	-	12,840,000
Brighton Beach Rd Reconstruction	1,150,000	-	-	-	-	1,150,000
Lakewood Rd Reclaim (with County)	350,000	-	-	-	-	350,000
St. Andrews Bridge Replacement at Tischer Creek	725,000	-	-	-	-	725,000
21st Av E Reconditioning	2,850,000	-	-	-	-	2,850,000
London Rd to Woodland Ave Engineering for Next Year's Federal Project	300,000	300,000	300,000	300,000	300,000	1,500,000
Federal Projects TBD	-	-	-	-	1,850,000	1,850,000
Snively Rd & Woodland Ave Signal Replacement (City share of County Projects)	90,000	-	-	-	-	90,000
Arrowhead Rd & Woodland Ave Signal Replacement (City Share of Cty project)	225,000	-	-	-	-	225,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects Summary

Arrowhead Rd Mill & Overlay (w/County)	925,000	-	-	-	-	925,000
Glenwood & Snively Intersection Improvements (County)	923,788	-	-	-	-	923,788
Street Preservation (Various Locations)	6,363,000	11,700,000	10,575,000	8,400,000	10,500,000	47,538,000
3rd St Recondition- Mesaba Ave to 12th Ave E	-	2,500,000	-	-	-	2,500,000
Cross City Trail Segment 3- Irving Park to Keenes Creek Park	-	810,000	-	-	-	810,000
Gogebic Creek/Steel Creek (MNDOT)	-	290,000	-	-	-	290,000
MNDOT ADA upgrades along I-35 ramps 68th Ave W to 26th Ave E (City)	-	-	200,000	-	-	200,000
Railroad St -Canal Park Dr to 5th Ave W	-	-	2,250,000	-	-	2,250,000
Garfield Ave and Port Terminal Reconditioning Engineering NHS Federal 2025 project	-	-	100,000	360,000	-	460,000
Lake Ave/Canal Park Dr/Buchanan St Reconditioning	-	-	-	2,600,000	-	2,600,000
London Rd 26th Ave E to 60th Ave E (MNDOT)	-	-	-	2,000,000	-	2,000,000
Central Ent Reconstuction (MNDOT project)	-	-	-	-	1,700,000	1,700,000
Mesaba Ave Turn Lane/Signal 1st St (MNDOT)	-	-	-	-	300,000	300,000
Patch Project	475,000	475,000	475,000	475,000	475,000	2,375,000
Misc Annual Infrastructure Sidewalks	-	200,000	200,000	200,000	200,000	800,000
	120,000	120,000	120,000	120,000	120,000	600,000
<b>Total</b>	<b>27,336,788</b>	<b>16,395,000</b>	<b>14,220,000</b>	<b>14,455,000</b>	<b>15,445,000</b>	<b>87,851,788</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects Summary

<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Federal	1,855,000	2,000,000	1,480,000	1,840,000	1,480,000	8,655,000
State	15,934,788	3,650,000	2,845,000	3,020,000	3,770,000	29,219,788
Street System Mtce Levy	1,212,000	1,300,000	1,300,000	1,500,000	1,300,000	6,612,000
Local Sales Tax (.5%)	7,250,000	7,500,000	7,500,000	7,400,000	7,500,000	37,150,000
Permanent Improvement	280,000	280,000	280,000	280,000	280,000	1,400,000
Street Lighting	390,000	760,000	400,000	-	700,000	2,250,000
Other (Utility & Parks Funds)	415,000	905,000	415,000	415,000	415,000	2,565,000
<b>Total</b>	<b>27,336,788</b>	<b>16,395,000</b>	<b>14,220,000</b>	<b>14,455,000</b>	<b>15,445,000</b>	<b>87,851,788</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Miscellaneous Annual Infrastructure

**Description:**

Miscellaneous annual infrastructure projects include those that are funded by the permanent improvement property tax levy, street system maintenance utility, and limited use of special assessments to the affected property owner. Permanent improvement projects are generally limited to intersections, bridges, and other items that are not eligible for other funding sources. These projects may include repair or replacement of the brick streets and sidewalks, concrete sidewalks, one way street conversions, retaining walls, and guard rail repair.

<b>Project</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Permanent Improvements	-	200,000	200,000	200,000	200,000	800,000
Patch Project	475,000	475,000	475,000	475,000	475,000	2,375,000
Sidewalks	120,000	120,000	120,000	120,000	120,000	600,000
<b>Total</b>	<b>595,000</b>	<b>795,000</b>	<b>795,000</b>	<b>795,000</b>	<b>795,000</b>	<b>3,775,000</b>

<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
PI Fund	80,000	280,000	280,000	280,000	280,000	1,200,000
Street System Mtce Levy	100,000	100,000	100,000	100,000	100,000	500,000
Other (Utilities Funds)	415,000	415,000	415,000	415,000	415,000	2,075,000
<b>Total</b>	<b>595,000</b>	<b>795,000</b>	<b>795,000</b>	<b>795,000</b>	<b>795,000</b>	<b>3,775,000</b>



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

**Project Title:**

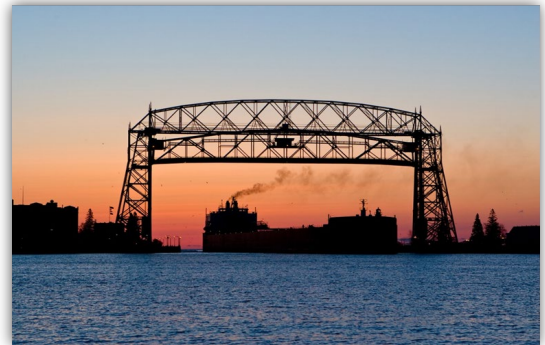
Aerial Lift Bridge Painting and Misc. Structural Repairs

**Description:**

Grating, Sidewalk, Painting and Misc repairs.

**Funding Source:**

	2022
State Bond	\$ 12,000,000
MSA	\$ 840,000
	\$ 12,840,000



**Project Title:**

Brighton Beach Rd Reconstruction

**Description:**

New road construction in conjunction with Parks.

**Funding Source:**

	2022
Street System Maint. Levy	\$ 349,000
Federal	\$ 515,000
State	\$ 286,000
	\$ 1,150,000





# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

**Project Title:**

21st Ave E Reconditioning- London Rd to Woodland Ave

**Description:**

**Funding Source:**

	2022
State	\$ 1,250,000
Street Lighting Fund	\$ 300,000
Street System Maint. Levy	\$ 1,300,000
	\$ 2,850,000



**Project Title:**

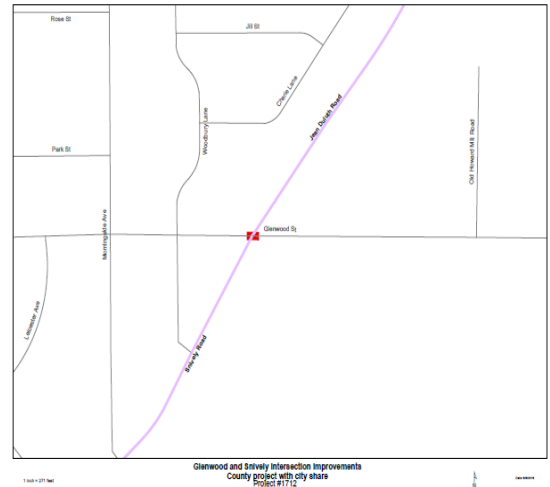
Glenwood St & Snively Rd

**Description:**

Intersection Improvements (with County)

**Funding Source:**

	2022
Federal	\$ 600,462
MSA	\$ 323,326
	\$ 923,788



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

**Project Title:**

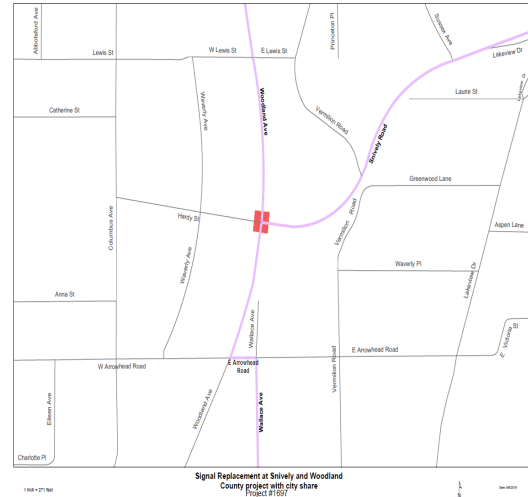
Snively Rd & Woodland Ave

**Description:**

Signal Replacement (County Project) City share for Hardy St leg.

**Funding Source:**

	<u>2022</u>
Street Lighting Fund	\$ 90,000



**Project Title:**

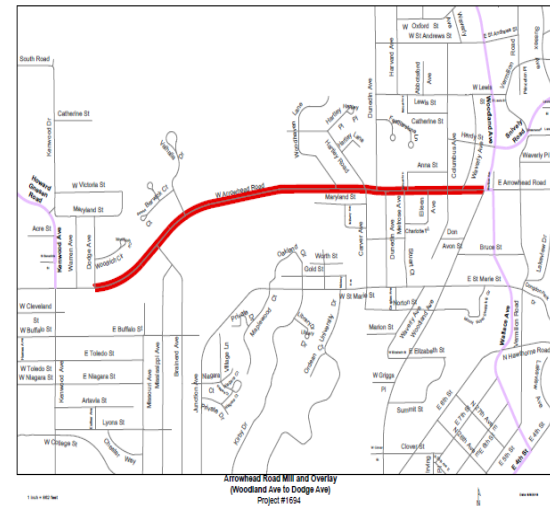
Arrowhead Rd -Dodge Ave to Woodland Ave

**Description:**

Mill & Overlay and Signal Replacement (with County)

**Funding Source:**

	<u>2022</u>
Federal	\$ 593,288
MSA	\$ 331,712
	<u>\$ 925,000</u>



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

**Project Title:**

**Street Preservation Projects**  
**2022 Project Goal: 15.19 miles of Street**  
**improvements**

**Description:**

Various Locations: Annual preservation projects are determined on criteria outlined in the City's Street Improvement Program.

**Funding Source:**

	2022-2026
MSA	\$ 6,675,000
Local Sales Tax	\$ 34,751,000
Street System Mtce Fund	\$ 6,112,000
	\$ 47,538,000

**2022 Street Preservation Plan**

Year	2022 Segments	Cost	Mileage	Const notes
2022	91st Ave W, Idaho to Grace St	\$126,000	0.18	Mill & Overlay
2022	Hilton, 88th Ave W to Falcon	\$161,000	0.23	Mill & Overlay
2022	Hilton, 91st Ave W to Idaho	\$84,000	0.12	Mill & Overlay
2022	Zimmerly Ave, Commonwealth to Grand Ave	\$160,000	0.23	Reclaim
2022	94th Ave W, Zimmerly to Boyd Ave	\$50,000	0.07	Reclaim
2022	Boyd Ave, 93rd to Dead End near 96th Ave W	\$150,000	0.21	Reclaim
2022	95th Ave W, Zimmerly to Clyde	\$100,000	0.14	Reclaim
2022	Clay St, Vinland to Skyline	\$200,000	0.34	Reclaim
2022	Skyline Pkwy, 24th Ave W to Haines Rd	\$1,127,000	1.61	Reclaim
2022	Lincoln Park Dr Recondition, 3rd to First Bridge	\$100,000	0.24	Reclaim
2022	Twin Ponds Wall Repairs	\$100,000		
2022	11th Ave W, 1st St to 6th St	\$217,000	0.31	Reconstruct
2022	W 1st St, Mesaba Ave to N 6th Ave W	\$73,500	0.07	Mill & Overlay
2022	1st Ave E, Mesaba Ave to E 4th St	\$340,000	0.34	Reclaim
2022	7th St, Mesaba Ave to 6th Ave E	\$420,000	0.6	Mill & Overlay
2022	4th Ave E, 4th St to Central Ent	\$260,000	0.37	Mill & Overlay
2022	8th St, 4th Ave E to 5th Ave E	\$50,000	0.07	Mill & Overlay
2022	10th St, 4th Ave E to 5th Ave E	\$50,000	0.07	Mill & Overlay
2022	5th Ave E, 7th St to 10th St	\$140,000	0.2	Mill & Overlay
2022	Ridgewood Rd, 34th Ave E to 800ft	\$106,000	0.15	Mill & Overlay
2022	Pinewood Ln, Crescent Vw to E 3rd St	\$133,000	0.19	Mill & Overlay
2022	E 3rd St, Pinewood Ln to 37th Ave E	\$135,000	0.19	Mill & Overlay
2022	E 4th St, Pinewood Ln to 550' S	\$70,000	0.1	Mill & Overlay
2022	Melwood Ave, Ridgewood Rd to Cul de Sac	\$219,000	0.31	Reclaim
2022	Crescent View Dr, Pinewood Ln to 220' N	\$60,000	0.02	Mill & Overlay

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

2022	N 45th Ave E, E Superior St to London Rd	\$161,000	0.19	Mill & Overlay
2022	Wyoming St, 51st to 52nd Ave E	\$11,000	0.11	Overlay
2022	N 54th Ave E, Glenwood to E Superior St	\$27,000	0.27	Overlay
2022	Guardrail, Retaining Walls, Bridge, Erosion	\$300,000		
	Chip Seal	\$350,000	6.61	
	Engineering	\$300,000		
	Contingency	\$582,500		
	<b>Total Street Preservation Project</b>	<b>\$6,363,000</b>	<b>13.54</b>	

#### Other City Projects in 2022:

	Brighton Beach Roadway	\$350,000	0.4	Reconstruct
2022	Lakewood Reclaim, Superior St to City Limits	\$350,000	0.64	Reclaim
	21st Ave E, London Rd to Woodland	\$1,300,000	0.61	Mill & Overlay

<b>Total 2022 Miles</b>		<b>15.19</b>
<b>Total 2022 Construction Cost</b>	<b>\$7,130,500</b>	
<b><u>Maint, Engineering &amp; Contingency Cost</u></b>	<b><u>\$1,232,500</u></b>	
<b>Total 2022 Costs</b>	<b>\$8,363,000</b>	

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

**Project Title:**

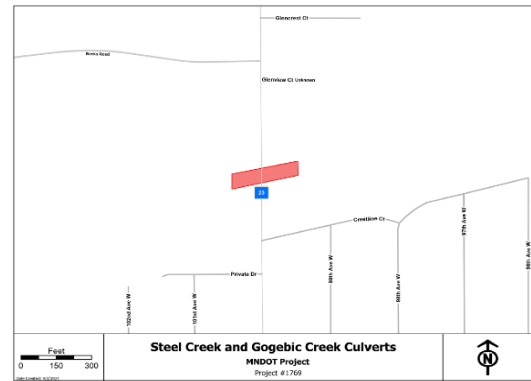
Gogebic Creek/Steel Creek (MNDOT)

**Description:**

Culvert replacement with MNDOT project.

**Funding Source:**

	2023
Utilities Funds	\$ 280,000
Street Lighting Fund	\$ 10,000
	\$ 290,000



**Project Title:**

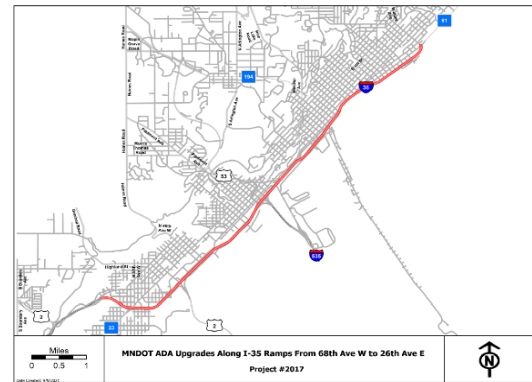
MNDOT ADA upgrades along I-35 ramps 68th Ave W to 26th Ave E (City Match)

**Description:**

ADA Ramp and sidewalk work adjacent to the I35 corridor, city match.

**Funding Source:**

	2024
State	\$ 200,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

**Project Title:**

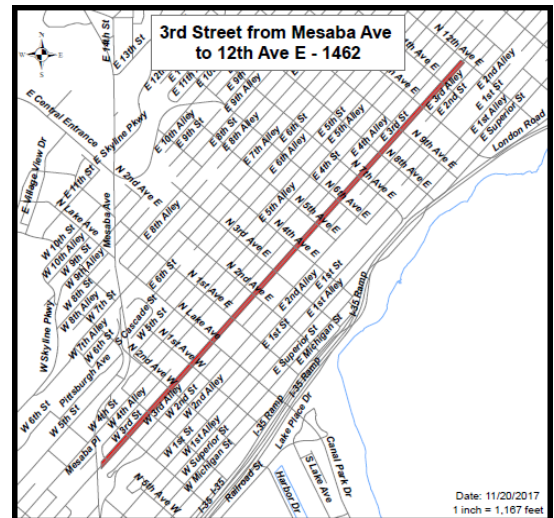
3rd St from Mesaba Ave to 12th Ave E

**Description:**

Street Reconditioning

**Funding Source:**

	2023
Federal	\$ 1,400,000
MSA	\$ 350,000
Street Lighting	\$ 750,000
	\$ 2,500,000



**Project Title:**

Cross City Trail Segment 3 from Irving Park to Keene Creek Park

**Description:**

Connecting the Cross City Trail to the Western part of the City.

**Funding Source:**

	2023
Federal	\$ 600,000
Parks Fund	\$ 210,000
	\$ 810,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

**Project Title:**

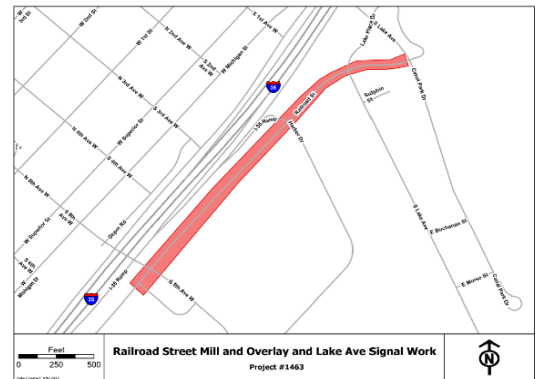
Railroad Street: Canal Park Dr to 5th Ave W

**Description:**

Reconditioning road post TPI

**Funding Source:**

	2024
Federal	\$ 1,480,000
MSA	\$ 370,000
Street Lighting	\$ 400,000
	\$ 2,250,000



**Project Title:**

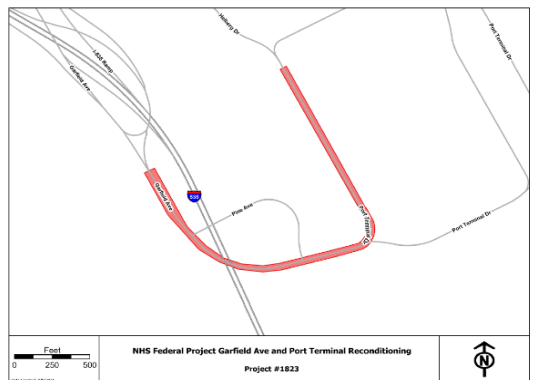
Garfield Ave and Port Terminal Reconditioning  
Engineering NHS Federal 2025 project

**Description:**

Reconditioning of street post TPI

**Funding Source:**

	2024 & 2025
Federal	\$ 360,000
MSA	\$ 100,000
	\$ 460,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

**Project Title:**

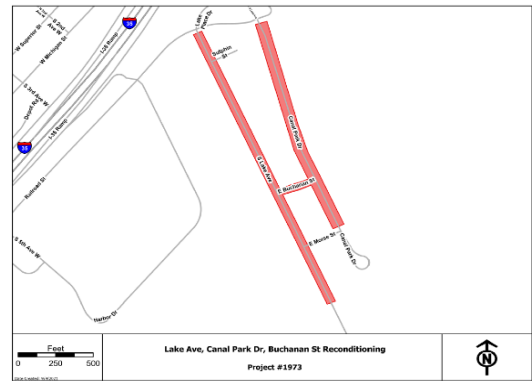
Lake Ave/Canal Park Dr/Buchanan St Reconditioning

**Description:**

Reconditioning streets for preservation

**Funding Source:**

	2025
Federal	\$ 1,480,000
MSA	\$ 720,000
Street System Maint. Levy	\$ 400,000
	\$ 2,600,000



**Project Title:**

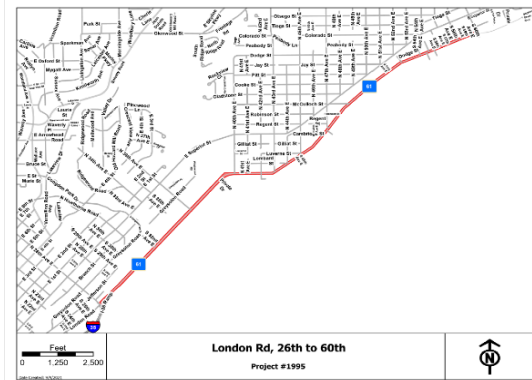
London Rd 26th Ave E to 60th Ave E (MNDOT)

**Description:**

Coordinate with MNDOT for reconditioning of London Rd (MN 61)

**Funding Source:**

	2025
MSA	\$ 2,000,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Street Improvement & Bridge Projects

**Project Title:**

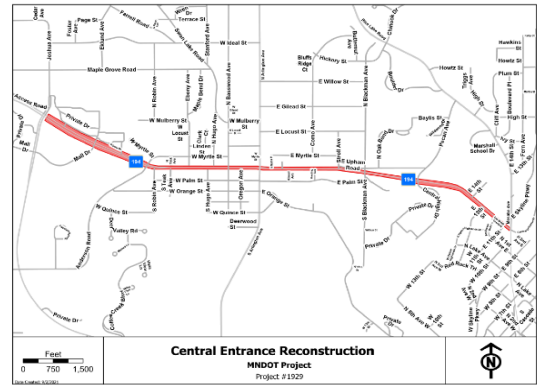
Central Ent Reconstuction (MNDOT)

**Description:**

Total reconstruction of roadway.

**Funding Source:**

	<u>2026</u>
MSA	\$ 1,300,000
Street Lighting Fund	\$ 400,000
	<u>\$ 1,700,000</u>



**Project Title:**

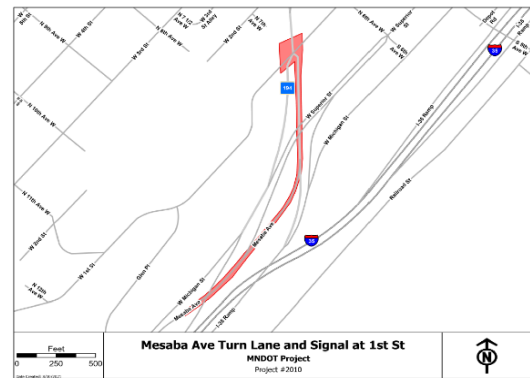
Mesaba Ave Turn Lane/Signal 1st St (MNDOT)

**Description:**

Traffic flow upgrades.

**Funding Source:**

	<u>2026</u>
Street Lighting Fund	\$ 300,000



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Capital Utility Projects Summary

#### Description:

Utility projects within the five year capital improvement plan primarily focus on the continued rehabilitation and replacement of aging infrastructure, as well as the continued extension of the city's natural gas system.

#### Operating Cost Implications of 2022 Approved Projects:

The Water Fund projects are for replacement and rehabilitation of the water system to increase system reliability and will have no operating expense impact. The Gas Fund projects will have very little operating expense impact with the exception of the gas main extensions, which will have minimal maintenance and corrosion protection costs offset by new customer account revenue. Sanitary Sewer projects for rehabilitation and relining will provide future savings to sanitary sewer treatment costs through a reduction of inflow and infiltration flows. Stormwater projects will result in indirect savings through cost avoidance of surface water damage.

Project	2022	2023	2024	2025	2026	Total
Water	6,155,000	5,227,500	2,082,500	4,287,500	2,500,000	20,252,500
Gas	2,695,000	2,850,000	3,070,000	2,250,000	2,250,000	13,115,000
Sewer	2,175,000	2,500,000	2,600,000	2,500,000	2,350,000	12,125,000
Stormwater	480,000	785,000	795,000	645,000	345,000	3,050,000
<b>Total</b>	<b>11,505,000</b>	<b>11,362,500</b>	<b>8,547,500</b>	<b>9,682,500</b>	<b>7,445,000</b>	<b>48,542,500</b>

Funding	2022	2023	2024	2025	2026	Total
ARP Fund	5,000,000	-	-	-	-	5,000,000
Water Revenue Bonds	-	2,600,000	-	-	-	2,600,000
Water - Current Revenue	1,155,000	2,627,500	2,082,500	4,287,500	2,500,000	12,652,500
Gas - Current Revenue	2,695,000	2,850,000	3,070,000	2,250,000	2,250,000	13,115,000
Sewer - Current Revenue	2,175,000	2,500,000	2,600,000	2,500,000	2,350,000	12,125,000
Stormwater - Current Revenue	480,000	785,000	795,000	645,000	345,000	3,050,000
<b>Total</b>	<b>11,505,000</b>	<b>11,362,500</b>	<b>8,547,500</b>	<b>9,682,500</b>	<b>7,445,000</b>	<b>48,542,500</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Water Capital Projects

**Description:**

The proposed water projects over the next five years include updating aging infrastructure by replacing those distribution mains with a high number of recurring leaks. Rehabilitation of primary transmission lines and pump station upgrades will increase system reliability to meet water demand. Significant improvements are required at the Lakewood Water Treatment Plant (WTP). Built in 1975, this aging facility requires renovation of electrical systems as well as structural repairs to both the treatment plant and pump building. In 2021 the City will issue a \$3.15 million bond to complete rehabilitation of the Middle Pump Station.

Operating Cost Implications of 2022 Approved Projects:

Project	2022	2023	2024	2025	2026	Total
1st St E: 9th Ave E to 12th Ave E	-	-	202,500	-	-	202,500
40th Avenue West (County)	-	-	600,000	-	-	600,000
4th Street water main, 6th Ave East to Mesaba Ave (design)	-	-	-	200,000	-	200,000
5th Street water main, 6th Ave East to Mesaba Ave	-	-	-	1,100,000	-	1,100,000
6th Ave East- 3rd St to 6th St	-	157,500	-	-	-	157,500
Cathodic Protection System on 42-inch steel construction	10,000	80,000	80,000	-	-	170,000
Duluth Heights Phases #1 and #2	-	490,000	-	-	-	490,000
Duluth Heights #3	-	-	-	-	1,000,000	1,000,000
Electrical upgrades at WTP	-	-	-	1,500,000	-	1,500,000
Far East Superior Street water main off 42-inch	-	300,000	300,000	700,000	-	1,300,000
Fascia repairs at main WTP pump building	-	100,000	-	-	-	100,000
Hidden Valley Phase 2 water main replacement	1,400,000	-	-	-	-	1,400,000
<b>Project Continued</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Water Capital Projects

Lead Service Line Revolving Loan Fund	2,000,000	-	-	-	-	2,000,000
Lead Service Replacement (ARP Funded)	1,600,000	-	-	-	-	1,600,000
Lead Service Replacement (Misc)	30,000	-	-	-	-	30,000
MNDOT Gogebic Creek	-	200,000	-	-	-	200,000
MNDOT TH23 Mission Creek Bridge	-	650,000	-	-	-	650,000
MNDOT US Steel Creek	-	120,000	-	-	-	120,000
Morris Thomas Rd. water main (County)	1,100,000	-	-	-	-	1,100,000
Pump #4 Study	-	-	-	-	50,000	50,000
Raleigh St, 59th Ave W to Grand Ave	-	530,000	-	-	-	530,000
Upper Lakeside phase 1, connection on Glenwood	-	-	900,000	-	-	900,000
Upper Lakeside phase 2, connection at golf course	-	-	-	787,500	-	787,500
Upper Lakeside phase 3 upgrades	-	-	-	-	800,000	800,000
Water Mains and Services (By Ops)	15,000	-	-	-	-	15,000
Water Plant Bldg & Structural Repairs	-	-	-	-	650,000	650,000
Woodland Pump Station construction	-	2,600,000	-	-	-	2,600,000
<b>Total</b>	<b>6,155,000</b>	<b>5,227,500</b>	<b>2,082,500</b>	<b>4,287,500</b>	<b>2,500,000</b>	<b>20,252,500</b>
<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
ARP Fund	5,000,000	-	-	-	-	5,000,000
Water Improvement Bonds	-	2,600,000	-	-	-	2,600,000
Water - Current Revenue	1,155,000	2,627,500	2,082,500	4,287,500	2,500,000	12,652,500
<b>Total</b>	<b>6,155,000</b>	<b>5,227,500</b>	<b>2,082,500</b>	<b>4,287,500</b>	<b>2,500,000</b>	<b>20,252,500</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Natural Gas Capital Projects

**Description:**

The proposed gas projects over the next five years include the continued extension of the system into unserved areas and the relocation of gas meters due to code requirements. Other significant costs include projects to replace existing thin wall plastic mains and older steel mains where leaks occur.

Operating Cost Implications of 2022 Approved Projects:

<b>Project</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
20th Ave W, 23rd Ave W, 10th St	-	500,000	500,000	-	-	1,000,000
3rd St, Vernon St, 2nd St Alley	200,000	-	-	-	-	200,000
Building shell at Stora Enso	140,000	-	-	-	-	140,000
Gas Blanket Project	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Meter relocations/bollards	250,000	250,000	250,000	250,000	250,000	1,250,000
Michigan Street 10-inch	120,000	-	-	-	-	120,000
MNDOT Central entrance, 8 inch replacement	-	-	320,000	-	-	320,000
MNDOT Gogebic culverts	-	100,000	-	-	-	100,000
Patch Projects	10,000	-	-	-	-	10,000
Steel main replacements	440,000	500,000	500,000	500,000	500,000	2,440,000
Street Projects	30,000	-	-	-	-	30,000
Uprating of Upper Woodland	5,000	-	-	-	-	5,000
<b>Total</b>	<b>2,695,000</b>	<b>2,850,000</b>	<b>3,070,000</b>	<b>2,250,000</b>	<b>2,250,000</b>	<b>13,115,000</b>
<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Gas - Current Revenue	2,695,000	2,850,000	3,070,000	2,250,000	2,250,000	13,115,000
<b>Total</b>	<b>2,695,000</b>	<b>2,850,000</b>	<b>3,070,000</b>	<b>2,250,000</b>	<b>2,250,000</b>	<b>13,115,000</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Sanitary Sewer Capital Projects

**Description:**

The proposed sanitary sewer projects over the next five years focus on the continued lining or rehabilitation of leaking pipes and the reconstruction of sanitary sewer lift stations located throughout the city.

Operating Cost Implications of 2022 Approved Projects:

<b>Project</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
40th Ave W with SLC	-	-	50,000	-	-	50,000
4th St Water main Replace 6th Ave E to Mesaba Ave				150,000	-	150,000
Citywide manhole adjustments	50,000	50,000	50,000	50,000	50,000	250,000
Citywide sanitary sewer rehabilitation/lining	1,425,000	1,900,000	1,950,000	1,850,000	1,850,000	8,975,000
Heights 1 & 2	-	100,000	100,000	-	-	200,000
Lift Station rehabilitation	450,000	450,000	450,000	450,000	450,000	2,250,000
Miscellaneous Street Projects	100,000					100,000
Morris Thomas with SLC	150,000	-	-	-	-	150,000
PW&U Garfield Facility roof	-	-	-	-	-	-
<b>Total</b>	<b>2,175,000</b>	<b>2,500,000</b>	<b>2,600,000</b>	<b>2,500,000</b>	<b>2,350,000</b>	<b>12,125,000</b>
<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
	-	-	-	-	-	
Sewer - Current Revenue	2,175,000	2,500,000	2,600,000	2,500,000	2,350,000	12,125,000
<b>Total</b>	<b>2,175,000</b>	<b>2,500,000</b>	<b>2,600,000</b>	<b>2,500,000</b>	<b>2,350,000</b>	<b>12,125,000</b>



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022-2026 Capital Improvement Plan

### Stormwater Capital Projects

**Description:**

The proposed stormwater projects over the next five years include continued replacement of failing storm sewer lines and large culverts. Reconstruction of Chester, Clarkhouse, Gogebic, Greys and Lower Coffee Creeks is planned to repair deteriorated public infrastructure. Significant costs will occur in the repair and replacement of storm sewer in steep slope areas that discharge into streams located throughout the city.

Operating Cost Implications of 2022 Approved Projects:

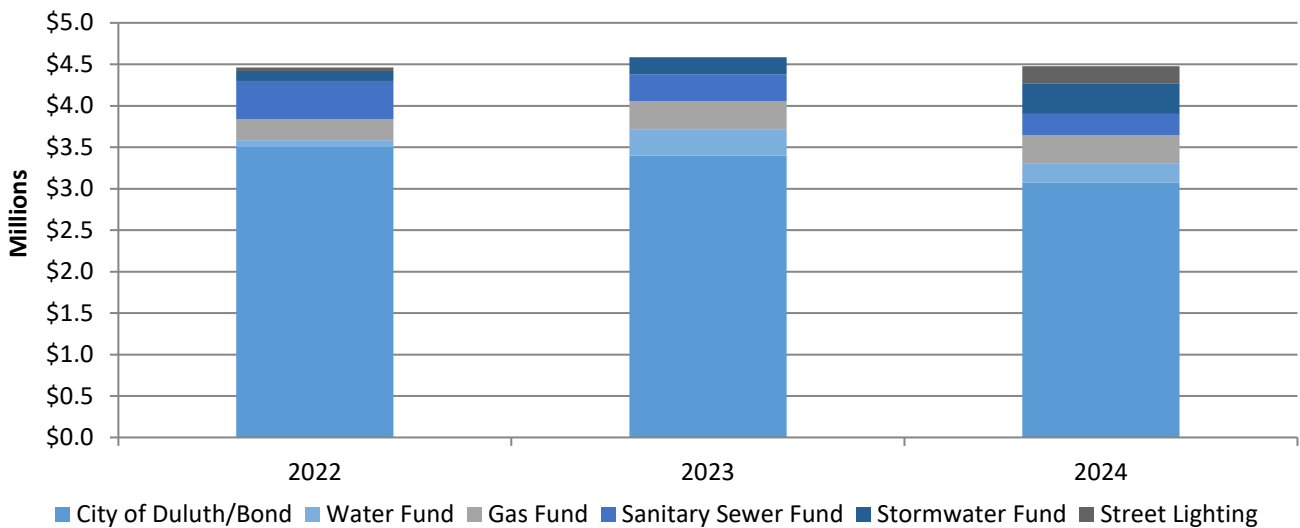
<b>Project</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Annual Transportation SIP projects	150,000	150,000	150,000	150,000	150,000	750,000
40th Ave W (County)	-	-	150,000	-	-	150,000
Citywide manhole adjustments	50,000	50,000	50,000	50,000	50,000	250,000
Clarkhouse Creek	100,000	-	-	-	-	100,000
Gogebic Creek CIPP and storm improvements		275,000	-	-	-	275,000
Hidden Valley 2	25,000	-	-	-	-	25,000
Kenwood Avenue box culvert fish passage - Chester Creek	-	40,000	300,000	300,000	-	640,000
Lower Coffee Creek	-	100,000	-	-	-	100,000
Morris Thomas Road (County)	10,000	20,000	-	-	-	30,000
Non-Capital storm projects	145,000	145,000	145,000	145,000	145,000	725,000
US Steel Creek	-	5,000	-	-	-	5,000
<b>Total</b>	<b>480,000</b>	<b>785,000</b>	<b>795,000</b>	<b>645,000</b>	<b>345,000</b>	<b>3,050,000</b>
<b>Funding</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
Stormwater - Current Revenue	480,000	785,000	795,000	645,000	345,000	3,050,000
<b>Total</b>	<b>480,000</b>	<b>785,000</b>	<b>795,000</b>	<b>645,000</b>	<b>345,000</b>	<b>3,050,000</b>

# City of Duluth Minnesota - 2022 Budget

## Capital Equipment Plan

### Three Year Proposed Equipment Plan:

The objective of the City’s three-year capital equipment plan is to identify equipment needs, determine financial impacts, prioritize requests, and develop a comprehensive financial plan. The City has developed a viable multi-year capital equipment plan which is achievable within expected available resources. \$13.52 million in equipment purchases are proposed in this plan for the period of 2022 through 2024. Of that total, \$9.97 million of equipment will be financed using bond proceeds and the balance of \$3.55 million will be paid for using utility revenues and street lighting property tax levy. Shown in the chart below are the various funding sources by year for the plan.



	2022	2023	2024	Total
City of Duluth/Bond	3,500,000	3,400,000	3,072,000	9,972,000
Water Fund	86,400	316,100	235,700	638,200
Gas Fund	253,100	340,300	335,800	929,200
Sanitary Sewer Fund	461,000	323,900	257,900	1,042,800
Stormwater Fund	119,000	204,100	363,600	686,700
Street Lighting	42,000	-	210,000	252,000
<b>Total Plan</b>	<b>4,461,500</b>	<b>4,584,400</b>	<b>4,475,000</b>	<b>13,520,900</b>

# City of Duluth Minnesota - 2022 Budget

## Capital Equipment Plan

### 2022 Proposed Equipment:

The City's proposed 2022 capital equipment plan includes \$4.46 million for capital equipment purchases, of which \$3.50 million will be financed using bond proceeds and the remaining \$.96 million will be paid for from utility revenues and the street lighting property tax levy.

For 2022, the City is proposing bonding for rolling stock purchases in the amount of \$1.65 million comprised of Fire vehicles and equipment totaling \$122,500; Construction Services vehicles and equipment totaling \$52,500; Police vehicles and equipment totaling \$525,000; Facilities vehicles and equipment totaling \$40,000; Park Maintenance vehicles and equipment totaling \$246,000; Parks and Rec vehicles and equipment totaling \$59,000; Street Maintenance vehicles and equipment totaling \$550,000; Library vehicles and equipment totaling \$35,000; and Transportation Engineering vehicles and equipment totaling \$20,000. For 2022 the City is also proposing bonding for non-rolling stock equipment in the amount of \$1.85 million for technology improvements and replacements, Fire equipment, and Police equipment.

The breakdown of equipment purchases for the utility funds in 2022 includes \$60,000 for non-rolling stock equipment and \$901,500 for rolling stock vehicles for a total of \$961,500 in 2022; to be paid for using utility revenues and the street lighting property tax levy.

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Rolling Stock Vehicles

	2022	2023	2024	Total
<b>Fire Department</b>				
Vehicles and Equipment	122,500	120,000	95,000	337,500
Subtotal Fire Department	122,500	120,000	95,000	337,500
<b>Construction Services</b>				
Vehicles and Equipment	52,500	30,000	-	82,500
Subtotal Construction Services	52,500	30,000	-	82,500
<b>Police Department</b>				
Vehicles and Equipment	525,000	554,600	605,000	1,684,600
Subtotal Police Department	525,000	554,600	605,000	1,684,600
<b>Facilities Management</b>				
Vehicles and Equipment	40,000	46,000	-	86,000
Subtotal Facilities Management	40,000	46,000	-	86,000
<b>Park Maintenance</b>				
Vehicles and Equipment	246,000	91,000	250,000	587,000
Subtotal Park Maintenance	246,000	91,000	250,000	587,000
<b>Parks and Rec</b>				
Vehicles and Equipment	59,000	33,400	40,000	132,400
Subtotal Parks Department	59,000	33,400	40,000	132,400
<b>Street Maintenance</b>				
Vehicles and Equipment	550,000	800,000	550,000	1,900,000
Subtotal Street Maintenance	550,000	800,000	550,000	1,900,000
<b>Library</b>				
Vehicles and Equipment	35,000	-	-	35,000
Subtotal Library	35,000	-	-	35,000
<b>Transportation Engineering</b>				
Vehicles and Equipment	20,000	-	34,000	54,000
Subtotal Transportation Engineering	20,000	-	34,000	54,000
<b>Rolling Stock Bond Total</b>	<b>1,650,000</b>	<b>1,675,000</b>	<b>1,574,000</b>	<b>4,899,000</b>

# City of Duluth Minnesota - 2022 Budget

## Estimated Operating Costs for 2022 Rolling Stock Vehicles

Item Description	2022	2023	2024	2025	2026	2027	6-year total
Construction Svcs SUVs (2)	650	775	900	1,700	1,575	1,425	7,037
Engineering Sedan	400	1,850	1,600	600	1,100	1,100	6,652
Facilities Van	1,225	725	450	750	1,800	2,825	7,771
Fire Sedan (2)	400	1,850	1,600	600	1,100	1,100	6,652
Fire Pickup Squad	4,175	6,250	5,375	2,475	2,275	2,200	22,708
Fire SUV Squad	4,175	6,250	5,375	2,475	2,275	2,200	22,708
Library Mini Van	625	200	1,900	900	1,950	825	6,417
Park Maint Wood Chipper	500	500	1,000	1,000	1,500	825	5,315
Park Maint Sidewalk Cleaner	4,275	7,325	7,700	9,725	10,850	11,400	51,283
Parks and Rec Van (2) Avg	1,225	725	450	750	1,800	2,825	7,771
Police SUV Squads (10) Avg	4,175	6,250	5,375	2,475	2,275	2,200	22,708
PW&U Welding Trailer	500	500	1,000	1,000	1,500	825	5,315
PW&U Service Body (2) Avg	2,300	675	1,100	1,725	2,600	3,225	11,616
PW&U Pickup	2,300	675	1,100	1,725	2,600	3,225	11,616
PW&U Rodder	3,575	3,775	4,375	5,750	5,350	6,025	28,863
PW&U Step Vans (2) Avg	3,575	3,775	4,375	5,750	5,350	6,025	28,863
PW&U Pump Trailer	500	500	1,000	1,000	1,500	825	5,315
Street Maint Pickup (2) Avg	2,300	675	1,100	1,725	2,600	3,225	11,616
Streets Plow Trucks (2) Avg	8,625	13,325	20,525	19,100	26,475	26,650	114,689

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Rolling Stock Vehicle Goals\*

\*We may need to substitute a piece of equipment on the replacement plan with an item on the backlog list if the other asset has a major mechanical failure or requires costly repairs.

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#### Fire Department - Life Safety Vehicle

**Description:**

This vehicle is used by Life Safety to provide timely inspections on properties.

**Funding Source:**

Capital Equipment Bond

FY 2022

25,500



**City Priority Strategic Alignment:**

City Priority

Safe and Secure Community

Definition

Livable Community: Ensure regulatory compliance in order to provide clean and well-maintained neighborhoods to protect property the environment and the lives and health of its residents and visitors

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#### Fire Department - Tahoe Response Vehicle

**Description:**

A light response vehicle is used for emergency response purposes and so reduces the wear and tear on an expensive engine pumper apparatus.

**Funding Source:**

Capital Equipment Bond

FY 2022

50,000



**City Priority Strategic Alignment:**

City Priority

Safe and Secure Community

Definition

Service Response: Provides for a well-planned, effective and prompt response to emergencies of all kinds, including individual calls for service, fires, public safety threats and natural disasters

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# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Rolling Stock Vehicle Goals\*

\*We may need to substitute a piece of equipment on the replacement plan with an item on the backlog list if the other asset has a major mechanical failure or requires costly repairs.

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#### Fire Department - Crew Cab Rapid Response Vehicle

**Description:**

A light response vehicle is used for emergency response purposes and so reduces the wear and tear on an expensive engine pumper apparatus.

**Funding Source:**

FY 2022

Capital Equipment Bond

47,000

**City Priority Strategic Alignment:**

City Priority

Safe and Secure Community

Definition

Service Response: Provides for a well-planned, effective and prompt response to emergencies of all kinds, including individual calls for service, fires, public safety threats and natural disasters



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#### Construction Services - Inspector Vehicle

**Description:**

Used for Inspectors to visit construction sites where Inspectors spend over 80% of their time.

**Funding Source:**

FY 2022

Capital Equipment Bond

52,500

**City Priority Strategic Alignment:**

City Priority

Livable Neighborhoods and Affordable Housing

Definition

Development/Redevelopment: Encourage and support strategically planned, well-designed and uniformly regulated mixed-use development and redevelopment, enhancing its desirability as a great place to live and work



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Rolling Stock Vehicle Goals\*

\*We may need to substitute a piece of equipment on the replacement plan with an item on the backlog list if the other asset has a major mechanical failure or requires costly repairs.

#### Police Department - Police Vehicles

**Description:**

Annual police vehicle replacement is required for overall police fleet sustainability. The Duluth Police Dept. needs to ensure our police vehicles are safe, efficient and functional in order to meet the expectations of our community.



**Funding Source:**

FY 2022

Capital Equipment Bond

525,000

Fun Fact: The DPD will travel approximately 1.5 million miles annually.

**City Priority Strategic Alignment:**

City Priority

Safe and Secure Community

Definition

Safety Presence: Fosters a feeling of personal safety through a visible and approachable public safety presence, proactive prevention, community care-taking and education

#### Facilities Management - 4WD Service Van

**Description:**

This is a mobile maintenance shop that transports people and tools to on-site locations throughout the City to provide maintenance services.



**Funding Source:**

FY 2022

Capital Equipment Bond

40,000

**City Priority Strategic Alignment:**

City Priority

Infrastructure

Definition

Facilities: Continuously improve and invest in a well-maintained, safe and effective public infrastructure network and accessible, efficient, adequately regulated city facilities



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Rolling Stock Vehicle Goals\*

\*We may need to substitute a piece of equipment on the replacement plan with an item on the backlog list if the other asset has a major mechanical failure or requires costly repairs.

#### Park Maintenance - Sidewalk Cleaner

**Description:**

This is used primarily for snow blowing and sweeping City sidewalks.

**Funding Source:**

Capital Equipment Bond

FY 2022

197,000



**City Priority Strategic Alignment:**

City Priority  
Infrastructure

Definition

Transportation: Continually invest in building and improving a well-designed, well-maintained, accessible transportation system of safe and sustainable roadways, street lights, sidewalks and bridges

#### Park Maintenance - Stump Grinder

**Description:**

This unit is used to grind stumps after a tree is removed to remove the stump and roots. It can also be used to dig holes for planting trees.

**Funding Source:**

Capital Equipment Bond

FY 2022

49,000



**City Priority Strategic Alignment:**

City Priority  
Green Space and Energy Conservation

Definition

Open Space Development: Design, develop and enhance its parks, trails, open spaces and recreation facilities, ensuring they are sustainable, convenient, safe, accessible, attractive and well-maintained

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Rolling Stock Vehicle Goals\*

\*We may need to substitute a piece of equipment on the replacement plan with an item on the backlog list if the other asset has a major mechanical failure or requires costly repairs.

#### Parks and Rec - Two Full Size Vans

##### Description:

These vans would allow us to serve more of the community by allowing us to bring participants to parks they would otherwise never see or have known existed.



##### Funding Source:

FY 2022

Capital Equipment Bond

59,000

##### City Priority Strategic Alignment:

###### City Priority

Green Space and Energy Conservation

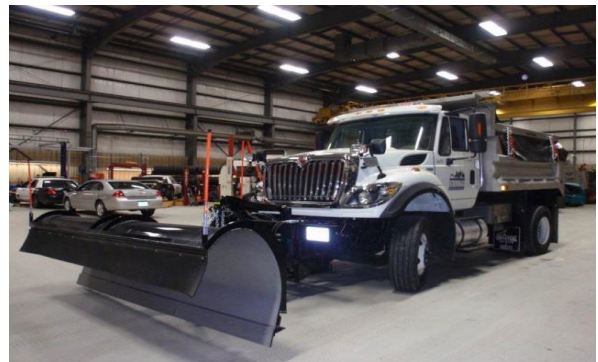
###### Definition

Open Space Development: Design, develop and enhance its parks, trails, open spaces and recreation facilities, ensuring they are sustainable, convenient, safe, accessible, attractive and well-maintained

#### Street Maintenance - Retro Fit Plow Trucks

##### Description:

Plow trucks are used for snow plowing, sanding of roads, hauling blacktop, gravel, sand, salt, and other materials.



##### Funding Source:

FY 2022

Capital Equipment Bond

470,000

##### City Priority Strategic Alignment:

###### City Priority

Infrastructure

###### Definition

Transportation: Continually invest in building and improving a well-designed, well-maintained, accessible transportation system of safe and sustainable roadways, street lights, sidewalks and bridges

Fun Fact: In addition to hauling sand/salt & blacktop, each truck will plow approximately 20,000 cu.ft. of snow

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Rolling Stock Vehicle Goals\*

\*We may need to substitute a piece of equipment on the replacement plan with an item on the backlog list if the other asset has a major mechanical failure or requires costly repairs.

#### Street Maintenance - 3/4 Ton Pickups

**Description:**

Used to transport employees and materials to job sites.

**Funding Source:**

Capital Equipment Bond

FY 2022

80,000

**City Priority Strategic Alignment:**

City Priority  
Infrastructure

Definition

Transportation: Continually invest in building and improving a well-designed, well-maintained, accessible transportation system of safe and sustainable roadways, street lights, sidewalks and bridges



#### Library - Delivery Van

**Description:**

This van is used to transport bins full of books among the library's three locations each day. It is occasionally used for outreach events, such as going to a farmer's market or community center, or for out-of-town travel to library conferences or workshops.

**Funding Source:**

Capital Equipment Bond

FY 2022

35,000

**City Priority Strategic Alignment:**

City Priority  
Culture and Recreation

Definition

Arts and Libraries: Ensure access to public libraries, museums, theater and performance groups, information resources, literacy enhancement and life-long learning opportunities for all ages.



Fun Fact: The library delivery van has been used five days a week since 2008.

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Rolling Stock Vehicle Goals\*

\*We may need to substitute a piece of equipment on the replacement plan with an item on the backlog list if the other asset has a major mechanical failure or requires costly repairs.

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#### Transportation Engineering - Engineering Vehicle

**Description:**

This vehicle is used in engineering services, including inspections and construction project supervision at locations throughout the city.

**Funding Source:**

Capital Equipment Bond

FY 2022

20,000



**City Priority Strategic Alignment:**

City Priority

Livable Neighborhoods and Affordable Housing

Definition

Development/Redevelopment: Encourage and support strategically planned, well-designed and uniformly regulated mixed-use development and redevelopment, enhancing its desirability as a great place to live and work

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# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Non-Rolling Stock Equipment

	2022	2023	2024	Total
<b>IT</b>				
Life Cycle Projects	1,255,000	1,210,000	770,000	3,235,000
Innovation Projects	65,000	115,000	555,000	735,000
Subtotal IT	1,320,000	1,325,000	1,325,000	3,970,000
<b>Fire</b>				
Water rescue equipment	20,000	-	-	20,000
Extractors	15,000	-	-	15,000
Rope rescue equipment	-	-	20,000	20,000
Personal Protection Equipment	95,000	65,000	68,000	228,000
SCBA	325,000	325,000	-	650,000
Portable Radios	45,000	-	-	45,000
Medical Bags	-	10,000	-	10,000
Subtotal Fire	500,000	400,000	88,000	988,000
<b>Police</b>				
Police Equipment	30,000	-	25,000	55,000
Subtotal Police	30,000	-	25,000	55,000
<b>Transportation Engineering</b>				
Engineering GPS Units	-	-	60,000	60,000
	-	-	60,000	60,000
<b>Non-Rolling Stock Bond Total</b>	<b>1,850,000</b>	<b>1,725,000</b>	<b>1,498,000</b>	<b>5,073,000</b>

# City of Duluth Minnesota - 2022 Budget

## Operating Costs for Non Rolling Stock Equipment

Item Description	2022	2023	2024	2025	2026	2027	6-year total
Police Video Consolidation	\$ 23,100	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,023,100
Network Equipment							
Replacements	\$ 20,000	\$ 30,000	\$ 20,000	\$ 30,000	\$ 20,000	\$ 20,000	\$ 140,000
Police RMS System	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
ARMER Radio Replacements	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 120,000
Document Mgt	\$ 40,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 100,000	\$ 100,000	\$ 450,000
Security Regulations	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000	\$ 90,000
Knox Box Replacements	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 20,000
TRAKiT Replacement	\$ -	\$ -	\$ 20,000	\$ 20,000	\$ 25,000	\$ 25,000	\$ 90,000
Atty File Management	\$ -	\$ 30,000	\$ 30,000	\$ 32,000	\$ 34,000	\$ 36,000	\$ 162,000
Community Center Technology	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Library Scan and Fax	\$ -	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 6,000

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Non-Rolling Stock Equipment

#### IT - Life Cycle Projects

##### Description:

Technology solutions have a usable and effective life span. Life cycle replacement projects are designed to maintain functionality and user productivity through acquiring, tracking, supporting and decommissioning existing technology solutions.



##### Life Cycle Project Goals:

	<u>2022-2024</u>
Police Video Consolidation	400,000
Radio Replacements	515,000
Enterprise Wide PC/Laptop	700,000
EOL Phone Refresh	100,000
Firewall Replacement (3) +Analyzer	115,000
Fire MDC Replacement	50,000
Router Replacements	80,000
Core Switch Replacement	40,000
Camera System Hardware Replacements	65,000
Pictometry/Lidar Imagery	30,000
Civil Defense Siren Replacement	350,000
Network Equipment Replacements	600,000
Conference Room Technology Needs	50,000
Security Regulations	50,000
NOC Network Blades	20,000
Backup Server Replacements	20,000
Priority Two Storage	50,000
<b>Total</b>	<b>3,235,000</b>

\*estimated project costs

##### City Priority Strategic Alignment:

###### City Priority

Innovation and Excellence in Service

###### Definition

Customer Service: Ensures timely and effective two-way communication with internal customers, residents, and businesses providing equal access to information encouraging input from all areas of the organization and the community at large



##### Funding Source:

Capital Equipment Bond	3,235,000
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Fun Fact: The City hosts over 5,000 network devices and more than 250 applications and integrations across 42 City facilities.

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Non-Rolling Stock Equipment

#### IT - Innovation Projects

##### Description:

Innovation projects encompass the creation, development and/or implementation of a new product, process or service, with the aim of aligning technology projects to the City wide organizational goals.



Fun Fact: Professionals spend 5 – 15 percent of their time reading information, but up to 50 percent looking for it.

##### Innovation Project Goals:

	<u>2022-2024</u>	*estimated project costs
Community Center Technology	35,000	
Ballot Box Camera	5,000	
Library Scan and Fax	25,000	
ITSC Project Planning	460,000	
Document Mgt	200,000	
PC / Peripheral Adds	10,000	
<b>Total</b>	<b>735,000</b>	



Fun Fact: In the US, there is a hacker attack every 39 seconds. The global average cost of a data breach is \$3.9 million. 95% of cybersecurity breaches are due to human error. Since COVID-19, the US FBI reported a 300% increase in reported cybercrimes.

##### Funding Source:

Capital Equipment Bond	735,000
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##### City Priority Strategic Alignment:

###### City Priority

Innovation and Excellence in Service

###### Definition

Customer Service: Ensures timely and effective two-way communication with internal customers, residents, and businesses providing equal access to information encouraging input from all areas of the organization and the community at large



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Non-Rolling Stock Equipment

#### Fire - Water rescue equipment

**Description:**

This equipment will replace out of service rescue suits and upgrade to beach and swift water suits and equipment.

**Funding Source:**

FY 2022

Capital Equipment Bond

20,000

**City Priority Strategic Alignment:**

City Priority

Safe and Secure Community

Definition

Service Response: Provides for a well-planned, effective and prompt response to emergencies of all kinds, including individual calls for service, fires, public safety threats and natural disasters



#### Fire - Extractor

**Description:**

An extractor is a specialized commercial wash machine which is used to clean turnout gear after it has been worn on a fire scene or hazmat call.

**Funding Source:**

FY 2022

Capital Equipment Bond

15,000

**City Priority Strategic Alignment:**

City Priority

Safe and Secure Community

Definition

Service Response: Provides for a well-planned, effective and prompt response to emergencies of all kinds, including individual calls for service, fires, public safety threats and natural disasters



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Non-Rolling Stock Equipment

#### Fire - Personal Protection Equipment

**Description:**

This equipment will be replaced in compliance with industry standards for cancer reduction and prevention.



Fun Fact: The jacket weighs up to 15 lbs and the pants weigh up to 30 lbs. That's why firefighters always wear suspenders. The knees have special material for all the crawling they do.

**Funding Source:**

FY 2022

Capital Equipment Bond

95,000

**City Priority Strategic Alignment:**

City Priority

Safe and Secure Community

Definition

Service Response: Provides for a well-planned, effective and prompt response to emergencies of all kinds, including individual calls for service, fires, public safety threats and natural disasters

#### Fire - SCBA

**Description:**

A self-contained breathing apparatus (SCBA) is a respiratory device that contains and delivers breathable compressed air.



**Funding Source:**

FY 2022

Capital Equipment Bond

325,000

**City Priority Strategic Alignment:**

City Priority

Safe and Secure Community

Definition

Service Response: Provides for a well-planned, effective and prompt response to emergencies of all kinds, including individual calls for service, fires, public safety threats and natural disasters

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Non-Rolling Stock Equipment

#### Fire - Portable Radios

**Description:**

Portable radios are essential to firefighters in the operations for receiving notification from 911 dispatch and communications during emergency response.

**Funding Source:**

Capital Equipment Bond

FY 2022

45,000



**City Priority Strategic Alignment:**

City Priority

Safe and Secure Community

Definition

Service Response: Provides for a well-planned, effective and prompt response to emergencies of all kinds, including individual calls for service, fires, public safety threats and natural disasters

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### Utility Funds Capital Equipment Summary

	2022	2023	2024	Total
<b>Water Fund</b>				
Cars/Pick-ups	13,600	6,200	56,200	76,000
Trucks/Vans	54,800	49,500	112,100	216,400
Dump Trucks	-	81,900	-	81,900
Excavator/Vactor	-	145,800	50,600	196,400
Other Rolling Stock	3,000	17,700	1,800	22,500
Non-Rolling Capital Equipment	15,000	15,000	15,000	45,000
Subtotal Water Fund	86,400	316,100	235,700	638,200
<b>Gas Fund</b>				
Cars/Pick-ups	54,400	12,400	101,900	168,700
Trucks/Vans	171,700	210,300	120,800	502,800
Dump Trucks	-	18,900	18,900	37,800
Excavator/Vactor	-	57,000	77,400	134,400
Other Rolling Stock	12,000	26,700	-	38,700
Non-Rolling Capital Equipment	15,000	15,000	16,800	46,800
Subtotal Gas Fund	253,100	340,300	335,800	929,200
<b>Sanitary Sewer Fund</b>				
Cars/Pick-ups	-	64,200	26,500	90,700
Trucks/Vans	234,000	104,100	100,000	438,100
Dump Trucks	-	12,600	12,600	25,200
Excavator/Vactor	92,000	49,500	42,000	183,500
Other Rolling Stock	120,000	78,500	61,800	260,300
Non-Rolling Capital Equipment	15,000	15,000	15,000	45,000
Subtotal Sanitary Sewer Fund	461,000	323,900	257,900	1,042,800
<b>Stormwater Fund</b>				
Cars/Pick-ups	-	6,200	3,400	9,600
Trucks/Vans	104,000	104,100	100,000	308,100
Dump Trucks	-	12,600	12,600	25,200
Excavator/Vactor	-	35,700	220,000	255,700
Other Rolling Stock	-	30,500	-	30,500
Non-Rolling Capital Equipment	15,000	15,000	27,600	57,600
Subtotal Stormwater Fund	119,000	204,100	363,600	686,700
<b>Street Lighting Fund</b>				
Pick-ups	42,000	-	210,000	252,000
Subtotal Street Lighting Fund	42,000	-	210,000	252,000
<b>Utility Funds Total</b>	<b>961,500</b>	<b>1,184,400</b>	<b>1,403,000</b>	<b>3,548,900</b>

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Utilities Rolling Stock Vehicles

#### Public Works and Utilities - Utility Engineering

Midsized Pickup Truck

##### Description:

Transportation of employees and materials to projects in the field.

##### Funding Source:

FY 2022

Gas Fund

30,500

##### City Priority Strategic Alignment:

City Priority

Infrastructure

Definition

Transportation: Continually invest in building and improving a well-designed, well-maintained, accessible transportation system of safe and sustainable roadways, street lights, sidewalks and bridges



#### Public Works and Utilities - Customer Service

Pickup Truck

##### Description:

Transportation of employees, materials and mobile office while in the field.

##### Funding Source:

FY 2022

Water Fund

6,600

Gas Fund

26,400

Total

33,000

##### City Priority Strategic Alignment:

City Priority

Infrastructure

Definition

Transportation: Continually invest in building and improving a well-designed, well-maintained, accessible transportation system of safe and sustainable roadways, street lights, sidewalks and bridges



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Utilities Rolling Stock Vehicles

#### Public Works and Utilities - Customer Service

Three Service Vans

#### Description:

These replacements will be used for the installation of water and gas services and meters as well as provide natural gas appliance repairs.

#### Funding Source:

	<u>FY 2022</u>
Water Fund	28,800
Gas Fund	115,200
<b>Total</b>	<b>144,000</b>



#### City Priority Strategic Alignment:

##### City Priority

Infrastructure

##### Definition

Utilities: Design, build, improve and proactively maintain a utility infrastructure system that provides safe, affordable and reliable water, sewer, storm drainage, natural gas, steam and hot water services to the community

#### Public Works and Utilities - Utility Operations

Mechanical Rodder

#### Description:

This truck mechanically clears the sewer conveyance systems.

#### Funding Source:

FY 2022

Sanitary Sewer Fund	92,000
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#### City Priority Strategic Alignment:

##### City Priority

Infrastructure

##### Definition

Utilities: Design, build, improve and proactively maintain a utility infrastructure system that provides safe, affordable and reliable water, sewer, storm drainage, natural gas, steam and hot water services to the community

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Utilities Rolling Stock Vehicles

#### Public Works and Utilities - Utility Operations

Step Van Construction

#### Description:

This van uses cameras to monitor the condition of the conveyance systems.

#### Funding Source:

	<u>FY 2022</u>
Water Fund	13,000
Gas Fund	13,000
Sanitary Sewer Fund	91,000
Storm Fund	13,000
<b>Total</b>	<b>130,000</b>



#### City Priority Strategic Alignment:

##### City Priority

Infrastructure

##### Definition

Utilities: Design, build, improve and proactively maintain a utility infrastructure system that provides safe, affordable and reliable water, sewer, storm drainage, natural gas, steam and hot water services to the community

#### Public Works and Utilities - Utility Operations

6" Pump for Sanitary

#### Description:

It's used for bypassing plugged sewer lines or shut down lift stations. It can also be used for dewatering things such as large main breaks.

#### Funding Source:

	<u>FY 2022</u>
Sanitary Sewer Fund	120,000



#### City Priority Strategic Alignment:

##### City Priority

Infrastructure

##### Definition

Utilities: Design, build, improve and proactively maintain a utility infrastructure system that provides safe, affordable and reliable water, sewer, storm drainage, natural gas, steam and hot water services to the community

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Utilities Rolling Stock Vehicles

#### Public Works and Utilities - Utility Operations

1 Ton Pickup Truck with Crane

##### Description:

The transport of materials and trailered equipment for utility repair and maintenance activities.



##### Funding Source:

FY 2022

Sanitary Sewer Fund

130,000

##### City Priority Strategic Alignment:

###### City Priority

Infrastructure

###### Definition

Utilities: Design, build, improve and proactively maintain a utility infrastructure system that provides safe, affordable and reliable water, sewer, storm drainage, natural gas, steam and hot water services to the community

#### Public Works and Utilities - Utility Operations

1 Ton Pickup with Flatbed for Welders

##### Description:

The transport of materials and trailered equipments for utility repair and maintenance activities.



##### Funding Source:

FY 2022

Water Fund

7,000

Gas Fund

28,000

Total

35,000

##### City Priority Strategic Alignment:

###### City Priority

Infrastructure

###### Definition

Utilities: Design, build, improve and proactively maintain a utility infrastructure system that provides safe, affordable and reliable water, sewer, storm drainage, natural gas, steam and hot water services to the community



# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Utilities Rolling Stock Vehicles

#### Public Works and Utilities - Street Lighting

Pickup Truck

**Description:**

Transportation of employees, materials and mobile office while in the field.

**Funding Source:**

FY 2022

Street Lighting Fund

42,000

**City Priority Strategic Alignment:**

City Priority

Infrastructure

Definition

Utilities: Design, build, improve and proactively maintain a utility infrastructure system that provides safe, affordable and reliable water, sewer, storm drainage, natural gas, steam and hot water services to the community



#### Public Works and Utilities - Utility Operations

Step Van Construction

**Description:**

Transportation of employees, construction materials and mobile office while in the field.

**Funding Source:**

FY 2022

Water Fund

13,000

Gas Fund

13,000

Sanitary Sewer Fund

13,000

Stormwater Fund

91,000

Total 130,000



**City Priority Strategic Alignment:**

City Priority

Infrastructure

Definition

Transportation: Continually invest in building and improving a well-designed, well-maintained, accessible transportation system of safe and sustainable roadways, street lights, sidewalks and bridges

# City of Duluth Minnesota - 2022 Budget

## City of Duluth 2022 - 2024 Capital Equipment Program

### City of Duluth Other Rolling/Non-Rolling Stock Equipment

#### Public Works & Utilities - Utility Operations

Welder

**Description:**

Welding and joining water and gas pipes.

**Funding Source:**

	<u>FY 2022</u>
Water Fund	3,000
Gas Fund	<u>12,000</u>
<b>Total</b>	<b>15,000</b>



**City Priority Strategic Alignment:**

City Priority

Infrastructure

Definition

Utilities: Design, build, improve and proactively maintain a utility infrastructure system that provides safe, affordable and reliable water, sewer, storm drainage, natural gas, steam and hot water services to the community

#### Public Works & Utilities - Engineering

Trimble GPS

**Description:**

GPS Units are used for locating and recording above ground infrastructure.

**Funding Source:**

	<u>FY 2022</u>
Water Fund	15,000
Gas Fund	15,000
Sanitary Sewer Fund	15,000
Storm Fund	<u>15,000</u>
<b>Total</b>	<b>60,000</b>



**City Priority Strategic Alignment:**

City Priority

Infrastructure

Definition

Transportation: Continually invest in building and improving a well-designed, well-maintained, accessible transportation system of safe and sustainable roadways, street lights, sidewalks and bridges