

Capital Improvement Tab

CAPITAL IMPROVEMENT FUNDS

The Capital Improvement funds account for financial resources to be used for the acquisition and construction of major capital facilities (other than those financed by Special Revenue Funds and the Superior/McCaslin Interchange District).

Capital Improvement Program Fund – Accounts for general government capital projects. The Town of Superior maintains a five-year capital improvement program which is updated annually. The initial year of the plan, which is also the next fiscal year for the Town, is adopted and approved by the Board of Trustees as a component of the annual budget.

The revenue sources include the 0.3% sales and use tax dedicated specifically for Town capital improvements as well as surplus fund transfers from the General Fund.

Water Capital Improvement Fund - The Capital Improvement fund tracks water capital projects. Superior maintains a five-year capital improvement program which is updated annually. The initial year of the plan, which is also the next fiscal year for Superior, is adopted and approved by the Board of Directors as a component of the annual budget.

The primary revenue sources are system development fees, and transfer from operations.

Wastewater Capital Improvement Fund - The Capital Improvement fund tracks wastewater capital projects. Superior maintains a five-year capital improvement program which is updated annually. The initial year of the plan, which is also the next fiscal year for Superior, is adopted and approved by the Board of Directors as a component of the annual budget.

The primary revenue sources are system development fees, a 2020 loan and transfer from operations.

Storm Water Capital Improvement Fund - The Capital Improvement fund tracks storm water capital projects. Superior maintains a five-year capital improvement program which is updated annually. The initial year of the plan, which is also the next fiscal year for Superior, is adopted and approved by the Board of Directors as a component of the annual budget.

The primary revenue sources are system development fees and transfer from operations.

2020 – 2024 Capital Improvement Program Budget Revenue (42)

Acct #	Revenues	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
31-1300	Sales, Non SURA	\$240,000	\$245,000	\$250,000	\$255,000	\$255,000
31-1301	Sales, SURA	715,000	720,000	725,000	730,000	735,000
31-1310	Vehicle Use	90,000	92,500	95,000	97,500	100,000
31-1320	Building Use	85,000	100,000	90,000	70,000	75,000
36-6100	Interest Income	28,000	11,000	12,000	13,000	18,000
36-6300	Grant Revenue	-	1,050,000	-	-	-
36-6600	Miscellaneous	1,030,000	30,000	30,000	-	-
36-6840	Park Impact Fee	294,000	258,000	108,000	45,000	-
36-6841	School Impact Fee	145,000	125,000	50,000	20,000	-
36-6843	Public Facility Fee	5,000	5,000	-	-	-
36-6850	Downtown Superior Public Improvement Reimbursement	245,669	-	-	-	-
36-6850	STC Parks 1 & 2 Design Reimbursement	500,000	-	-	-	-
36-6820	Loan – 1500 Coalton Road Improvements	2,200,000	-	-	-	-
36-6910	Transfer from General Fund	2,400,000	2,225,000	1,950,000	2,650,000	2,950,000
	Use of / (Addition to) Fund Balance	143,214	1,230,900	160,507	(182,173)	680,867
		\$8,120,883	\$6,106,400	\$3,470,507	\$3,698,327	\$4,813,867

2020 – 2024 Capital Improvement Program Fund Budget Expense (42)

Acct #	Projects	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
Public Works and Utilities (430)						
6627	US 36 Bikeway Extension	\$300,000	\$1,150,000	\$-	\$-	\$-
6244	Traffic Signal System Upgrades	20,000	-	-	-	-
6300	Vehicle Replacement	97,500	22,500	82,500	25,000	100,000
6598	Street Project Soft Costs	240,000	120,000	200,000	200,000	200,000
6599	Street Maintenance	230,000	236,900	244,007	251,327	258,867
6604	Street Replacement Program	3,000,000	1,500,000	2,500,000	2,500,000	2,500,000
6650	Traffic Calming Measures	100,000	100,000	50,000	50,000	50,000
6612	Promenade to 88th Street Extension	-	1,300,000	-	-	-
6241	Bridge Rail Painting	-	-	45,000	-	-
	Promenade to 88 th Traffic Signal	-	-	-	300,000	-
6243	Pavement Condition Index Update	-	-	-	30,000	-
	Asti Park Asphalt	-	-	-	-	70,000
6421	Building-PW/Parks Maint & Oper.	-	-	-	-	125,000
		\$3,987,500	\$4,429,400	\$3,121,507	\$3,356,327	\$3,303,867

2020 – 2024 Capital Improvement Program Fund Budget Expense (42)

Acct #	Projects	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
Parks, Rec, Open Space (426)						
6423	Parks Capital Maint. – Buildings	\$10,000	\$15,000	\$10,000	\$15,000	\$15,000
6520	Shrub Bed Renovation	15,000	15,000	15,000	15,000	15,000
6529	Pickleball Court	400,000	-	-	-	-
6533	Park Furniture Replacement	10,000	10,000	10,000	10,000	10,000
6560	Cemetery Improvements	30,000	30,000	30,000	30,000	30,000
6581	Parking Lot Improvements	140,000	-	-	50,000	-
6989	Cultural Arts and Events	200,000	150,000	150,000	150,000	150,000
5241	PROST Master Plan Update	75,000	-	-	-	-
6521	STC Parcel 1 & 2 Park Design	500,000	-	-	-	-
6320	Fire Station Park Concrete	60,000	-	-	-	-
6330	Pedestrian Underpass Lighting – McCaslin & Coal Creek	15,000	-	-	-	-
7843	School Parcel Improvements – Loan Payment	343,383	-	-	-	-
6300	Vehicle Replacement	-	12,000	24,000	12,000	-
	Autrey Park Irrigation & Park Design	-	360,000	-	-	-
6150	Tennis Court Improvements	-	-	10,000	-	175,000
6522	Dog Park Renovation	-	-	35,000	-	-
	Community Park Building Upgrades	-	-	-	-	650,000
	ADA Playground Surfacing (Community Park)	-	-	-	-	265,000
6421	Building-PW/Parks Maint. & Oper.	-	-	-	-	125,000
		\$1,798,383	\$592,000	\$284,000	\$282,000	\$1,435,000

2020 – 2024 Capital Improvement Program Fund Budget Expense (42)

Acct #	Projects	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
Other (490)						
6021	Enhanced Town Facility Communications	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
6100	Server Replacement	35,000	15,000	20,000	15,000	30,000
6101	BOCO Sheriff Substation Update	30,000	-	-	-	-
6140	AV/Town Boardroom Equipment Improvement	10,000	10,000	10,000	10,000	10,000
6402	Building Capital Maintenance	15,000	15,000	15,000	15,000	15,000
6544	Downtown Superior Civic Space Engagement	25,000	-	-	-	-
6417	1500 Coalton Road - Design	200,000	-	-	-	-
6416	1500 Coalton Road - Tenant Improvements	2,000,000	-	-	-	-
	Downtown Superior Civic Space Design	-	75,000	-	-	-
	Downtown Superior Civic Space Tenant Improvements	-	750,000	-	-	-
	Comprehensive Plan Update	-	200,000	-	-	-
		\$2,335,000	\$1,085,000	\$65,000	\$60,000	\$75,000
Total Capital Projects		\$8,120,883	\$6,106,400	\$3,470,507	\$3,698,327	\$4,813,867

US 36 Bikeway Extension

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 300,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 300,000

2021 1,150,000

2022

2023

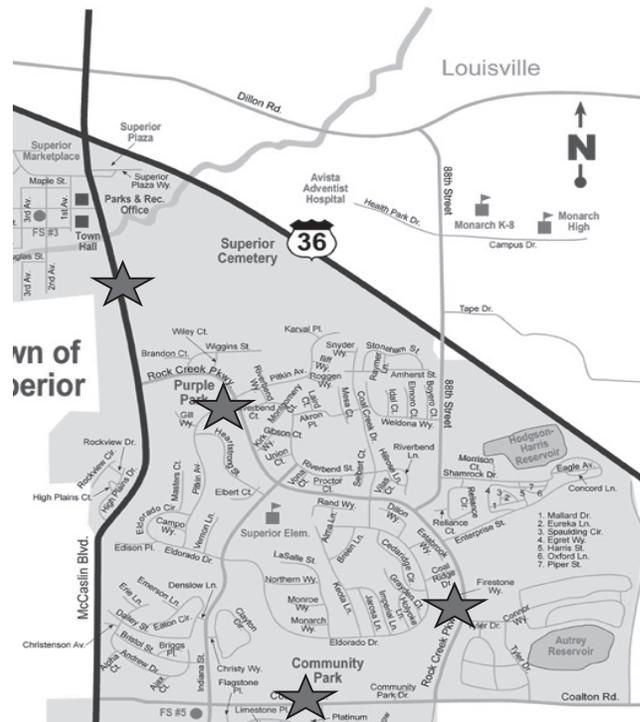
2024

\$ 300,000 **Total Cost**

Total Cost \$ 1,450,000

PROJECT DESCRIPTION

This project extend the US 36 Bikeway along the south side of US 36 in Superior. On the west end this project would construct a 10 ft.-wide multi-use concrete trail along the south side of US 36 from the existing US 36 Bikeway bridge (near Avista Hospital) east under the US 36/88th Street bridge. On the east end, the trail be constructed from the existing underpass of W. Flatiron Crossing Drive west through Autry Park to Rock Creek Parkway and turn north to 88th Street. The total project length would be about 7,000 feet. Superior's funding will be used to match DRCOG funding. Total costs are estimated at \$1,450,000 with Superior's share estimated at \$400,000.



ANNUAL OPERATING BUDGET IMPACT

\$ 5,000

Traffic Signal System Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 20,000

2021 -

2022 -

2023 -

2024 -

\$ 20,000 **Total Cost**

Total Cost \$ 20,000

PROJECT DESCRIPTION

2020 - Replace two obsolete controllers.

ANNUAL OPERATING BUDGET IMPACT

\$ -

Vehicle Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 97,500	Governmental Capital
11,250	Water Capital
6,750	Sewer Capital
4,500	Storm Capital
<hr/>	
\$ 120,000	Total Cost

BUDGET BY YEAR

2020	120,000
2021	45,000
2022	165,000
2023	50,000
2024	<hr/> 200,000
Total Cost	\$ 580,000

PROJECT DESCRIPTION

2020 - Replacement of 2012 pick-up truck (#111) and Replacement of 2000 crack-sealing machine (General only)

2021 - Replacement of 2014 pick-up truck (#113) (split between General, Water, Sewer and Storm)

2022 - 2008 Loader/Backhoe replacement, replacement of 2010 pick-up truck (#110) (split between General, Water, Sewer and Storm)

2023 - Replacement of 2014 pick-up truck (#112) (split between General, Water, Sewer and Storm)

2024 - Replacement of 2005 Roll-off truck (#106) (split between General, Water, Sewer and Storm)

ANNUAL OPERATING BUDGET IMPACT

\$ -

Street Project Soft Costs

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 240,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 240,000

2021 120,000

2022 200,000

2023 200,000

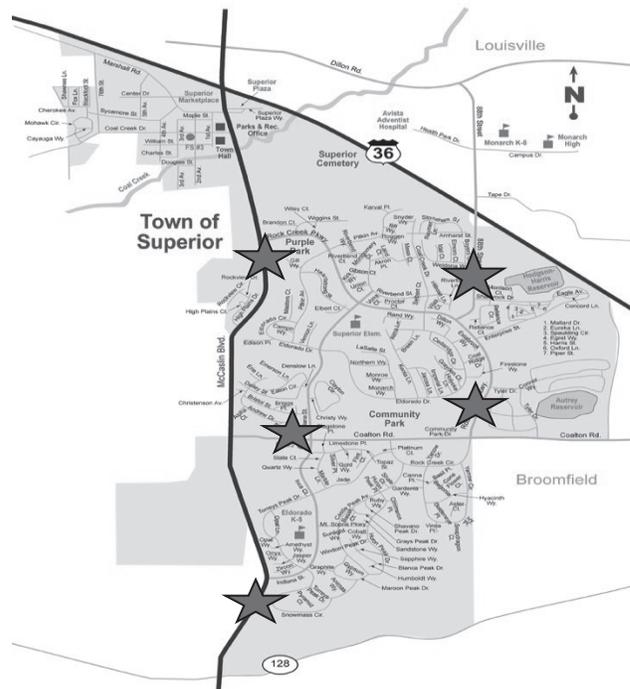
2024 200,000

Total Cost
\$ 240,000

Total Cost \$ 960,000

PROJECT DESCRIPTION

Soft costs for the street reconstruction program include surveying, geotechnical investigations, engineering design, construction observation, and materials testing. Costs are assumed to be 8% of total construction cost.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Street Maintenance

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 230,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 230,000

2021 236,900

2022 244,007

2023 251,327

2024 258,867

\$ 230,000 **Total Cost**

Total Cost \$ 1,221,101

PROJECT DESCRIPTION

Regular street maintenance tasks include crack sealing of asphalt, pot hole patching and repairs, and miscellaneous concrete replacement throughout Town. This work will primarily be performed by the Town's maintenance staff.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Street Replacement Program

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 3,000,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 3,000,000

2021 1,500,000

2022 2,500,000

2023 2,500,000

2024 2,500,000

Total Cost \$ 3,000,000

Total Cost \$ 12,000,000

PROJECT DESCRIPTION

This project provides for ongoing street pavement management construction & improvement activities.

2020 - 88th Street Reconstruction, Sidewalk & Widening;

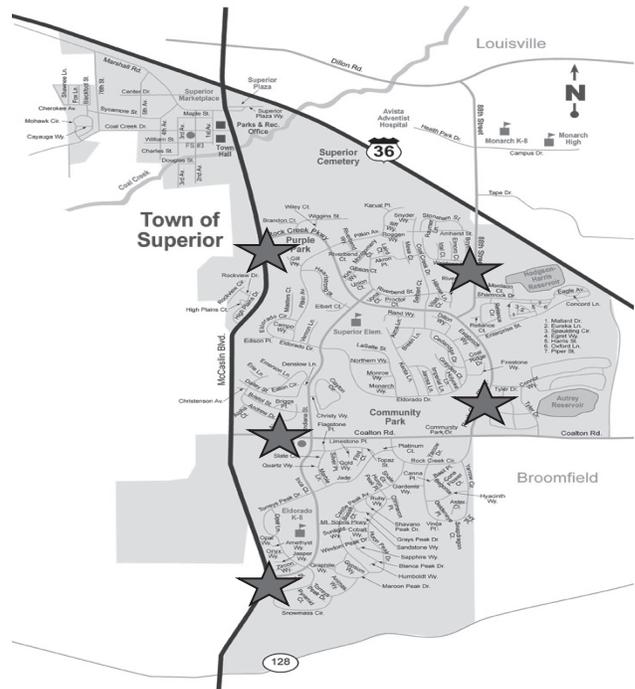
2021 - Coalton Road mill & overlay (McCaslin to Indiana)

2022 - McCaslin/Rock Creek Parkway Intersection Reconstruction and McCaslin Chip-seal (RCP to Coalton);

2023 - Rock Creek Parkway Reconstruction/Downsizing - Phase 1;

McCaslin/Indiana Intersection Study

2024 - McCaslin/Indiana St. Improvements and McCaslin Chip-Seal (Indiana to SH 128)



ANNUAL OPERATING BUDGET IMPACT

\$ -

Traffic Calming

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 100,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 100,000

2021 100,000

2022 50,000

2023 50,000

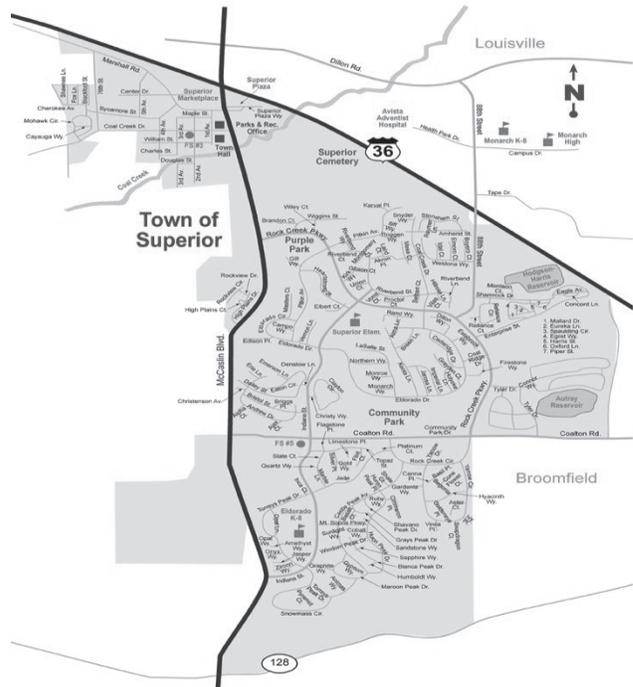
2024 50,000

\$ 100,000 **Total Cost**

Total Cost \$ 350,000

PROJECT DESCRIPTION

2020-2024 - TBD



ANNUAL OPERATING BUDGET IMPACT

\$ -

Promenade to 88th Street Extension

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 1,300,000 Governmental Capital

BUDGET BY YEAR

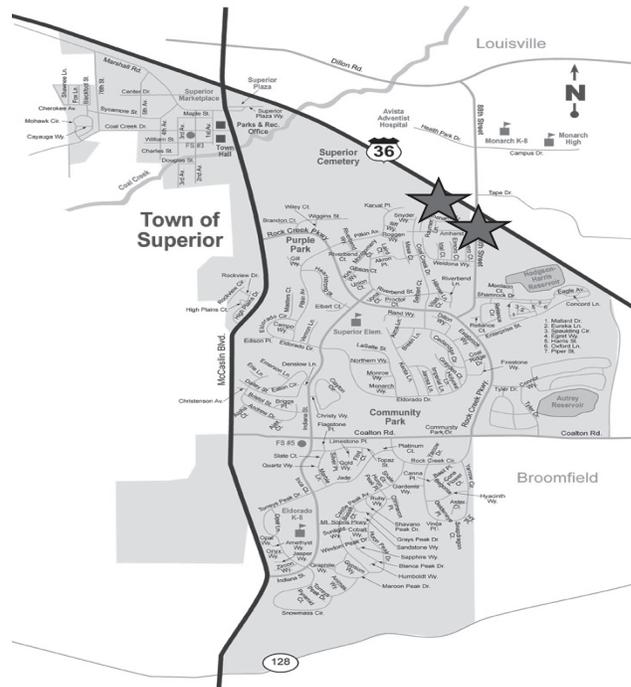
2020	\$ -
2021	1,300,000
2022	-
2023	-
2024	-

Total Cost \$ 1,300,000

Total Cost \$ 1,300,000

PROJECT DESCRIPTION

This project provides for the extension of Promenade Drive from Downtown Superior to 88th Street.
2021 - Roadway Construction from Downtown Superior (Toll Brothers Property) to 88th Street;



ANNUAL OPERATING BUDGET IMPACT

\$ -

Bridge Rail Painting

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 45,000 Governmental Capital

BUDGET BY YEAR

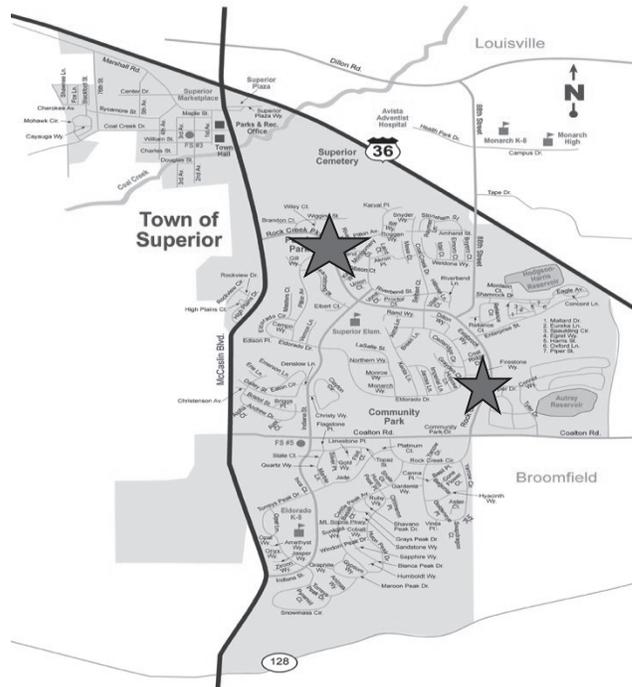
2020	\$ -
2021	-
2022	45,000
2023	-
2024	-

Total Cost
\$ 45,000

Total Cost \$ 45,000

PROJECT DESCRIPTION

This project provides for funding to address Rock Creek Parkway bridge rail and deck painting.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Promenade to 88th Street Traffic Signal

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 300,000 Governmental Capital

BUDGET BY YEAR

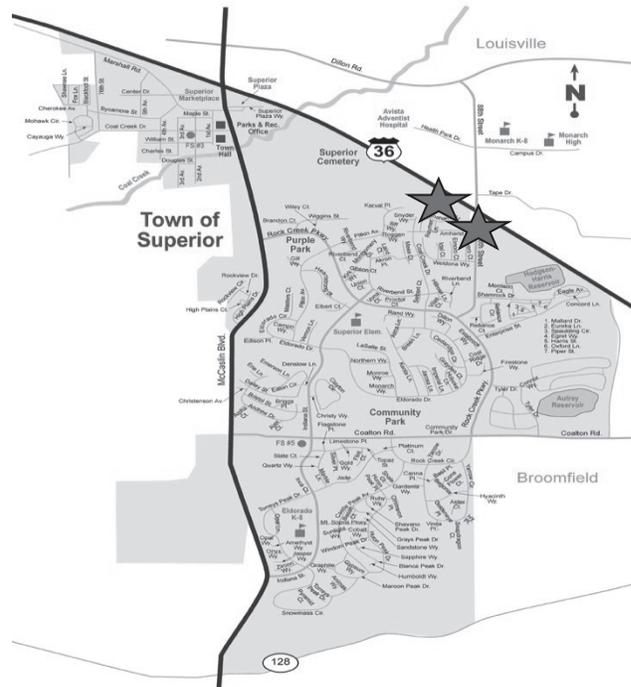
2020	\$	-
2021		-
2022		-
2023		300,000
2024		-

\$ 300,000 **Total Cost**

Total Cost \$ 300,000

PROJECT DESCRIPTION

Installation of a traffic signal at the Promenade Drive/88th Street intersection



ANNUAL OPERATING BUDGET IMPACT

\$ -

Pavement Condition Index Update

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Governmental Capital

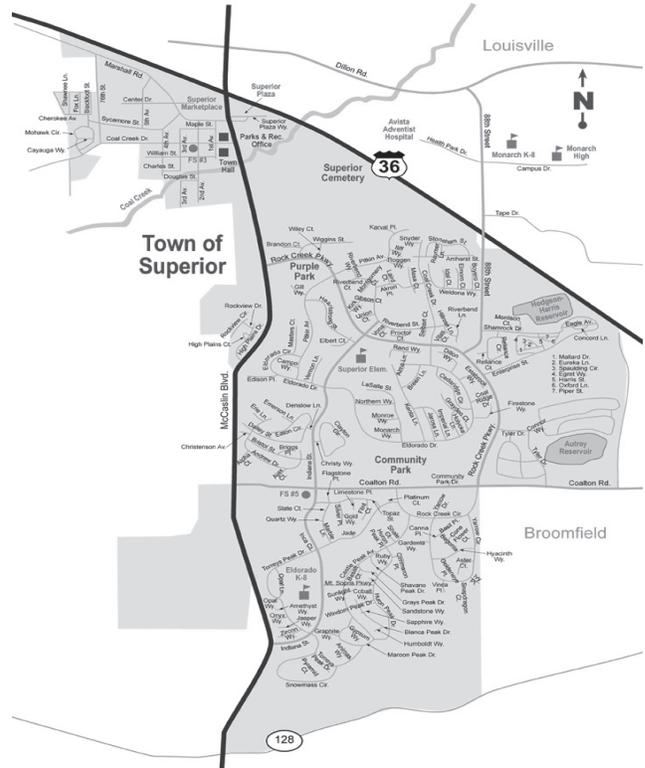
BUDGET BY YEAR

2020	\$	-
2021		-
2022		-
2023		30,000
2024		-
Total Cost	\$	30,000

\$ 30,000 **Total Cost**

PROJECT DESCRIPTION

This project provides for funding to re-evaluate the Pavement Condition Index for streets as part of the Pavement Management Program. This is an activity that is recommended to be completed every 3 - 4 years to track the deterioration of streets in efforts to project optimal treatment or rehabilitation.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Asti Park Asphalt

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 70,000 Governmental Capital

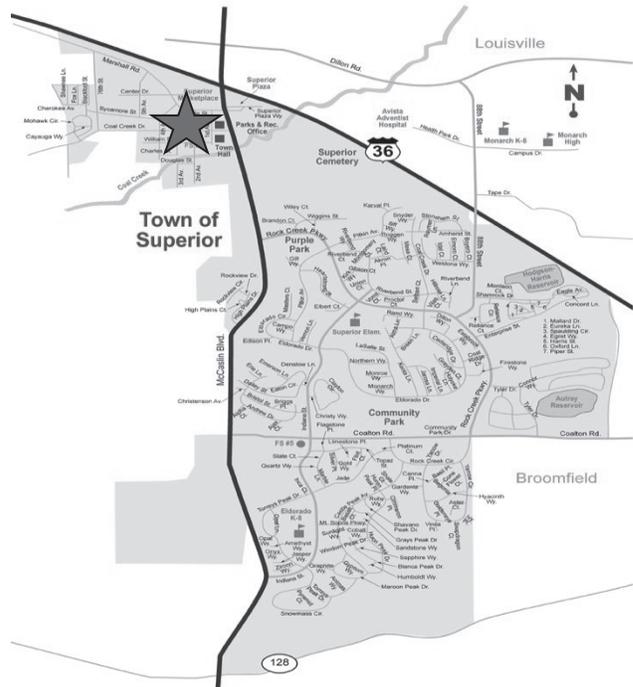
BUDGET BY YEAR

2020	\$ -
2021	-
2022	-
2023	-
2024	70,000
Total Cost	\$ 70,000

Total Cost
\$ 70,000

PROJECT DESCRIPTION

Pave gravel parking areas along Maple Street and Second Avenue to serve Asti Park



ANNUAL OPERATING BUDGET IMPACT

\$ -

Public Works & Parks Maintenance Operations Building

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 250,000	Governmental Capital
125,000	Water Capital
75,000	Sewer Capital
50,000	Storm Capital
<hr/>	
\$ 500,000	Total Cost

BUDGET BY YEAR

2020	\$ -
2021	-
2022	-
2023	-
2024	<u>500,000</u>
Total Cost	\$ 500,000

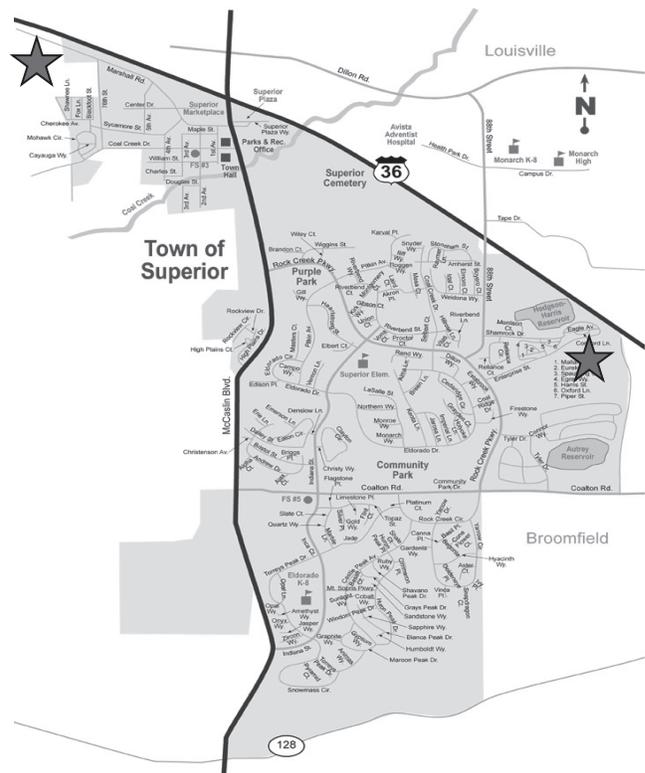
PROJECT DESCRIPTION

Construction of a combined Public Works & Parks maintenance operations building. The existing buildings are inadequate for the breath, scope and complexity of the current and future maintenance operations. This project may also include construction of a salt/sand storage area. Programming & Conceptual Design was completed in 2014 which estimated a need for a 25,000 SF building on a 2-acre site with construction costs of \$5,000,000.

2024 - Final design

ANNUAL OPERATING BUDGET IMPACT

\$ 72,500	Beginning in 2025
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Parks Capital Maintenance Buildings (Buildings)

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 10,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 10,000

2021 15,000

2022 10,000

2023 15,000

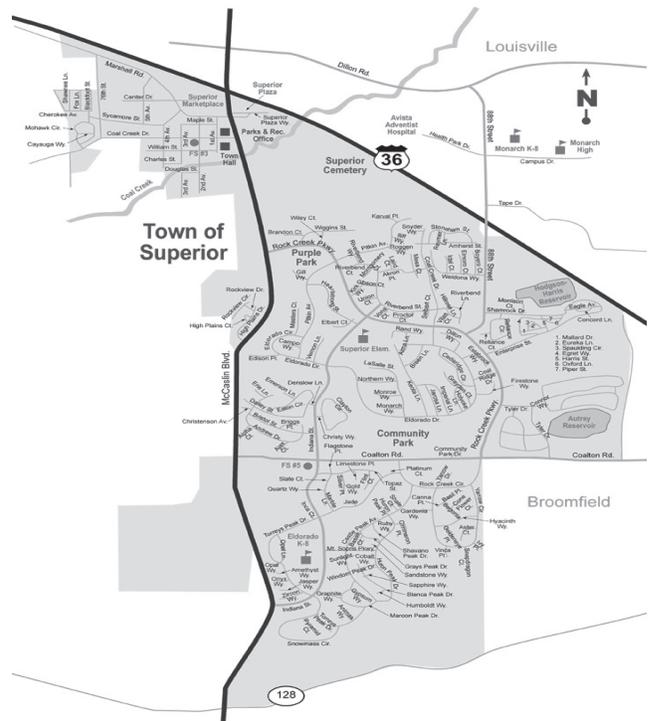
2024 15,000

\$ 10,000 **Total Cost**

Total Cost \$ 65,000

PROJECT DESCRIPTION

Plan to maintain aging parks buildings and restrooms



ANNUAL OPERATING BUDGET IMPACT

\$ -

Shrub Bed Renovation

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 15,000

2021 15,000

2022 15,000

2023 15,000

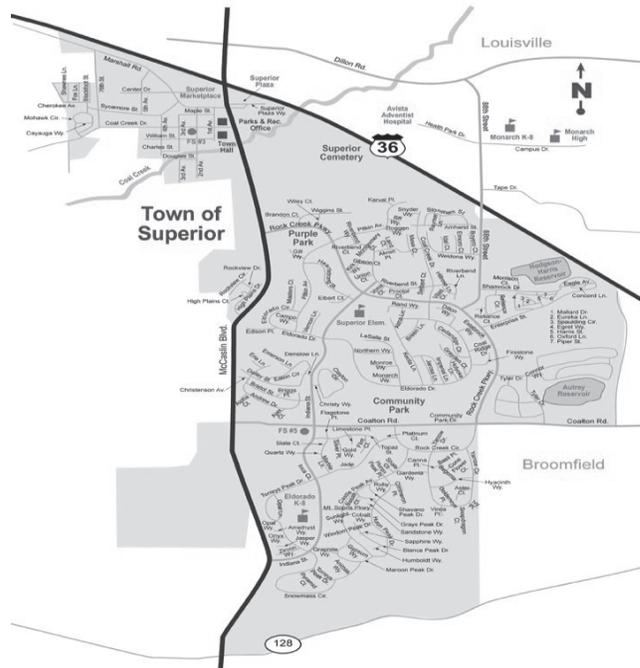
2024 15,000

Total Cost
\$ 15,000

Total Cost
\$ 75,000

PROJECT DESCRIPTION:

Plant material has a limited life span and must be replaced in an ongoing basis throughout Town.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Pickleball Courts

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 400,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 400,000

2021 -

2022 -

2023 -

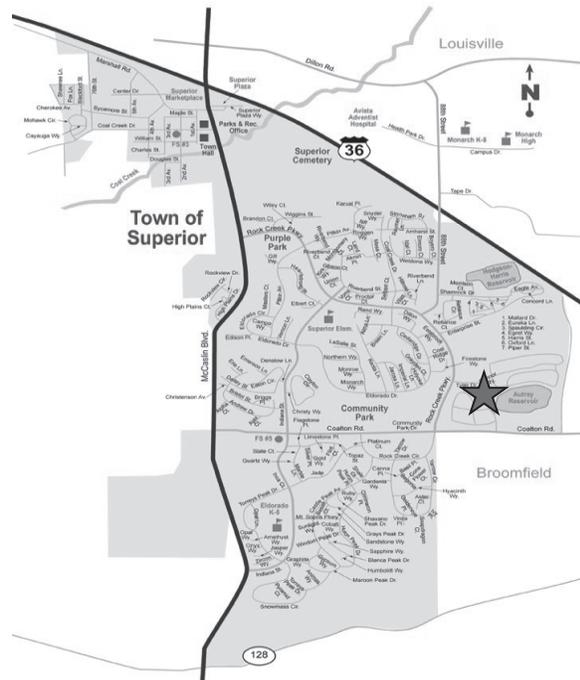
2024 -

\$ 400,000 **Total Cost**

Total Cost \$ 400,000

PROJECT DESCRIPTION

Construction of 6 pickleball courts at Autrey Park.



ANNUAL OPERATING BUDGET IMPACT

\$ 200

Park Furniture Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 10,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 10,000

2021 10,000

2022 10,000

2023 10,000

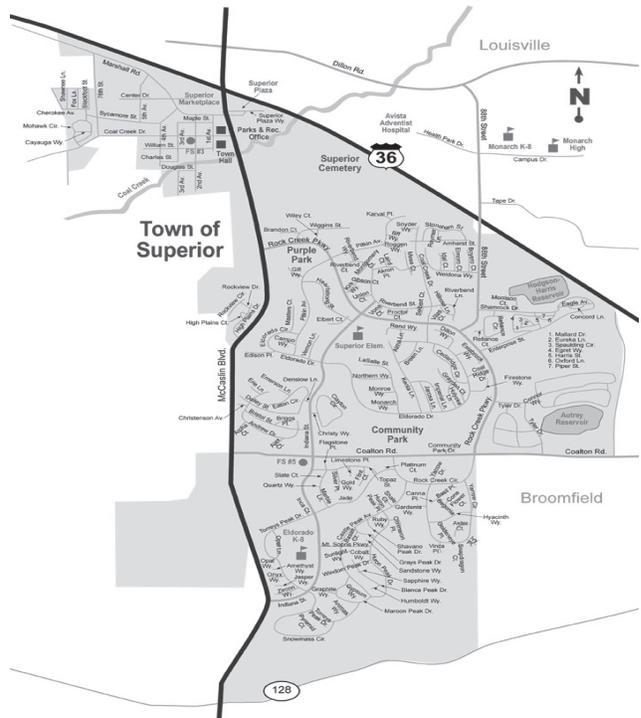
2024 10,000

\$ 10,000 **Total Cost**

Total Cost \$ 50,000

PROJECT DESCRIPTION

Town's original wood park furniture is decaying and requires replacement. This project would replace these pieces and provide for installing on small slabs to protect from decay as a result of sitting on irrigated grass.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Cemetery Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 30,000

2021 30,000

2022 30,000

2023 30,000

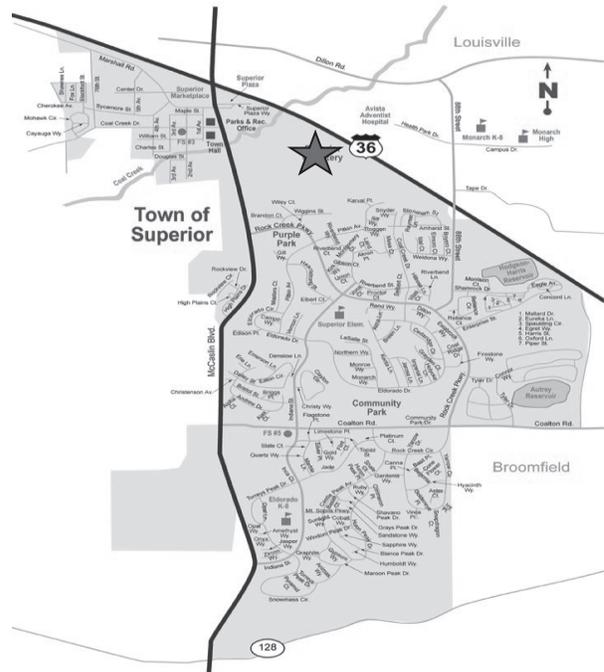
2024 30,000

Total Cost \$ 30,000

Total Cost \$ 150,000

PROJECT DESCRIPTION:

Generate and implement a 5-year landscaping and maintenance plan that upgrades the existing condition of the historic cemetery with input from the Town's Historical Commission and a working group of citizens and advisory committee members.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Parking Lot Improvements (Overlay)

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 140,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 140,000

2021 -

2022 -

2023 50,000

2024 -

Total Cost \$ 140,000

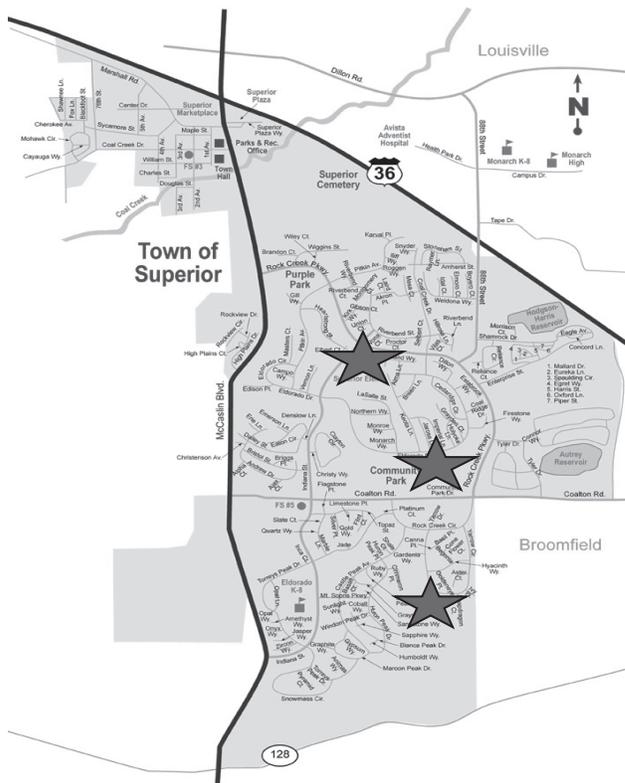
Total Cost \$ 190,000

PROJECT DESCRIPTION

This project will mill and overlay Town owned parking lots.

2020 - South Pool & Community Park

2023 - North Pool



ANNUAL OPERATING BUDGET IMPACT

\$ -

Cultural Arts and Events

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 200,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 200,000

2021 150,000

2022 150,000

2023 150,000

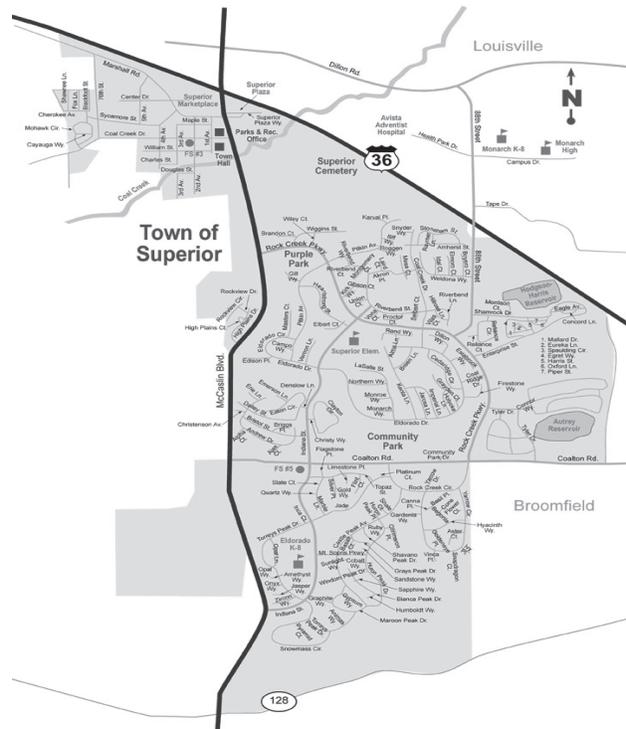
2024 150,000

\$ 200,000 **Total Cost**

Total Cost \$ 800,000

PROJECT DESCRIPTION

This project would implement the recommendations of the Cultural Arts and Public Spaces Advisory Committee for art throughout Town. The 2020 budget includes funds for ongoing community events and art projects \$150,000 and \$50,000 for carryover projects from 2019.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

Parks, Recreation, Open Space & Trails (PROST) Master Plan Update

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 75,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 75,000

2021 -

2022 -

2023 -

2024 -

\$ 75,000 **Total Cost**

Total Cost \$ 75,000

PROJECT DESCRIPTION:

Master Plan for Parks, Recreation, Trails and Open Space Master Plan to identify future amenities throughout town

ANNUAL OPERATING BUDGET IMPACT

\$ -

STC Parcel 1 & 2 Park Design

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 500,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 500,000

2021 -

2022

2023 -

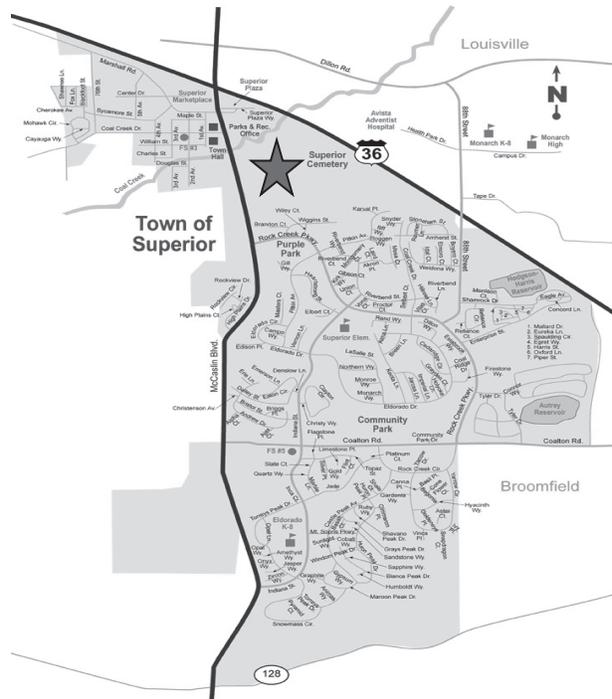
2024 -

\$ 500,000 **Total Cost**

Total Cost \$ 500,000

PROJECT DESCRIPTION

Final design of Parks 1 and 2 along Coal Creek.



ANNUAL OPERATING BUDGET IMPACT

\$ 59,000 Landscape Fee Fund (Beginning 2022)

Fire Station Park Concrete

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 60,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 60,000

2021 -

2022 -

2023 -

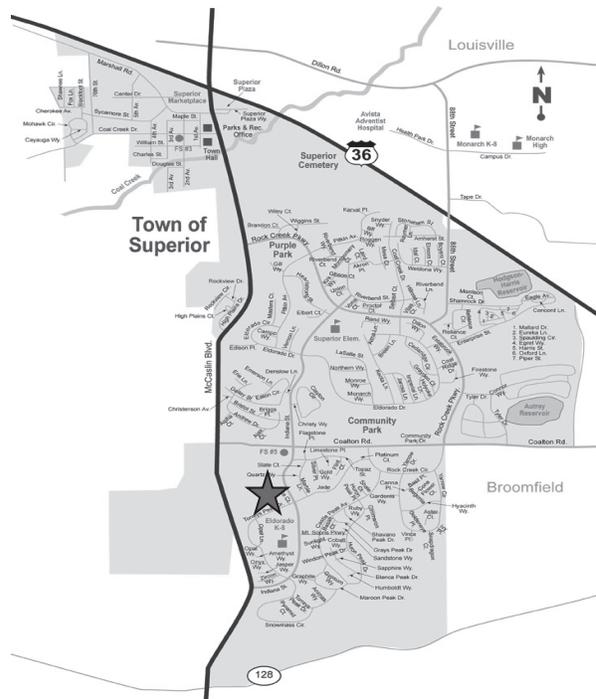
2024 -

\$ 60,000 **Total Cost**

Total Cost \$ 60,000

PROJECT DESCRIPTION

Repair/replace concrete at Fire Station Park



ANNUAL OPERATING BUDGET IMPACT

\$ -

Pedestrian Underpass Lighting - McCaslin and Coal Creek

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 15,000

2021 -

2022 -

2023 -

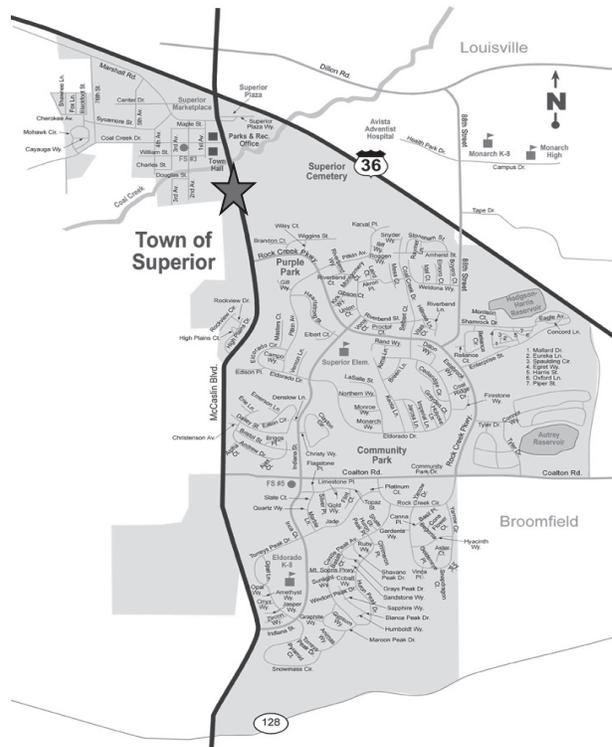
2024 -

Total Cost
\$ 15,000

Total Cost \$ 15,000

PROJECT DESCRIPTION:

Install lighting in McCaslin Blvd. pedestrian underpass south of Town Hall.



ANNUAL OPERATING BUDGET IMPACT

\$ 500

Vehicle Replacement

PROS Project

<u>FIRST YEAR FUNDING SOURCE</u>		
\$	12,000	Governmental Capital
	28,000	Landscape Fee
<hr/>		
\$	40,000	Total Cost

<u>BUDGET BY YEAR</u>	
2020	\$ -
2021	40,000
2022	80,000
2023	40,000
2024	<hr/> -
Total Cost	\$ 160,000

PROJECT DESCRIPTION:
2021 - Replace #204
2022 - Replace #205, #206
2023 - Replace #207

ANNUAL OPERATING BUDGET IMPACT
 \$ -

Autrey Park Irrigation & Park Design

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 360,000 Governmental Capital

BUDGET BY YEAR

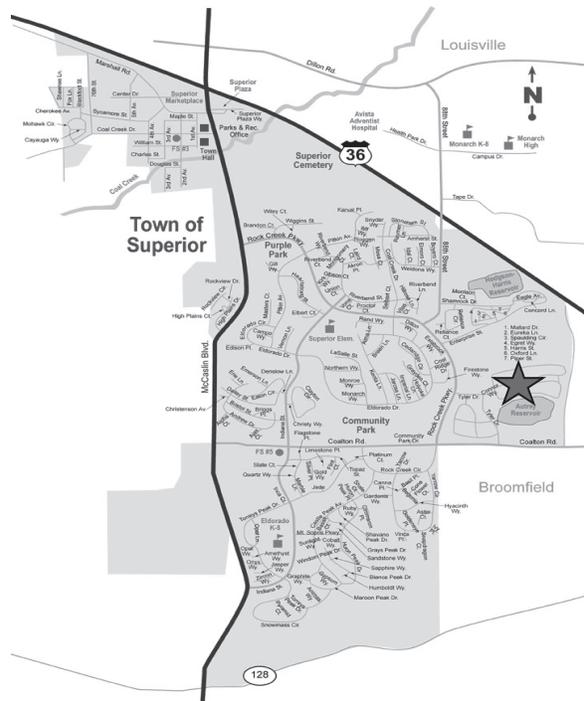
2020	\$	-
2021		360,000
2022		-
2023		-
2024		-

\$ 360,000 **Total Cost**

Total Cost \$ 360,000

PROJECT DESCRIPTION

Add irrigation for aesthetic functional enhancement to Autrey Park



ANNUAL OPERATING BUDGET IMPACT

\$ 253,000 General Fund (Beginning 2022)

Tennis Court Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 10,000 Governmental Capital

BUDGET BY YEAR

2020 \$ -
 2021 -
 2022 10,000
 2023 -
 2024 175,000

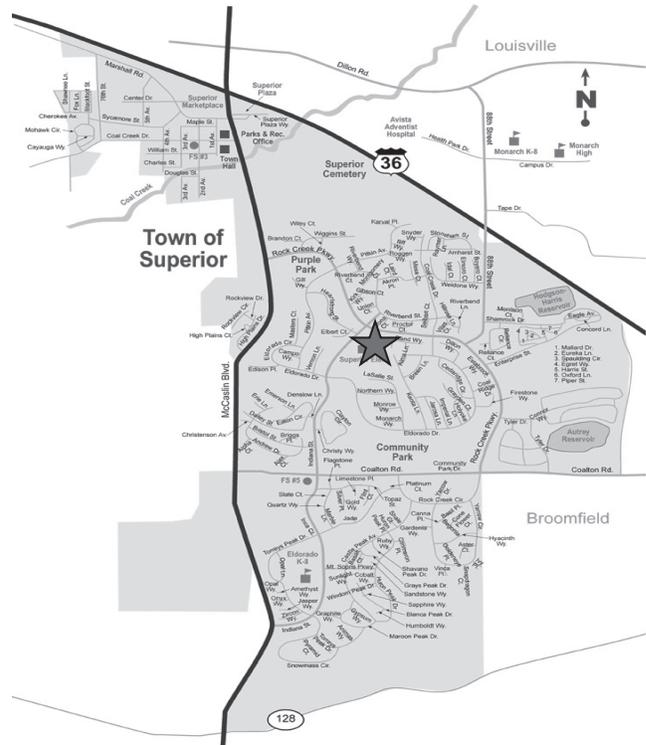
\$ 10,000 Total Cost

Total Cost \$ 185,000

PROJECT DESCRIPTION:

2022 - 4 to 5 year resurface cycle for four tennis courts.

2024 - New lighting system.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Dog Park Renovation

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Governmental Capital

BUDGET BY YEAR

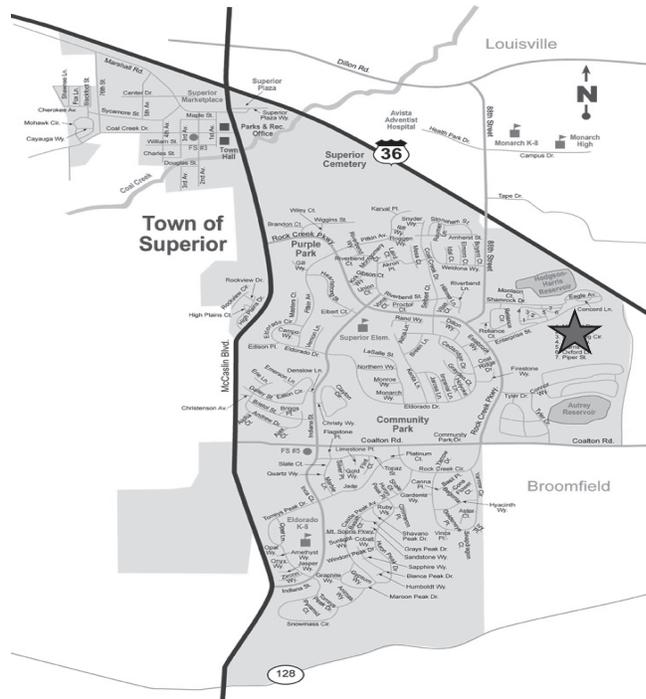
2020	\$ -
2021	-
2022	35,000
2023	-
2024	-

Total Cost
\$ 35,000

Total Cost \$ 35,000

PROJECT DESCRIPTION

Plan for 5-year renovation of sod at the dog park.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Community Park Building Upgrades

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 650,000 Governmental Capital

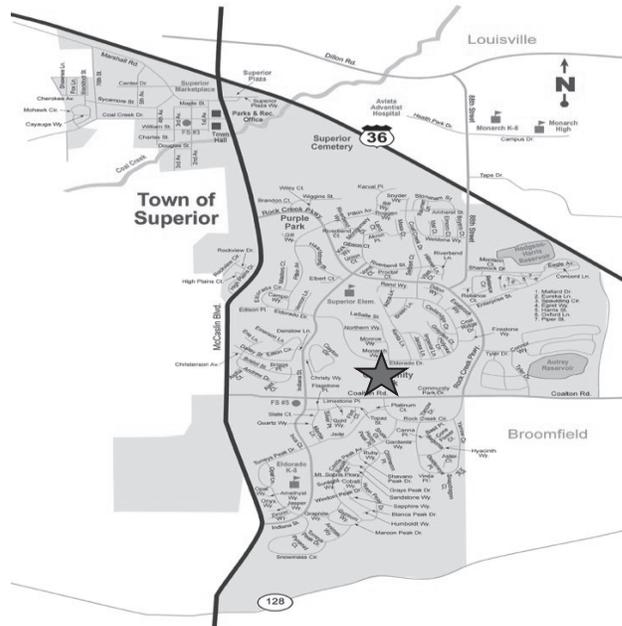
BUDGET BY YEAR

2020	\$	-
2021		-
2022		-
2023		-
2024		650,000
Total Cost	\$	650,000

Total Cost

PROJECT DESCRIPTION:

Upgrade the current restroom and concession building at Community Park allowing for additional year-round restrooms (4 stalls currently), equipment storage and improved concession areas. Make repairs to the existing roof to stop leaks and add insulation to improve energy efficiency.



ANNUAL OPERATING BUDGET IMPACT

\$ 20,000 Beginning in 2025

ADA Playground Surfacing (Community Park)

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 265,000 Governmental Capital

BUDGET BY YEAR

2020 \$ -

2021 -

2022 -

2023 -

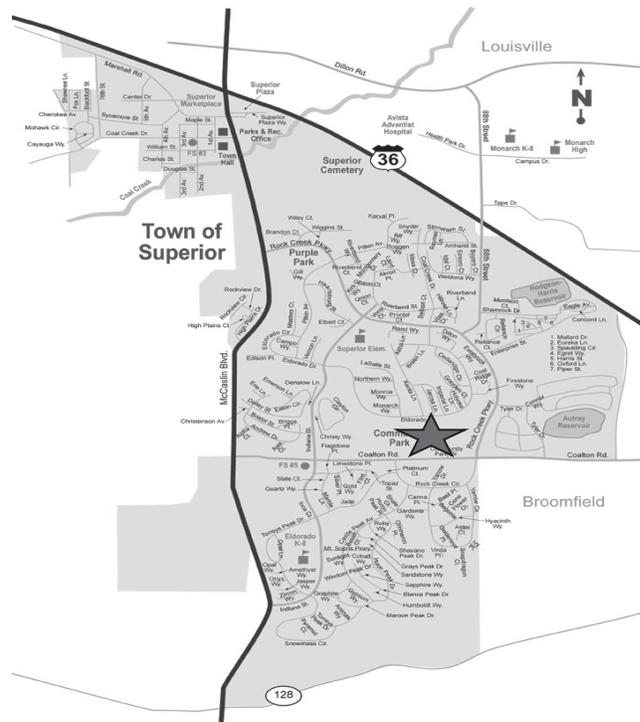
2024 265,000

Total Cost
\$ 265,000

Total Cost \$ 265,000

PROJECT DESCRIPTION

Upgrading playground surfaces to ADA compliant material.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Enhanced Town Facility Communications

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 20,000

2021 20,000

2022 20,000

2023 20,000

2024 20,000

\$ 20,000 **Total Cost**

Total Cost \$ 100,000

PROJECT DESCRIPTION

This project will provide fiber optic or enhanced upgraded communications between key Town-owned facilities. This will increase bandwidth, speed and reliability of communications. Work from 2017 - 2019 included (1) an enhanced connection between the Public Works/Utilities administrative offices and Town Hall, (2) traffic signal connectivity, (3) video/surveillance cameras in select locations, (4) enhance communication between critical water and sewer utility infrastructure (pumps, lift station, etc.). 2020 - 2024 budgets include the addition of cameras throughout the community for enhanced safety and security.

ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

Server Replacement

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 35,000

2021 15,000

2022 20,000

2023 15,000

2024 30,000

\$ 35,000 **Total Cost**

Total Cost \$ 115,000

PROJECT DESCRIPTION:

Servers are on a 5 year replacement schedule

2020 - Replace Main Server & Email

2021 - Replace Caselle /Laserfiche

2022 - Replace Granicus & Tricaster

2023 - Replace Traffic

2024 - Replace Keyscan, GIS and Phone Server

ANNUAL OPERATING BUDGET IMPACT

\$ 2,000

BOCO Sheriff Substation Update

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 30,000

2021 -

2022 -

2023 -

2024 -

\$ 30,000 **Total Cost**

Total Cost \$ 30,000

PROJECT DESCRIPTION:

The Sheriff sub-station is located in a renovate retail space in the Superior Marketplace. These funds will allow for the completion of the renovation project to have the space properly function for residents as a sub-station. The project began in 2019 with the replacement of existing flooring. The space needs (1) an adequate interview room, (2) additional lockers (3) a kitchenette/break area and (4) upgraded storage/office supply closet.



ANNUAL OPERATING BUDGET IMPACT

\$ -

AV/Town Boardroom Equipment Improvement

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 10,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 10,000

2021 10,000

2022 10,000

2023 10,000

2024 10,000

\$ 10,000 **Total Cost**

Total Cost \$ 50,000

PROJECT DESCRIPTION:

On-going upgrade/enhancement of Boardroom audio visual (AV) equipment (both for in-room presentations and broadcasts over Channel 8 and web streaming). In 2013 and 2015 the Town invested in major improvements to the Boardroom and our AV equipment. The purpose was to enhance the quality of the presentations, recording and distribution of public meetings held at Town Hall. Following these major improvements, the Town has annually invested smaller capital amounts to maintain or enhance the quality of these presentations (i.e., new software for three-dimensional flyby views of proposed developments, new table top microphones, etc.). This annual budget is intended to continue these ongoing improvements. Last year's funding was for the purchase of a digital server to automate the programing.



ANNUAL OPERATING BUDGET IMPACT

\$ 500

Building Capital Maintenance

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 15,000

2021 15,000

2022 15,000

2023 15,000

2024 15,000

\$ 15,000 **Total Cost**

Total Cost \$ 75,000

PROJECT DESCRIPTION:

Town Hall, Firehouse, Bungalow including: roof repairs, exterior painting, HVAC improvements, other



ANNUAL OPERATING BUDGET IMPACT

\$ -

Downtown Superior Civic Space Engagement

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 25,000

2021 -

2022 -

2023 -

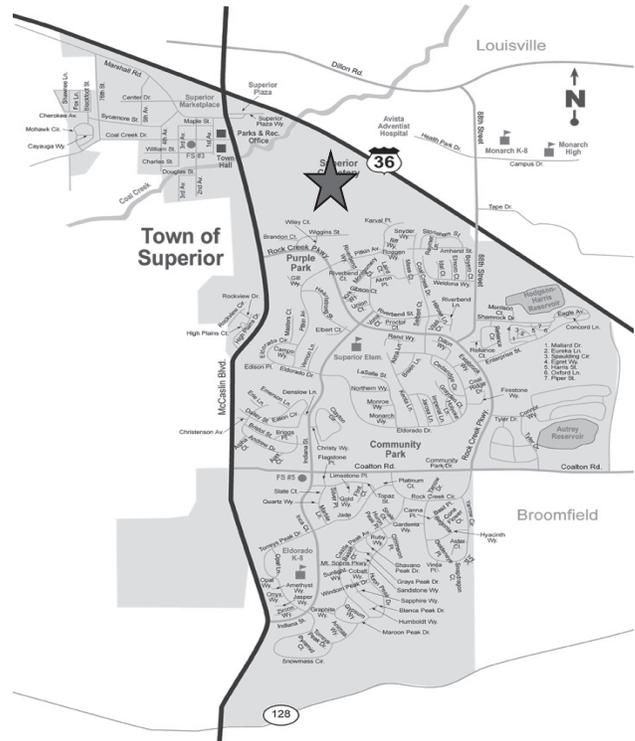
2024 -

Total Cost \$ 25,000

Total Cost \$ 25,000

PROJECT DESCRIPTION:

The Downtown Superior master developer will be building civic space for the Town. In 2020, the Town will have a public engagement process to decide what the civic space should be used for.



ANNUAL OPERATING BUDGET IMPACT

\$ -

1500 Coalton Road Design & Improvements

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 2,200,000 Governmental Capital

BUDGET BY YEAR

2020 \$ 2,200,000

2021 -

2022 -

2023 -

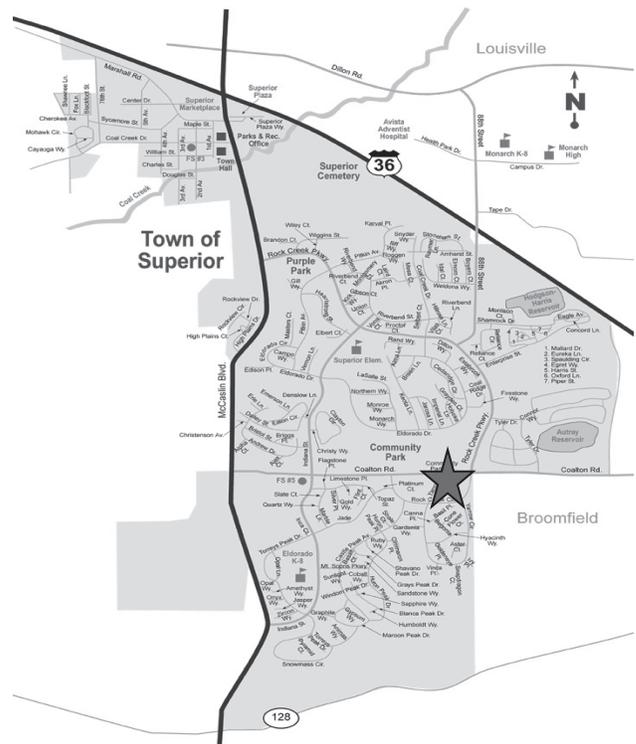
2024 -

Total Cost \$ 2,200,000

Total Cost \$ 2,200,000

PROJECT DESCRIPTION:

Following the 2019 purchase of the 1500 Coalton Road facility by the Town, design (\$200,000) and construction (\$2,000,000) of tenant improvements, furniture, fixtures, equipment and exterior enhancements are planned in 2020. Financing will be needed for these improvements.



ANNUAL OPERATING BUDGET IMPACT

\$ 127,500

Downtown Superior Civic Space Tenant Improvements

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 1,100,000 Governmental Capital

BUDGET BY YEAR

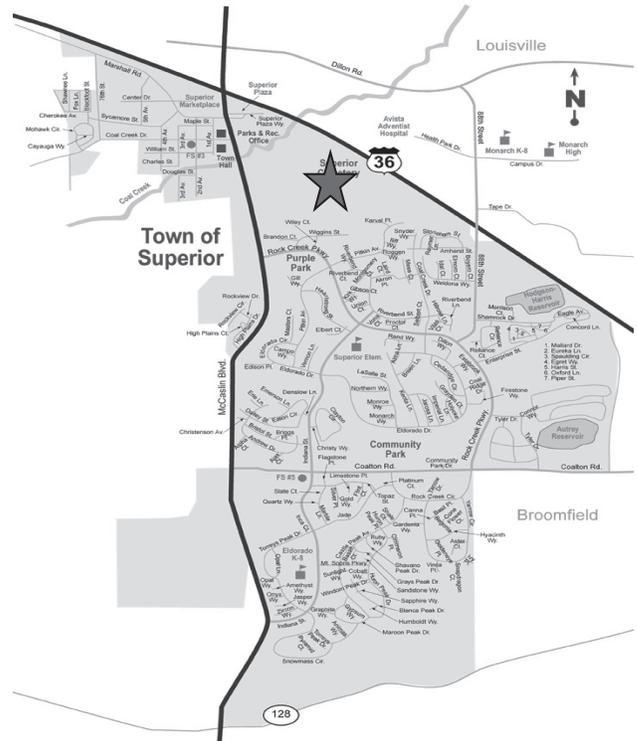
2020	\$ -
2021	1,100,000
2022	-
2023	-
2024	-

Total Cost \$ 1,100,000

Total Cost \$ 1,100,000

PROJECT DESCRIPTION:

The Downtown Superior master developer will be building civic space for the Town. Design (\$100,000) and construction (\$1,000,000) of tenant improvements, furniture, fixtures and equipment.



ANNUAL OPERATING BUDGET IMPACT

\$ 318,000 \$68k for maintenance, \$250k to staff

Comprehensive Plan Update

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 200,000 Governmental Capital

BUDGET BY YEAR

2020	\$ -
2021	200,000
2022	-
2023	-
2024	-
Total Cost	\$ 200,000

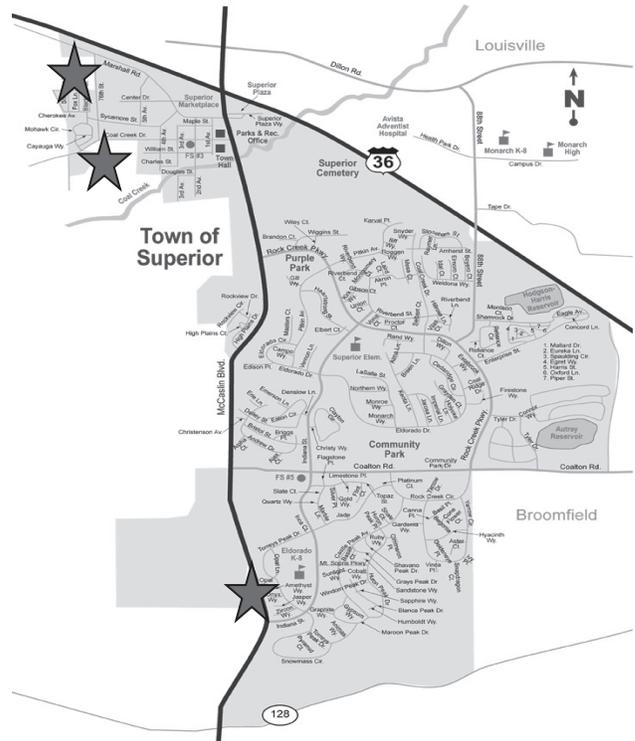
Total Cost

PROJECT DESCRIPTION:

The Town will hire a consultant to do an update to the Town’s Comprehensive Plan by looking at all undeveloped property in Town. Those properties include but are not limited to the following:

- Bolejack Property
- Steward Property
- 76th Street Properties

The Town-wide median/streetscape and corridor plan will be included in this study. The process will include interviewing Town Board, Staff, Citizens, Property Owners, and Existing Businesses. There will be several public meetings on the comprehensive plan update.



ANNUAL OPERATING BUDGET IMPACT

\$ -

**2020 - 2024 Superior Metropolitan District No. 1
Water Capital Improvement Program Budget Revenue (50)**

Acct #	Revenues	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
36-6100	Interest Income	\$121,000	\$134,000	\$126,000	\$171,000	\$215,000
36-6341	Water System Development Fees	3,200,000	3,800,000	3,100,000	2,500,000	2,600,000
36-6344	Irrigation Tap Fees	35,000	35,000	35,000	-	-
36-6953	Transfer from Operations Service Fees	-	74,083	78,975	77,021	66,598
	Use of / (Addition to) Net Assets	(1,846,617)	(739,203)	(1,230,446)	(757,574)	542,036
		\$1,509,383	\$3,303,880	\$2,109,529	\$1,990,447	\$3,423,635

**2020 - 2024 Superior Metropolitan District No. 1
Water Capital Improvement Program Budget Expense (50-499)**

Acct #	Projects	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
6122	WTP Chlorine Analyzer Upgrades	\$20,000	\$-	\$-	\$-	\$-
6128	Disinfection Outreach Verification Effort (DOVE)/UV Disinfection	150,000	1,400,000	-	-	-
6129	Actuators and Valve Replacement	110,000	-	-	-	-
6135	Reuse System Upgrades	35,000	-	-	-	-
6144	Sonic Solutions for Algae control @ Terminal and Pond 5	15,000	-	-	-	-
6149	Water Storage Tank Rehabilitation	165,000	-	115,000	-	-
6155	Water System Controls	87,000	71,000	-	-	-
6157	Irrigation Valve Installations	65,000	65,000	-	-	-
6159	Fire Hydrant Replacement	21,000	21,630	22,279	22,947	23,635
6300	Vehicle Replacement	11,250	11,250	41,250	12,500	50,000
6780	Windy Gap Firming	630,133	-	-	-	-
6971	WTP Backup Generator	200,000	-	-	-	-
3340	Filter Media Replacement	-	110,000	115,000	120,000	125,000
6132	WTP Clarifloculator Rebuild/Replacement	-	25,000	205,000	-	-
6781	Windy Gap Loan/Allotment Contract	-	1,600,000	1,600,000	1,600,000	1,600,000
6167	WTP Chemical Pump Replacement	-	-	11,000	-	-
6148	WTP Solids Handling Facility	-	-	-	220,000	1,000,000
6880	Water Storage Tank Cleaning	-	-	-	15,000	-
	Reuse Storage	-	-	-	-	500,000
6421	Building-PW/Parks Maint. & Oper.	-	-	-	-	125,000
		\$1,509,383	\$3,303,880	\$2,109,529	\$1,990,447	\$3,423,635

WTP Chlorine Analyzer Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Water Capital

BUDGET BY YEAR

2020 \$ 20,000

2021 -

2022 -

2023 -

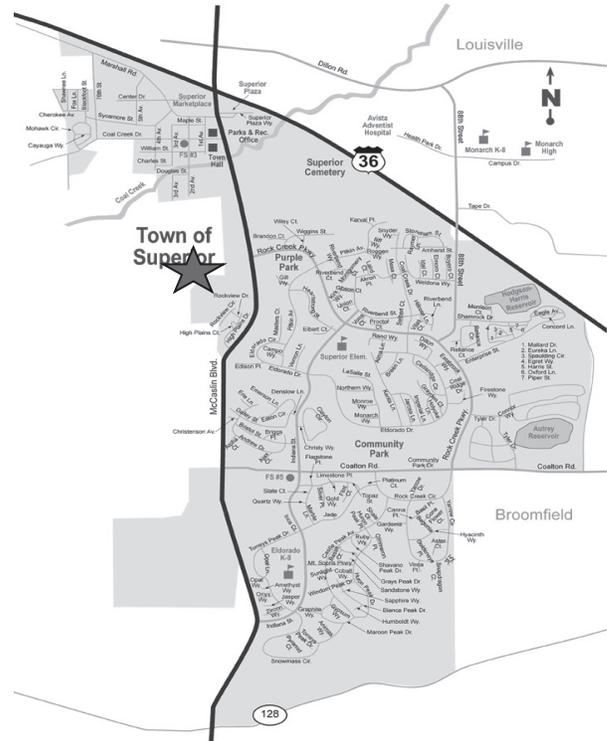
2024 -

\$ 20,000 **Total Cost**

Total Cost \$ 20,000

PROJECT DESCRIPTION

This project would update our current analyzers to read higher end pH for more accurately dosing chlorine.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

Disinfection Outreach Verification Effort (DOVE) / UV Disinfection

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 150,000 Water Capital

BUDGET BY YEAR

2020 \$ 150,000

2021 1,400,000

2022 -

2023 -

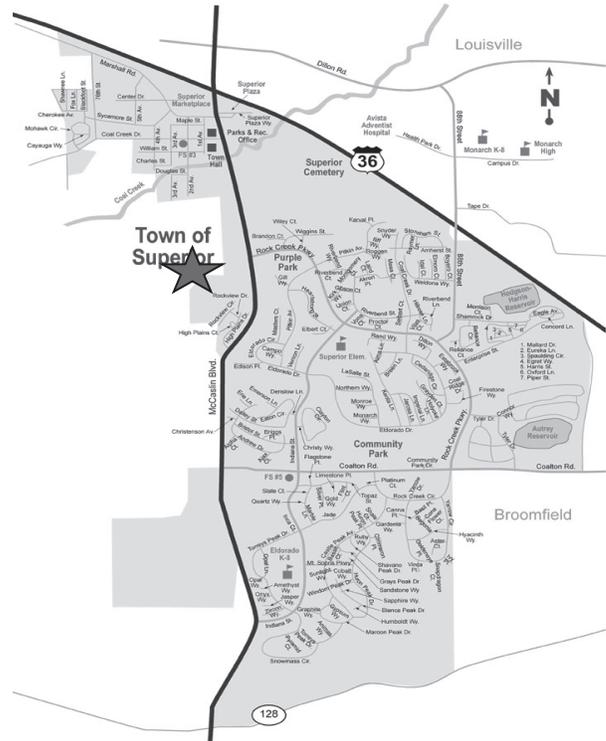
2024 -

\$ 150,000 **Total Cost**

Total Cost \$ 1,550,000

PROJECT DESCRIPTION

This project would add ultraviolet (UV) disinfection to the WTP process. As regulations become more stringent, due to recent findings in chlorine contact time for pathogen and virus inactivation, UV disinfection will meet these regulations without the addition of more chlorine, upgrades to our infrastructure and derating the capacity of the plant.



ANNUAL OPERATING BUDGET IMPACT

\$ 25,000 Beginning in 2022

Actuators and Valve Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 110,000 Water Capital

BUDGET BY YEAR

2020 \$ 110,000

2021 -

2022 -

2023 -

2024 -

\$ 110,000 Total Cost

Total Cost \$ 110,000

PROJECT DESCRIPTION

Provide and install new, electric actuators to control backwash operations for the filters. There are 4 filters and 2 actuated valves per filter for a total of 8 for this two year project (which began in 2019). Operators currently use a ladder to get to the valves to adjust the flow. In the past, the water treatment plant has been shut down because the actuators have failed.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Reuse System Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Water Capital

BUDGET BY YEAR

2020 \$ 35,000

2021 -

2022 -

2023 -

2024 -

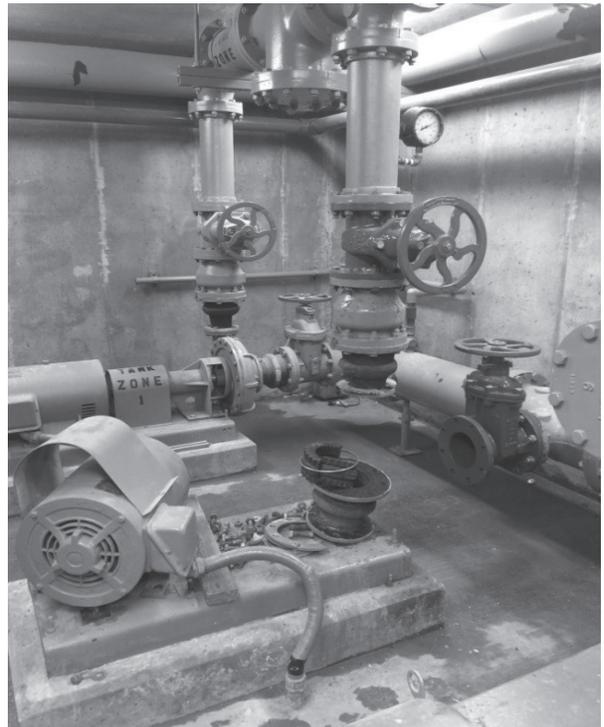
\$ 35,000 **Total Cost**

Total Cost \$ 35,000

PROJECT DESCRIPTION

The project scope includes installing system wide modifications for the irrigation system based on the 2015 reuse/irrigation master plan.

2020: Replace 2 of 3 Tank Zone Pumps, piping and valves (over 20 years old never been replaced)



ANNUAL OPERATING BUDGET IMPACT

\$ -

Sonic Solutions for Algae control @ Terminal Reservoir and Pond 5

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Water Capital

BUDGET BY YEAR

2020 \$ 15,000

2021 -

2022 -

2023 -

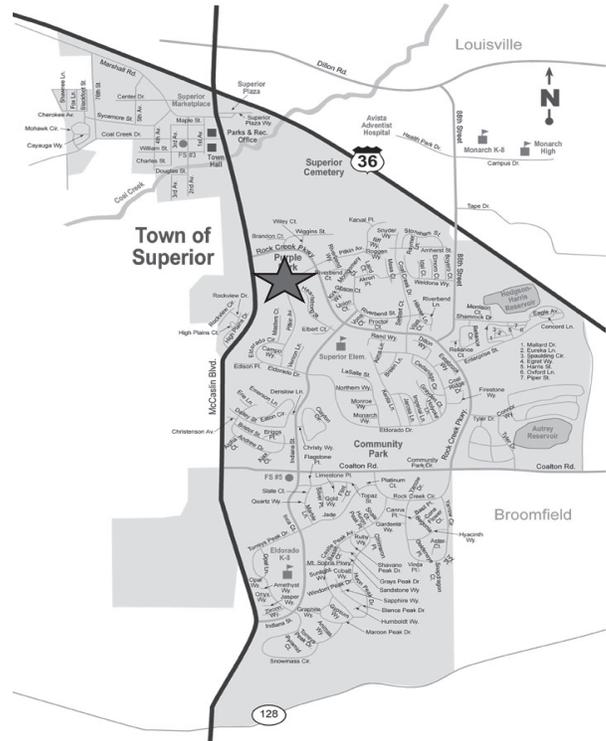
2024 -

\$ 15,000 **Total Cost**

Total Cost \$ 15,000

PROJECT DESCRIPTION

This project, started in 2018, installs sonic devices (in lieu of chemicals) at Pond 5 and Terminal Reservoir to prevent algae growth. Algae contributes to odor and taste problems and can be difficult to remove once in the distribution system, whether reuse or potable water.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

Water Storage Tank Rehabilitation

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 165,000 Water Capital

\$ 165,000 **Total Cost**

BUDGET BY YEAR

2020 \$ 165,000

2021 -

2022 115,000

2023 -

2024 -

Total Cost \$ 280,000

PROJECT DESCRIPTION

Cleaning the tanks in 2019 and will evaluate the condition during this process. Water Storage tanks (2) have been in operation for about 21 years and will require some major rehabilitation work; including sandblasting and recoating/painting. This work has never been performed in the past.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Water System Controls Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 87,000 Water Capital

BUDGET BY YEAR

2020 \$ 87,000

2021 71,000

2022 -

2023 -

2024 -

\$ 87,000 **Total Cost**

Total Cost \$ 158,000

PROJECT DESCRIPTION

This project provides upgrades to various components that are responsible for automatic operation of the Town's water supply systems.

2020 - Upgrading from outdated Bristol Program Logic Controllers (PLC's) and installing Allen Bradleys (AB) PLC's. The current models have not been update in 20 years and the technology is 3-4 generations behind.

\$5K Level probes for filters

\$46K AB PLC Filters 1 & 2

\$36K AB PLC Filters 2 & 4

2021 - 0.5 MG Tank \$22K, 1.5 MG tank \$22K and Pond 5 \$27K.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Irrigation Valve Installations

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 65,000 Water Capital

BUDGET BY YEAR

2020 \$ 65,000

2021 65,000

2022 -

2023 -

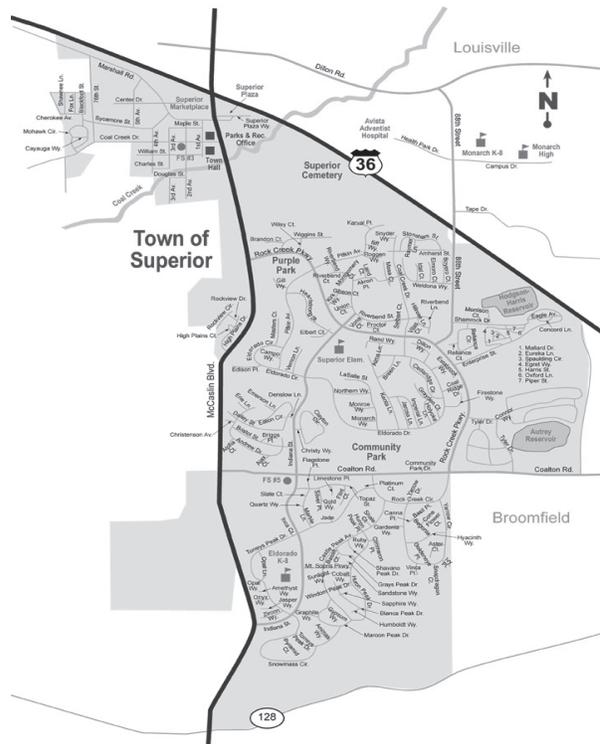
2024 -

\$ 65,000 Total Cost

Total Cost \$ 130,000

PROJECT DESCRIPTION

This project, which began in 2017, will provide approximately ten (2/year) isolation valves, blow offs (1/year) for the reuse mainlines. Currently there is no way to repair mains without shutting down entire areas of the system which can take all day to drain.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Fire Hydrant Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 21,000 Water Capital

BUDGET BY YEAR

2020 \$ 21,000

2021 21,630

2022 22,279

2023 22,947

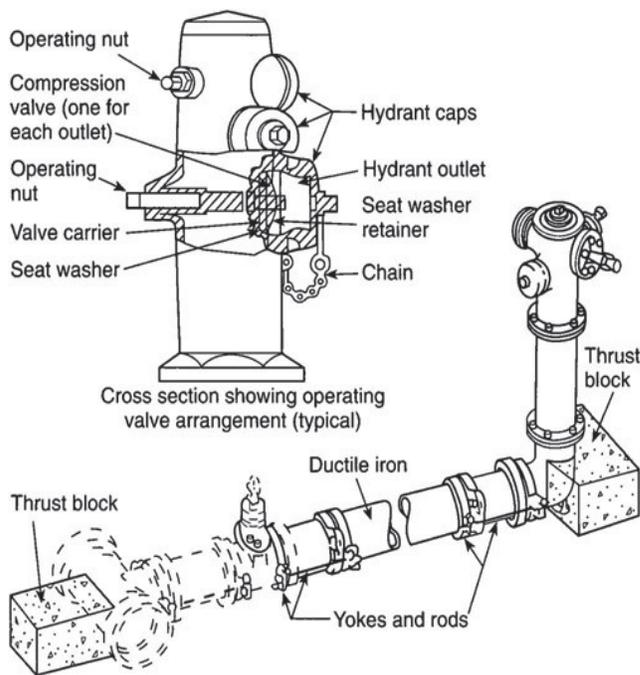
2024 23,635

\$ 21,000 **Total Cost**

Total Cost \$ 111,491

PROJECT DESCRIPTION

This project continues to replace old and damaged hydrants.



ANNUAL OPERATING BUDGET IMPACT

\$ (500)

Windy Gap Loan / Allotment Contract

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 630,133 Water Capital

BUDGET BY YEAR

2020 \$ 630,133

2021 1,600,000

2022 1,600,000

2023 1,600,000

2024 1,600,000

\$ 630,133 **Total Cost**

Total Cost \$ 7,030,133

PROJECT DESCRIPTION

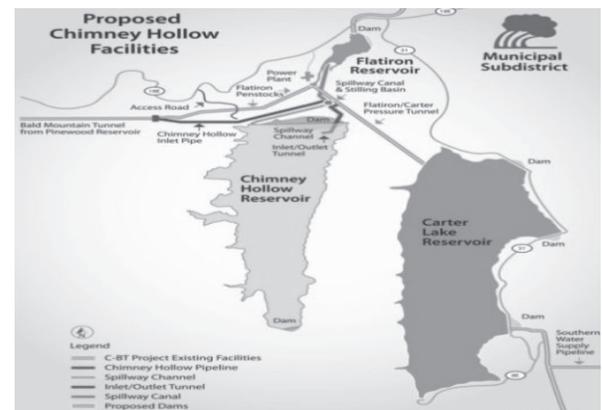
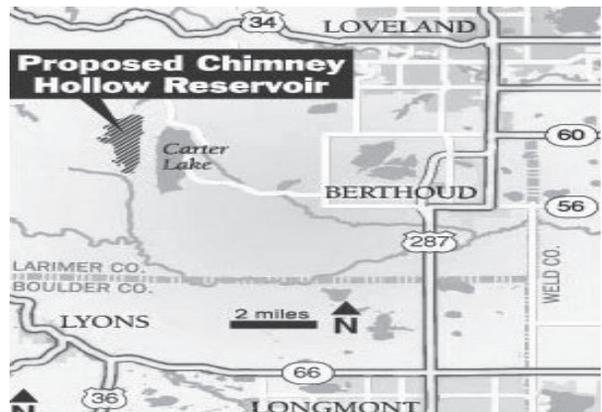
Superior Metropolitan District No. 1's (SMD1) contribution to the Windy Gap Firming Project based upon the number of shares owned by SMD1. Windy Gap diverts water from the Colorado River to the Front Range via the Federal Colorado-Big Thompson Project on a space available basis. The Windy Gap Firming Project will store Windy Gap water in the Chimney Hollow Reservoir to ensure reliable future deliveries. The construction of Chimney Hollow Reservoir (total project estimated at \$522 million, (Superior share at \$27 million) split between 13 entities) will provide 4,726 ac-ft. of storage dedicated to the Town.

2020 - Final Design

2021 and after - Debt Service/Allotment Contract

ANNUAL OPERATING BUDGET IMPACT

\$ 34,000 Beginning in 2020



WTP New Backup Generator

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 200,000 Water Capital

BUDGET BY YEAR

2020 \$ 200,000

2021 -

2022 -

2023 -

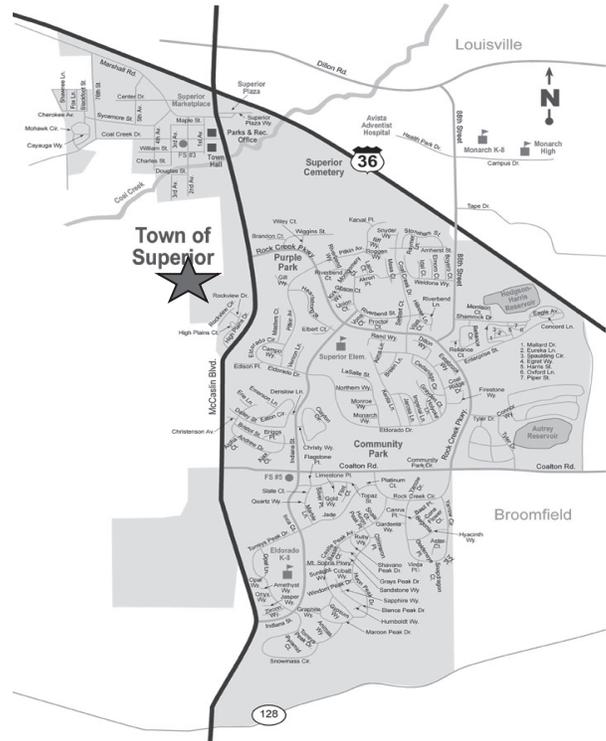
2024 -

\$ 200,000 Total Cost

Total Cost \$ 200,000

PROJECT DESCRIPTION

This project would replace the current backup generator at the plant. The existing generator was designed to backup equipment from the original plant. The new generator would add enough capacity to run all equipment due to recent plant expansion and future plant additions.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

Filter Media Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 110,000 Water Capital

BUDGET BY YEAR

2020	\$ -
2021	110,000
2022	115,000
2023	120,000
2024	<u>125,000</u>
Total Cost	\$ 470,000

\$ 110,000 **Total Cost**

PROJECT DESCRIPTION

This project will provide for replacement of filter media in the finished potable water filters at the water treatment plant. The project will also include sandblasting and repainting of the internal piping and troughs. Replace media within the recommended 10-year replacement schedule.

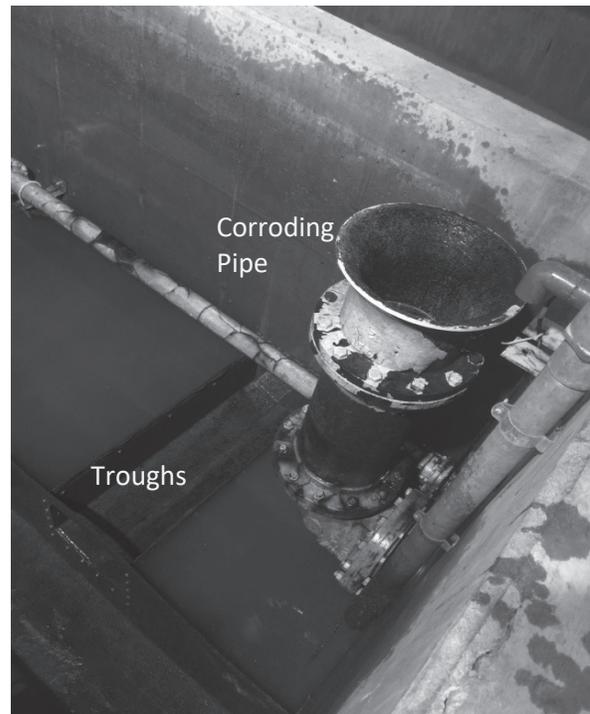
WTP filter media replacement schedule:

Filter 1: 2006, 2013, 2022

Filter 2: 2005, 2013, 2023

Filter 3: 2008, 2014, 2024

Filter 4: 2011, 2021, 2031



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Clarifloculator Rebuild/Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Water Capital

BUDGET BY YEAR

2020	\$ -
2021	25,000
2022	205,000
2023	-
2024	-

\$ 25,000 **Total Cost**

Total Cost \$ 230,000

PROJECT DESCRIPTION

Major upgrades include protection from the wind, probable solutions include: covers, floating and stationary and barriers. The wind, especially on the west clarifloculator, creates waves that carry the floc over the weirs and into the filters resulting in higher filter backwashing rates. After cover installed may start redesign for new systems depending on the longevity and condition after the upgrades.

2021 - Design cover (include access for equipment), gear box and weir adjustments for west clarifloculator.

2022 - Install cover for west basin.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Chemical Pump Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 11,000 Water Capital

\$ - **Total Cost**

BUDGET BY YEAR

2020	\$ -
2021	-
2022	11,000
2023	-
2024	-
Total Cost	\$ 11,000

PROJECT DESCRIPTION

Purchase two replacement chemical feed pumps.
 Typical replacement cycle is every four to five years.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Solids Handling Facility

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 220,000 Water Capital

\$ 220,000 **Total Cost**

BUDGET BY YEAR

2020 \$ -

2021 -

2022 -

2023 220,000

2024 1,000,000

Total Cost \$ 1,220,000

PROJECT DESCRIPTION

This project will provide drying beds for the solids that come off of the bottom of the clarifloculators and produced when back washing the filters. Currently, we contract to have the back wash pond dredged. More importantly the State will require water treatment plants to provide a means of dewatering sludge before sending to landfills.

2023 - Design

2024-2025 - Construction



ANNUAL OPERATING BUDGET IMPACT

\$ (20,000) Savings

Water Storage Tank Cleaning

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Water Capital

BUDGET BY YEAR

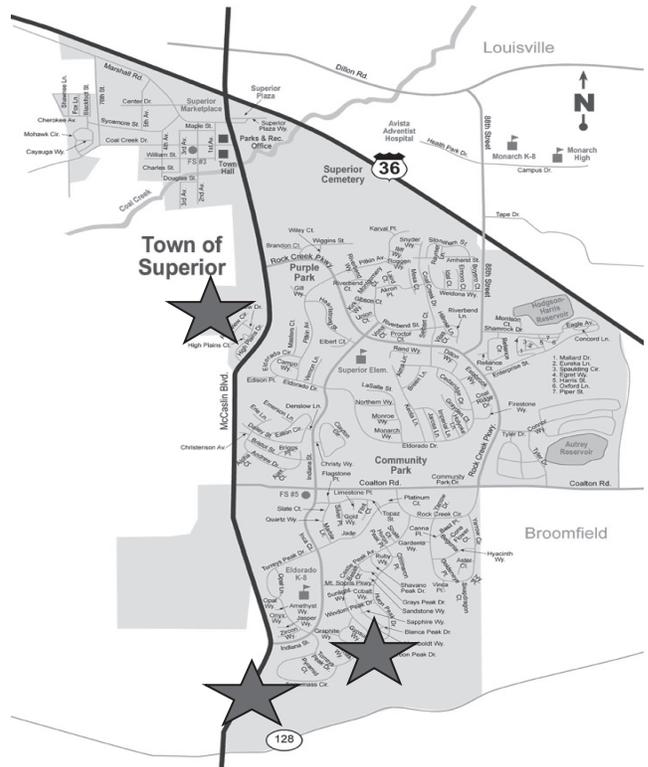
2020	\$ -
2021	-
2022	-
2023	15,000
2024	-

\$ 15,000 Total Cost

Total Cost \$ 15,000

PROJECT DESCRIPTION

This project provides for cleaning all the potable water storage tanks including; (1) 0.5 million-gallon (MG) high zone tank, (2) the 1.5 MG low zone tank, and (3) the 1.4 MG tank at the water treatment plant. This project is on a five year cycle.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Reuse Storage

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 500,000 Water Capital

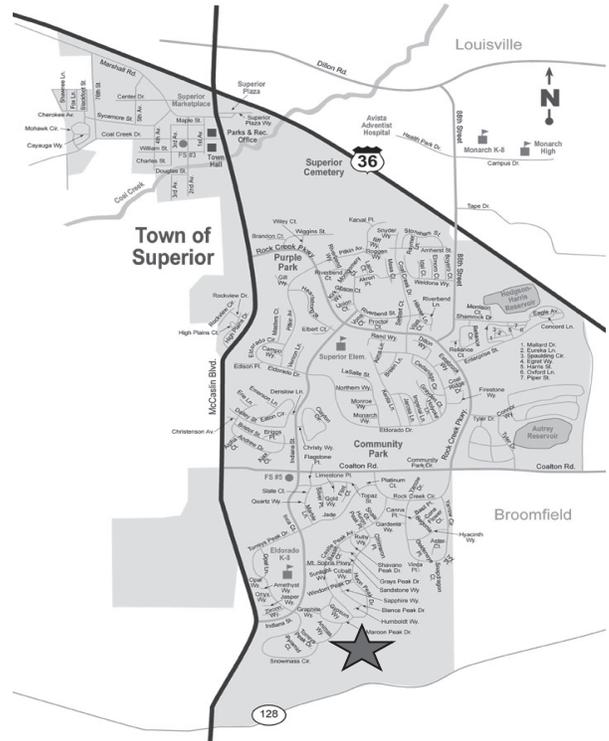
BUDGET BY YEAR

2020	\$ -
2021	-
2022	-
2023	-
2024	500,000
Total Cost	\$ 500,000

\$ 500,000 **Total Cost**

PROJECT DESCRIPTION

This project provides for designing additional storage capacity for the reuse system.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

**2020 - 2024 Superior Metropolitan District No. 1
Wastewater Capital Improvement Program Budget Revenue (51)**

Acct #	Revenues	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
36-6100	Interest Income	\$16,000	\$23,000	\$17,000	\$28,000	\$28,000
36-6341	Wastewater System Development Fees	800,000	950,000	800,000	650,000	700,000
36-6953	Transfer from Operation User Fees	153,396	318,414	436,374	339,464	635,176
36-6820	Debt/Loan	5,000,000	-	-	-	7,300,000
	Use of / (Addition to) Net Assets	(757,646)	500,336	(568,624)	200,036	(748,176)
		\$5,211,750	\$1,791,750	\$684,750	\$1,217,500	\$7,915,000

**2020 – 2024 Superior Metropolitan District No. 1
Wastewater Capital Improvement Program Budget Expense (51-499)**

Acct #	Projects	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
6238	WWTP Auxiliary Equipment	45,000	-	-	-	-
6279	WWTP Process Pump Maintenance	35,000	25,000	-	-	-
6284	Sanitary Sewer Manhole and Line Rehabilitation	75,000	75,000	75,000	75,000	75,000
6289	WWTP Headworks Reconstruction	5,000,000	-	-	-	-
6236	WWTP Miscellaneous Improvements	50,000	50,000	50,000	50,000	50,000
6300	Vehicle Replacement	6,750	6,750	24,750	7,500	30,000
	Debt/Loan Repayment	-	350,000	350,000	350,000	350,000
6081	Town Wide Collection System Video Assessment	-	35,000	35,000	35,000	35,000
6193	WWTP Aeration Basin Work	-	150,000	-	-	-
6237	WWTP Building Upgrades	-	80,000	-	-	-
6281	WWTP Controls Equipment Upgrades	-	20,000	-	-	-
6282	WWTP Equalization Pond Liner Repair	-	1,000,000	-	-	-
6235	WWTP Site Improvements (Drainage)	-	-	150,000	-	-
6239	WWTP Biological Nutrient Removal	-	-	-	700,000	7,300,000
6421	Building-PW/Parks Maint. & Oper.	-	-	-	-	75,000
		\$5,211,750	\$1,791,750	\$684,750	\$1,217,500	\$7,915,000

WWTP Auxiliary Equipment

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 45,000 Sewer Capital

BUDGET BY YEAR

2020 \$ 45,000

2021 -

2022 -

2023 -

2024 -

Total Cost \$ 45,000

Total Cost \$ 45,000

PROJECT DESCRIPTION

2020 - Install two (2) new in-line sludge grinders in the digester basement pump room.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Process Pump Maintenance

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Sewer Capital

BUDGET BY YEAR

2020 \$ 35,000

2021 25,000

2022 -

2023 -

2024 -

\$ 35,000 **Total Cost**

Total Cost \$ 60,000

PROJECT DESCRIPTION

2020 - New scum pump (\$20K) and move existing to AWT duty (\$15K)

2021 - Replace second and final centrifuge progressive cavity pump.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Sanitary Sewer Manhole & Line Rehabilitation

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 75,000 Sewer Capital

BUDGET BY YEAR

2020 \$ 75,000

2021 75,000

2022 75,000

2023 75,000

2024 75,000

Total Cost \$ 75,000

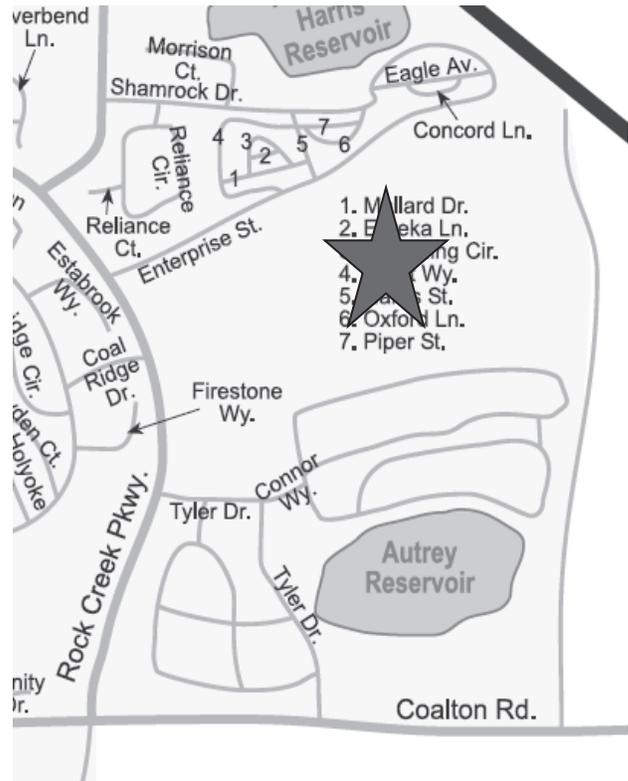
Total Cost \$ 375,000

PROJECT DESCRIPTION

Rehabilitation of sewer manholes with infiltration issues and sagging pipelines, which will have significant infiltration. This increased flow puts a strain on the WWTP.

ANNUAL OPERATING BUDGET IMPACT

\$ (1,000)



WWTP Headworks Reconstruction

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 5,000,000 Sewer Capital

BUDGET BY YEAR

2020 \$ 5,000,000

2021 -

2022 -

2023 -

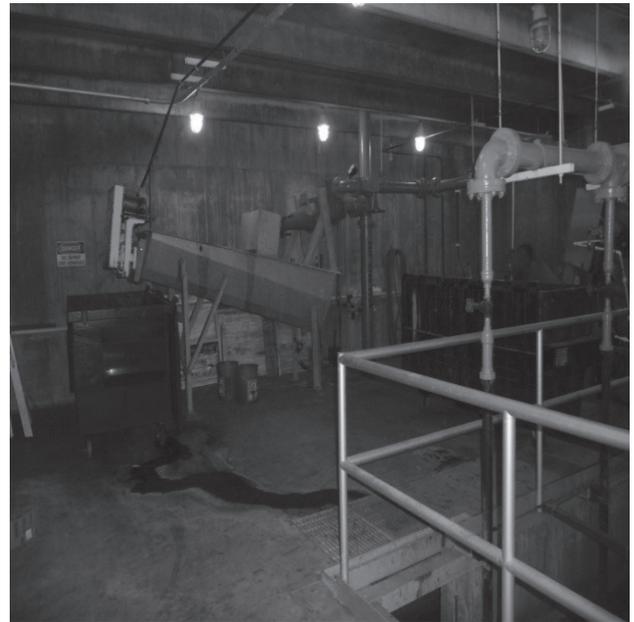
2024 -

\$ 5,000,000 **Total Cost**

Total Cost \$ 5,000,000

PROJECT DESCRIPTION

This project will replace the headworks facility with a new facility at the front end of the WWTP. This will address process issues as well as safety and odor control issues. Must be done prior to the biological nutrient removal (BNR) upgrades projects (currently planned for 2024). Total cost of project is estimated at \$5M. At this point, staff is planning on a loan for the majority of this project.



ANNUAL OPERATING BUDGET IMPACT

TBD

WWTP Miscellaneous Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Sewer Capital

BUDGET BY YEAR

2020 \$ 50,000

2021 50,000

2022 50,000

2023 50,000

2024 50,000

Total Cost \$ 50,000

Total Cost \$ 250,000

PROJECT DESCRIPTION

This project is intended to provide a reserve for yet to be identified capital improvements at the wastewater treatment plant (WWTP). Town staff and our professional consultants will continue to work to identify specific longer term maintenance capital needs as well as Federal/State mandated projects.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Town Wide Collection System Video Assessment

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Sewer Capital

BUDGET BY YEAR

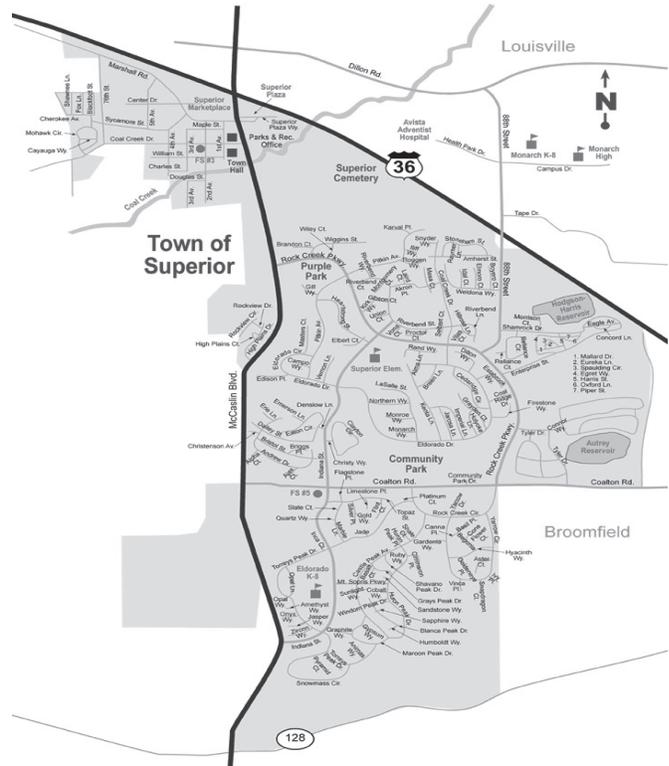
2020	\$ -
2021	35,000
2022	35,000
2023	35,000
2024	35,000

\$ 35,000 **Total Cost**

Total Cost \$ 140,000

PROJECT DESCRIPTION

This project provides for video assessment of the existing sewer collection system to identify conditions of mainline pipe and service connections. Video assessment allows for identification of deformed or failing pipe, root intrusions, groundwater infiltration, and other miscellaneous system problems that may need to be addressed via operational maintenance or future capital improvement projects. This is a six-year project for the entire system which was last completed in 2016 and will restart the cycle in 2021.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Aeration Basin Work

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 150,000 Sewer Capital

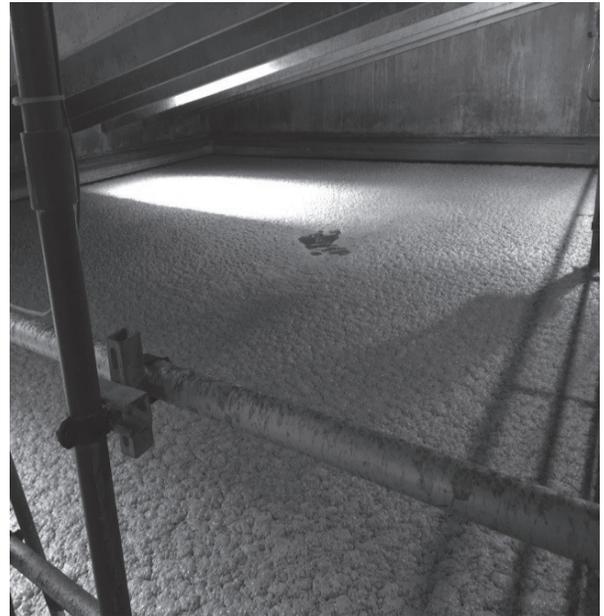
BUDGET BY YEAR

2020	\$ -
2021	150,000
2022	-
2023	-
2024	-
Total Cost	\$ 150,000

\$ 150,000 **Total Cost**

PROJECT DESCRIPTION

2021 - Design and install fine bubble diffusers in the west aeration basin.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Building Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 80,000 Sewer Capital

\$ 80,000 **Total Cost**

BUDGET BY YEAR

2020	\$ -
2021	80,000
2022	-
2023	-
2024	-
Total Cost	\$ 80,000

PROJECT DESCRIPTION

2021- Paint exterior of all buildings.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Controls Equipment Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Sewer Capital

BUDGET BY YEAR

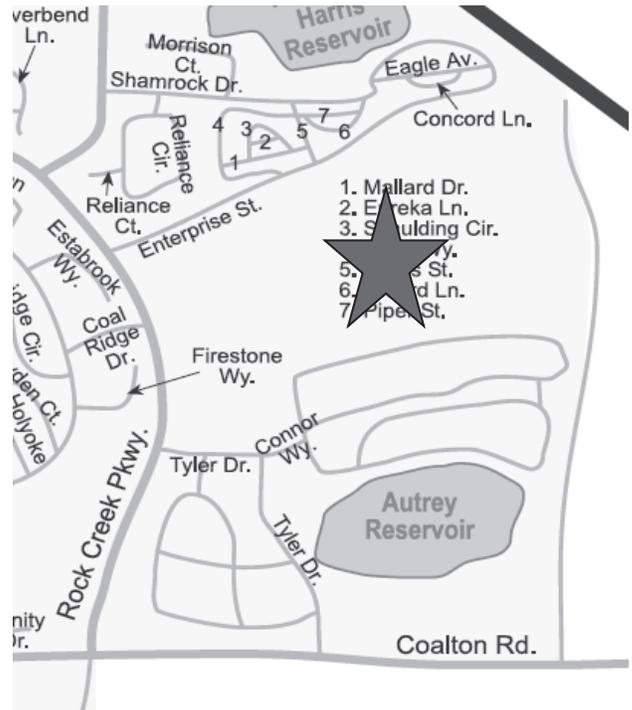
2020	\$ -
2021	20,000
2022	-
2023	-
2024	-

Total Cost \$ 20,000

Total Cost \$ 20,000

PROJECT DESCRIPTION

This project is intended to improve chlorine dosing



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Equalization Pond Liner Repair

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 1,000,000 Sewer Capital

BUDGET BY YEAR

2020	\$ -
2021	1,000,000
2022	-
2023	-
2024	-

\$ 1,000,000 **Total Cost**

Total Cost \$ 1,000,000

PROJECT DESCRIPTION

Upgrade of the equalization pond system at the wastewater treatment plant (WWTP) as required by the State of Colorado. Dredge, reline, and install sludge removal piping. Combine pond process for more efficient use of volume and land.

Future - Floating Cover for Equalization Pond (This cuts down on solids introduction into the wastewater treatment process)



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Site Improvements (Drainage)

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 150,000 Sewer Capital

BUDGET BY YEAR

2020	\$	-
2021		-
2022		150,000
2023		-
2024		-

\$ 150,000 **Total Cost**

Total Cost \$ 150,000

PROJECT DESCRIPTION

This project will address a long standing issue at the wastewater treatment plant (WWTP) of poor drainage/standing water from the entrance gate to the sludge docking bay, through the parking lot and out to the holding ponds and eventually to Rock Creek.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Biological Nutrient Removal

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 700,000 Sewer Capital

BUDGET BY YEAR

2020	\$ -
2021	-
2022	-
2023	700,000
2024	<u>7,300,000</u>
Total Cost	\$ 8,000,000

\$ 700,000 **Total Cost**

PROJECT DESCRIPTION

2023 - Design. Federal/State mandated project. Staff will continue to monitor project with State CDPHE department.

2024 - Construction



ANNUAL OPERATING BUDGET IMPACT

\$ 30,000 Beginning 2025

**2020 - 2024 Superior Metropolitan District No. 1
Storm Water Capital Improvement Program Budget Revenue (52)**

Acct #	Revenues	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
36-6100	Interest Income	\$2,000	\$5,000	\$6,000	\$10,000	\$14,000
36-6341	Storm Water System Development Fees	350,000	400,000	300,000	250,000	250,000
36-6953	Transfer from Operation User Fees	28,348	31,036	54,673	53,928	51,322
	Use of / (Addition to) Net Assets	(325,848)	(31,536)	(194,173)	(154,428)	(86,187)
		\$54,500	\$404,500	\$166,500	\$159,500	\$229,135

**2020 - 2024 Superior Metropolitan District No. 1
Storm Water Capital Improvement Program Budget Expense (52-499)**

Acct #	Projects	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
6992	Reservoir & Ponds Maintenance and Upgrades	\$50,000	\$400,000	\$150,000	\$154,500	\$159,135
6300	Vehicle Replacement	4,500	4,500	16,500	5,000	20,000
6421	Building-PW/Parks Maint. & Oper.	-	-	-	-	50,000
		\$54,500	\$404,500	\$166,500	\$159,500	\$229,135

Reservoir & Ponds Maintenance and Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Storm Capital

BUDGET BY YEAR

2020 \$ 50,000

2021 400,000

2022 150,000

2023 154,500

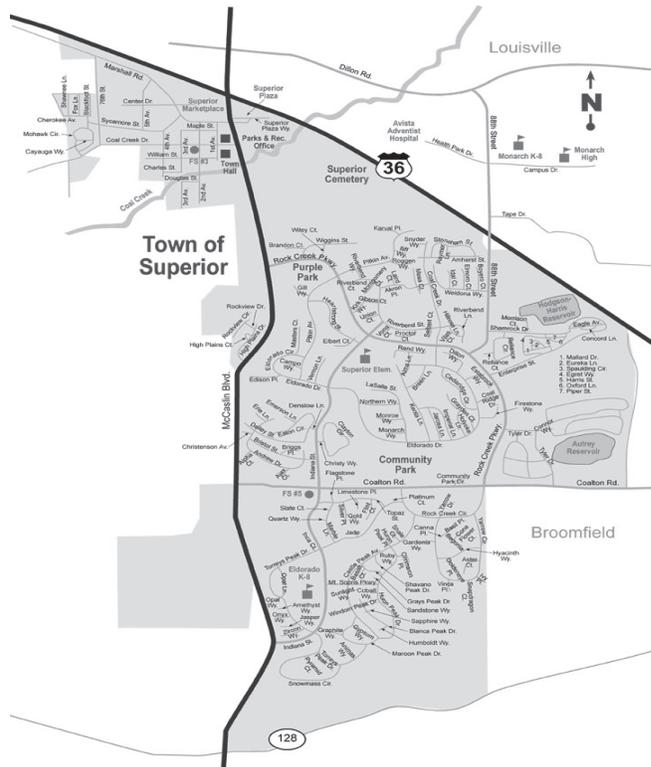
2024 159,135

Total Cost
\$ 50,000

Total Cost \$ 913,635

PROJECT DESCRIPTION

This is an ongoing program of drainageway and pond maintenance for the Storm Water system. The 2021 project will upgrade the Coal Creek drainageway from 2nd Avenue to McCaslin Boulevard with flood mitigation improvements including a concrete trail. This project will be done in coordination with the Urban Drainage and Flood Control District.



ANNUAL OPERATING BUDGET IMPACT

\$ -

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